

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055176.D
 Acq On : 22 Apr 2019 12:23
 Operator : JC/SP
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 23 05:03:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 04:56:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	702160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	62246	9.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.32%	
35) Dibromofluoromethane	7.59	113	48496	9.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.26%	
50) Toluene-d8	10.09	98	186244	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	
62) 4-Bromofluorobenzene	12.40	95	58124	10.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	64526	11.410	ug/l 97
3) Chloromethane	2.06	50	75755	10.932	ug/l 98
4) Vinyl Chloride	2.19	62	59180	10.658	ug/l 99
5) Bromomethane	2.56	94	34059	10.577	ug/l 91
6) Chloroethane	2.70	64	32668	10.880	ug/l 98
7) Trichlorofluoromethane	3.02	101	82585	10.929	ug/l 97
8) Diethyl Ether	3.41	74	27828	10.318	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	48879	10.366	ug/l 98
10) Methyl Iodide	3.95	142	60545	9.557	ug/l 98
11) Tert butyl alcohol	4.79	59	18651	54.687	ug/l # 83
12) 1,1-Dichloroethene	3.74	96	47614	10.537	ug/l 95
13) Acrolein	3.61	56	25683	55.306	ug/l 100
14) Allyl chloride	4.33	41	91955	10.294	ug/l 99
15) Acrylonitrile	4.99	53	98447	51.721	ug/l 98
16) Acetone	3.82	43	84301	42.895	ug/l 96
17) Carbon Disulfide	4.06	76	131931	10.443	ug/l 100
18) Methyl Acetate	4.33	43	47591	8.774	ug/l 98
19) Methyl tert-butyl Ether	5.04	73	127928	10.239	ug/l 99
20) Methylene Chloride	4.55	84	56259	9.958	ug/l 98
21) trans-1,2-Dichloroethene	5.04	96	48913	10.322	ug/l 91
22) Diisopropyl ether	5.95	45	181325	10.183	ug/l 97
23) Vinyl Acetate	5.90	43	622339	52.009	ug/l 98
24) 1,1-Dichloroethane	5.85	63	98309	10.264	ug/l 98
25) 2-Butanone	6.84	43	122416	48.248	ug/l 98
26) 2,2-Dichloropropane	6.82	77	64212	9.907	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	55896	10.233	ug/l 98
28) Bromochloromethane	7.20	49	50678	10.380	ug/l 99
29) Tetrahydrofuran	7.21	42	74909	46.973	ug/l 96
30) Chloroform	7.37	83	92056	10.104	ug/l 100
31) Cyclohexane	7.65	56	102725	9.341	ug/l # 94
32) 1,1,1-Trichloroethane	7.57	97	75272	10.284	ug/l 100
36) 1,1-Dichloropropene	7.79	75	69448	10.656	ug/l 99
37) Ethyl Acetate	6.93	43	50646	9.301	ug/l # 89
38) Carbon Tetrachloride	7.77	117	63438	9.742	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	80706	10.380	ug/l	98
40) Benzene	8.04	78	206882	10.283	ug/l	98
41) Methacrylonitrile	7.18	41	23897	8.902	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	70973	10.112	ug/l	99
43) Isopropyl Acetate	8.17	43	91502	10.744	ug/l #	90
44) Trichloroethene	8.84	130	52544	10.334	ug/l	96
45) 1,2-Dichloropropane	9.12	63	58931	10.377	ug/l	100
46) Dibromomethane	9.21	93	33305	10.245	ug/l	100
47) Bromodichloromethane	9.40	83	64233	9.870	ug/l	98
48) Methyl methacrylate	9.20	41	41042	9.934	ug/l	96
49) 1,4-Dioxane	9.20	88	10530	220.708	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	248483	50.701	ug/l	100
52) Toluene	10.16	92	125904	10.675	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	59007	9.880	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	72983	9.847	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	43871	10.090	ug/l	99
56) Ethyl methacrylate	10.43	69	54154	9.998	ug/l	99
57) 1,3-Dichloropropane	10.71	76	75864	10.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	84368	48.311	ug/l	99
59) 2-Hexanone	10.75	43	153170	49.479	ug/l	100
60) Dibromochloromethane	10.90	129	43776	9.775	ug/l	96
61) 1,2-Dibromoethane	11.00	107	40948	10.017	ug/l	100
64) Tetrachloroethene	10.63	164	51359	10.734	ug/l	99
65) Chlorobenzene	11.43	112	125910	10.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	45060	10.155	ug/l	99
67) Ethyl Benzene	11.51	91	227025	10.646	ug/l	96
68) m/p-Xylenes	11.62	106	162021	21.183	ug/l	99
69) o-Xylene	11.95	106	81079	10.682	ug/l	98
70) Styrene	11.96	104	124058	10.544	ug/l	99
71) Bromoform	12.12	173	25965	9.806	ug/l #	97
73) Isopropylbenzene	12.25	105	215441	10.629	ug/l	100
74) N-amyl acetate	12.07	43	53971	9.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	55152	10.282	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	60221	15.219	ug/l #	100
77) Bromobenzene	12.53	156	49676	10.658	ug/l	99
78) n-propylbenzene	12.59	91	230036	10.864	ug/l	99
79) 2-Chlorotoluene	12.67	91	144081	10.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	173056	10.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	10624	9.402	ug/l	90
82) 4-Chlorotoluene	12.77	91	130219	10.586	ug/l	99
83) tert-Butylbenzene	12.99	119	149183	10.551	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	161642	10.837	ug/l	99
85) sec-Butylbenzene	13.17	105	190494	10.653	ug/l	99
86) p-Isopropyltoluene	13.29	119	159621	10.835	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	76052	10.629	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	70686	10.147	ug/l	98
89) n-Butylbenzene	13.61	91	112902	10.340	ug/l	97
90) Hexachloroethane	13.87	117	27020	10.342	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	77146	10.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6108	9.527	ug/l	99

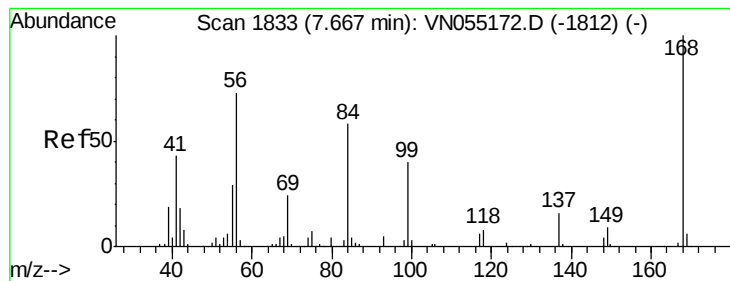
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	23356	9.002	ug/l	99
94) Hexachlorobutadiene	15.01	225	26801	10.189	ug/l	98
95) Naphthalene	15.13	128	47183	8.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	24041	8.907	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

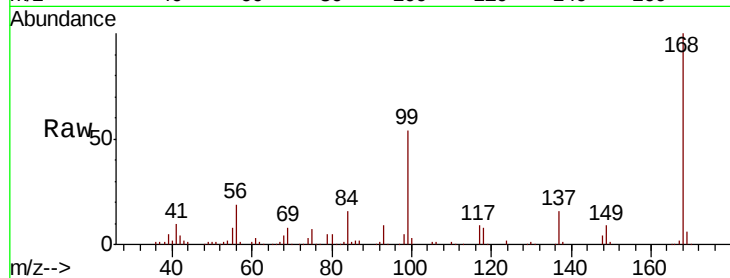
VSTDIC010

Tot Ion:168 Resp: 439217

Ion Ratio Lower Upper

168 100

99 52.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

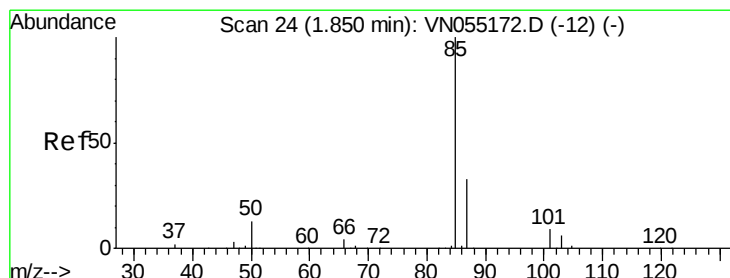
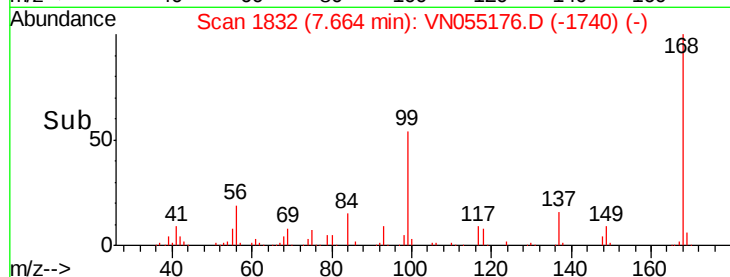
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 11.410 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055176.D

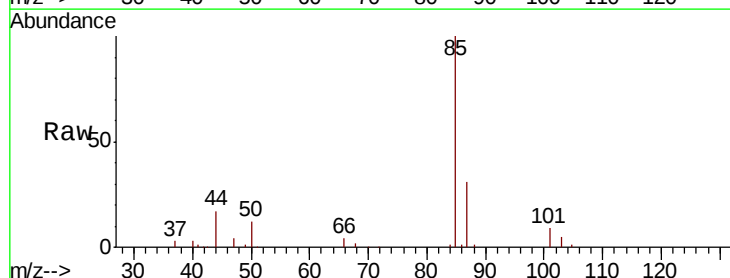
Acq: 22 Apr 2019 12:23

Tgt Ion: 85 Resp: 64526

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

50000

40000

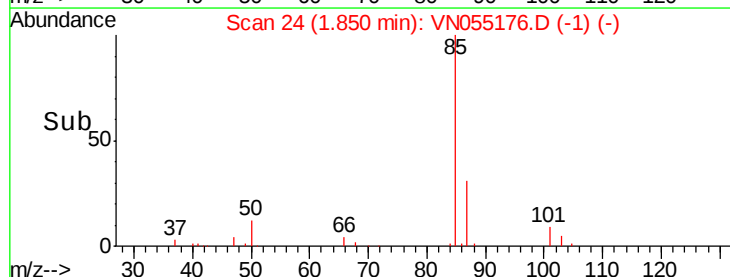
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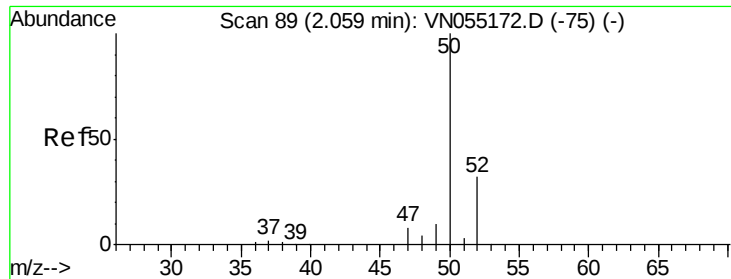
20000

10000

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Time-->





#3

Chloromethane

Concen: 10.932 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

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ClientSampleId :

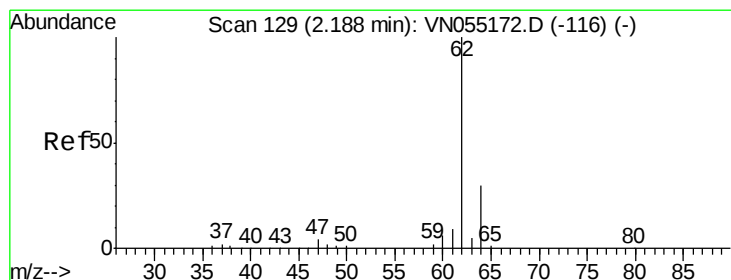
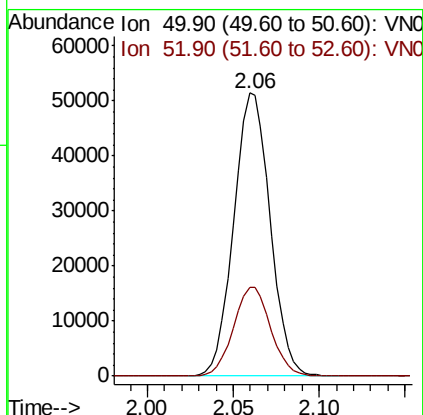
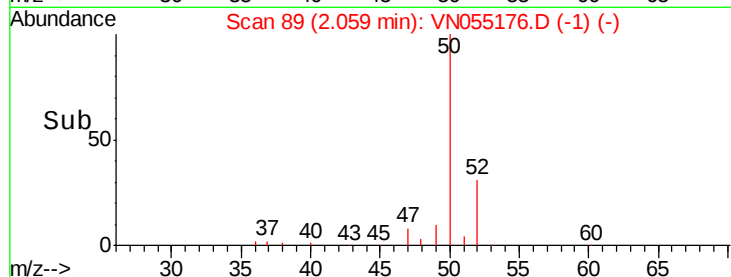
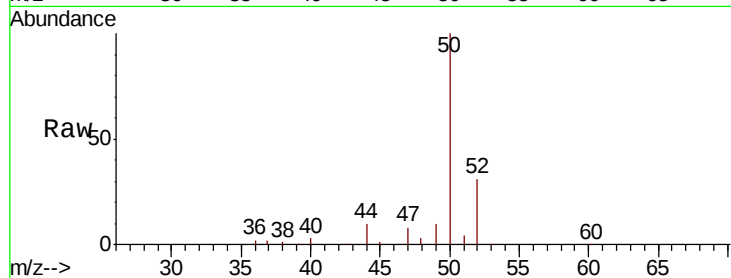
VSTDIC010

Tot Ion: 50 Resp: 75755

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.6



#4

Vinyl Chloride

Concen: 10.658 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055176.D

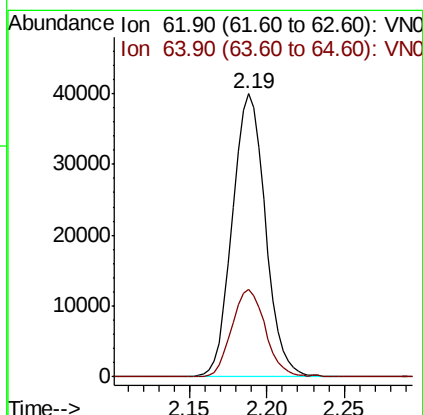
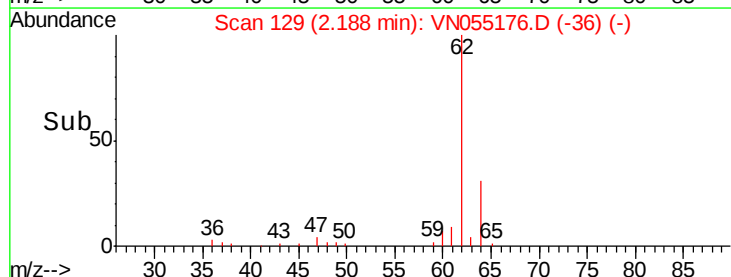
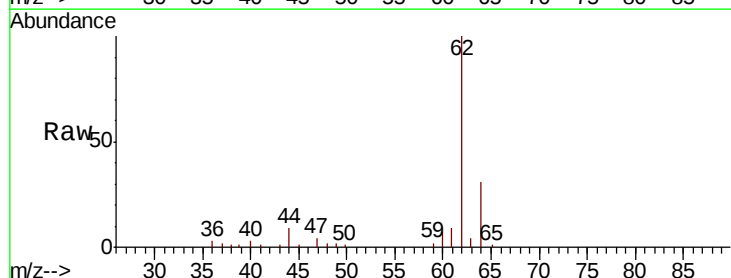
Acq: 22 Apr 2019 12:23

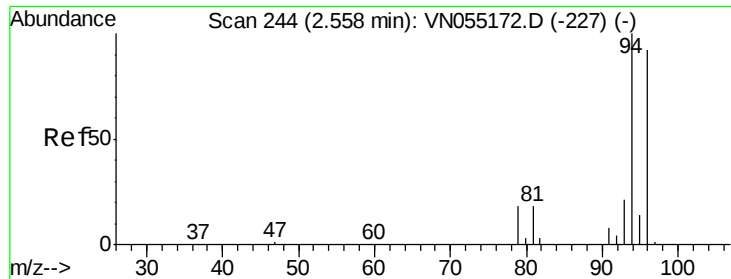
Tgt Ion: 62 Resp: 59180

Ion Ratio Lower Upper

62 100

64 30.9 24.2 36.4

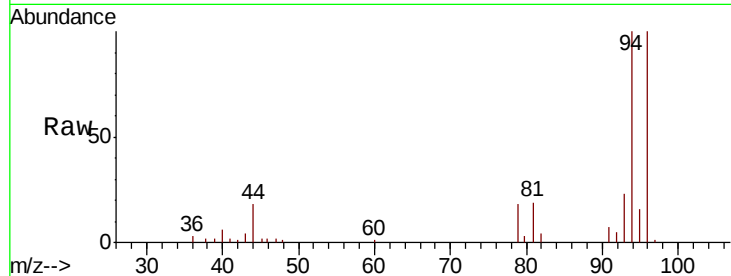




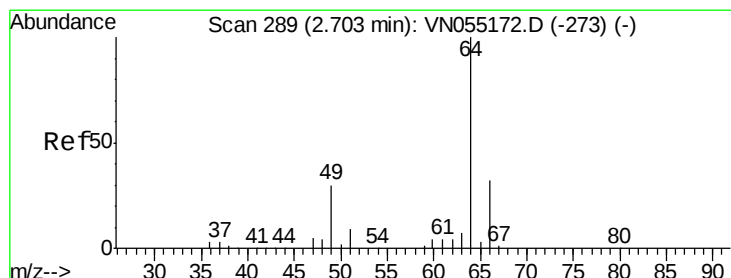
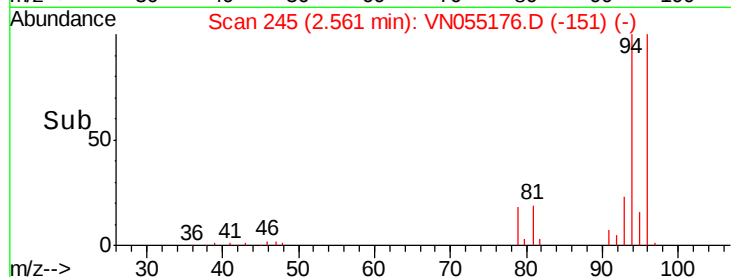
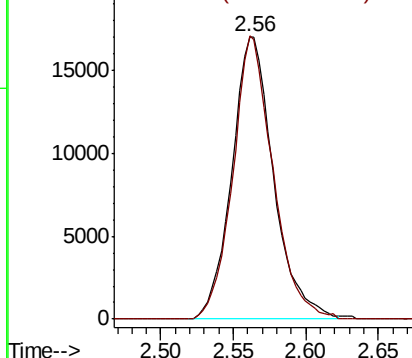
#5
Bromomethane
Concen: 10.577 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
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ClientSampleId :
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Tot Ion: 94 Resp: 34059
Ion Ratio Lower Upper
94 100
96 100.3 73.4 110.2

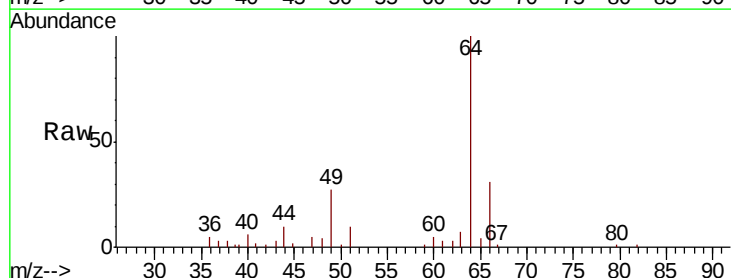


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

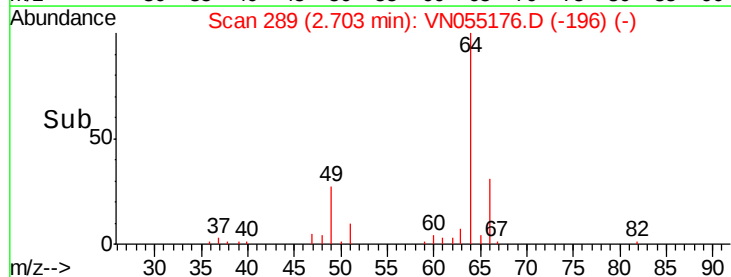
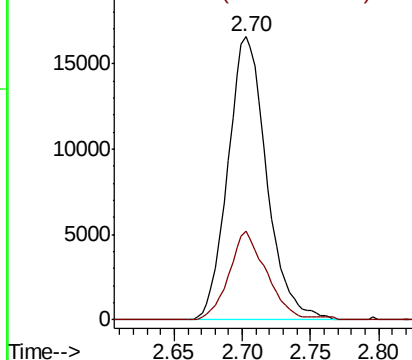


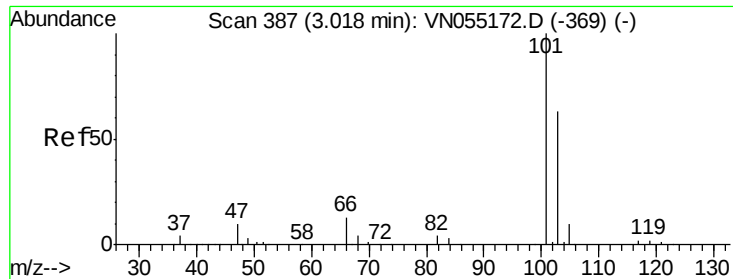
#6
Chloroethane
Concen: 10.880 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 64 Resp: 32668
Ion Ratio Lower Upper
64 100
66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



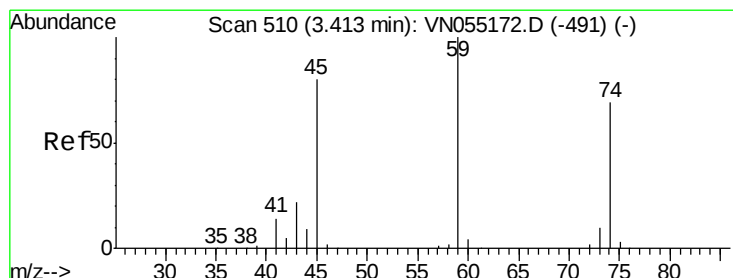
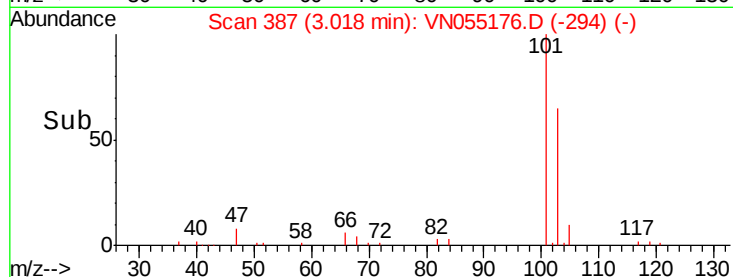
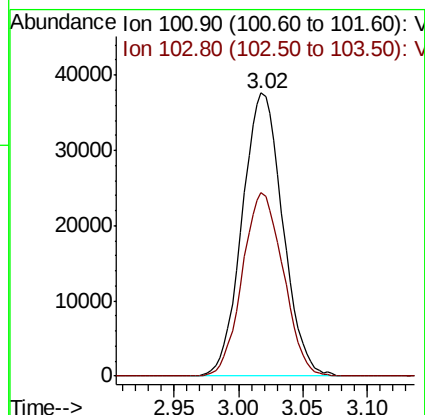
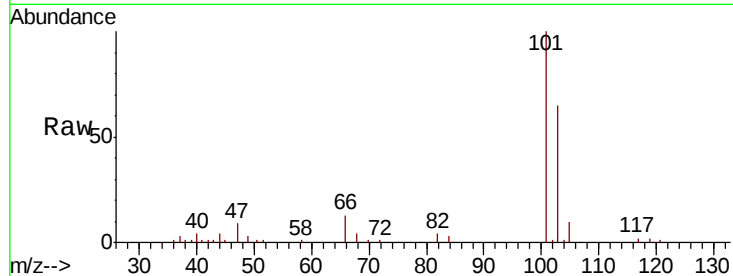


#7

Trichlorofluoromethane
Concen: 10.929 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055176.D
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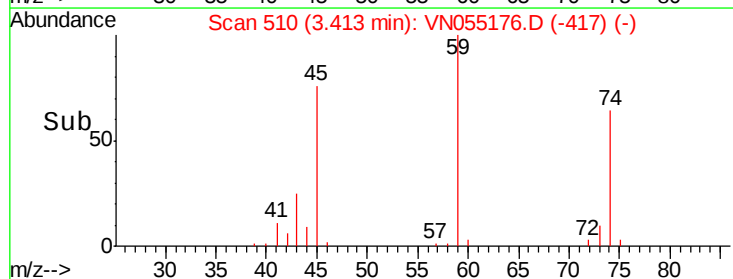
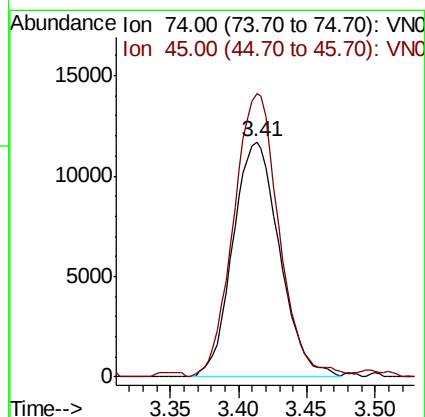
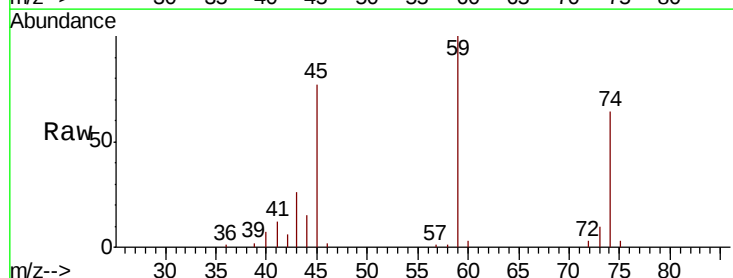
Tot Ion:101 Resp: 82585
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

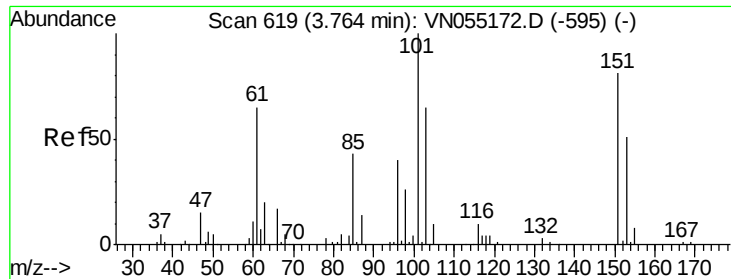


#8

Diethyl Ether
Concen: 10.318 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 74 Resp: 27828
Ion Ratio Lower Upper
74 100
45 117.6 56.9 170.6

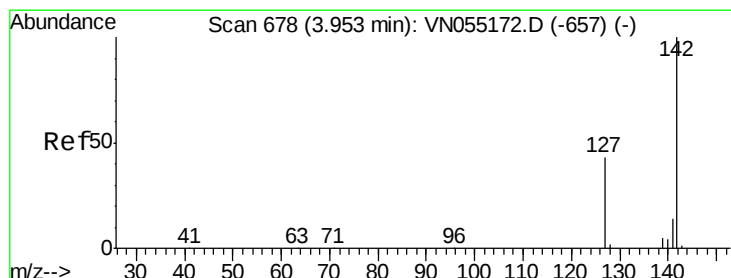
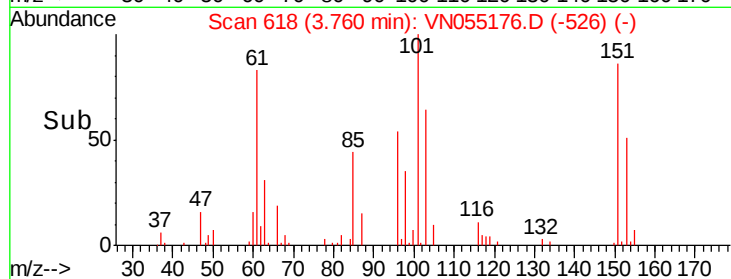
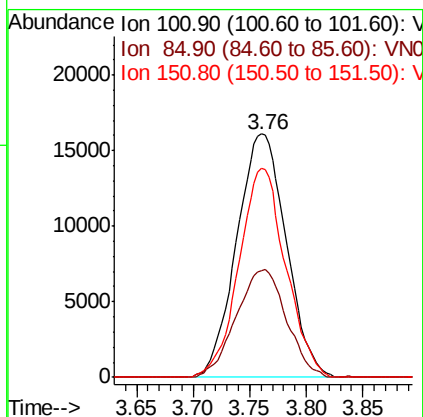
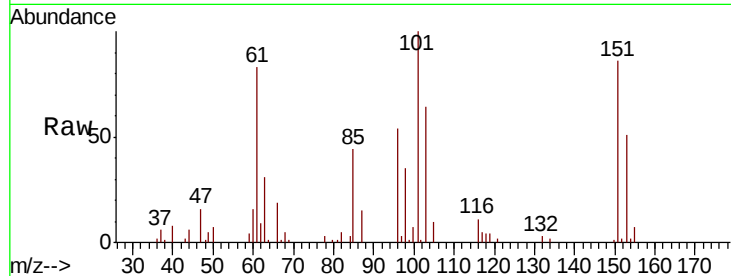




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.366 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN055176.D
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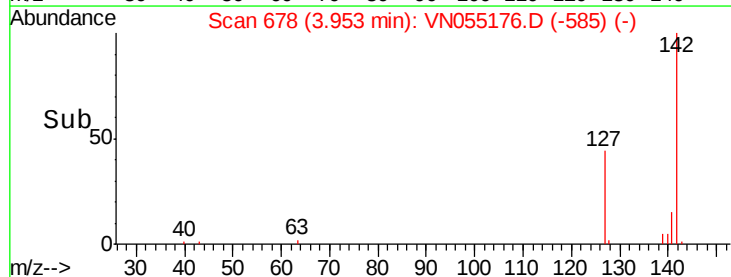
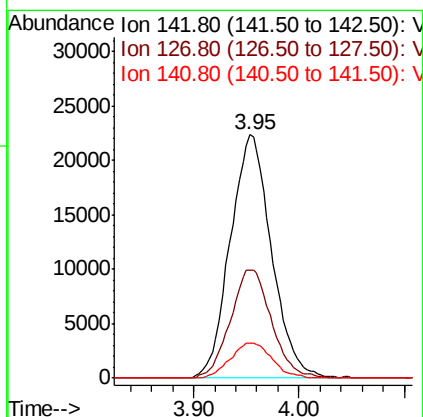
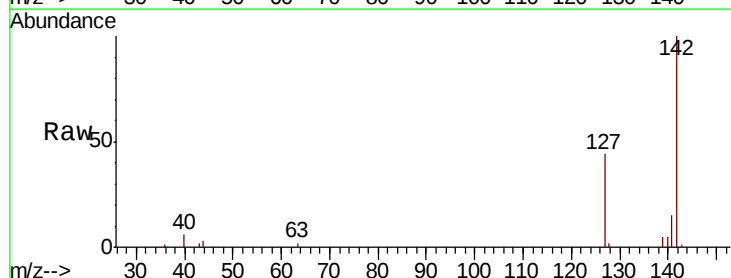
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

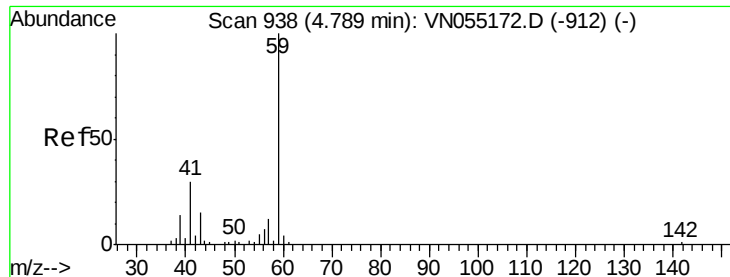
Tot Ion:101 Resp: 48879
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.9 52.3
 151 81.3 63.8 95.8



#10
 Methyl Iodide
 Concen: 9.557 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion:142 Resp: 60545
 Ion Ratio Lower Upper
 142 100
 127 44.5 34.1 51.1
 141 14.6 11.4 17.2

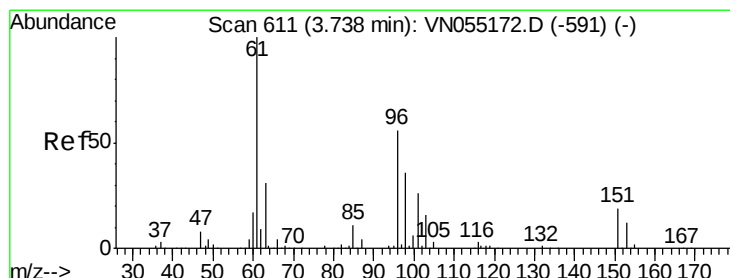
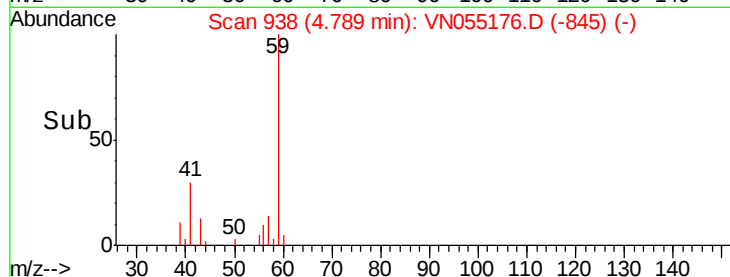
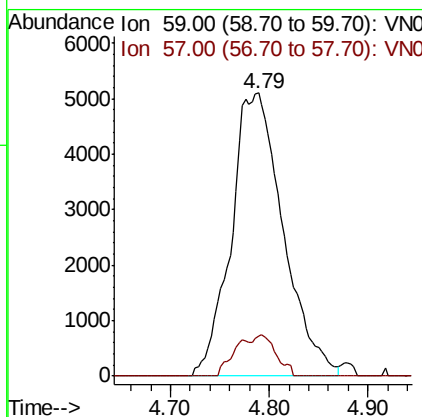
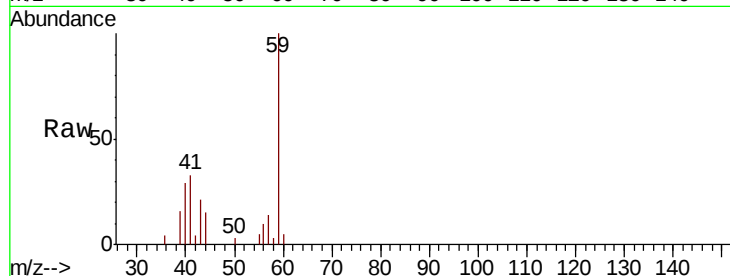




#11
Tert butyl alcohol
Concen: 54.687 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

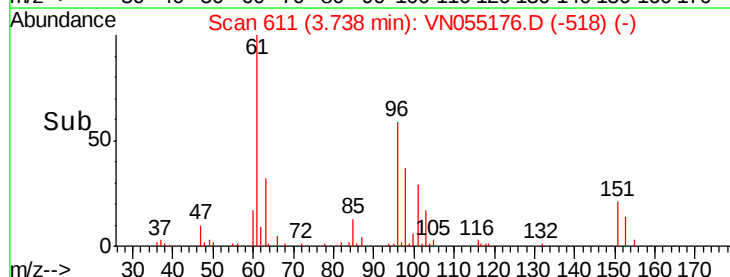
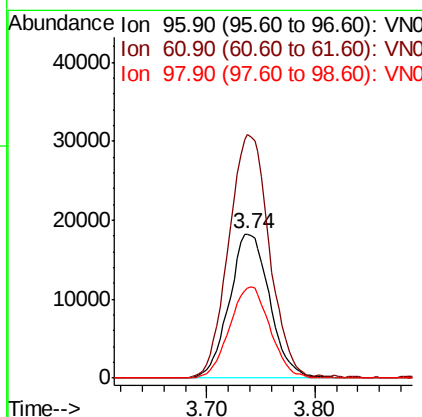
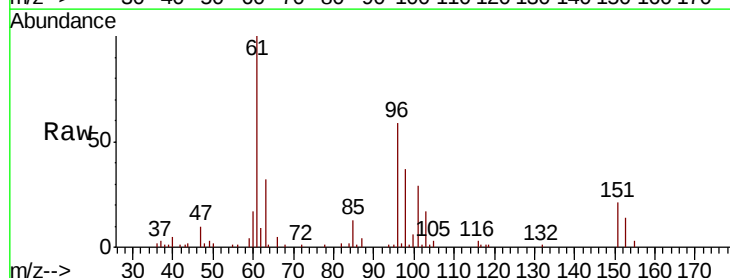
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

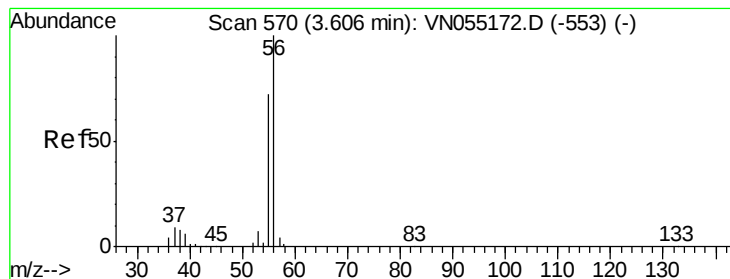
Tot Ion: 59 Resp: 18651
Ion Ratio Lower Upper
59 100
57 4.6 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 10.537 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 96 Resp: 47614
Ion Ratio Lower Upper
96 100
61 169.3 142.1 213.1
98 62.4 51.2 76.8





#13

Acrolein

Concen: 55.306 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

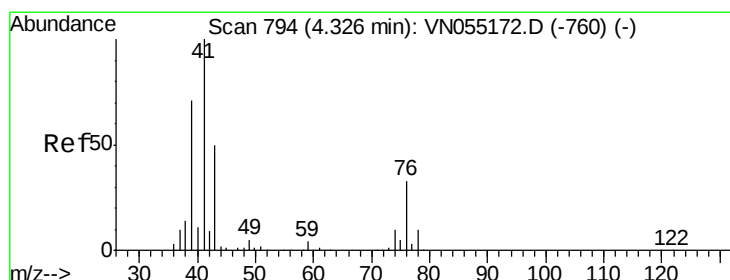
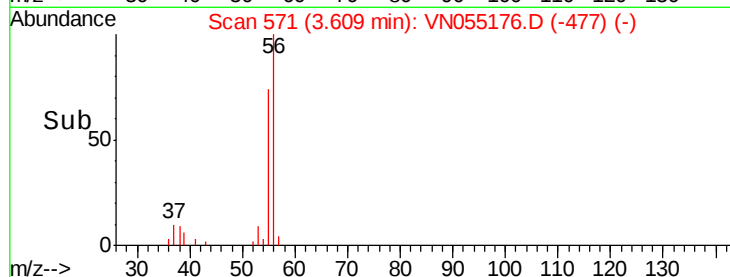
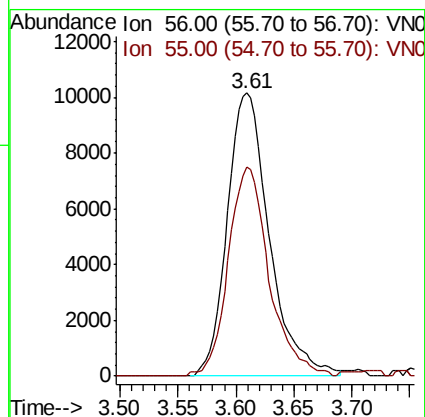
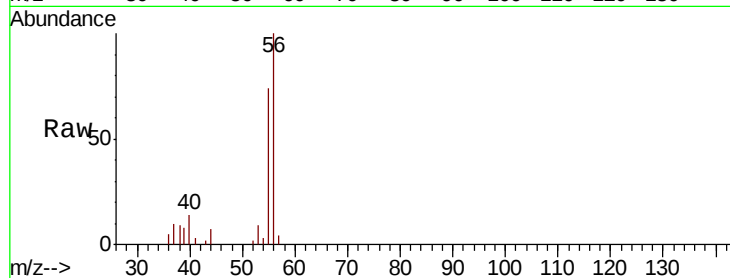
VSTDIC010

Tot Ion: 56 Resp: 25683

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.0



#14

Allyl chloride

Concen: 10.294 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

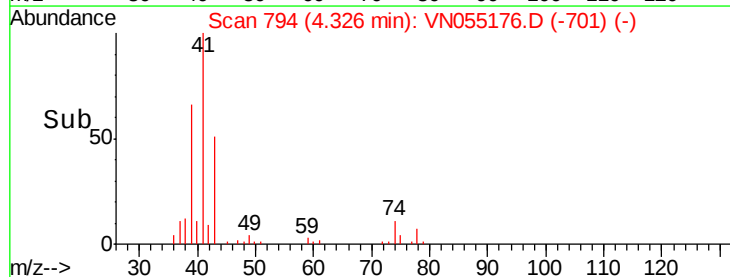
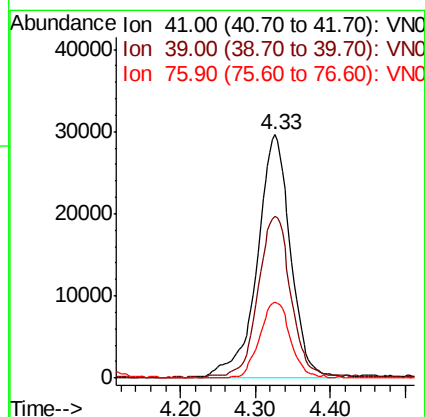
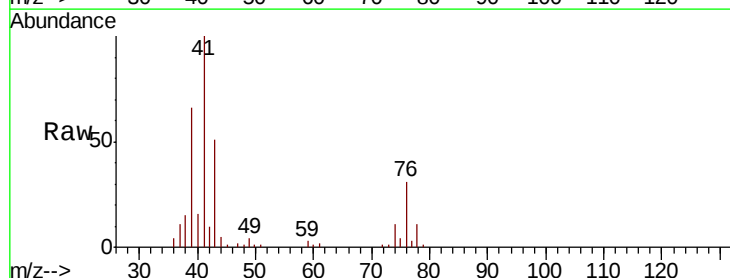
Tgt Ion: 41 Resp: 91955

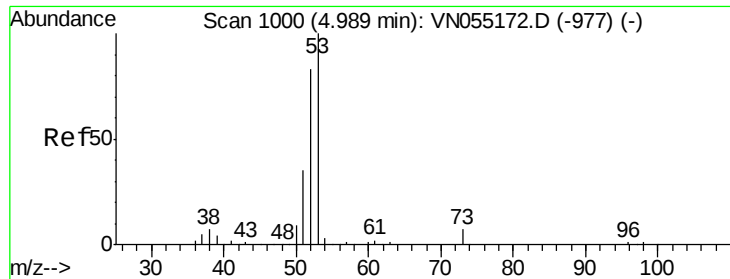
Ion Ratio Lower Upper

41 100

39 66.3 52.9 79.3

76 28.8 23.6 35.4





#15

Acrylonitrile

Concen: 51.721 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

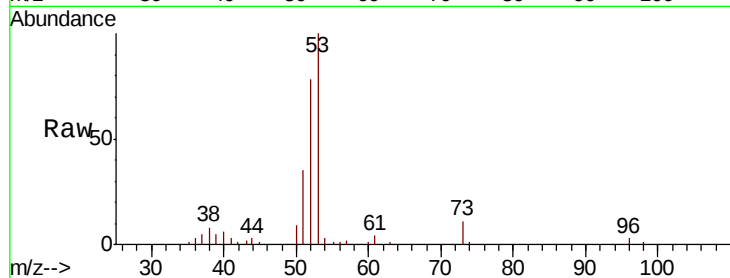
MSVOA_N

ClientSampleId :

VSTDIC010

Tot Ion: 53 Resp: 98447

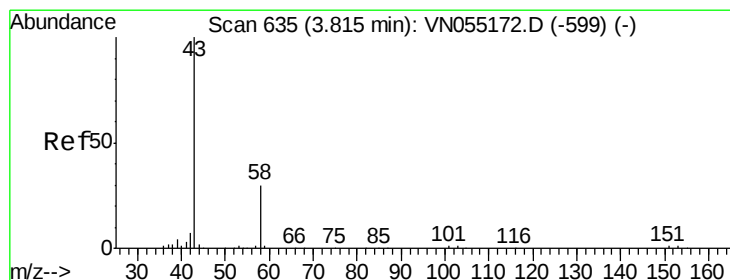
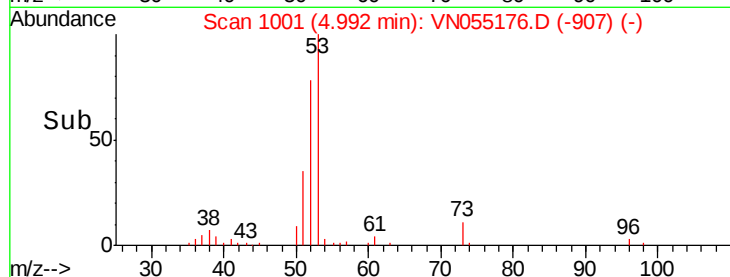
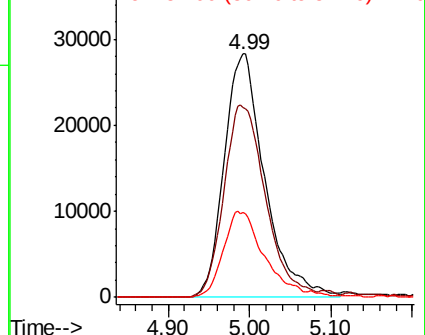
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.8	98.8
51	35.3	28.9	43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 42.895 ug/l

RT: 3.82 min Scan# 635

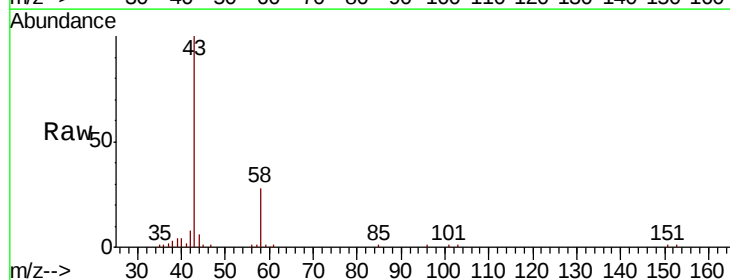
Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

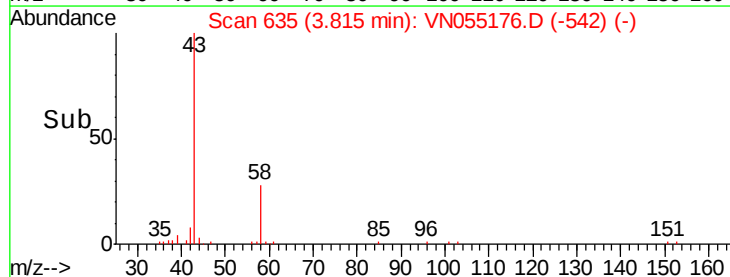
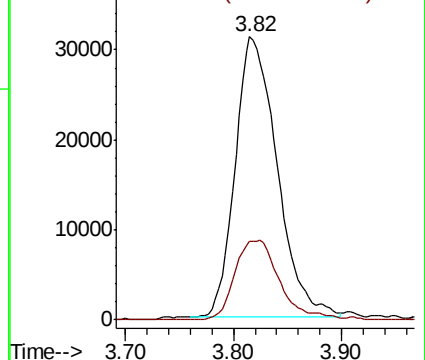
Tgt Ion: 43 Resp: 84301

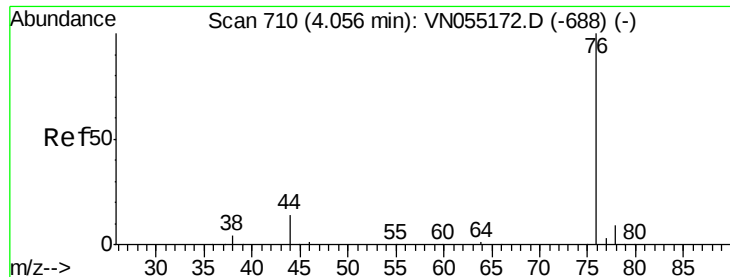
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 10.443 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampled :

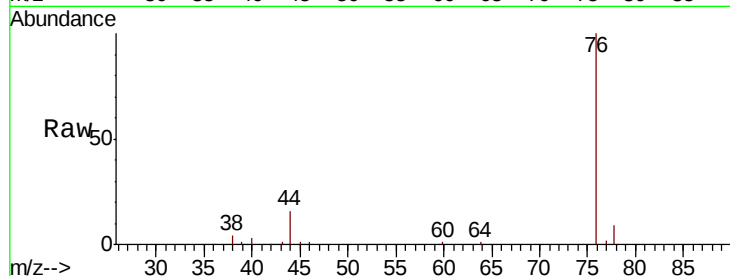
VSTDIC010

Tot Ion: 76 Resp: 131931

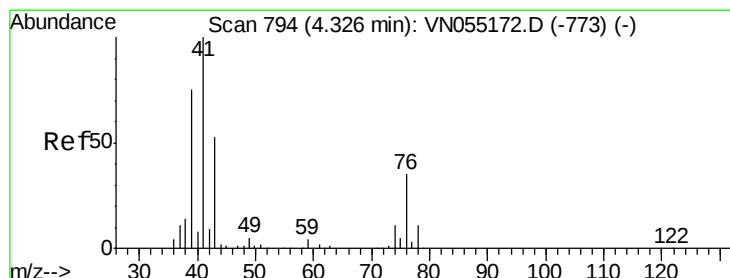
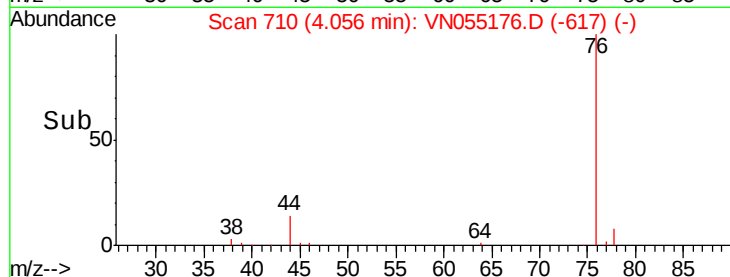
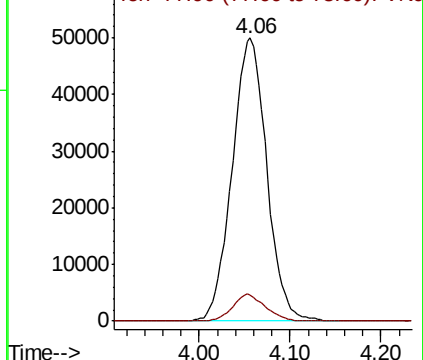
Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 8.774 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055176.D

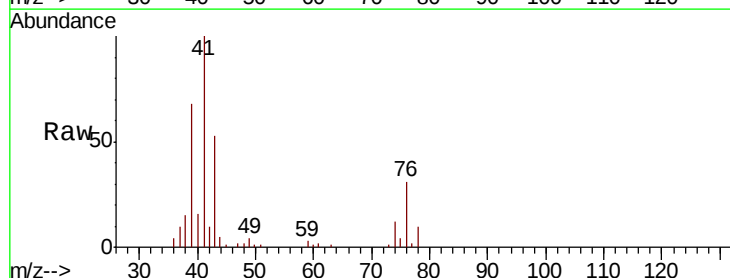
Acq: 22 Apr 2019 12:23

Tgt Ion: 43 Resp: 47591

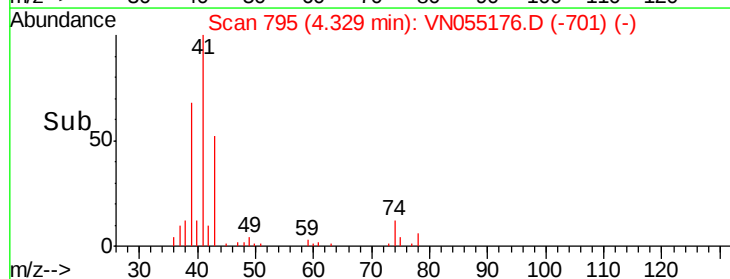
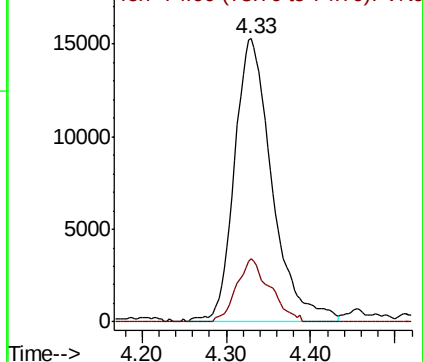
Ion Ratio Lower Upper

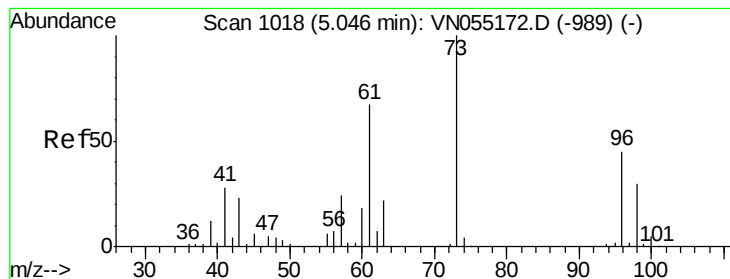
43 100

74 19.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



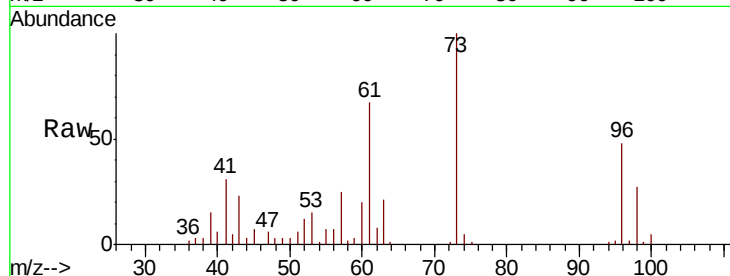


#19

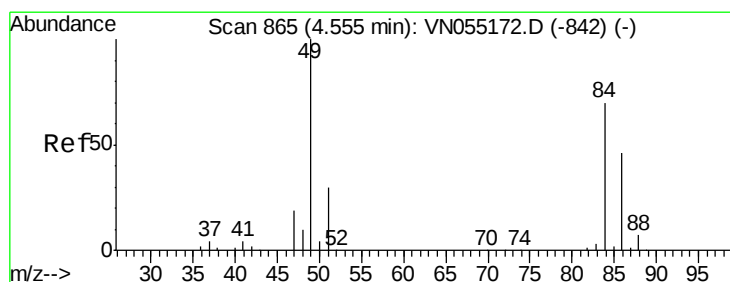
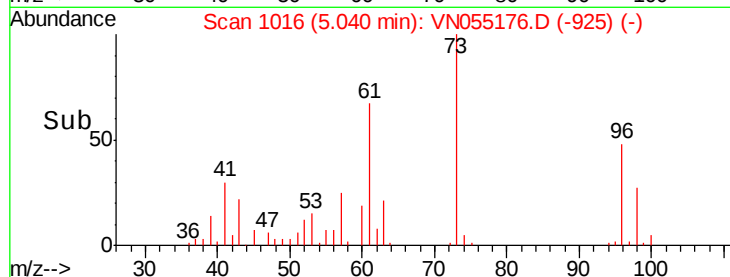
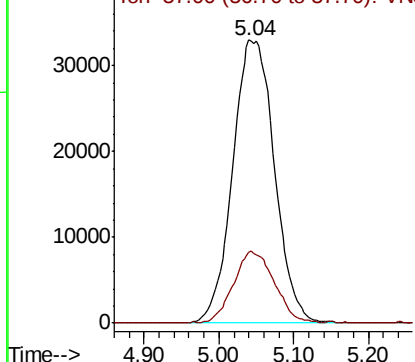
Methyl tert-butyl Ether
 Concen: 10.239 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tot Ion: 73 Resp: 127928
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.5 29.3



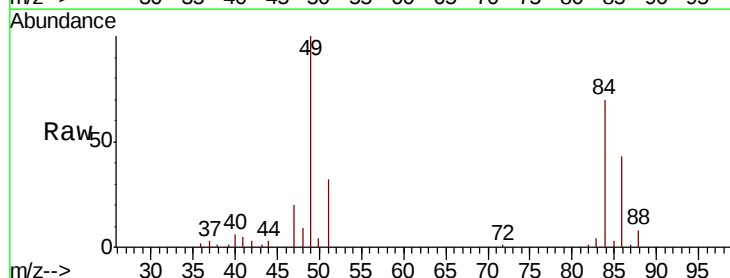
Abundance Ion 73.00 (72.70 to 73.70): VN055172.D (-989) (-)
 Ion 57.00 (56.70 to 57.70): VN055172.D (-989) (-)



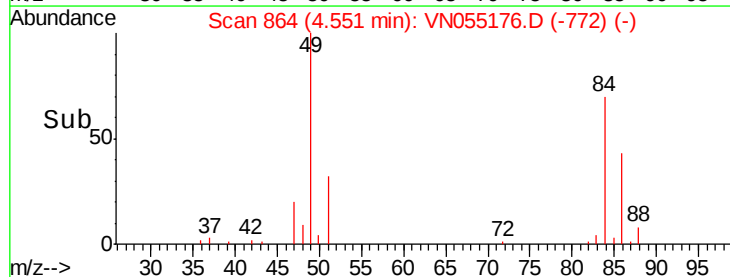
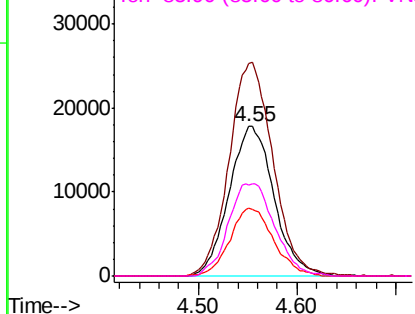
#20

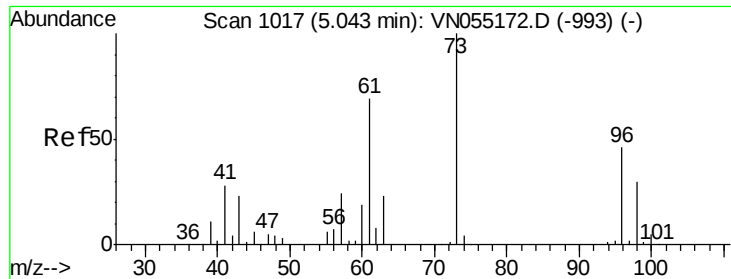
Methylene Chloride
 Concen: 9.958 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion: 84 Resp: 56259
 Ion Ratio Lower Upper
 84 100
 49 142.0 113.8 170.6
 51 45.0 34.0 51.0
 86 60.9 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VN055172.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN055172.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN055172.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN055172.D (-842) (-)

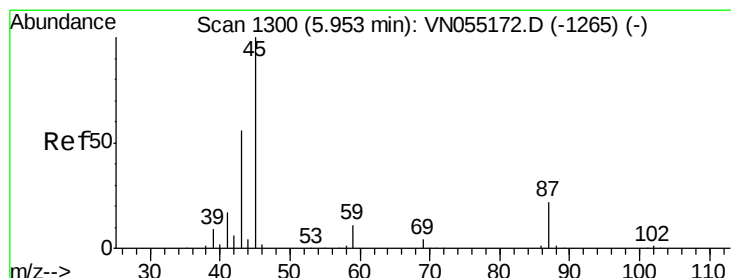
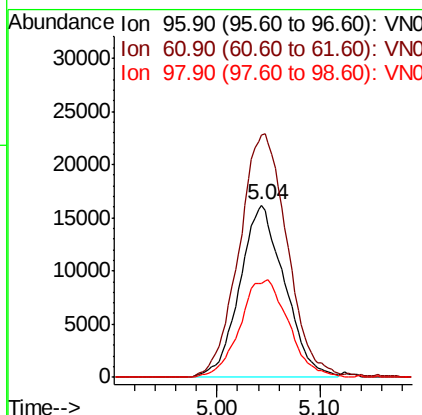
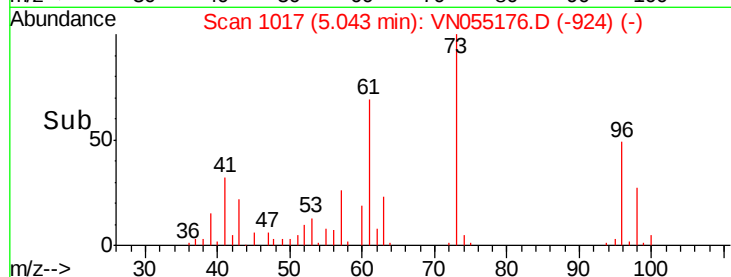
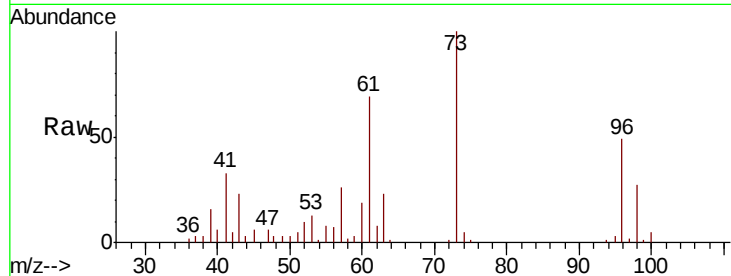




#21
trans-1,2-Dichloroethene
Concen: 10.322 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

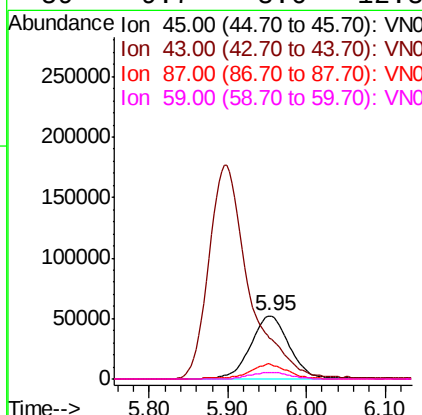
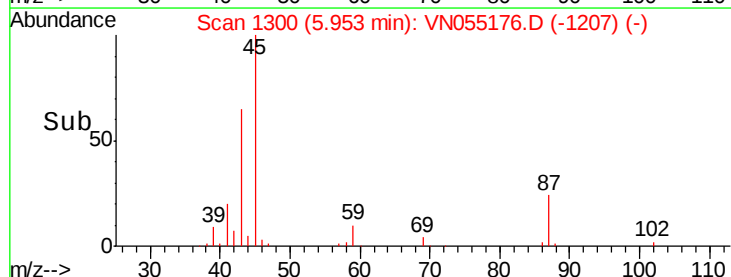
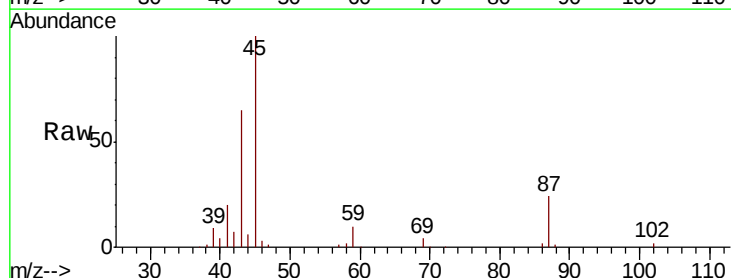
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

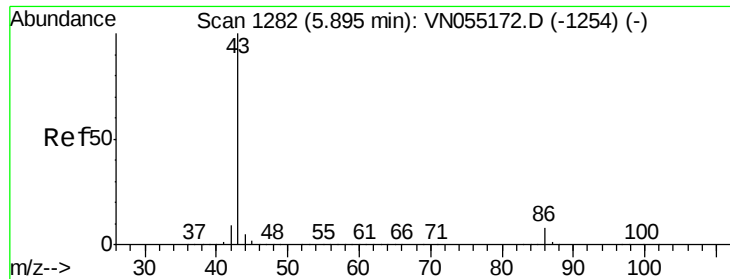
Tot Ion: 96 Resp: 48913
Ion Ratio Lower Upper
96 100
61 140.5 119.3 178.9
98 54.4 53.0 79.4



#22
Diisopropyl ether
Concen: 10.183 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 45 Resp: 181325
Ion Ratio Lower Upper
45 100
43 62.1 47.4 71.0
87 23.5 18.4 27.6
59 9.7 8.6 12.8

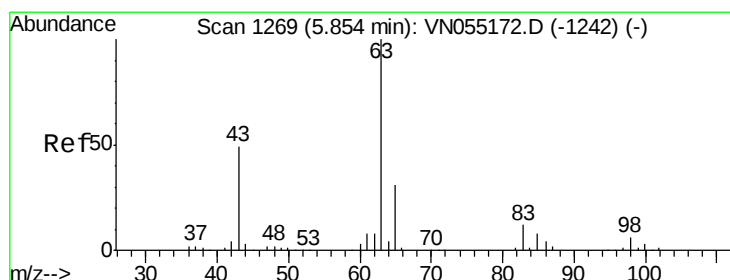
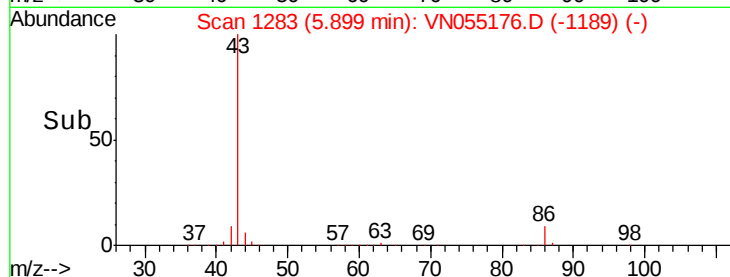
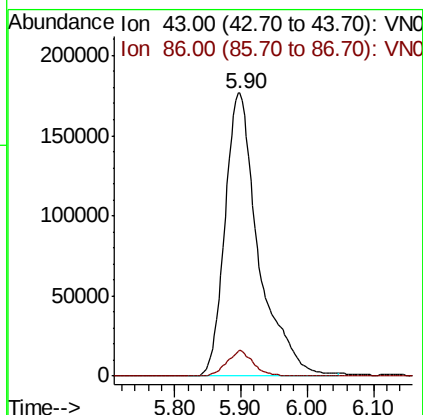
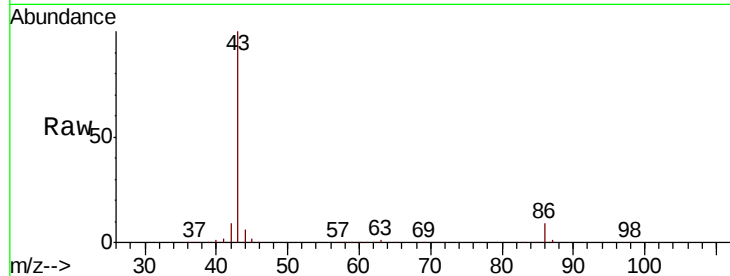




#23
 Vinyl Acetate
 Concen: 52.009 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

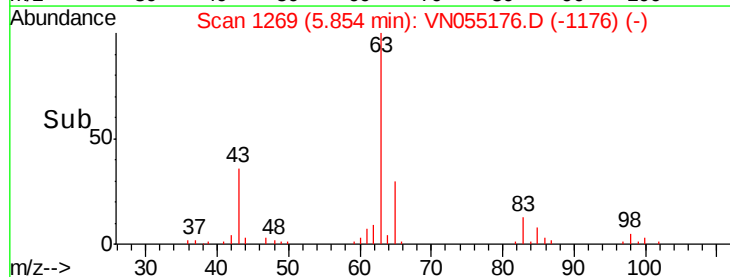
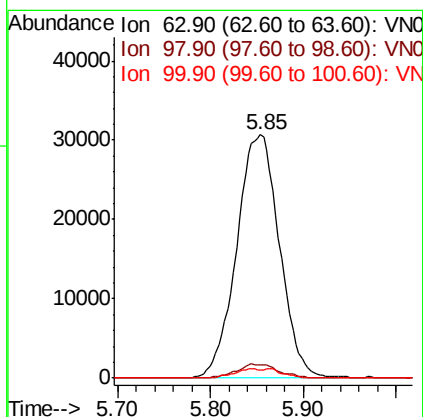
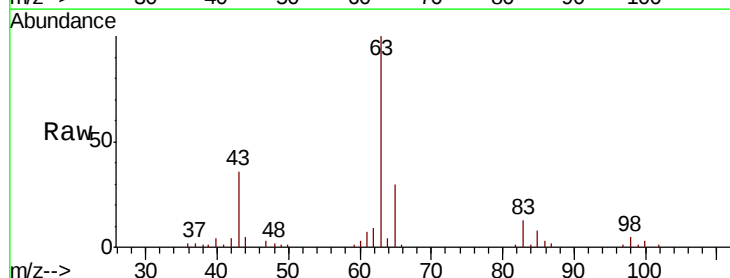
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

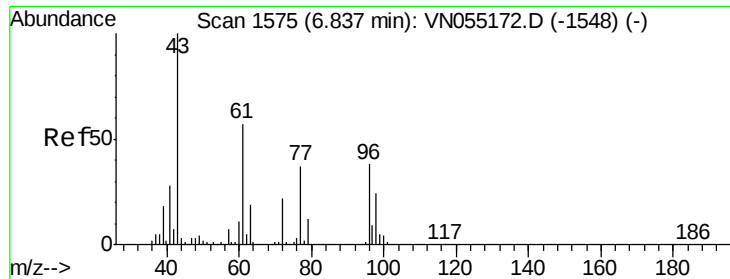
Tot Ion: 43 Resp: 622339
 Ion Ratio Lower Upper
 43 100
 86 9.2 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 10.264 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion: 63 Resp: 98309
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.1 9.3
 100 3.4 1.8 5.3

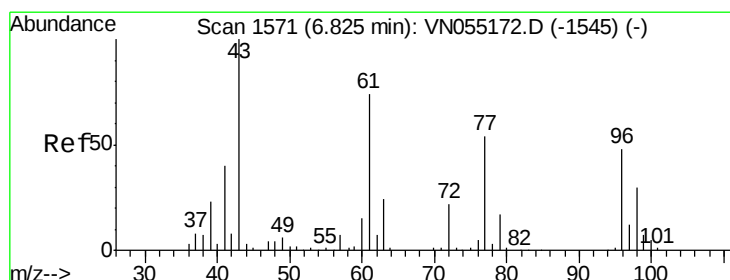
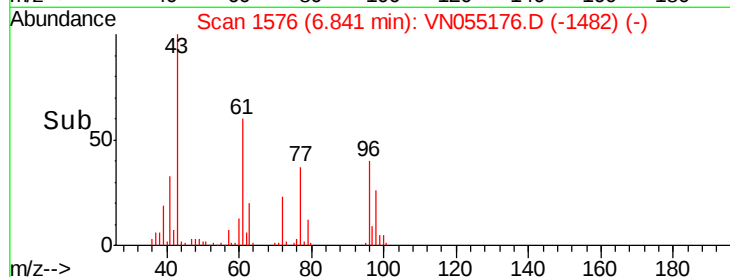
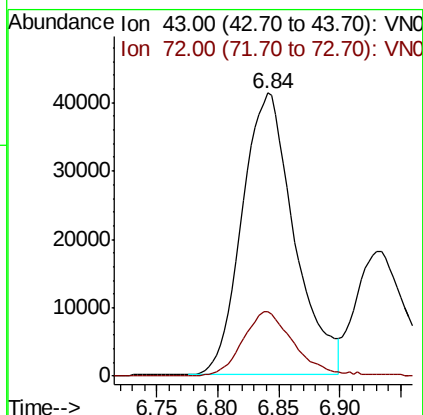
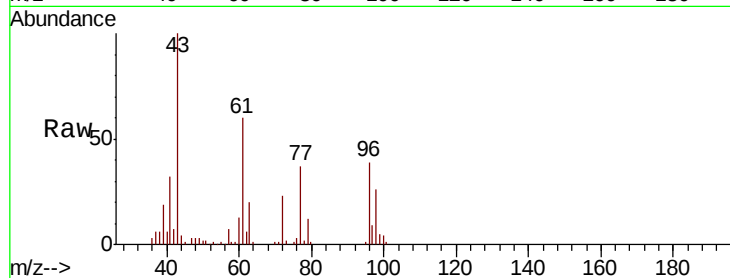




#25
2-Butanone
Concen: 48.248 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

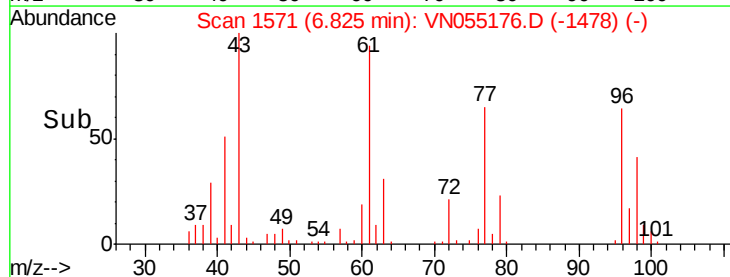
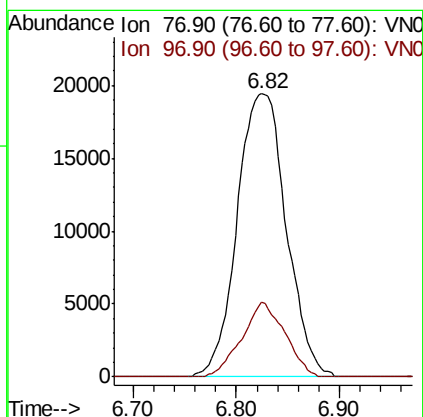
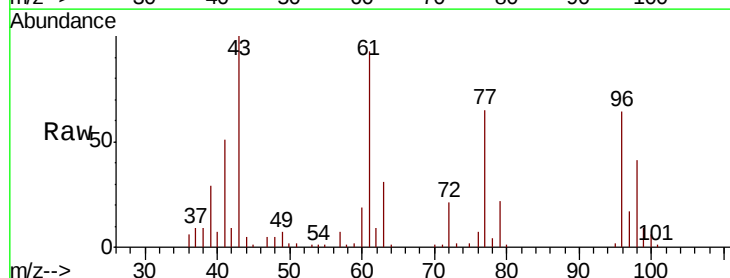
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

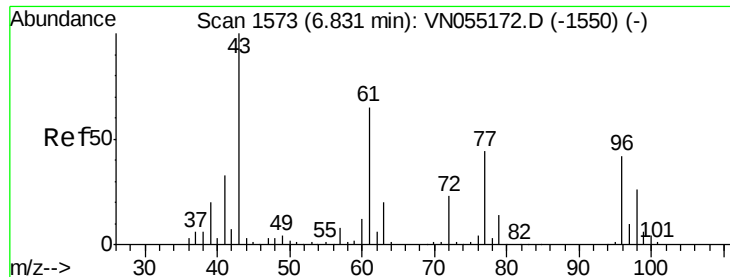
Tot Ion: 43 Resp: 122416
Ion Ratio Lower Upper
43 100
72 23.1 17.8 26.8



#26
2,2-Dichloropropane
Concen: 9.907 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 77 Resp: 64212
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 10.233 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

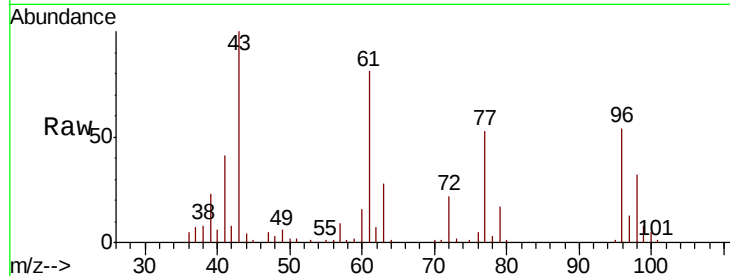
Tot Ion: 96 Resp: 55896

Ion Ratio Lower Upper

96 100

61 153.3 0.0 310.8

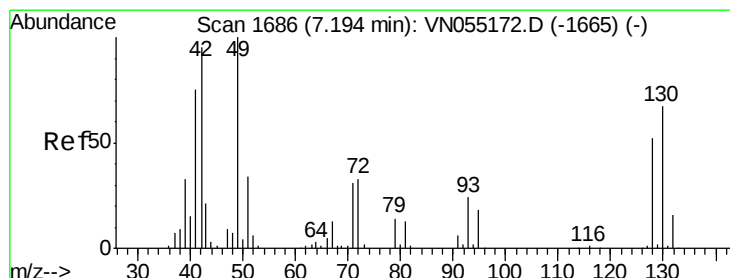
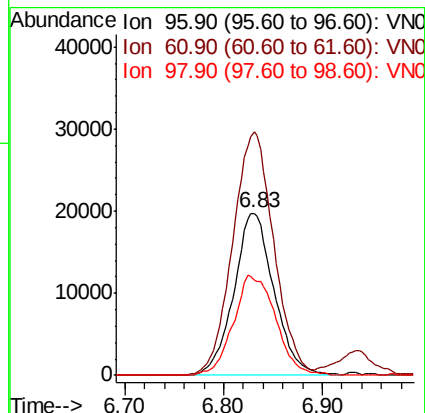
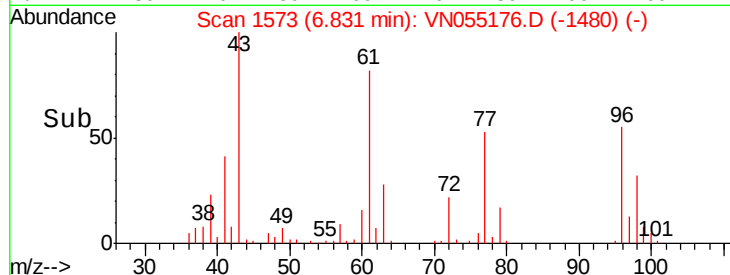
98 64.7 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 10.380 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

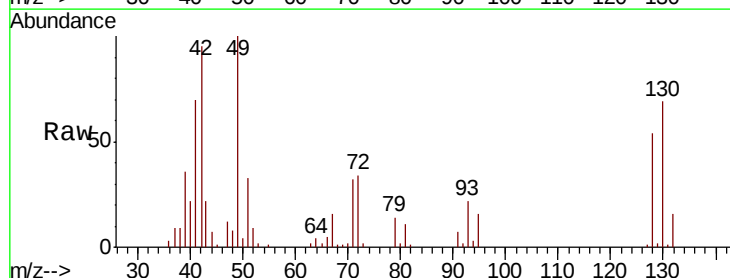
Tgt Ion: 49 Resp: 50678

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.8

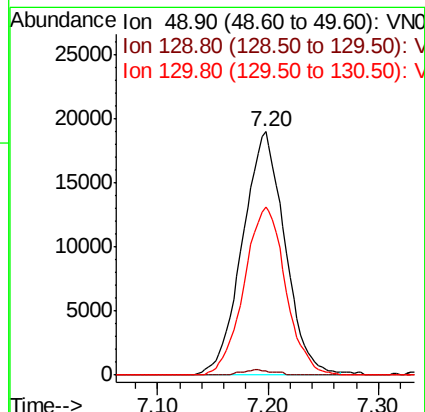
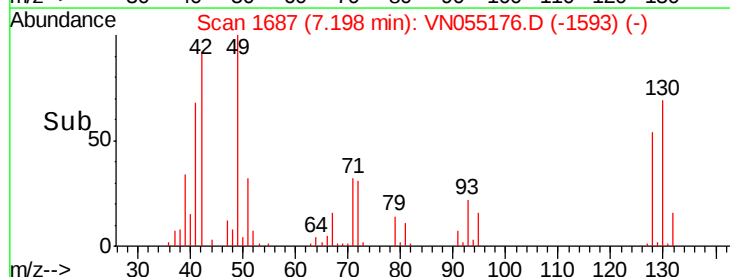
130 67.7 53.4 80.2

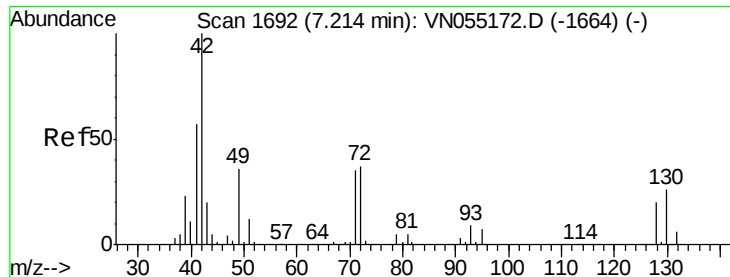


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 46.973 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

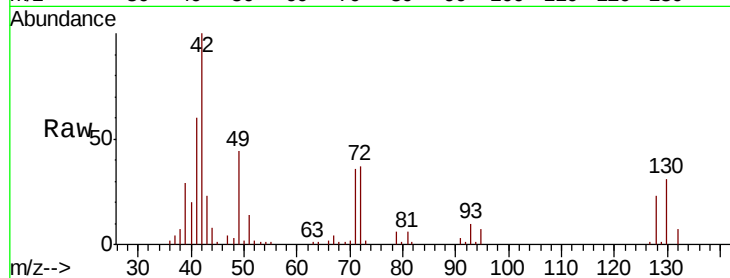
Tot Ion: 42 Resp: 74909

Ion Ratio Lower Upper

42 100

72 39.1 29.4 44.2

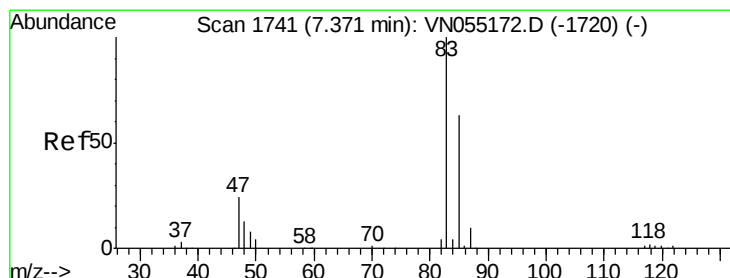
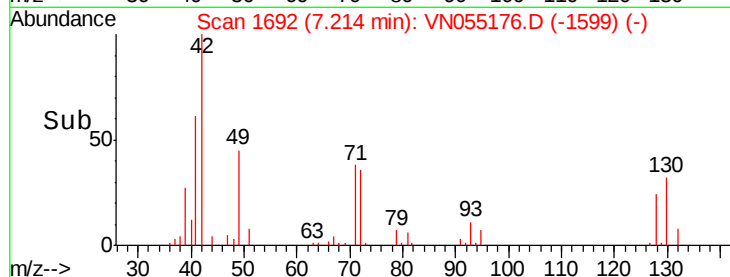
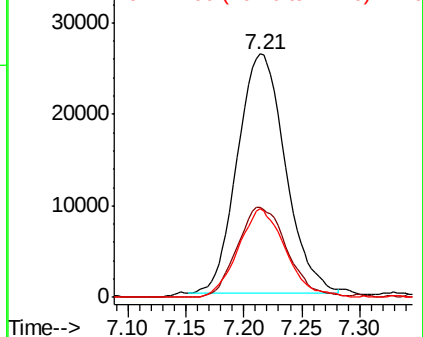
71 36.7 27.8 41.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 10.104 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055176.D

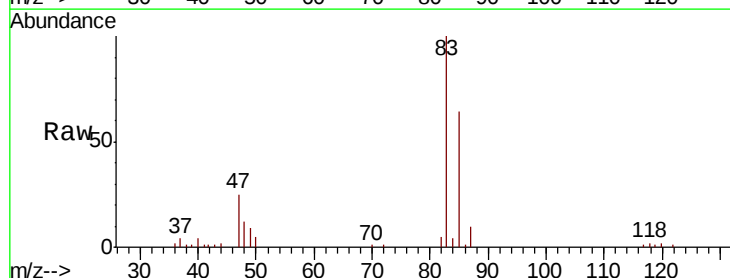
Acq: 22 Apr 2019 12:23

Tgt Ion: 83 Resp: 92056

Ion Ratio Lower Upper

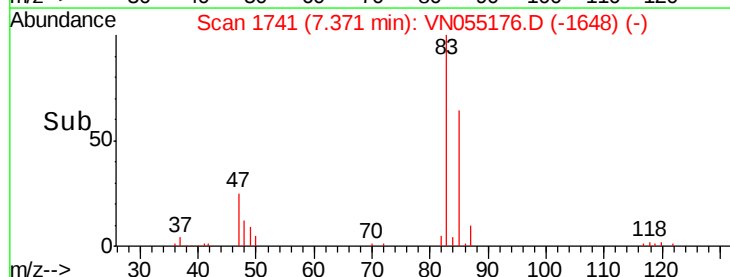
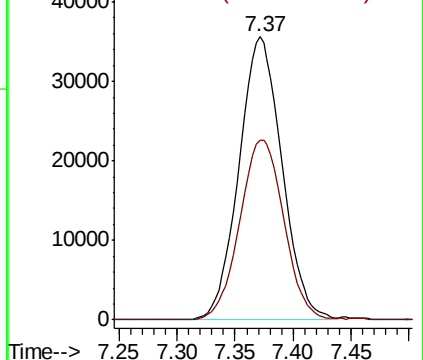
83 100

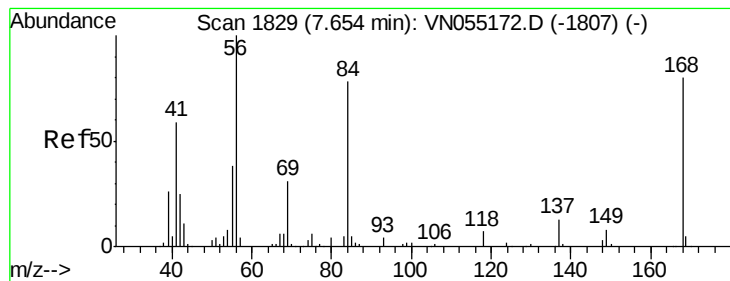
85 63.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 9.341 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

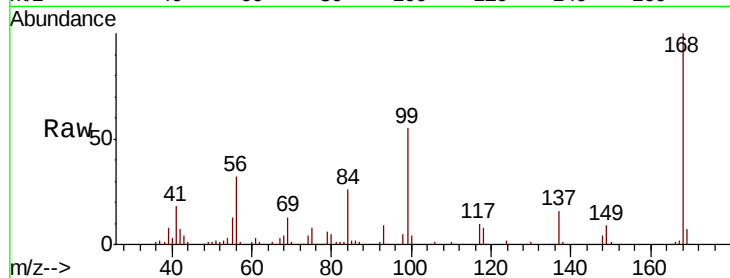
Tot Ion: 56 Resp: 102725

Ion Ratio Lower Upper

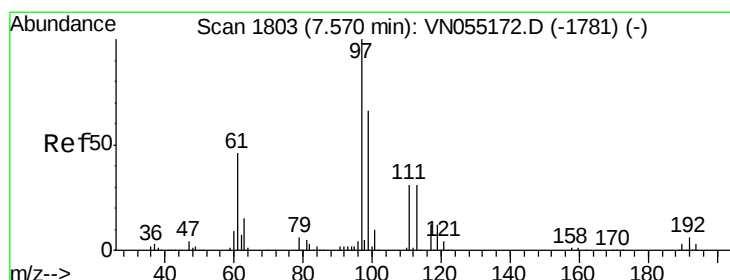
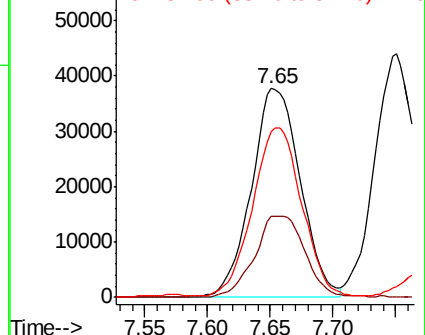
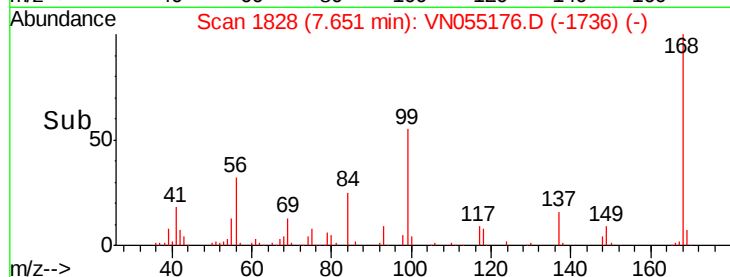
56 100

69 39.0 24.6 37.0#

84 78.7 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 10.284 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

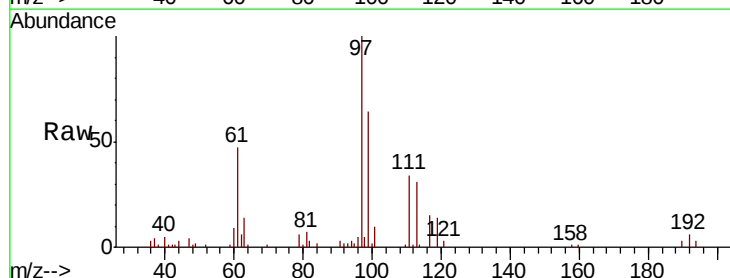
Tgt Ion: 97 Resp: 75272

Ion Ratio Lower Upper

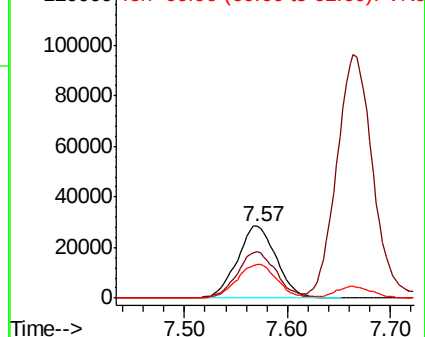
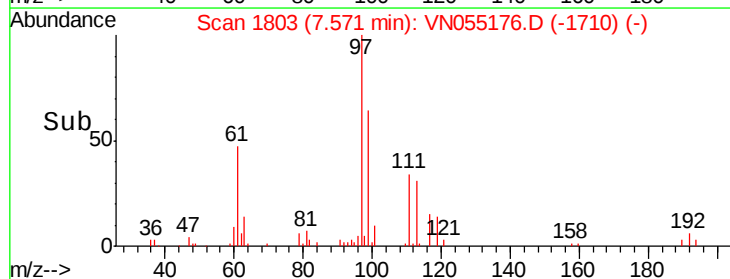
97 100

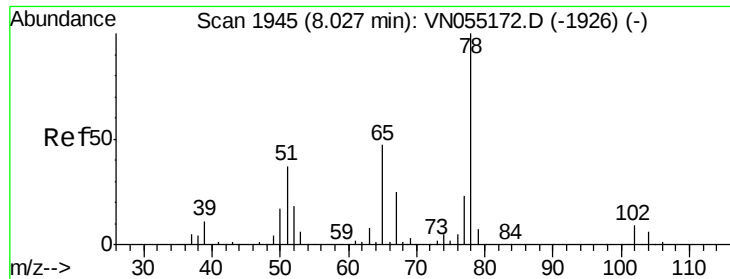
99 63.9 51.1 76.7

61 48.1 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 9.655 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

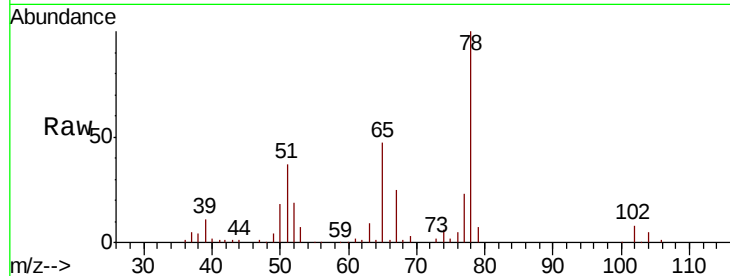
VSTDIC010

Tot Ion: 65 Resp: 62246

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055176.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055176.D (-1926) (-)

8.03

25000

20000

15000

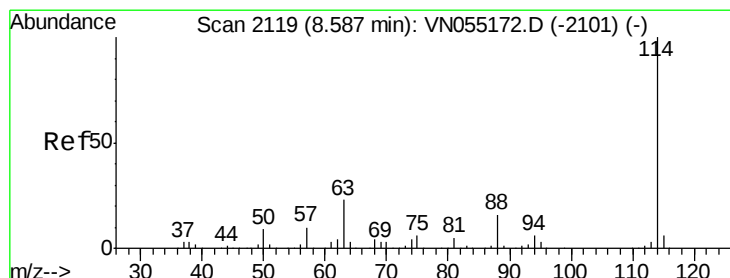
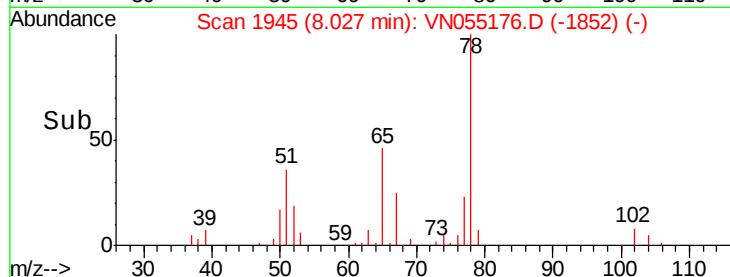
10000

5000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

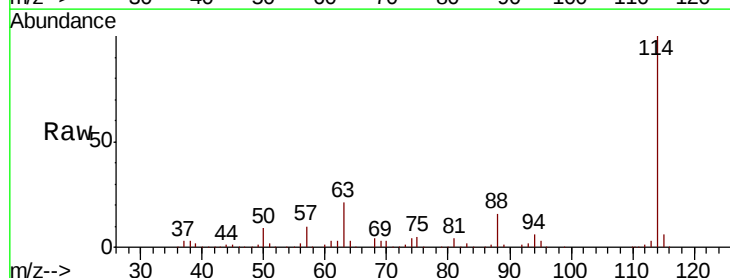
Tgt Ion: 114 Resp: 702160

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.2

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN055176.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055176.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055176.D (-2101) (-)

8.59

400000

300000

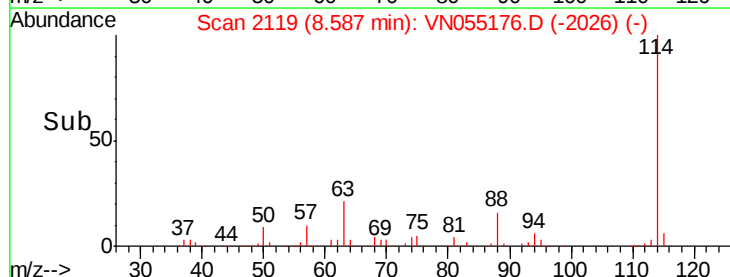
200000

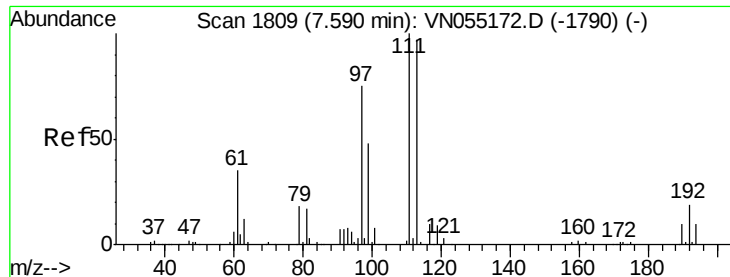
100000

0

8.50 8.60 8.70 8.80

Time-->

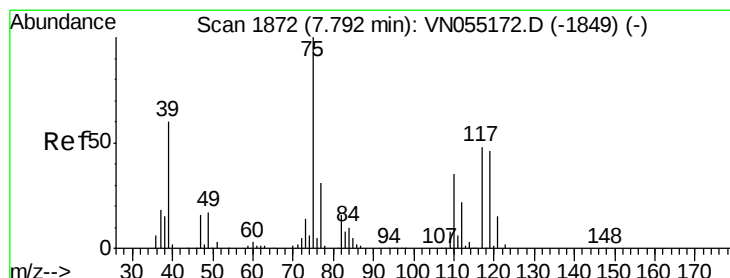
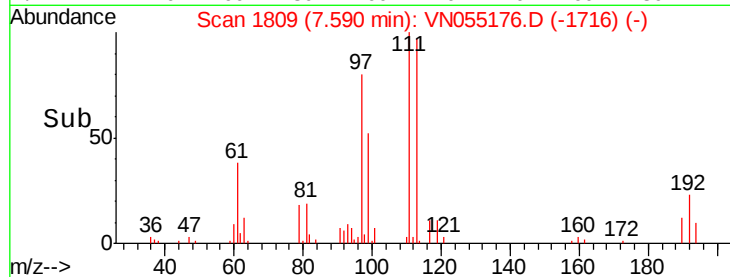
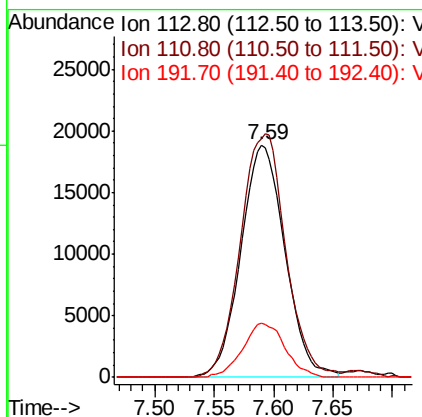
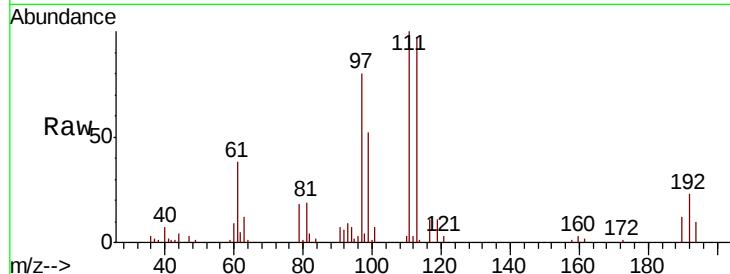




#35
 Dibromofluoromethane
 Concen: 9.626 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

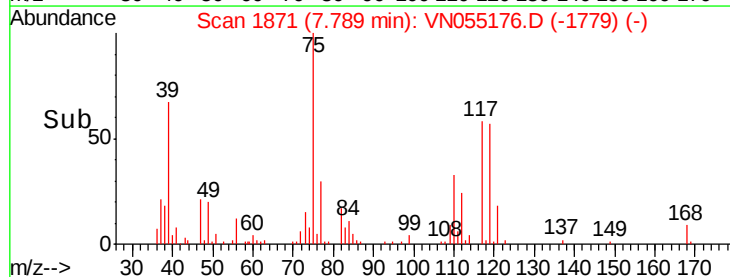
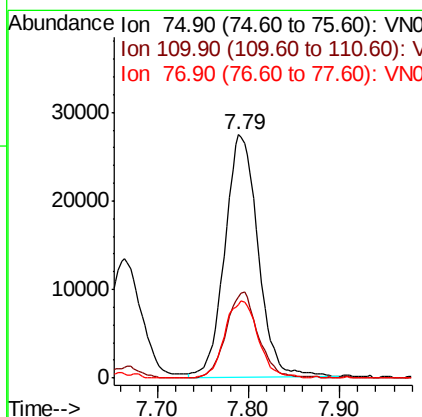
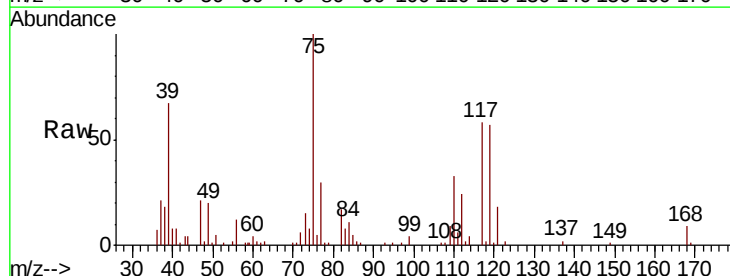
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

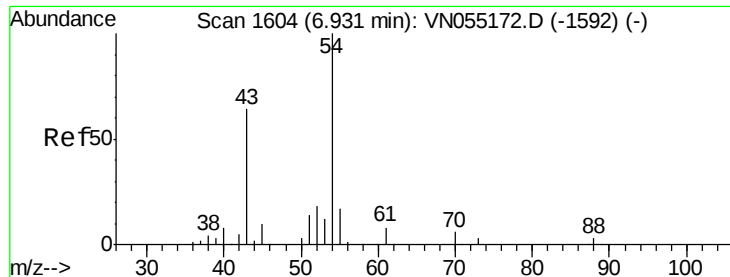
Tot Ion	Ratio	Lower	Upper
113	100		
111	108.2	81.0	121.4
192	22.4	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 10.656 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.2
77	32.1	24.6	36.8

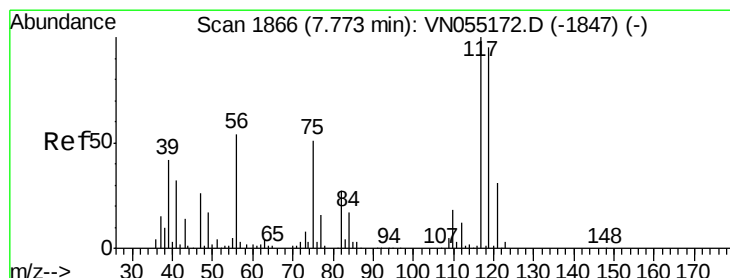
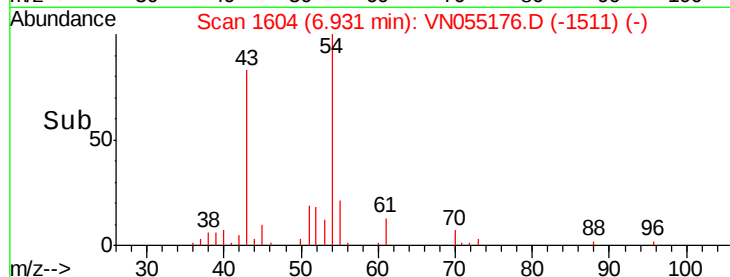
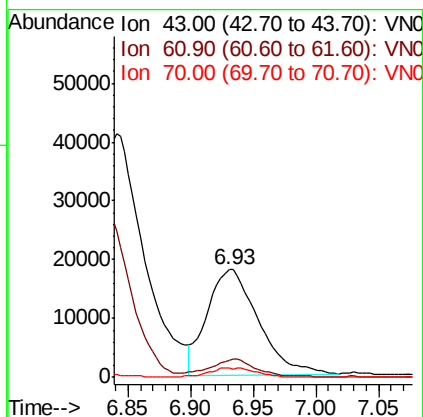
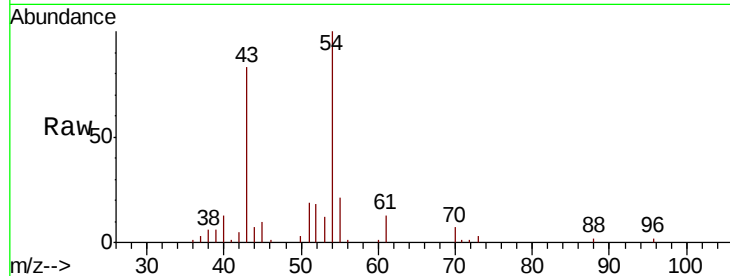




#37
Ethyl Acetate
Concen: 9.301 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

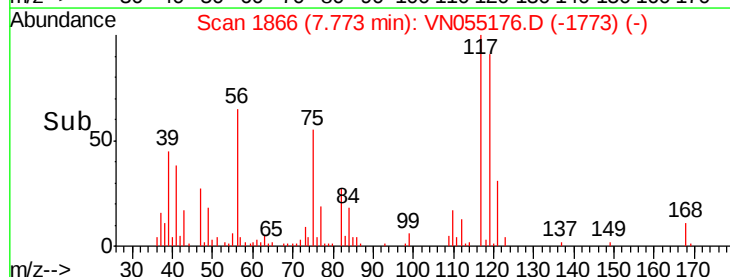
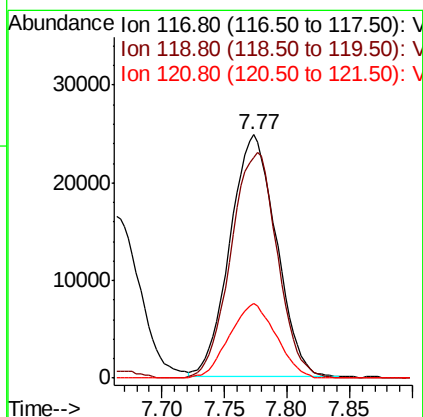
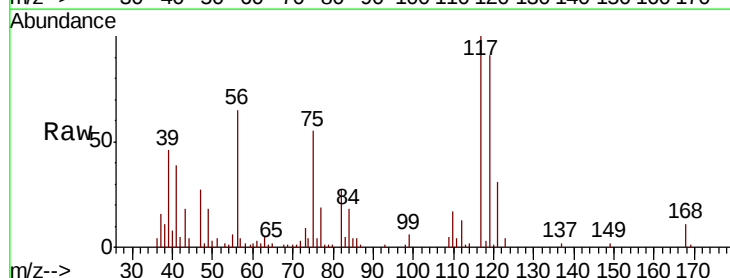
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

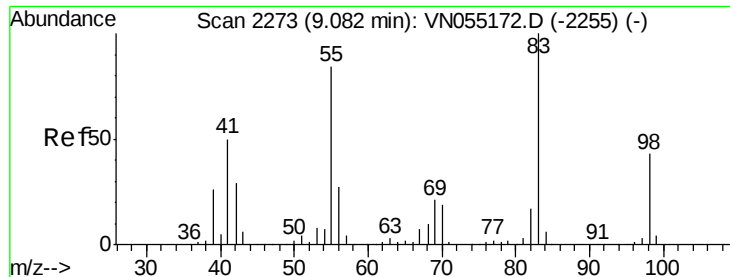
Tot Ion: 43 Resp: 50646
Ion Ratio Lower Upper
43 100
61 16.3 9.7 14.5#
70 4.4 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 9.742 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 117 Resp: 63438
Ion Ratio Lower Upper
117 100
119 91.4 76.0 114.0
121 30.8 24.6 36.8

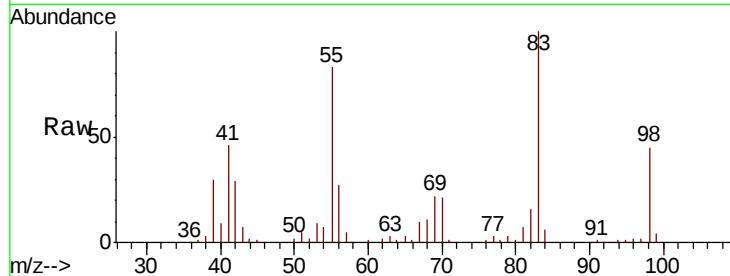




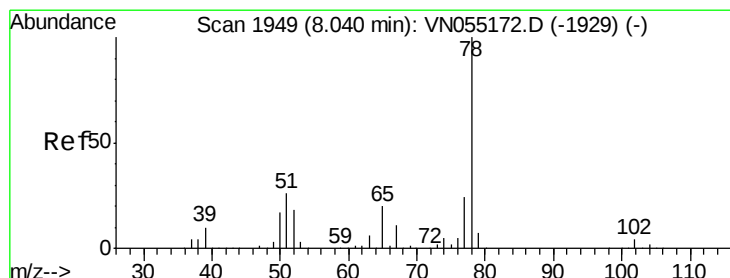
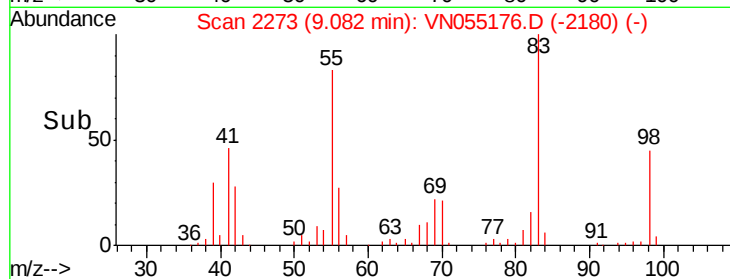
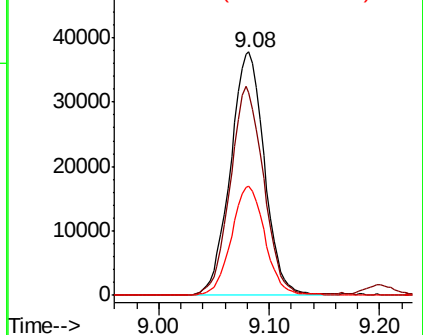
#39
Methvlcvclohexane
Concen: 10.380 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tot Ion: 83 Resp: 80706
Ion Ratio Lower Upper
83 100
55 83.0 67.4 101.0
98 45.1 34.7 52.1

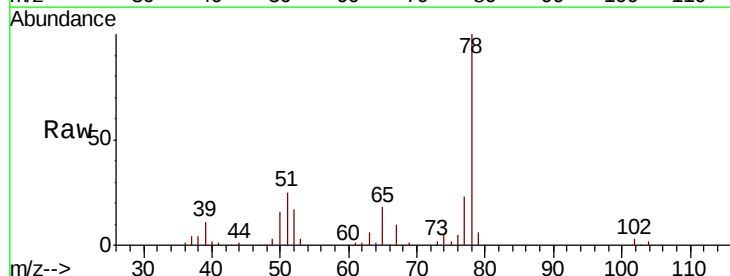


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

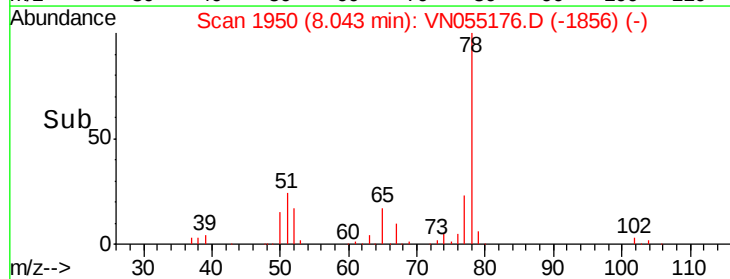
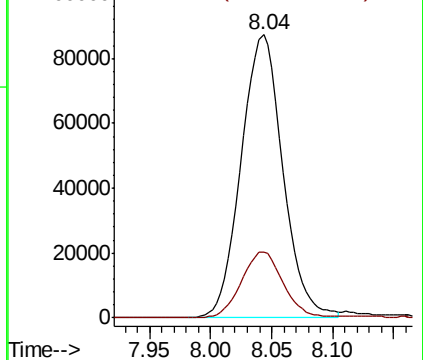


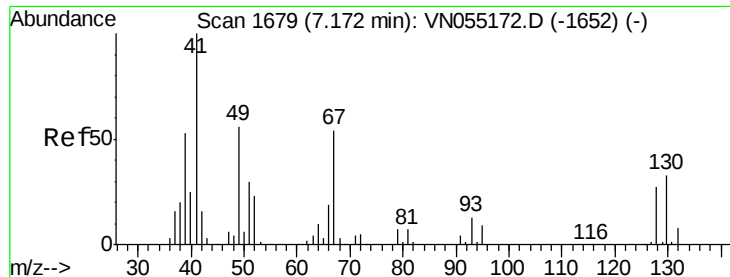
#40
Benzene
Concen: 10.283 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 78 Resp: 206882
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

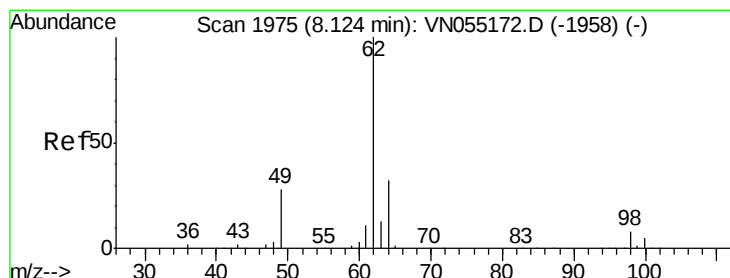
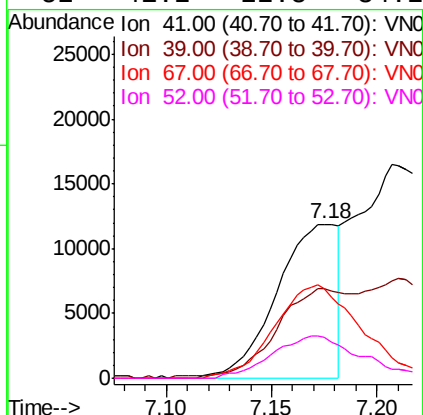
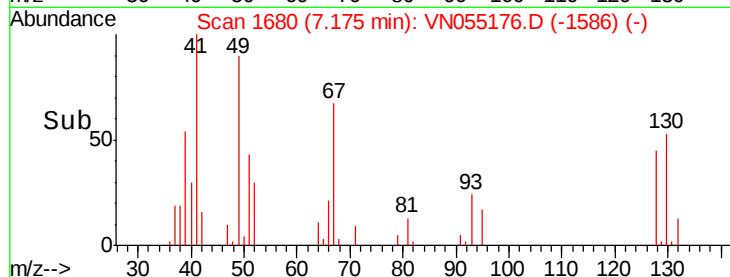
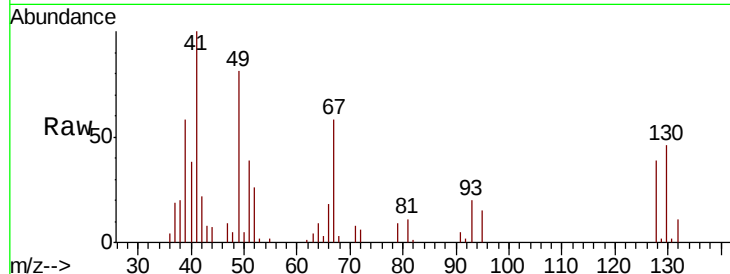




#41
Methacrylonitrile
Concen: 8.902 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

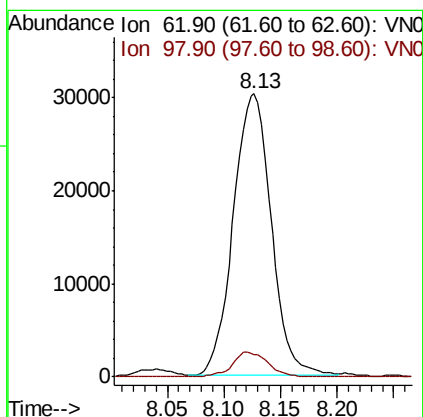
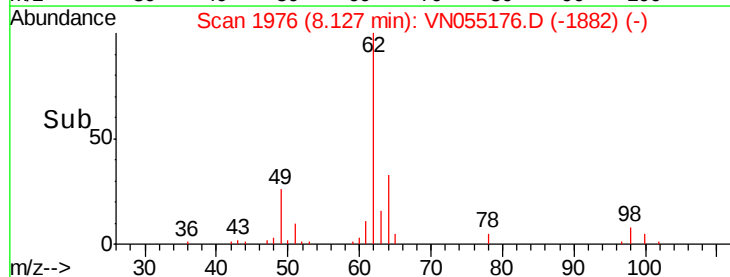
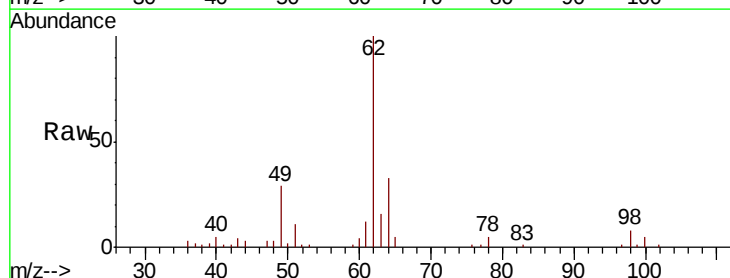
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

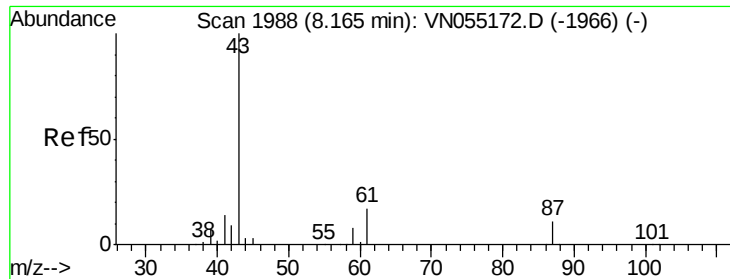
Tot Ion: 41 Resp: 23897
Ion Ratio Lower Upper
41 100
39 65.0 45.4 68.0
67 85.3 54.6 81.8#
52 41.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 10.112 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 62 Resp: 70973
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.0





#43

Isopropyl Acetate

Concen: 10.744 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

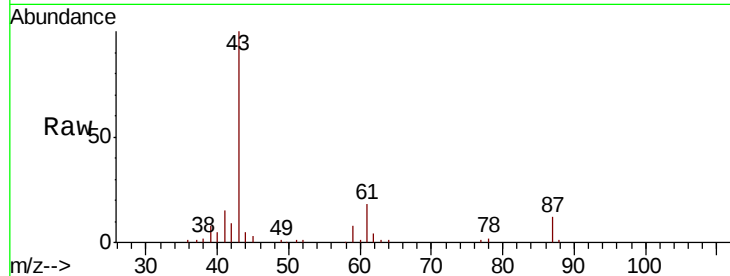
Tot Ion: 43 Resp: 91502

Ion Ratio Lower Upper

43 100

61 18.4 20.6 30.8#

87 11.0 8.8 13.2

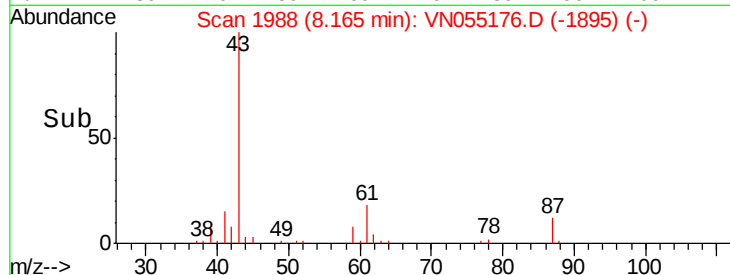


Abundance Ion 43.00 (42.70 to 43.70): VN055176.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055176.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055176.D (-1966) (-)

Time-->



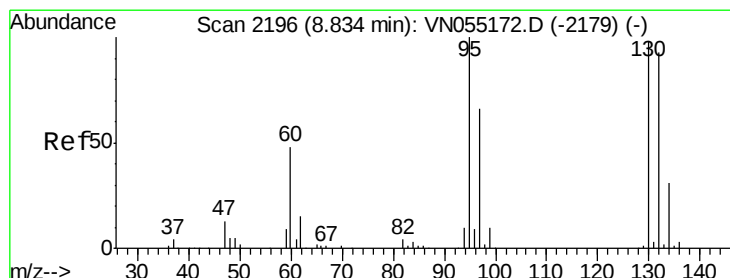
Abundance

Ion 43.00 (42.70 to 43.70): VN055176.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN055176.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN055176.D (-1895) (-)

Time-->



#44

Trichloroethene

Concen: 10.334 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055176.D

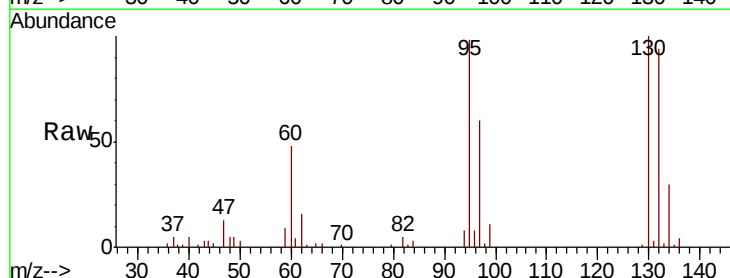
Acq: 22 Apr 2019 12:23

Tgt Ion: 130 Resp: 52544

Ion Ratio Lower Upper

130 100

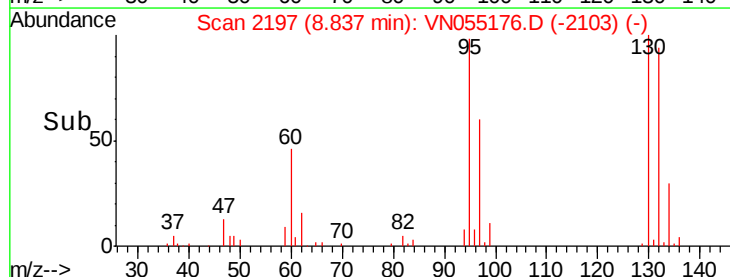
95 97.8 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055176.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055176.D (-2179) (-)

Time-->

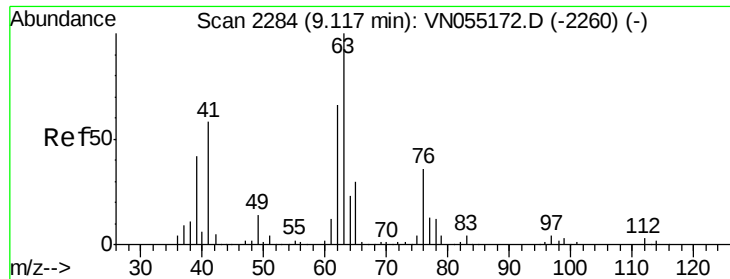


Abundance

Ion 129.80 (129.50 to 130.50): VN055176.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055176.D (-2103) (-)

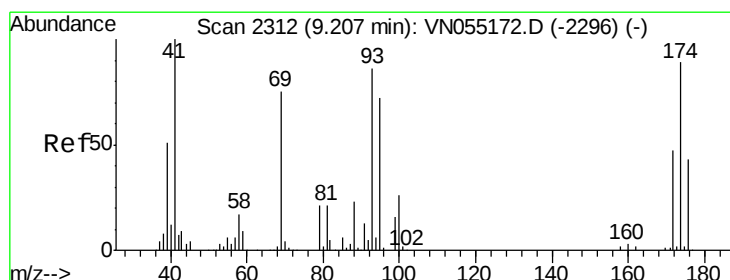
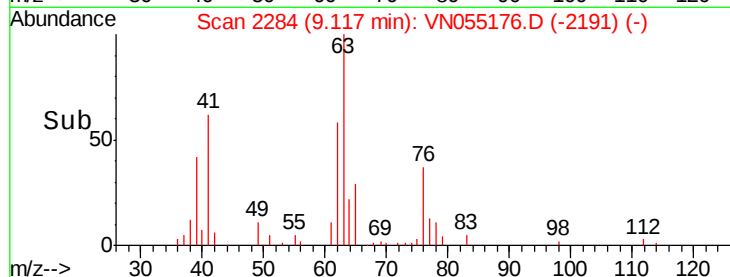
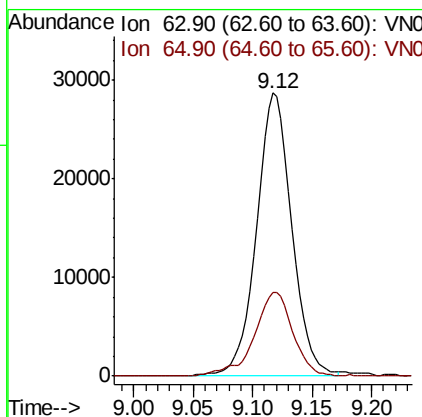
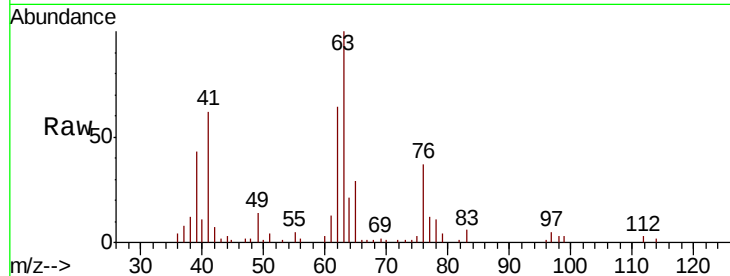
Time-->



#45
 1,2-Dichloropropane
 Concen: 10.377 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

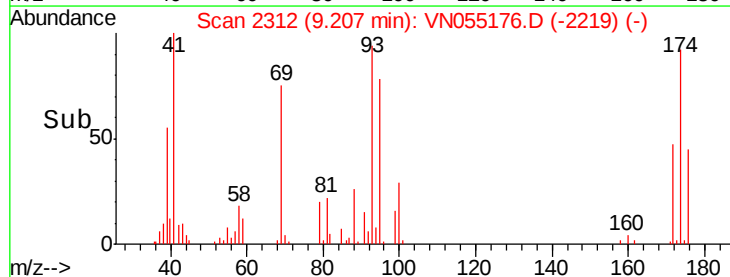
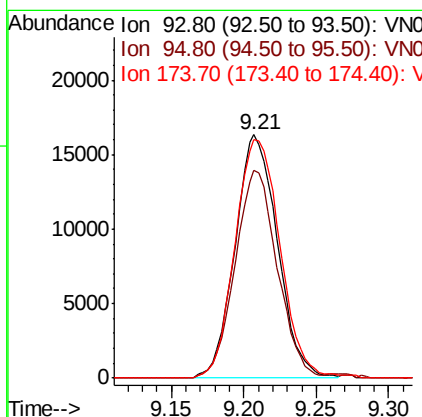
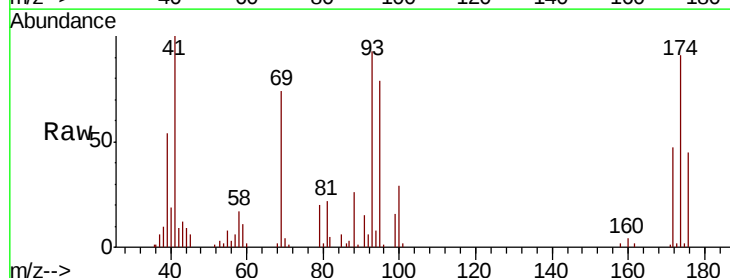
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

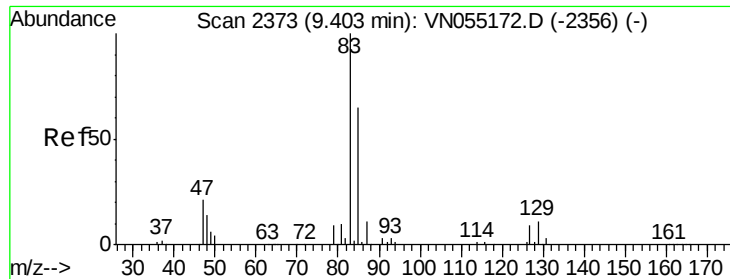
Tot Ion: 63 Resp: 58931
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.6



#46
 Dibromomethane
 Concen: 10.245 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion: 93 Resp: 33305
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.6 101.4
 174 104.3 83.4 125.2





#47

Bromodichloromethane

Concen: 9.870 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

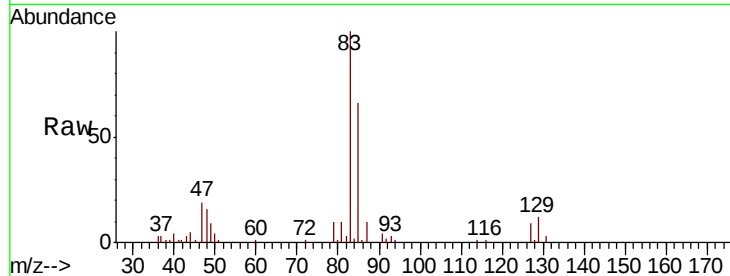
Tot Ion: 83 Resp: 64233

Ion Ratio Lower Upper

83 100

85 66.4 52.1 78.1

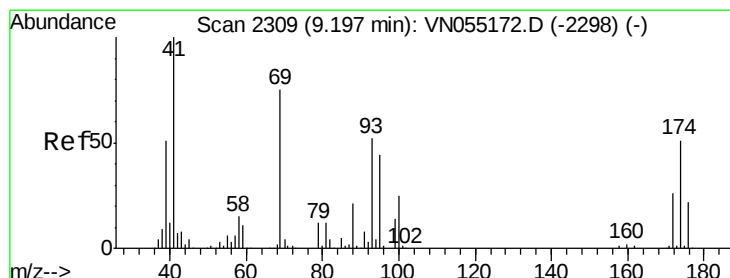
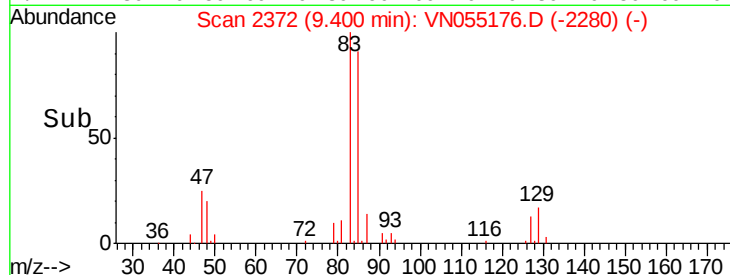
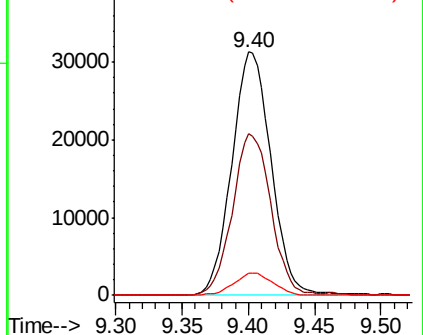
127 9.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN055176.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055176.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055176.D (-2356) (-)



#48

Methyl methacrylate

Concen: 9.934 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

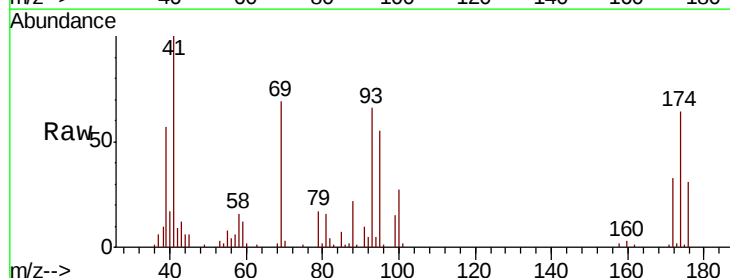
Tgt Ion: 41 Resp: 41042

Ion Ratio Lower Upper

41 100

69 74.7 63.6 95.4

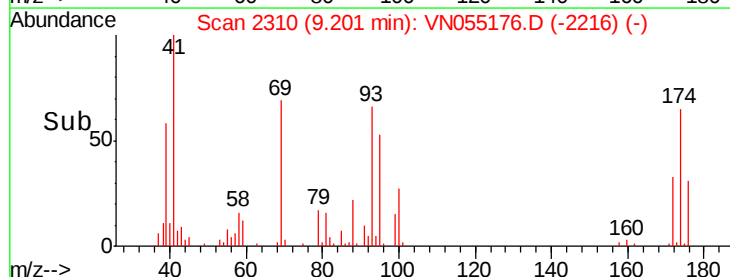
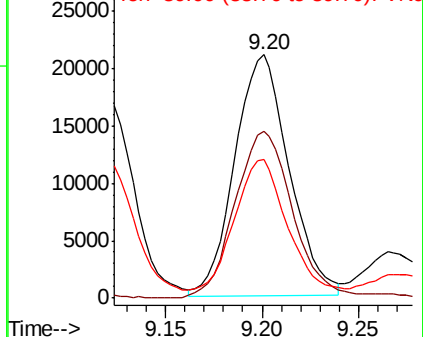
39 56.4 43.8 65.8

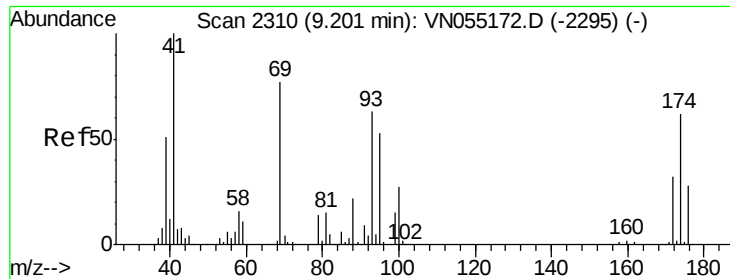


Abundance Ion 41.00 (40.70 to 41.70): VN055176.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055176.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055176.D (-2216) (-)

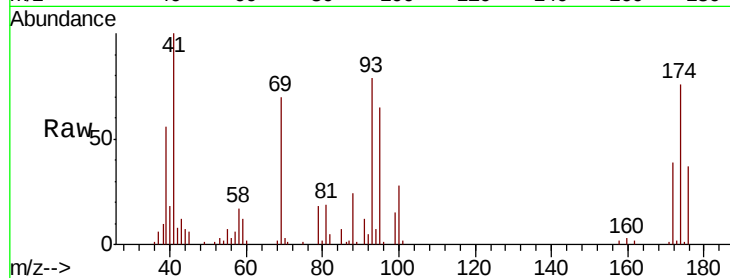




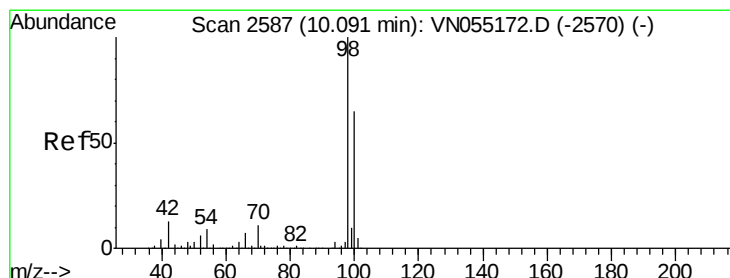
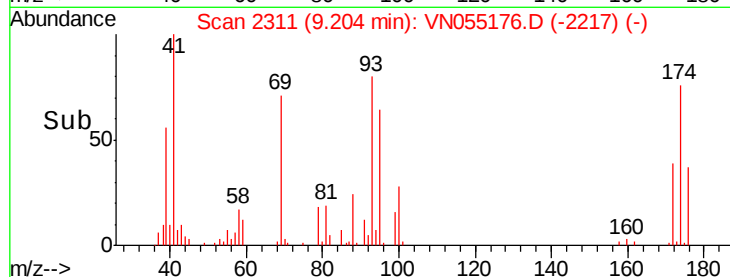
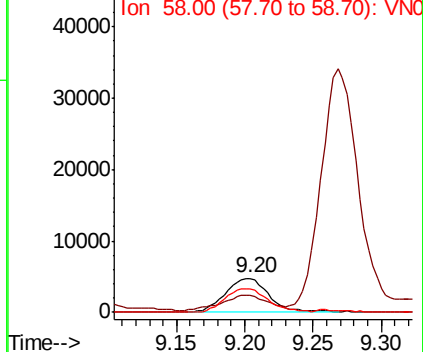
#49
1,4-Dioxane
Concen: 220.708 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 10530
Ion Ratio Lower Upper
88 100
43 47.4 32.0 48.0
58 68.8 60.4 90.6

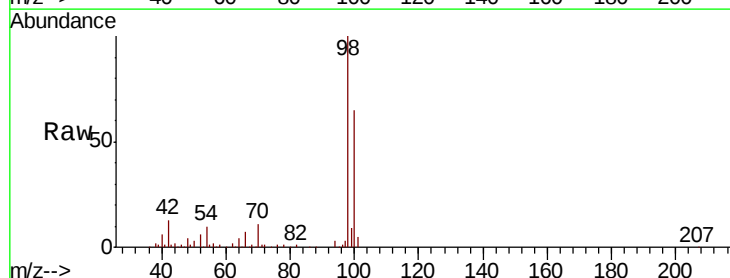


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

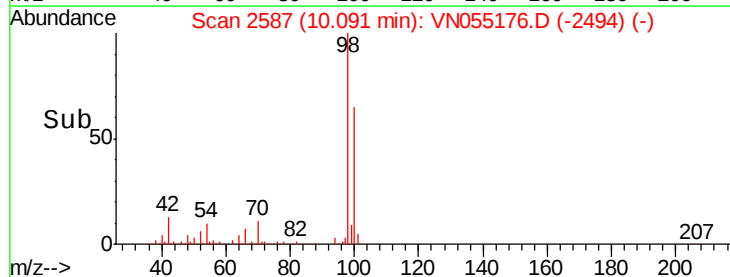
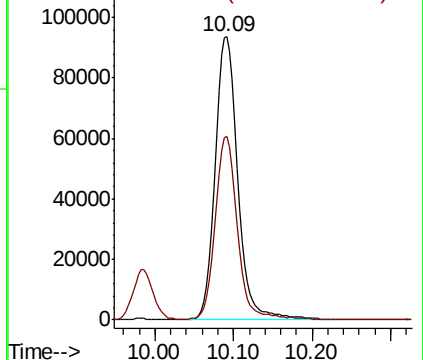


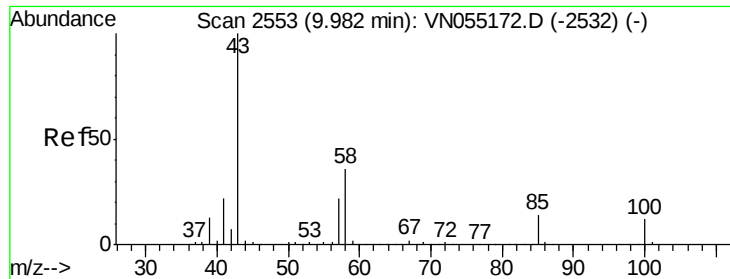
#50
Toluene-d8
Concen: 10.211 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 98 Resp: 186244
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 50.701 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampled :

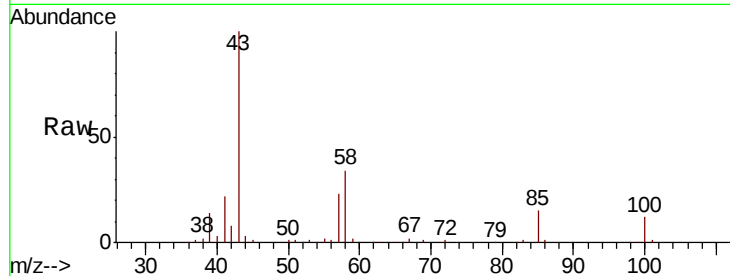
VSTDIC010

Tot Ion: 43 Resp: 248483

Ion Ratio Lower Upper

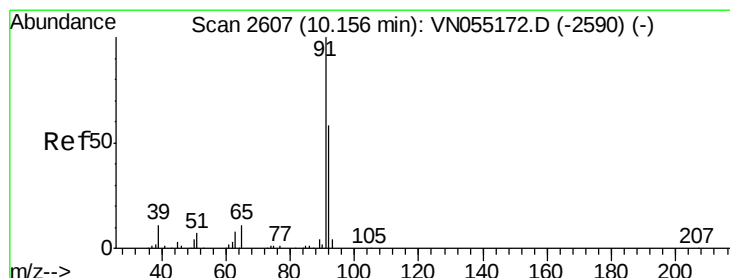
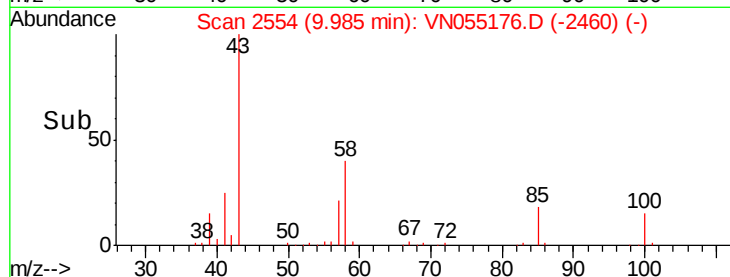
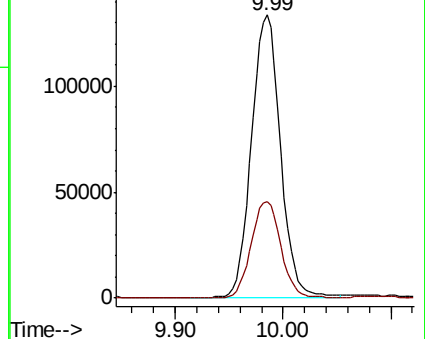
43 100

58 35.2 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055176.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055176.D (-2532) (-)



#52

Toluene

Concen: 10.675 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055176.D

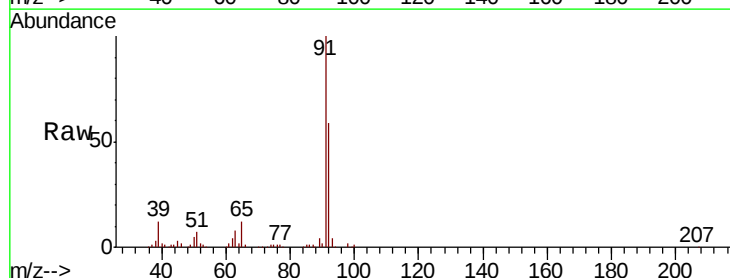
Acq: 22 Apr 2019 12:23

Tgt Ion: 92 Resp: 125904

Ion Ratio Lower Upper

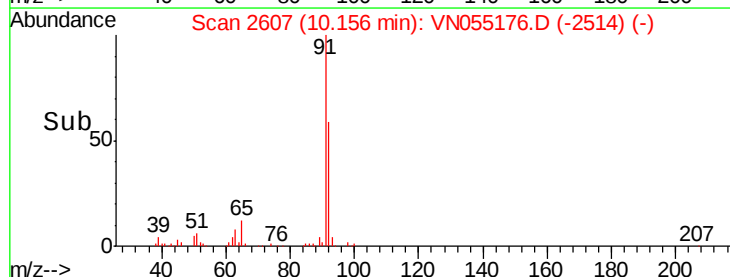
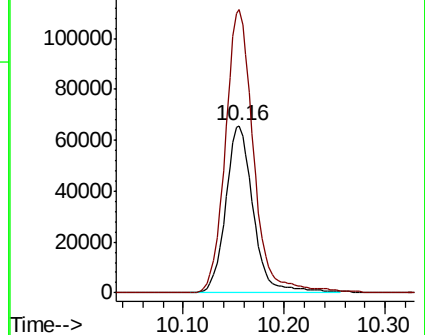
92 100

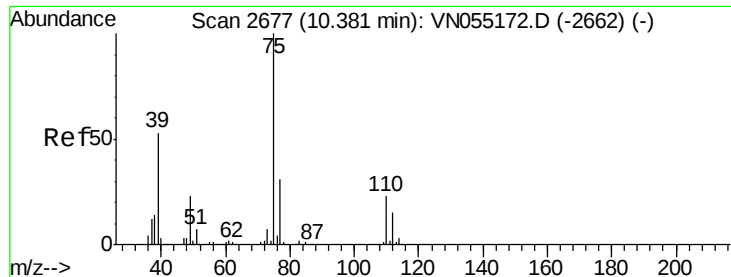
91 173.4 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN055176.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055176.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 9.880 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

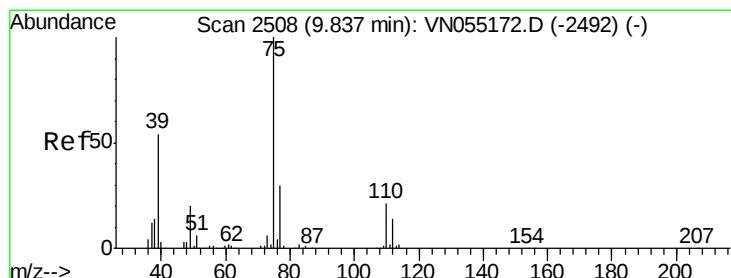
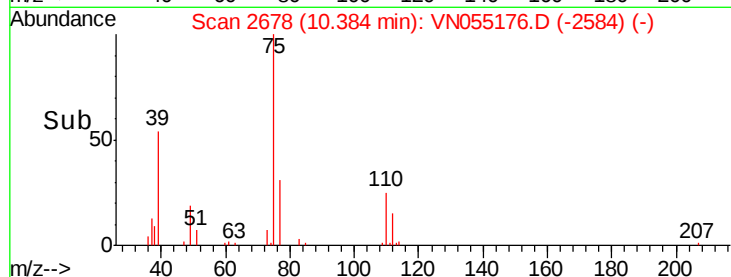
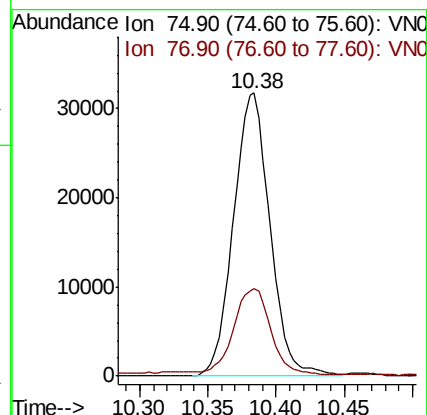
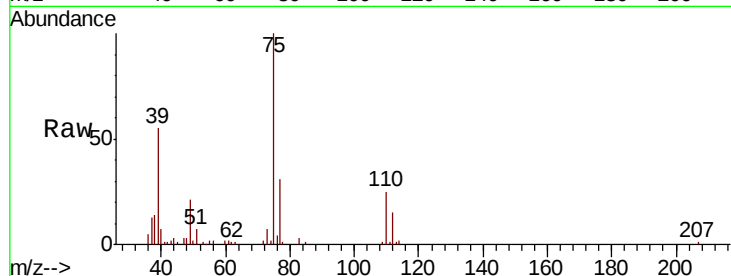
VSTDIC010

Tot Ion: 75 Resp: 59007

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 9.847 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

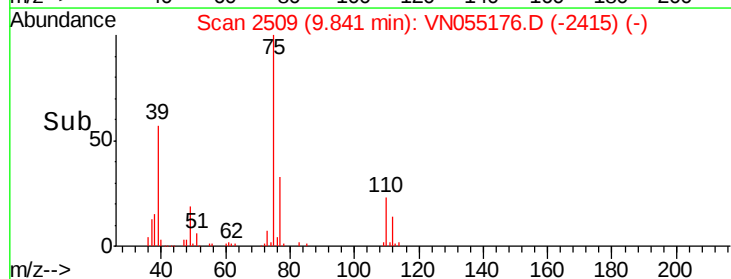
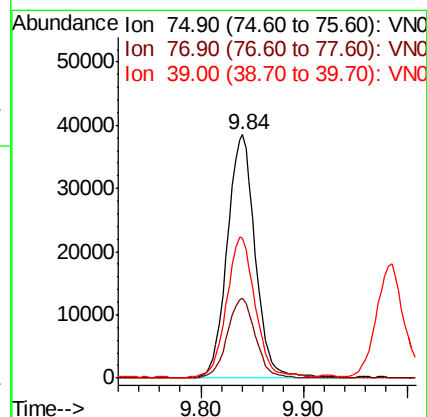
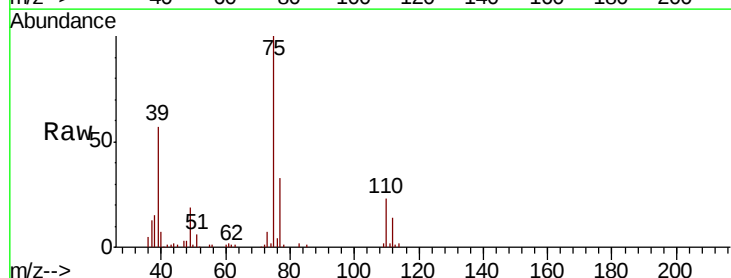
Tgt Ion: 75 Resp: 72983

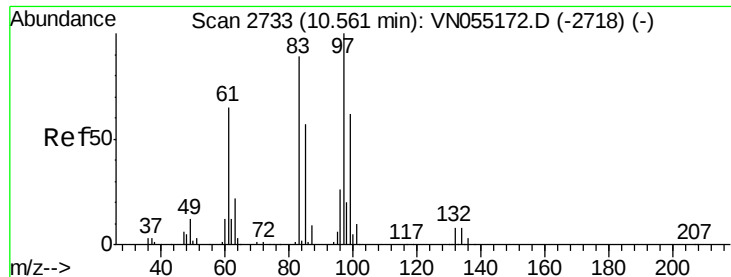
Ion Ratio Lower Upper

75 100

77 32.9 24.3 36.5

39 56.6 43.0 64.4



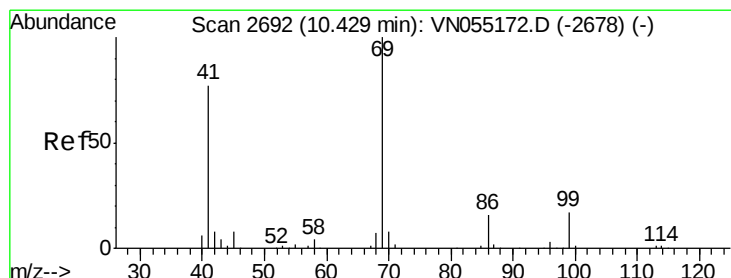
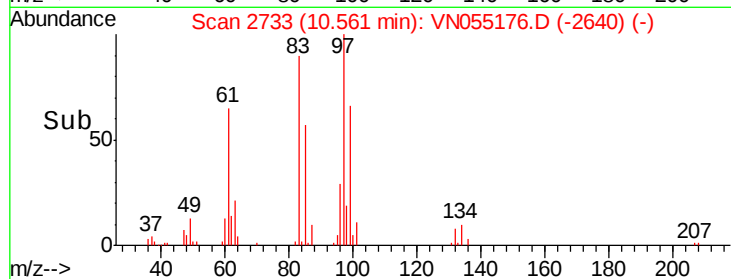
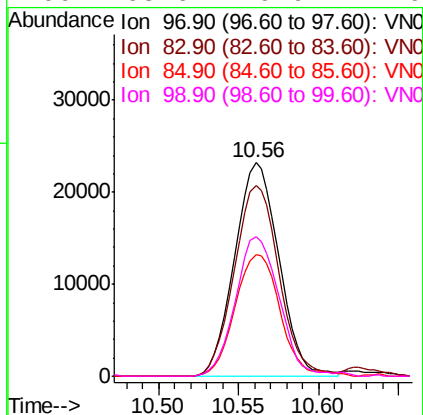
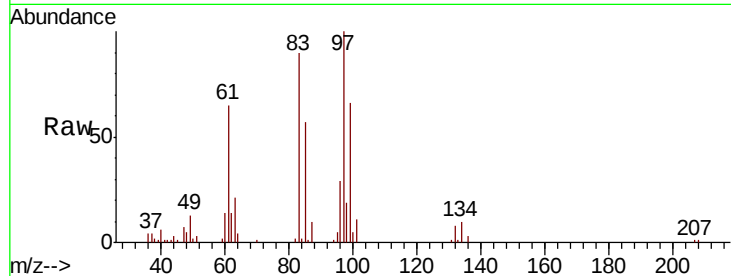


#55
 1,1,2-Trichloroethane
 Concen: 10.090 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tot Ion: 97 Resp: 43871

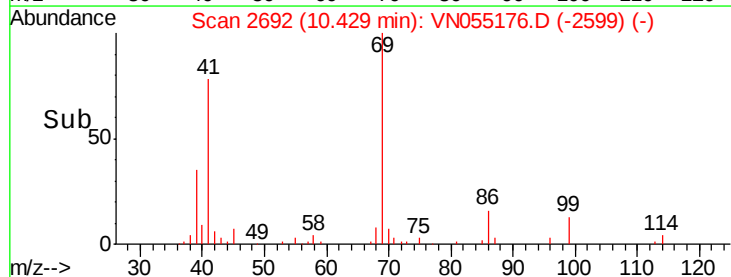
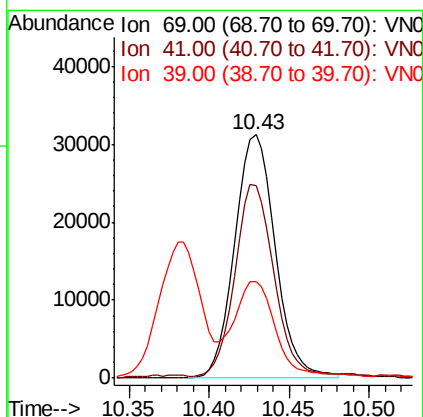
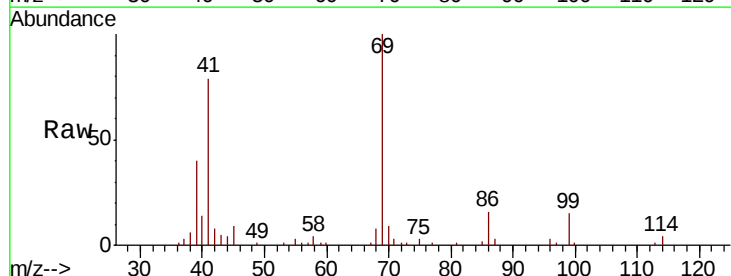
Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.5	107.3
85	56.9	45.8	68.6
99	65.6	49.9	74.9

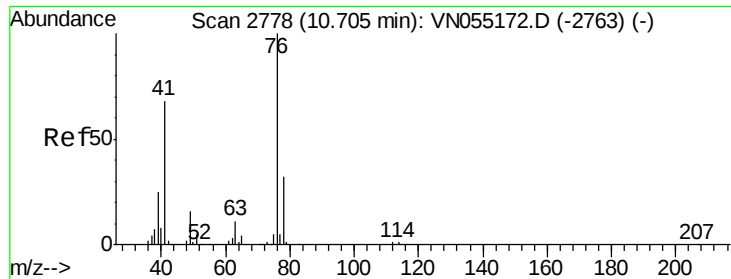


#56
 Ethyl methacrylate
 Concen: 9.998 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion: 69 Resp: 54154

Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.6	90.8
39	39.6	31.7	47.5





#57

1,3-Dichloropropane

Concen: 10.028 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

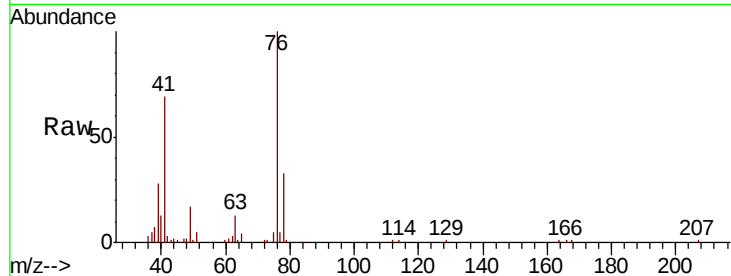
VSTDIC010

Tot Ion: 76 Resp: 75864

Ion Ratio Lower Upper

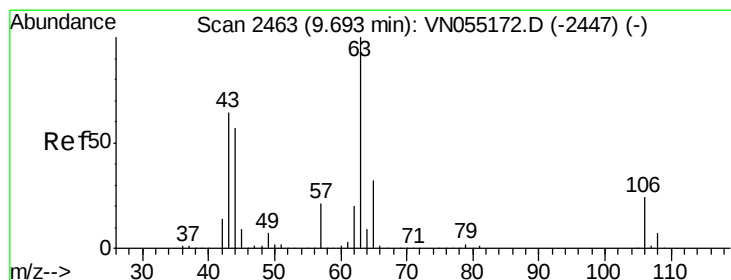
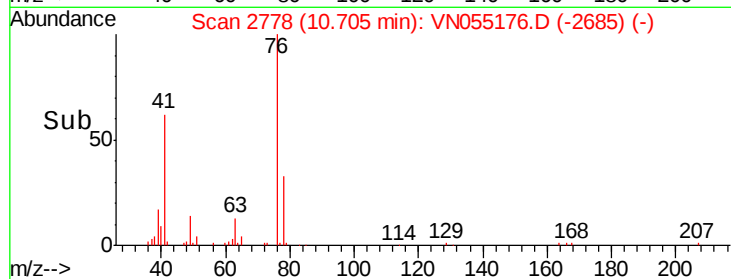
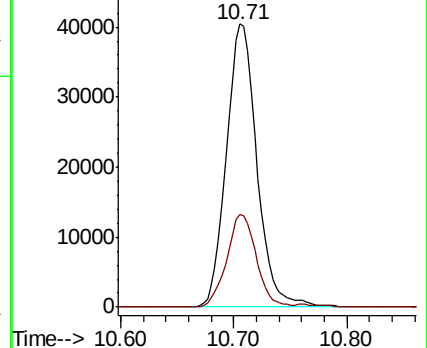
76 100

78 31.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 48.311 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055176.D

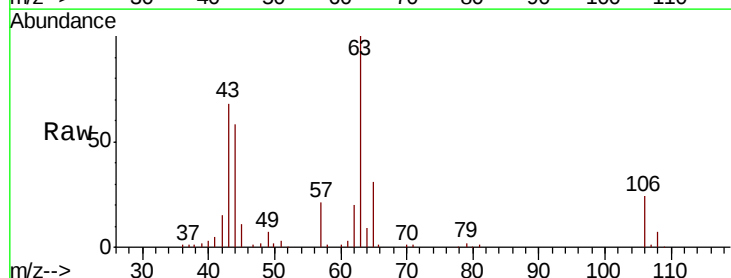
Acq: 22 Apr 2019 12:23

Tgt Ion: 63 Resp: 84368

Ion Ratio Lower Upper

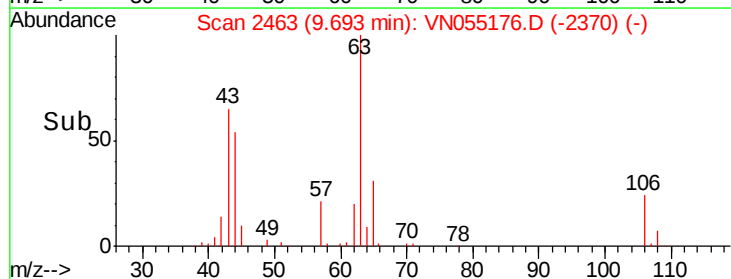
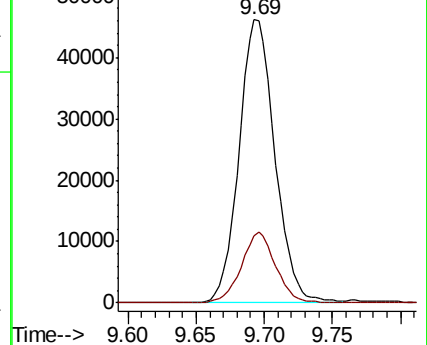
63 100

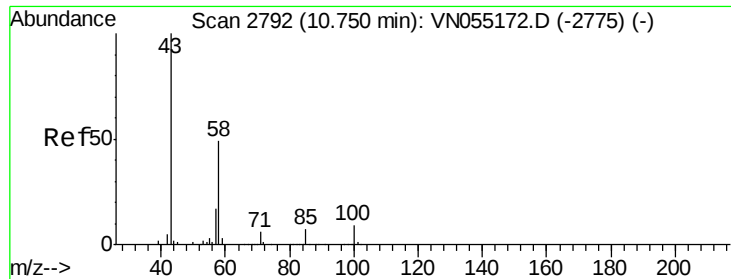
106 23.6 19.4 29.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

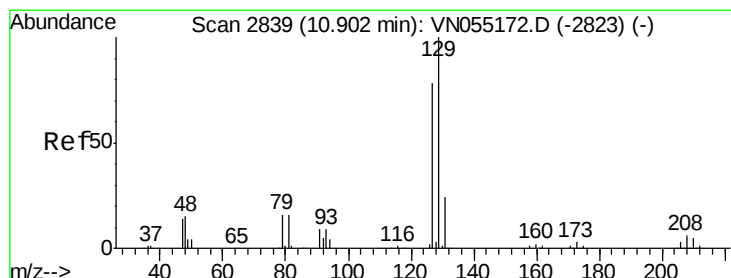
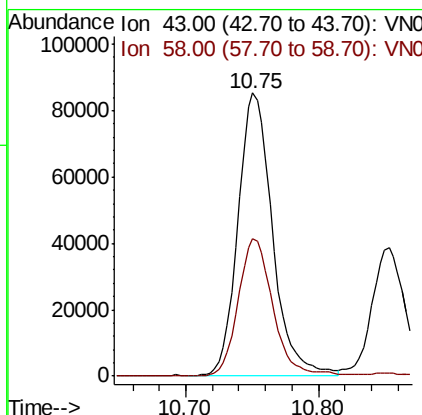
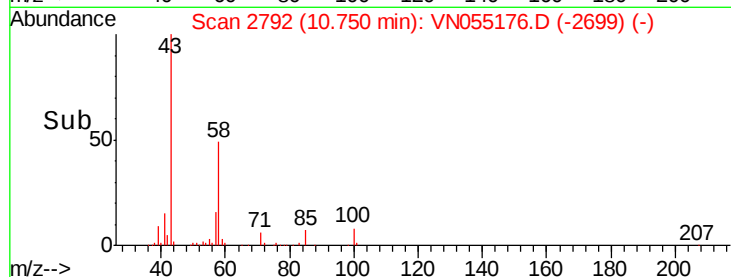
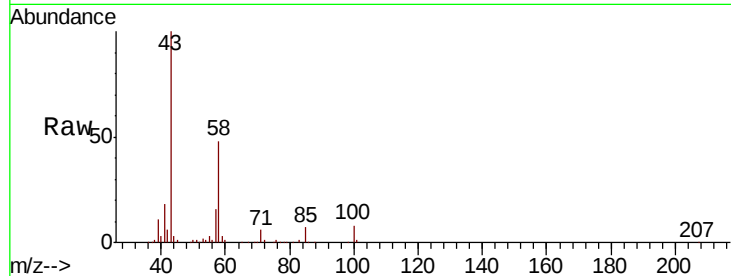




#59
2-Hexanone
Concen: 49.479 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

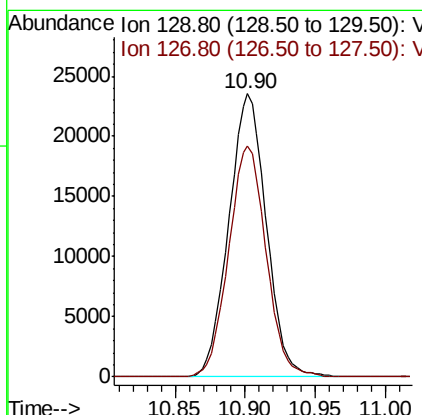
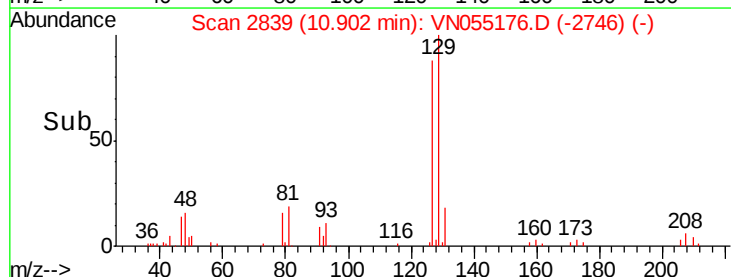
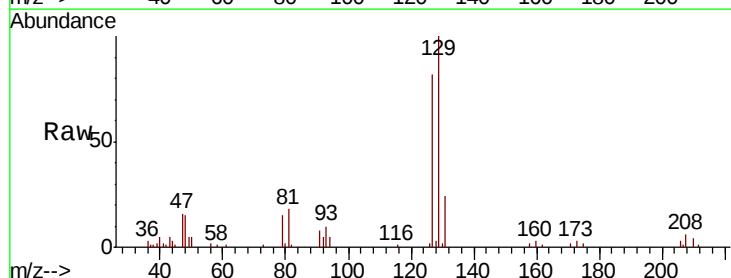
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

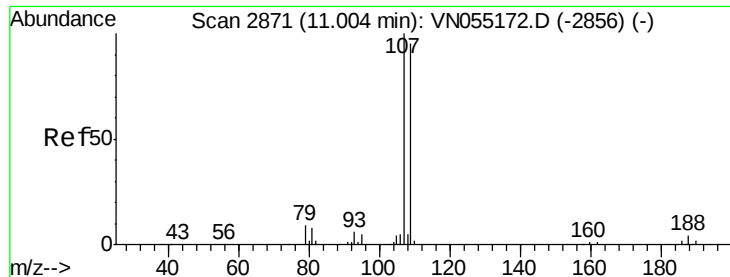
Tot Ion: 43 Resp: 153170
Ion Ratio Lower Upper
43 100
58 49.3 24.5 73.5



#60
Dibromochloromethane
Concen: 9.775 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 129 Resp: 43776
Ion Ratio Lower Upper
129 100
127 81.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 10.017 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

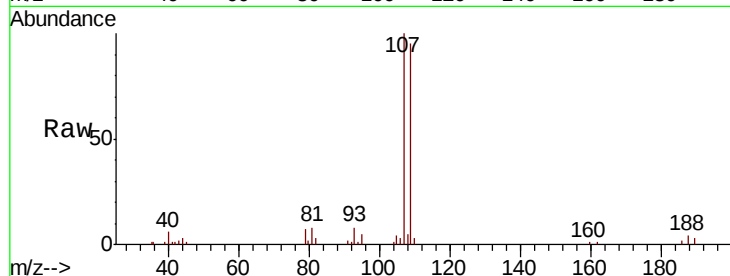
VSTDIC010

Tot Ion:107 Resp: 40948

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

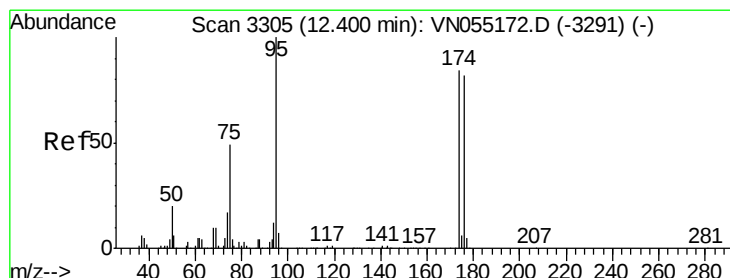
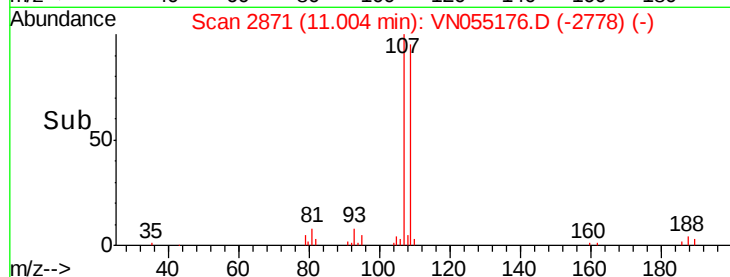
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 10.112 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

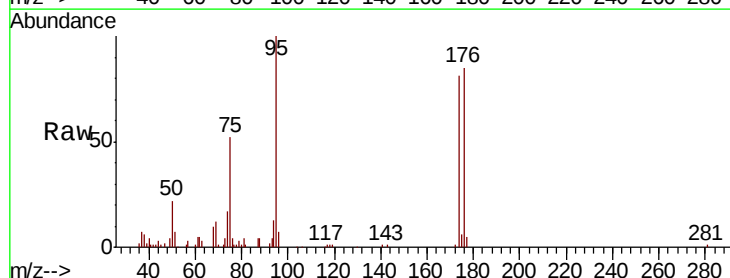
Tgt Ion: 95 Resp: 58124

Ion Ratio Lower Upper

95 100

174 81.9 0.0 168.4

176 82.7 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

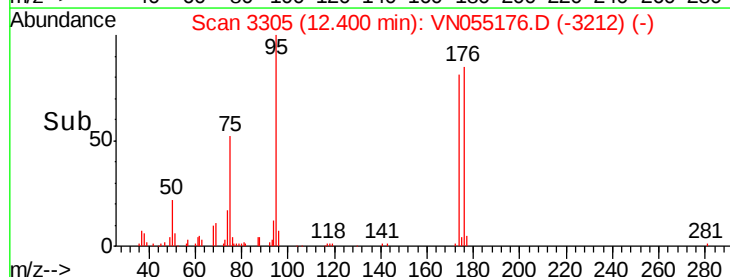
30000

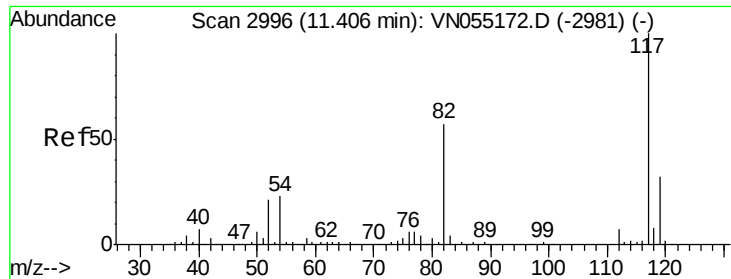
20000

10000

0

Time-->

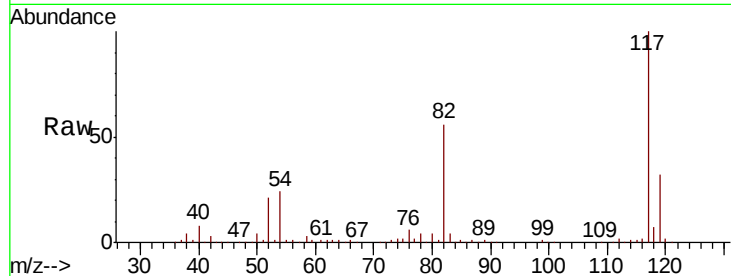




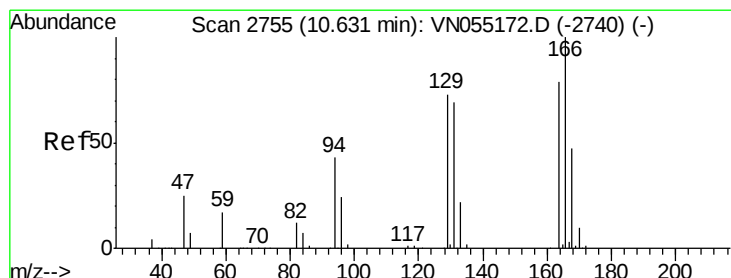
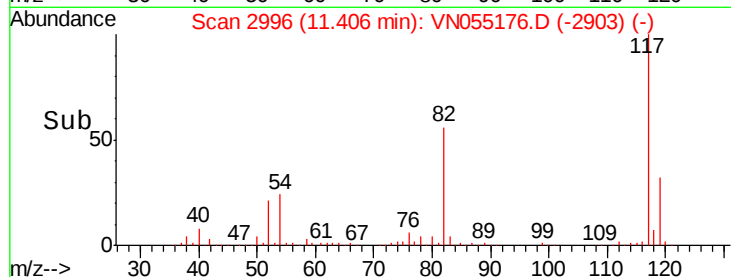
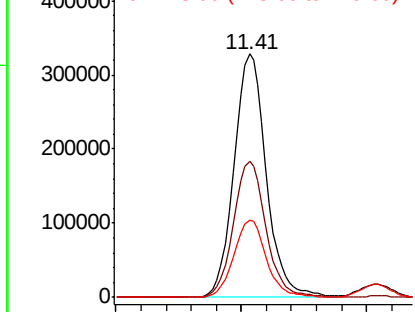
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tot Ion:117 Resp: 586530
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.8 25.4 38.2

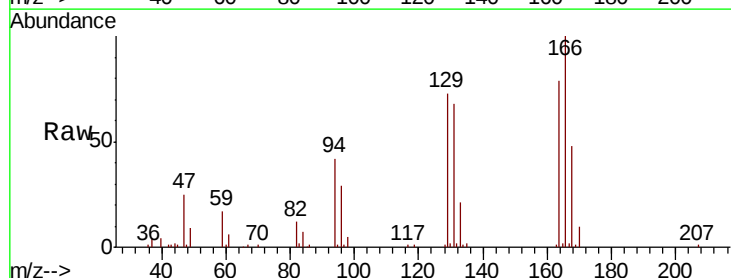


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

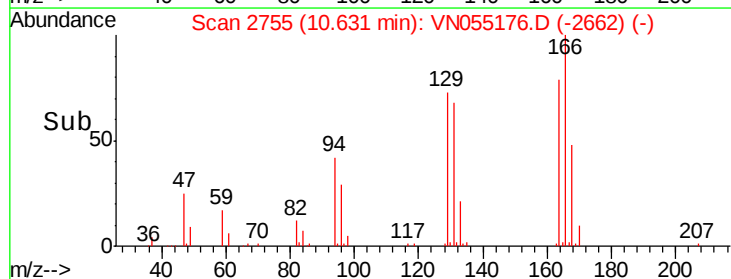
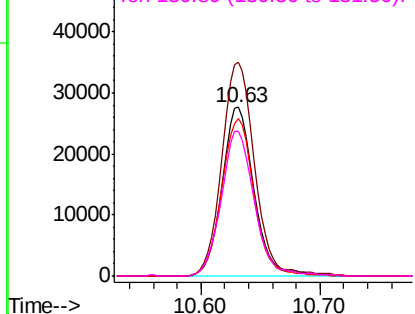


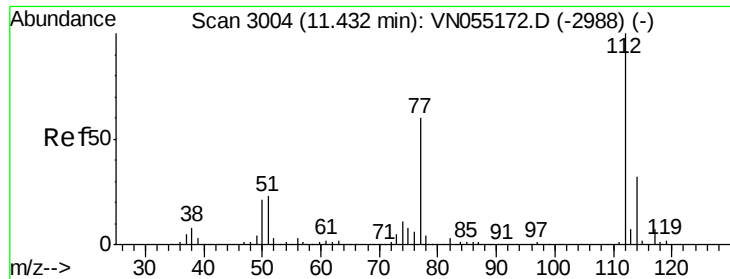
#64
Tetrachloroethene
Concen: 10.734 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion:164 Resp: 51359
Ion Ratio Lower Upper
164 100
166 126.8 101.9 152.9
129 93.1 74.1 111.1
131 85.8 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

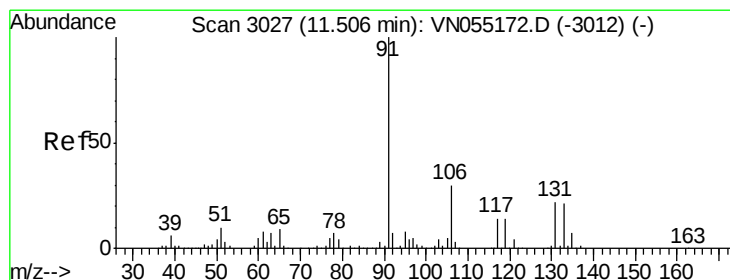
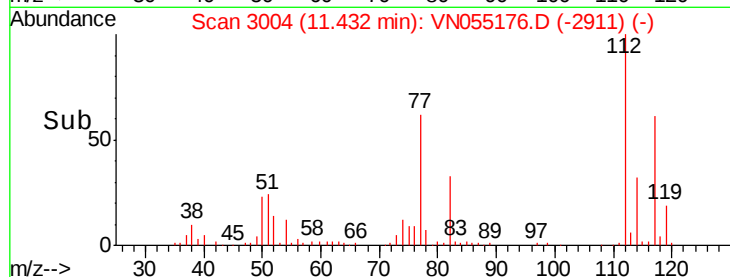
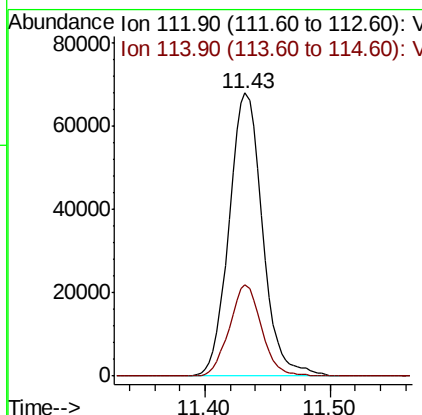
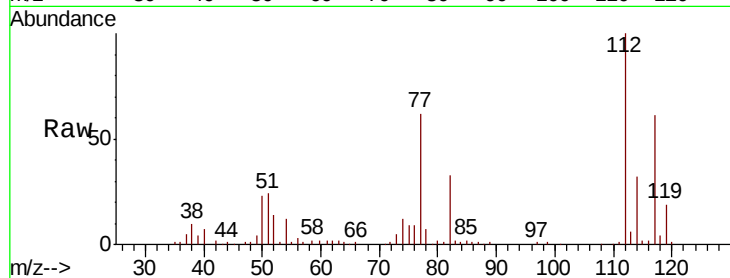




#65
Chlorobenzene
Concen: 10.517 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

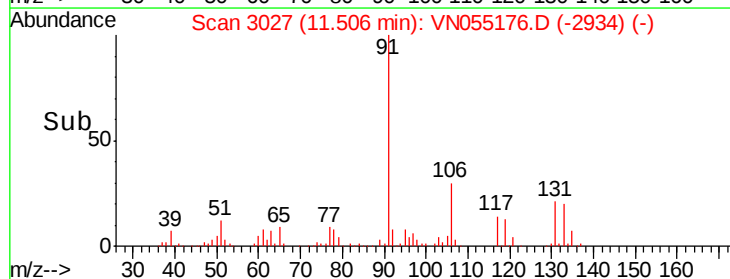
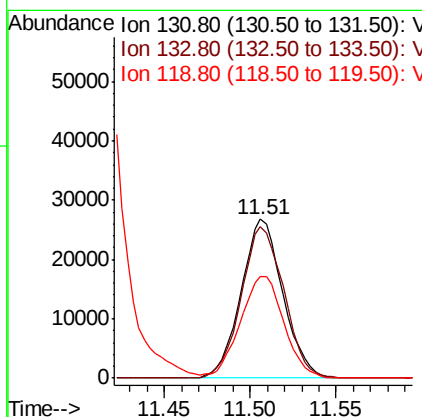
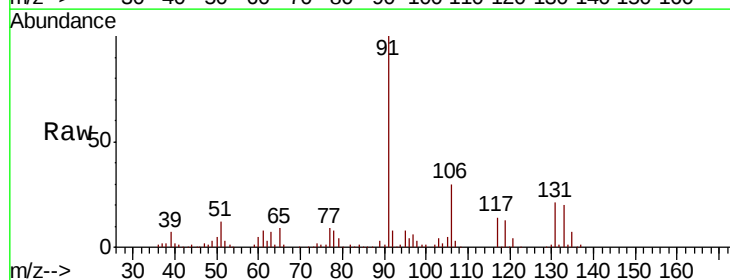
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

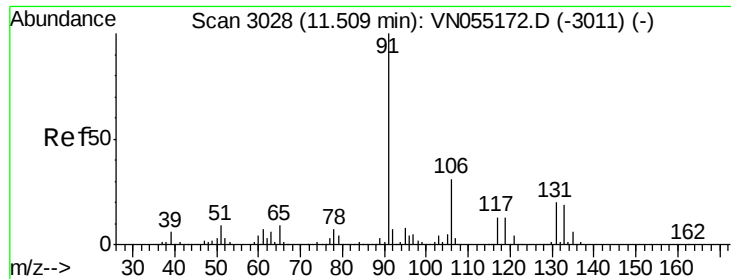
Tot Ion:112 Resp: 125910
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.155 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion:131 Resp: 45060
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 67.1 33.2 99.6

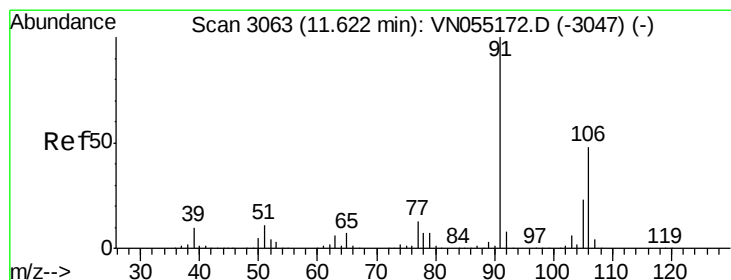
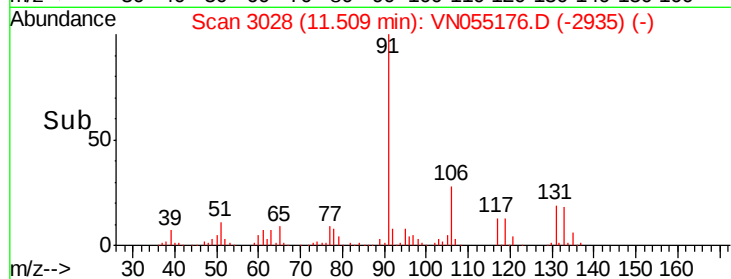
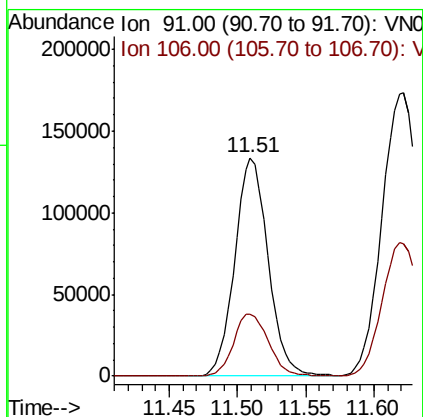
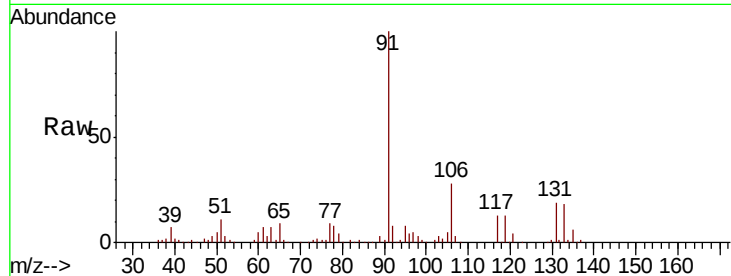




#67
Ethyl Benzene
Concen: 10.646 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

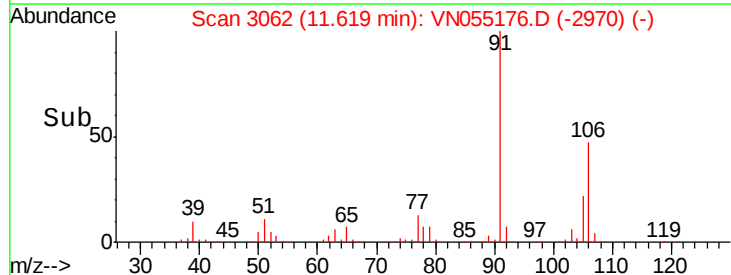
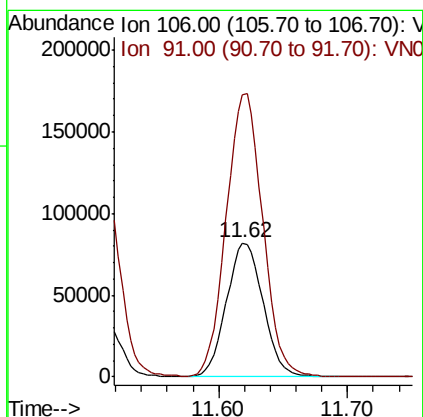
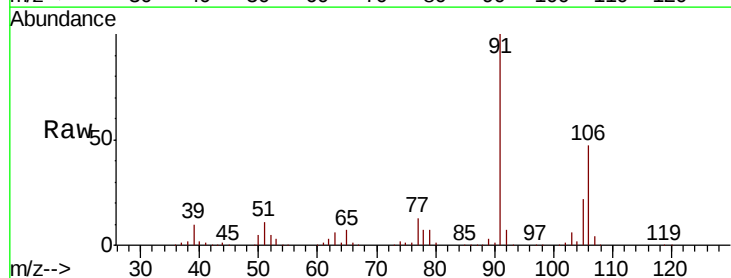
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

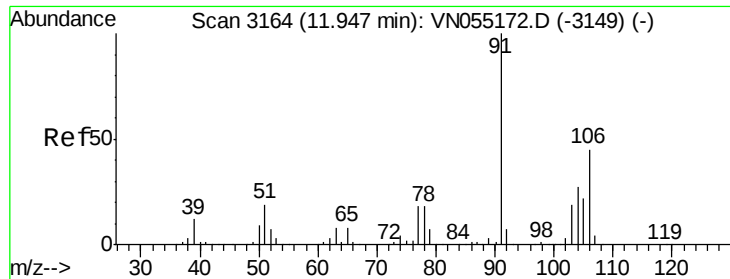
Tot Ion: 91 Resp: 227025
Ion Ratio Lower Upper
91 100
106 28.5 24.5 36.7



#68
m/p-Xylenes
Concen: 21.183 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 106 Resp: 162021
Ion Ratio Lower Upper
106 100
91 210.2 167.1 250.7

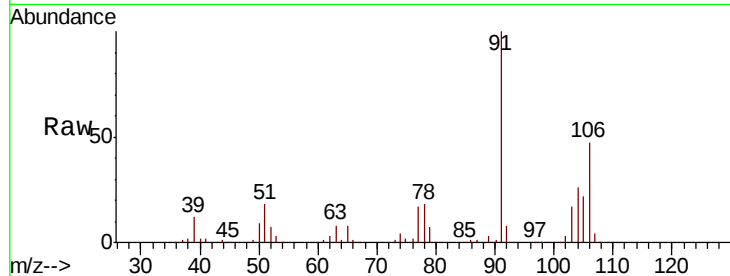




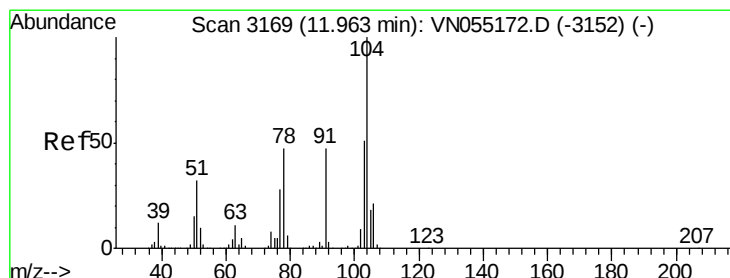
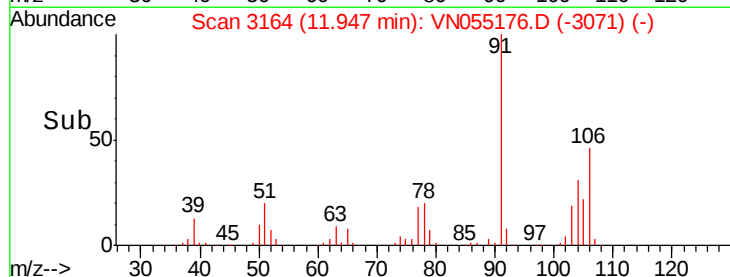
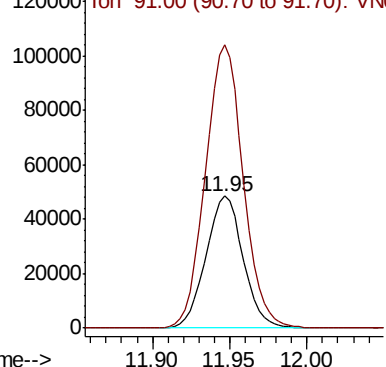
#69
o-Xylene
Concen: 10.682 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 81079
Ion Ratio Lower Upper
106 100
91 217.8 110.6 331.8

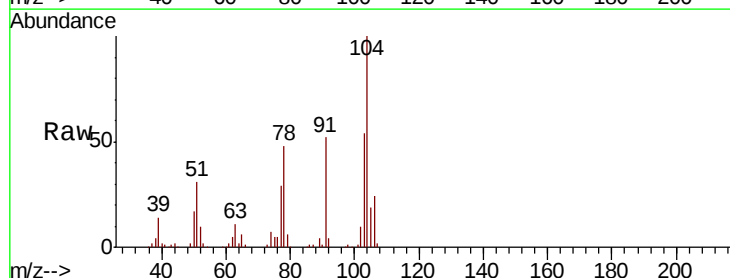


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

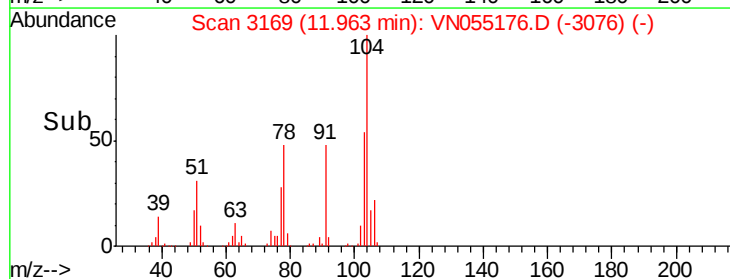
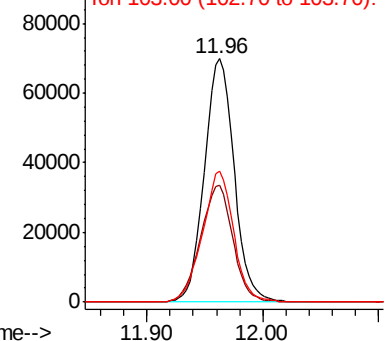


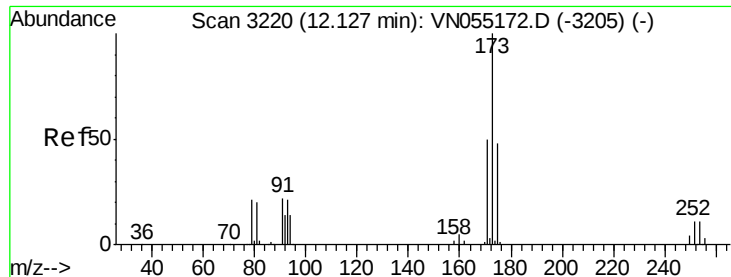
#70
Styrene
Concen: 10.544 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion:104 Resp: 124058
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 56.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.806 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

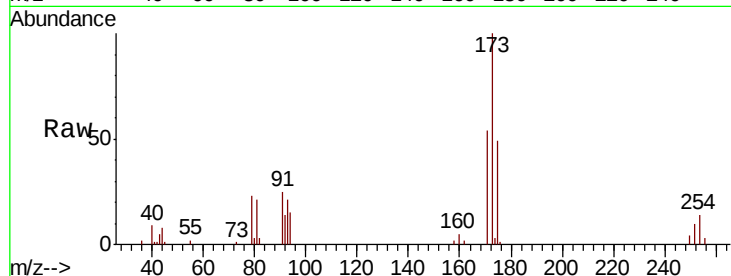
Tot Ion:173 Resp: 25965

Ion Ratio Lower Upper

173 100

175 49.6 23.8 71.2

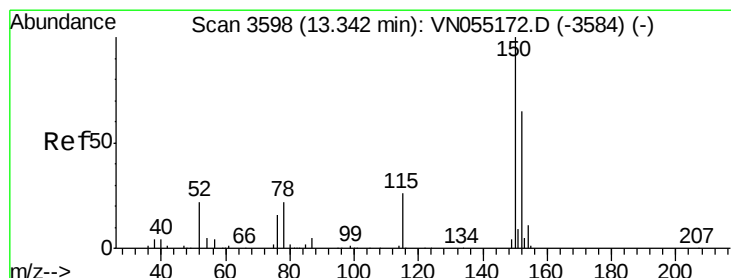
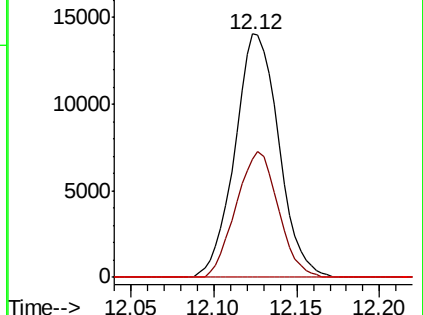
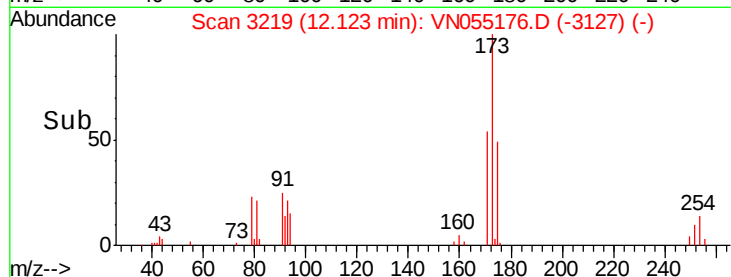
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

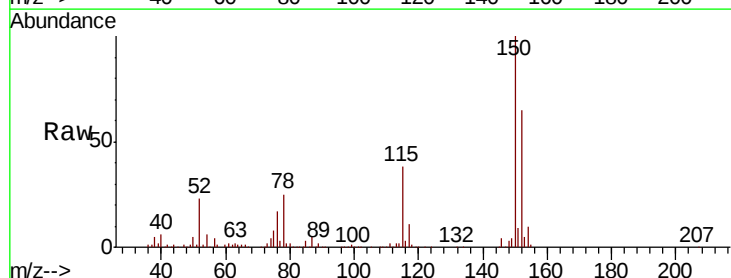
Tgt Ion:152 Resp: 211134

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

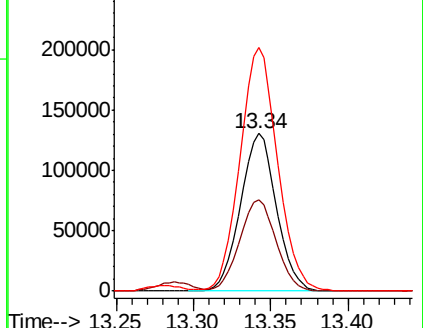
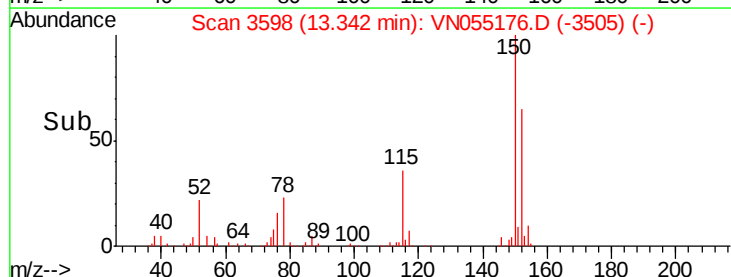
150 161.1 0.0 346.6

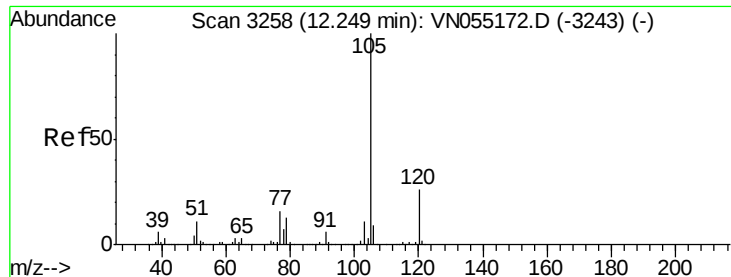


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.629 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampled :

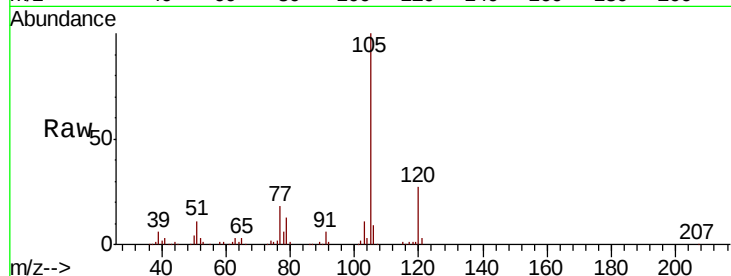
VSTDIC010

Tot Ion:105 Resp: 215441

Ion Ratio Lower Upper

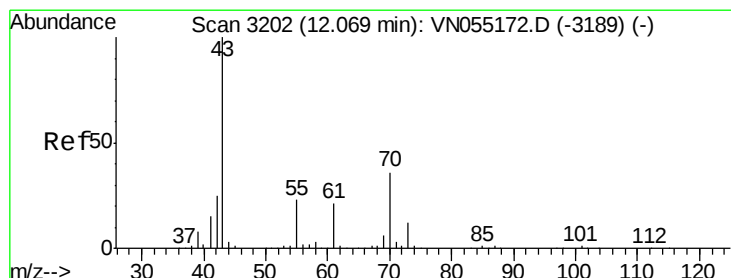
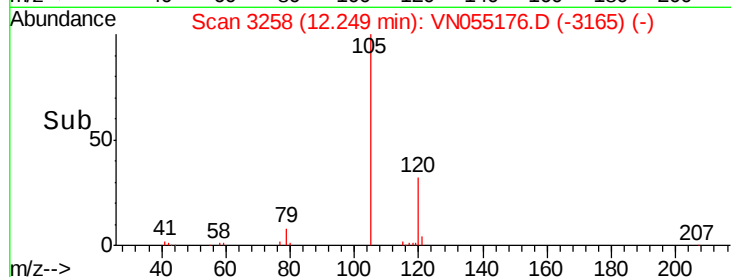
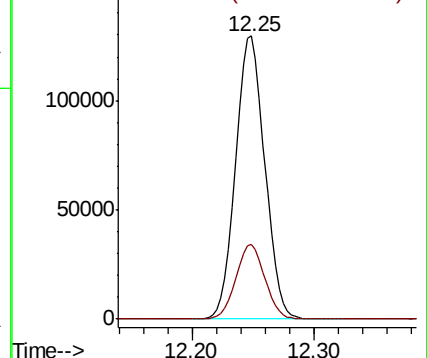
105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.915 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Tgt Ion: 43 Resp: 53971

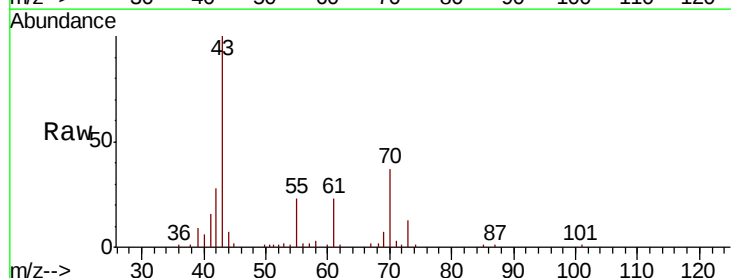
Ion Ratio Lower Upper

43 100

70 37.9 29.0 43.6

55 24.4 18.5 27.7

61 21.8 17.0 25.4

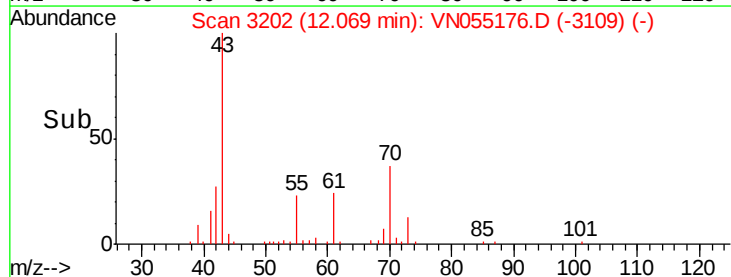
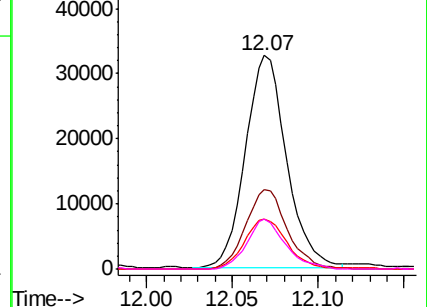


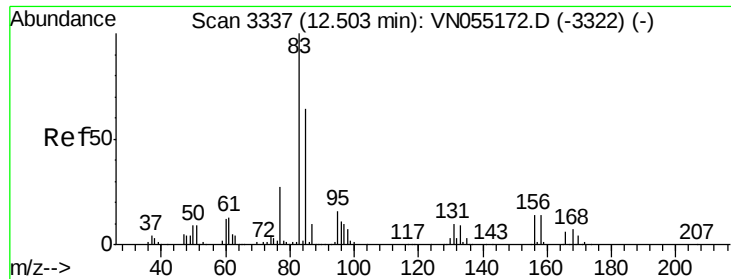
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 10.282 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

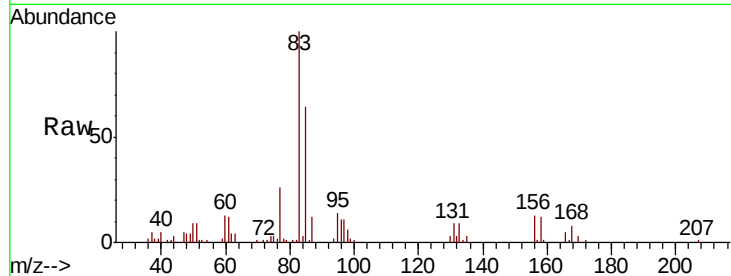
Tot Ion: 83 Resp: 55152

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

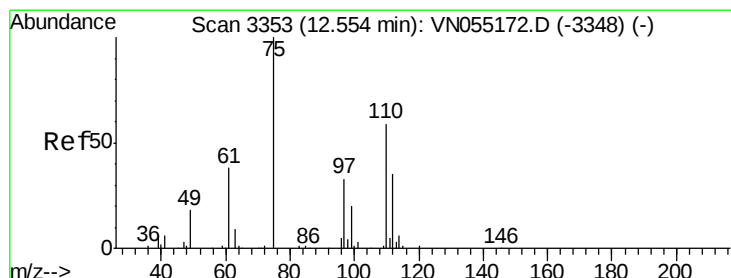
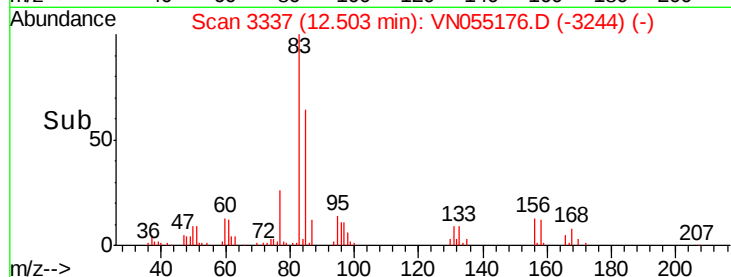
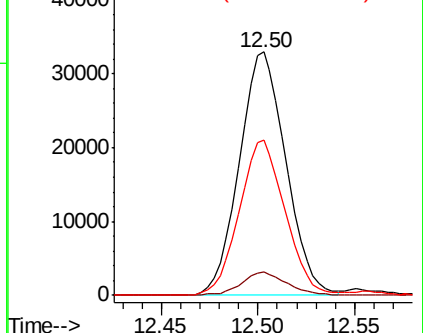
85 62.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 15.219 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055176.D

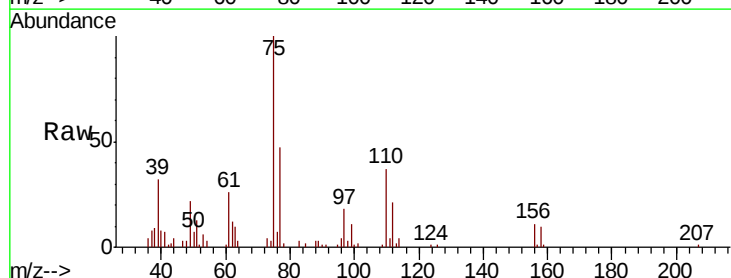
Acq: 22 Apr 2019 12:23

Tgt Ion: 75 Resp: 60221

Ion Ratio Lower Upper

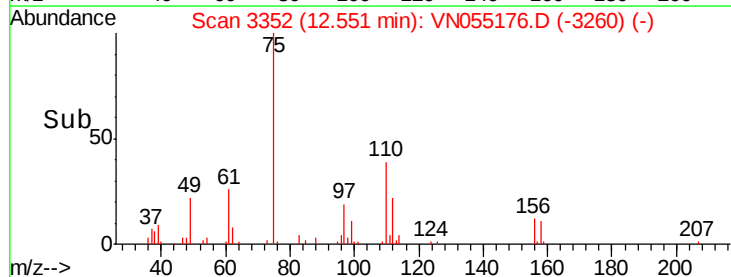
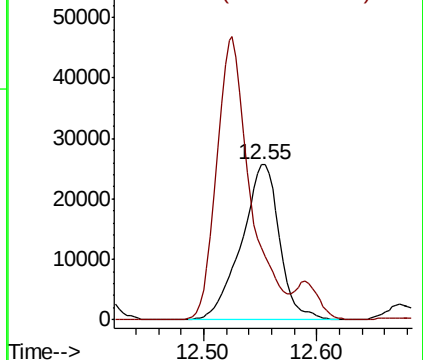
75 100

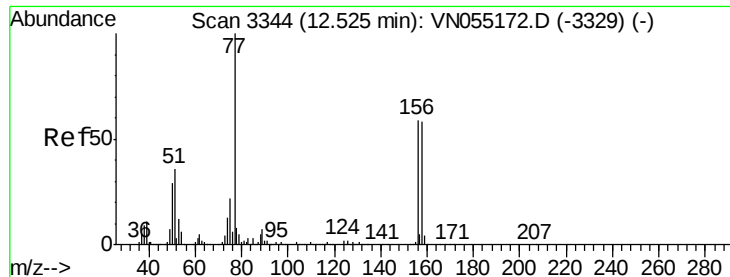
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 10.658 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

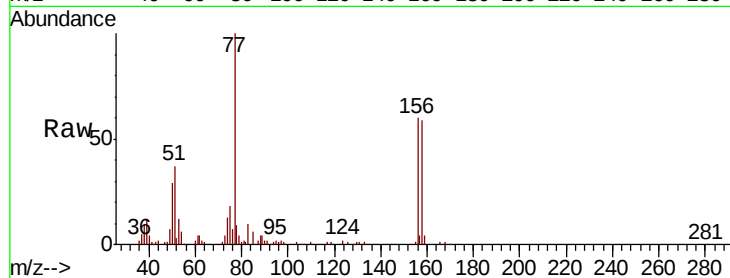
Tot Ion:156 Resp: 49676

Ion Ratio Lower Upper

156 100

77 193.5 98.0 293.9

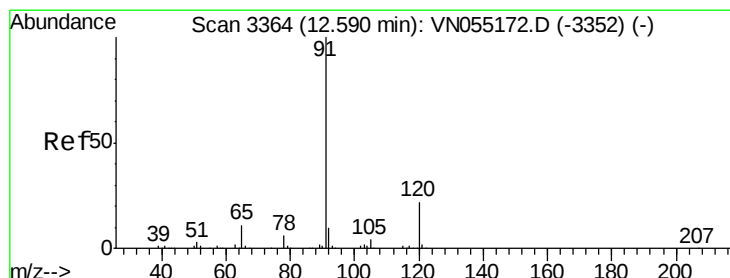
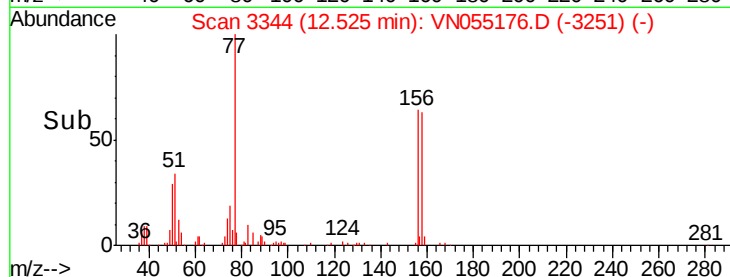
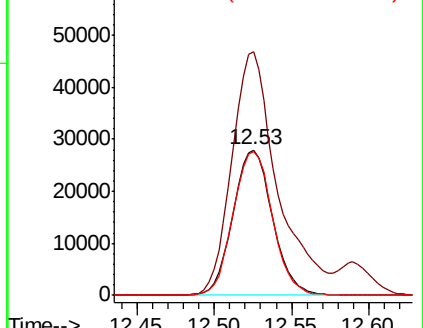
158 98.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.864 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055176.D

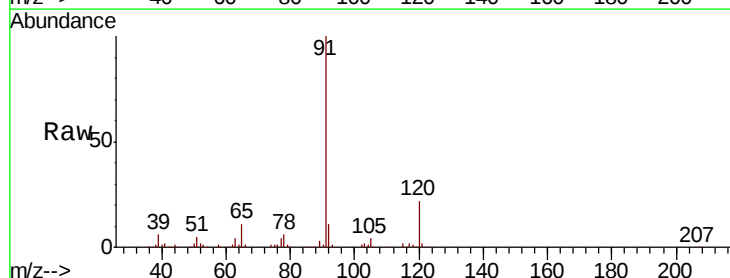
Acq: 22 Apr 2019 12:23

Tgt Ion: 91 Resp: 230036

Ion Ratio Lower Upper

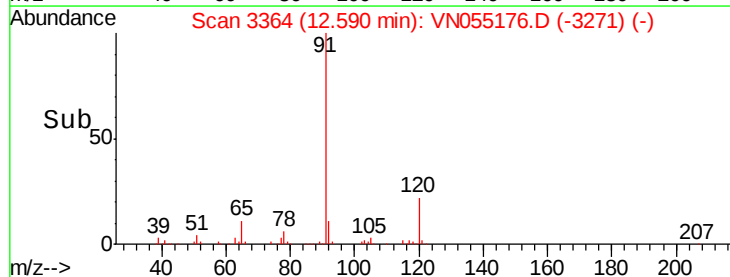
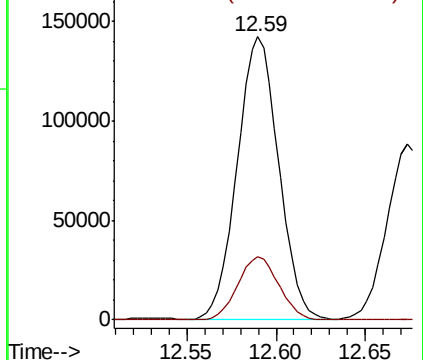
91 100

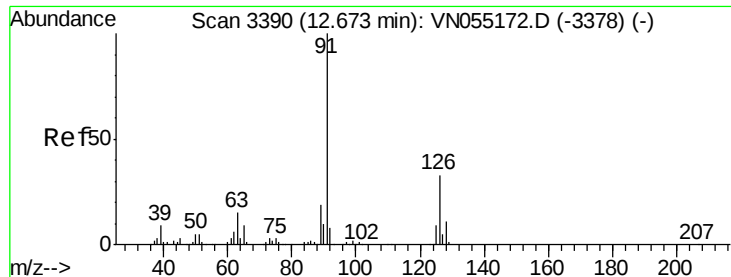
120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.776 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampled :

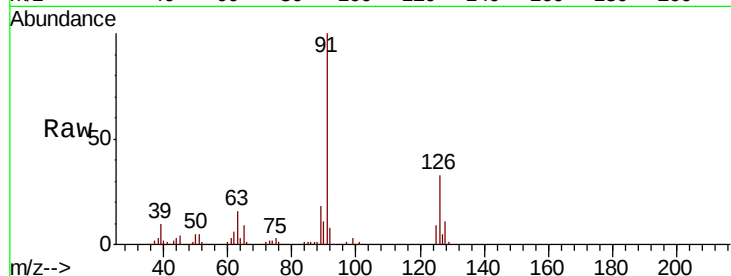
VSTDIC010

Tot Ion: 91 Resp: 144081

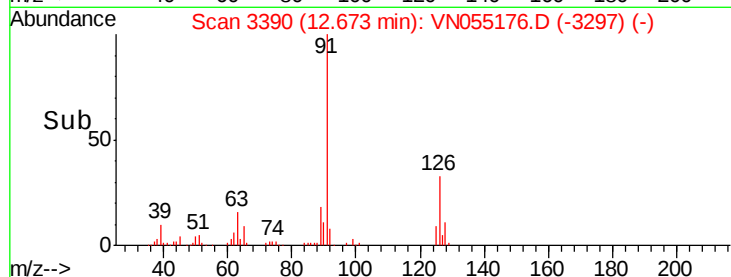
Ion Ratio Lower Upper

91 100

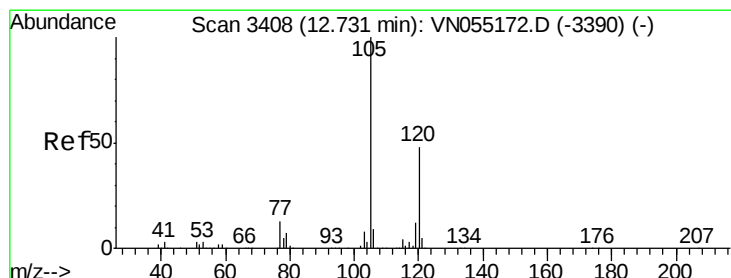
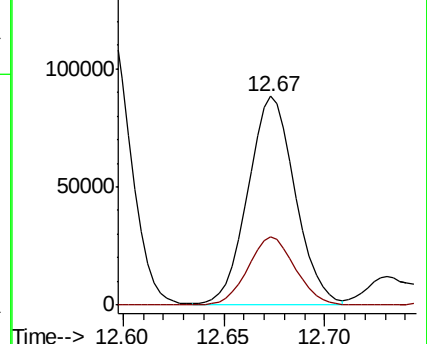
126 32.9 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055176.D (-3390) (-)



Ion 125.90 (125.60 to 126.60): VN055176.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.949 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055176.D

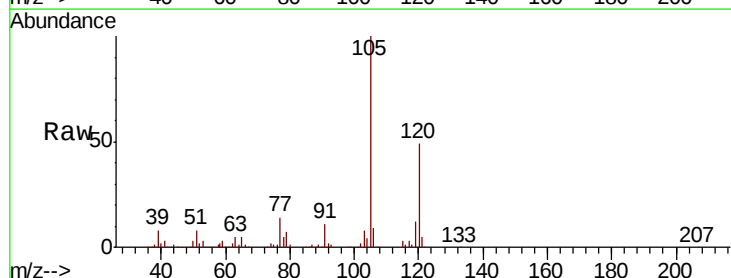
Acq: 22 Apr 2019 12:23

Tgt Ion: 105 Resp: 173056

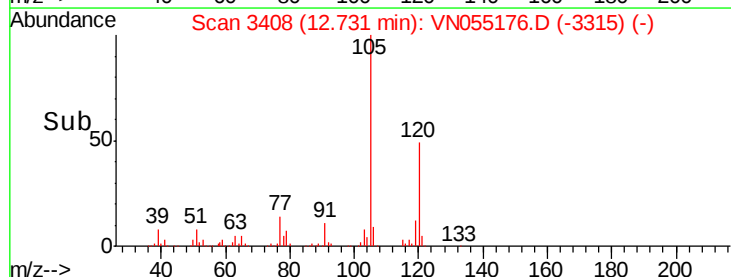
Ion Ratio Lower Upper

105 100

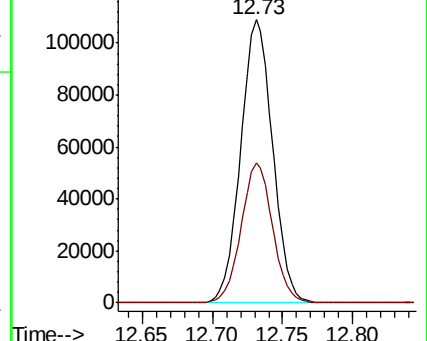
120 48.6 23.9 71.7

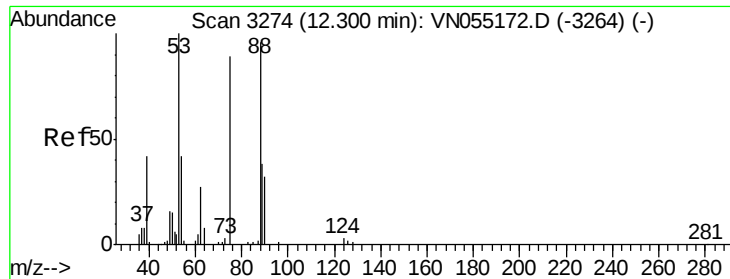


Abundance Ion 105.00 (104.70 to 105.70): VN055176.D (-3315) (-)



Ion 120.00 (119.70 to 120.70): VN055176.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.402 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

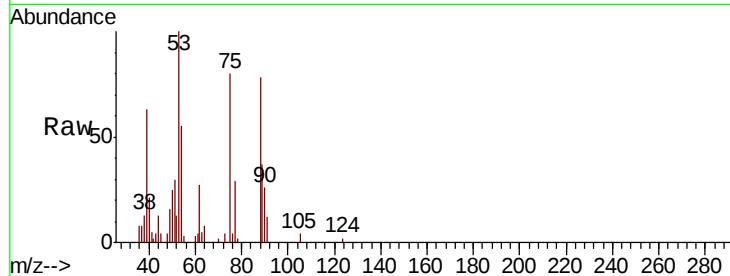
Tot Ion: 75 Resp: 10624

Ion Ratio Lower Upper

75 100

53 125.7 90.1 135.1

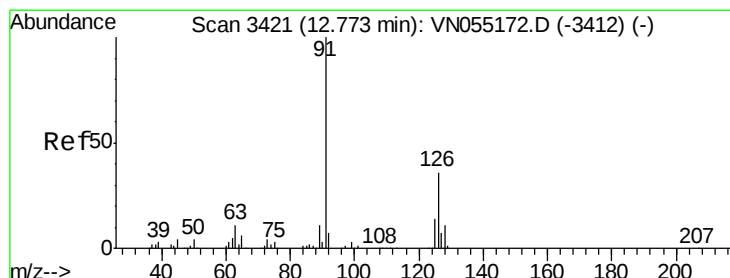
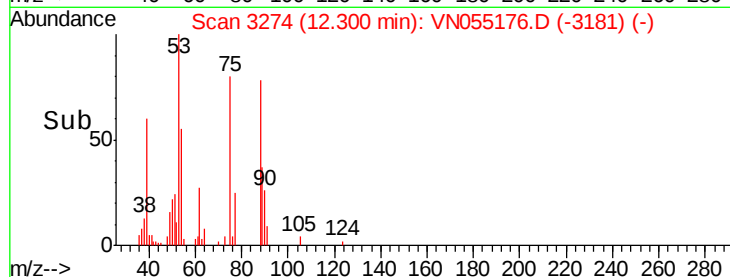
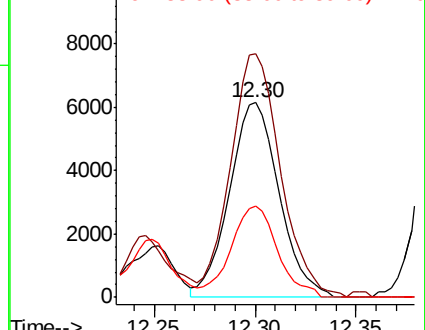
89 44.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 10.586 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055176.D

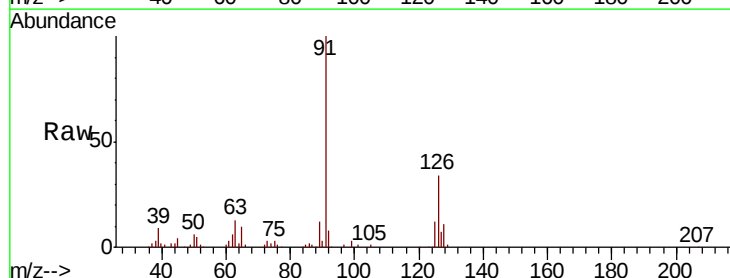
Acq: 22 Apr 2019 12:23

Tgt Ion: 91 Resp: 130219

Ion Ratio Lower Upper

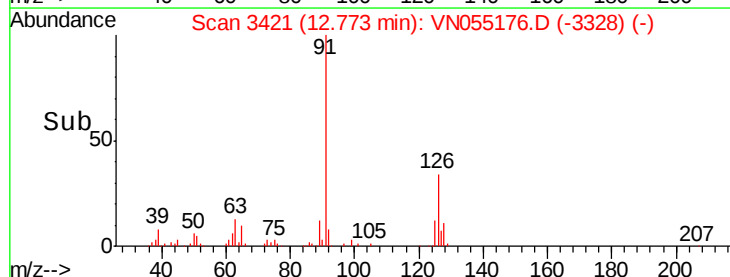
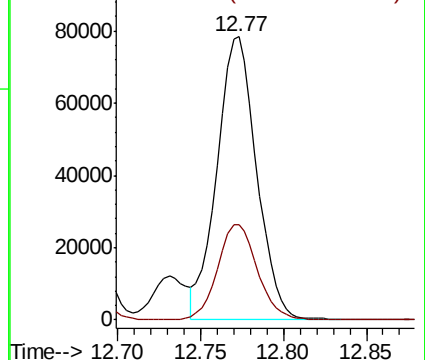
91 100

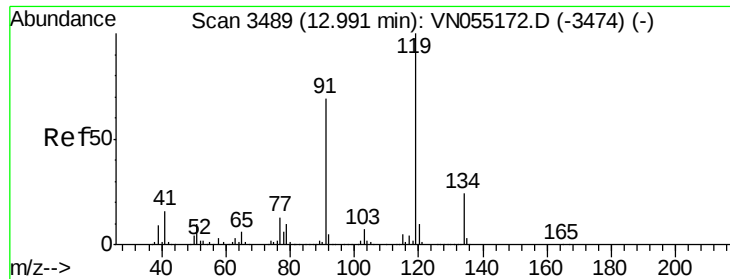
126 33.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 10.551 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

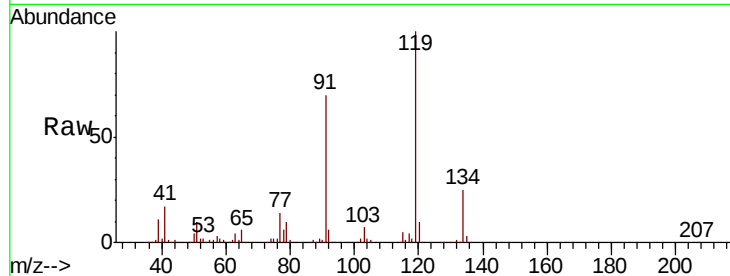
Tot Ion:119 Resp: 149183

Ion Ratio Lower Upper

119 100

91 67.4 33.8 101.3

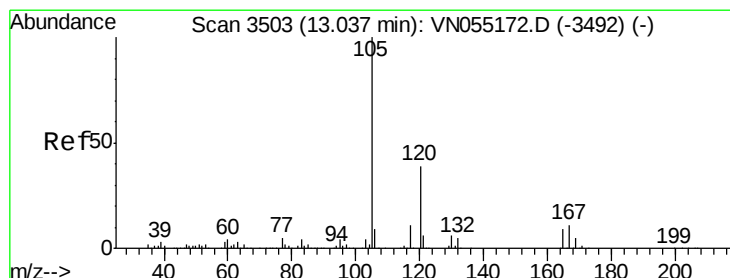
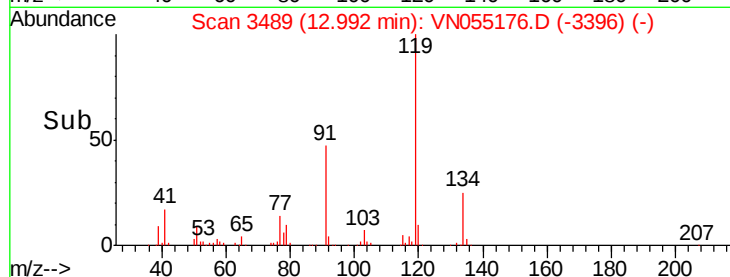
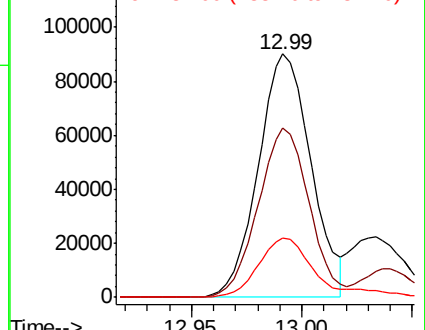
134 26.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.837 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055176.D

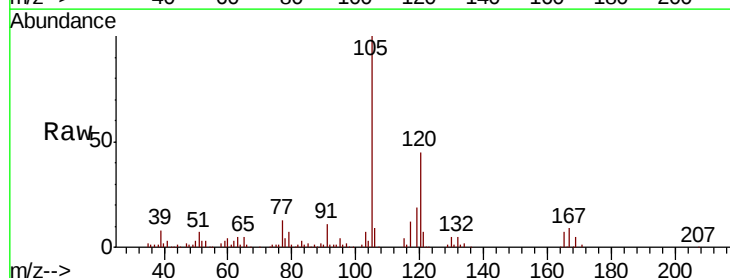
Acq: 22 Apr 2019 12:23

Tgt Ion:105 Resp: 161642

Ion Ratio Lower Upper

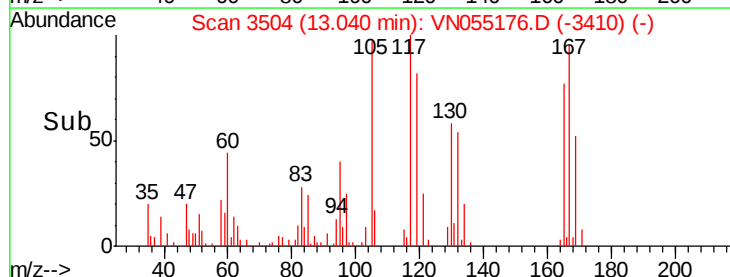
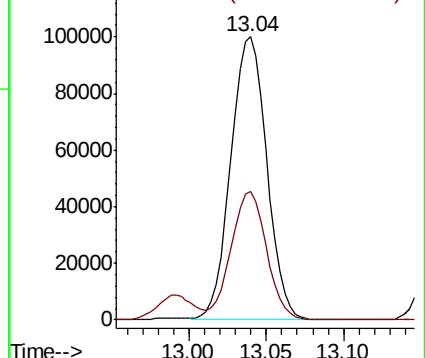
105 100

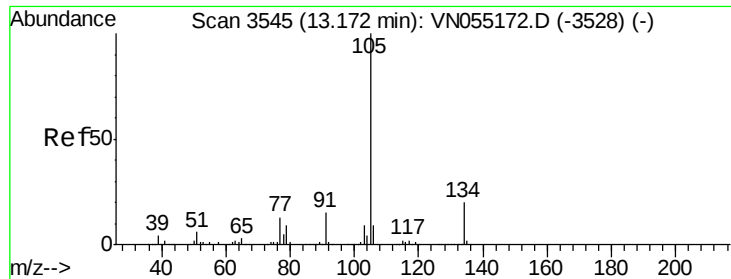
120 44.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.653 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampled :

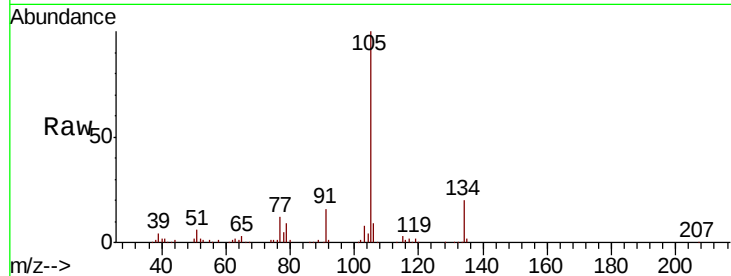
VSTDIC010

Tot Ion:105 Resp: 190494

Ion Ratio Lower Upper

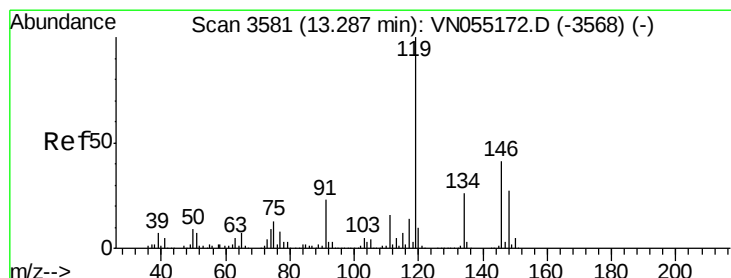
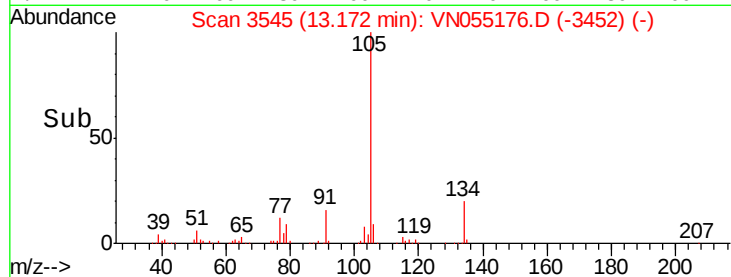
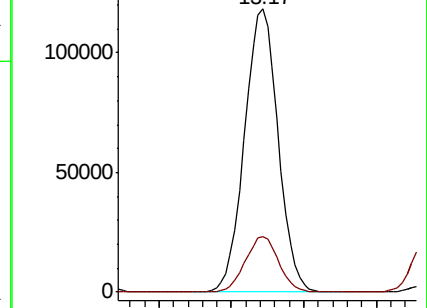
105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.835 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

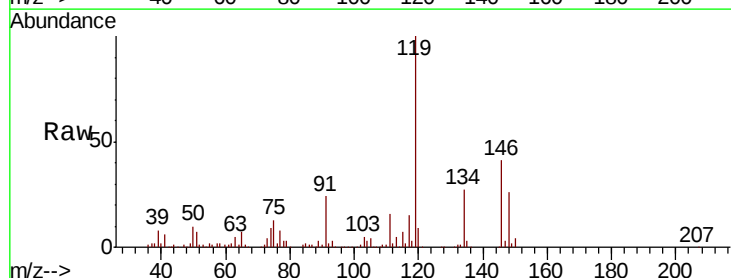
Tgt Ion:119 Resp: 159621

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

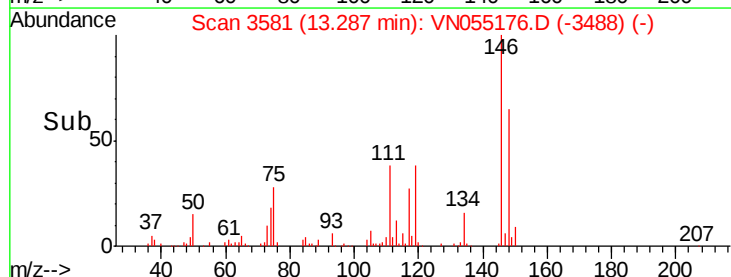
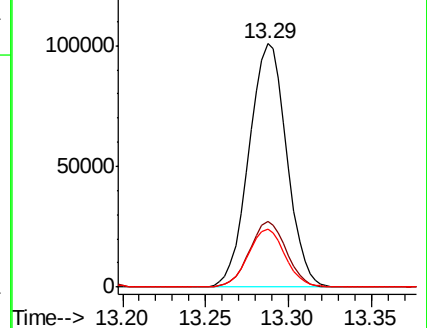
91 23.5 11.8 35.3

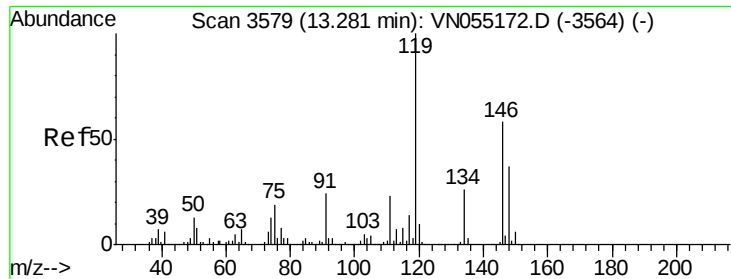


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

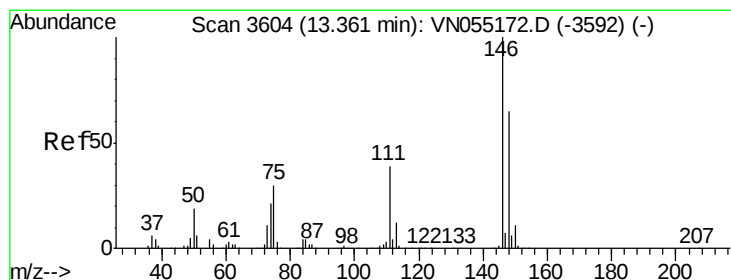
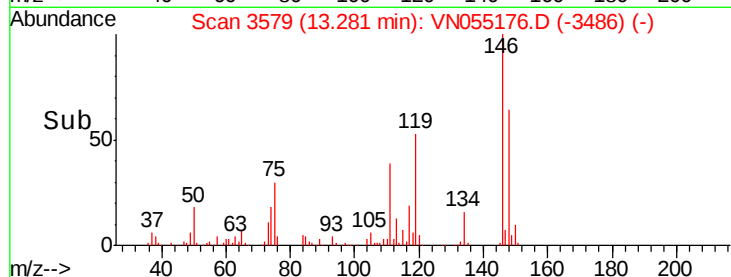
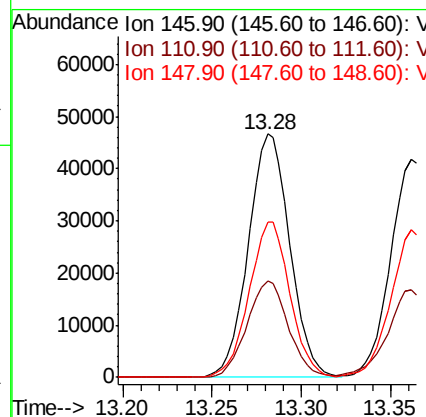
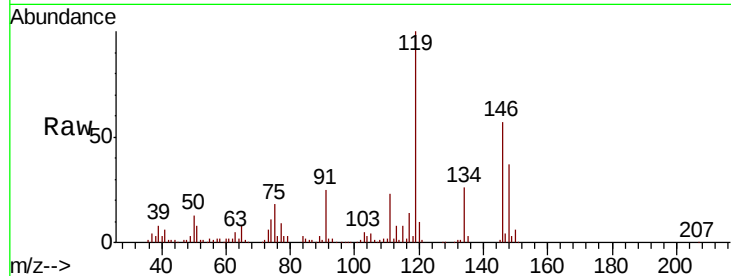




#87
 1,3-Dichlorobenzene
 Concen: 10.629 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

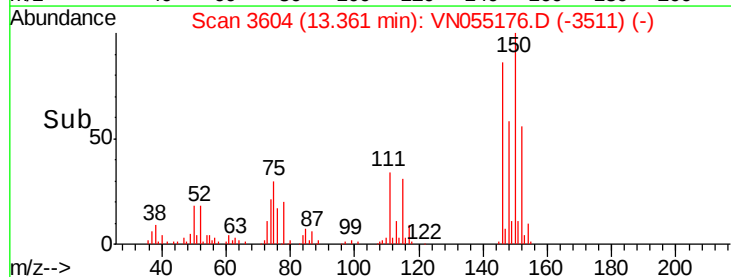
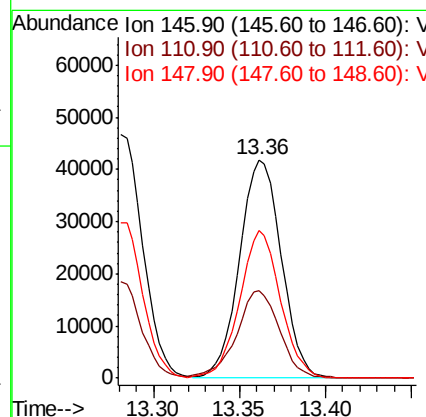
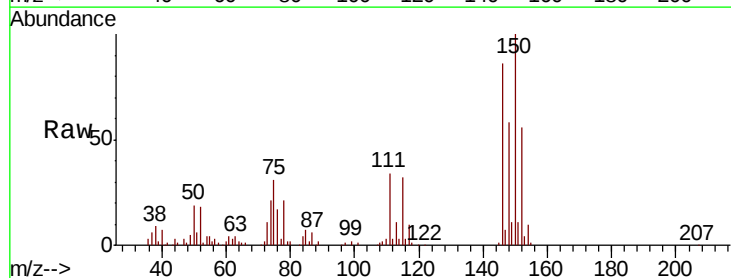
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

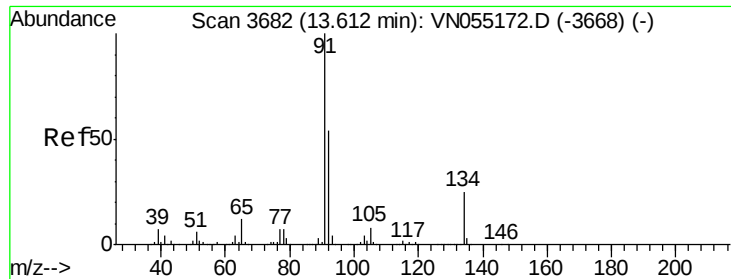
Tot Ion:146 Resp: 76052
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 62.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 10.147 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion:146 Resp: 70686
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.4 58.2
 148 65.8 32.9 98.6

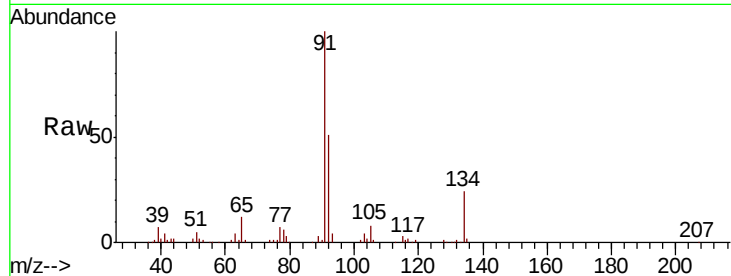




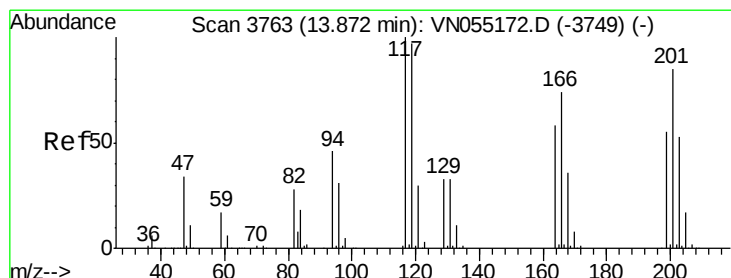
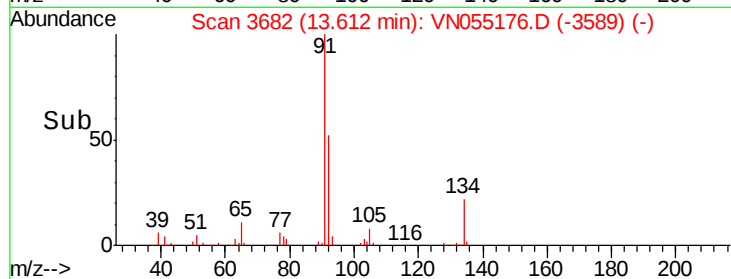
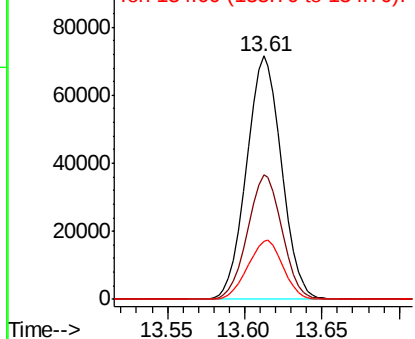
#89
n-Butylbenzene
Concen: 10.340 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 112902
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.2
134 24.3 12.8 38.4

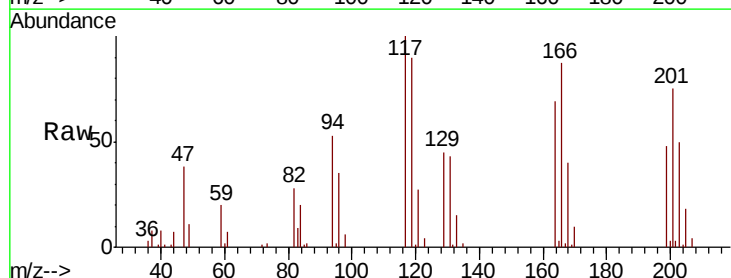


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

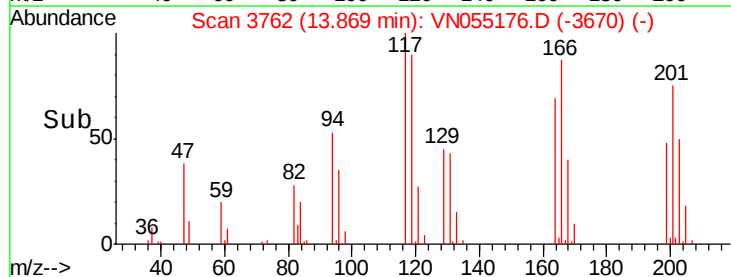
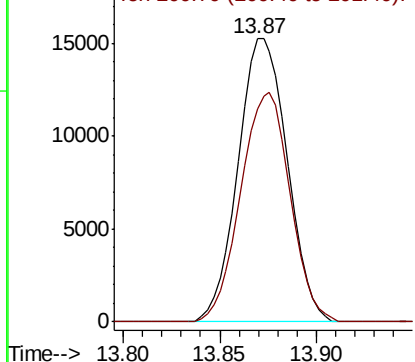


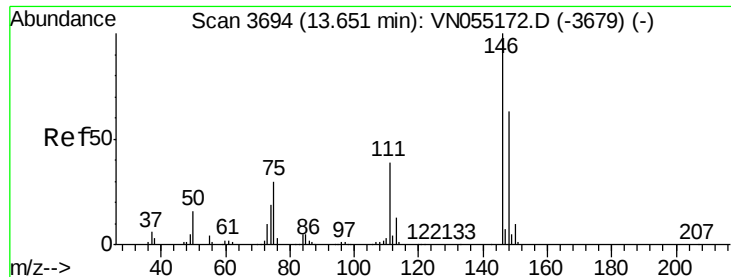
#90
Hexachloroethane
Concen: 10.342 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN055176.D
Acq: 22 Apr 2019 12:23

Tgt Ion: 117 Resp: 27020
Ion Ratio Lower Upper
117 100
201 81.1 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 10.497 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

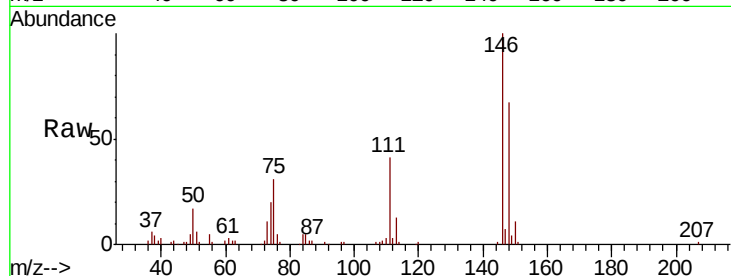
Tot Ion:146 Resp: 77146

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

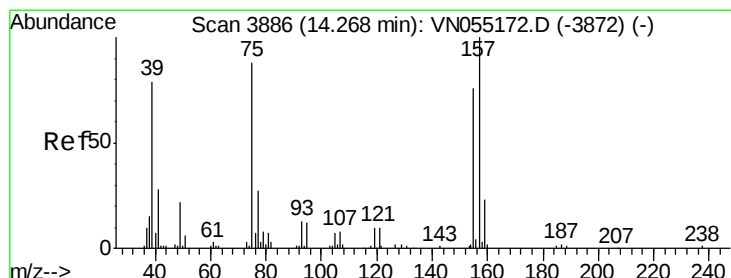
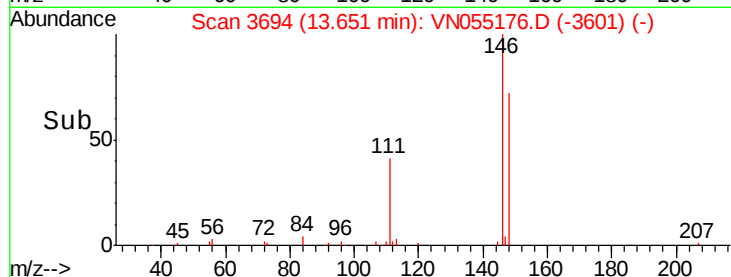
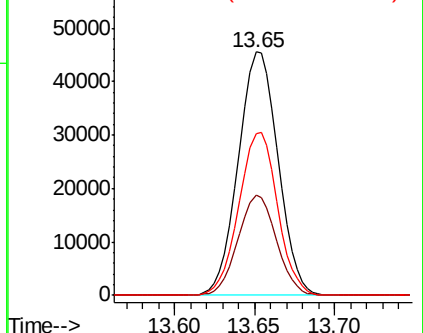
148 65.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.527 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

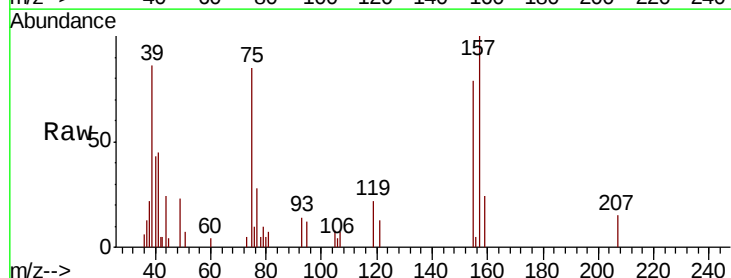
Tgt Ion: 75 Resp: 6108

Ion Ratio Lower Upper

75 100

155 86.7 43.0 129.0

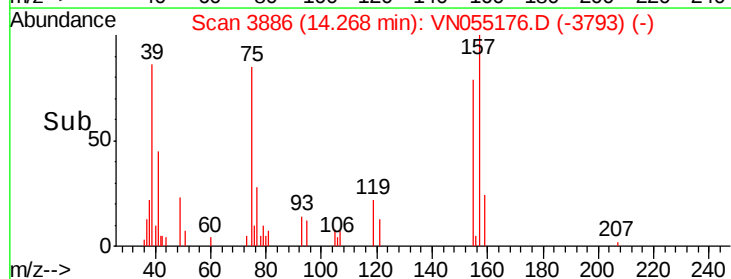
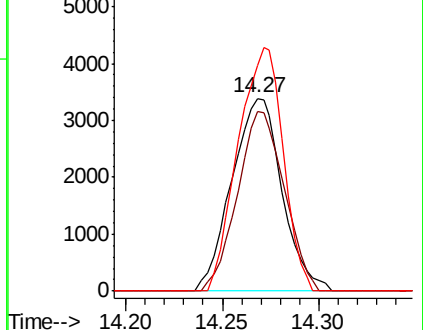
157 113.6 55.7 167.1

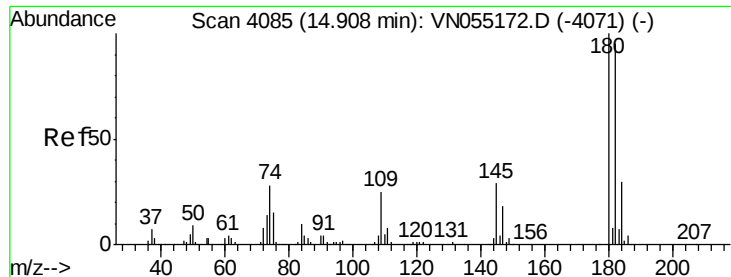


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

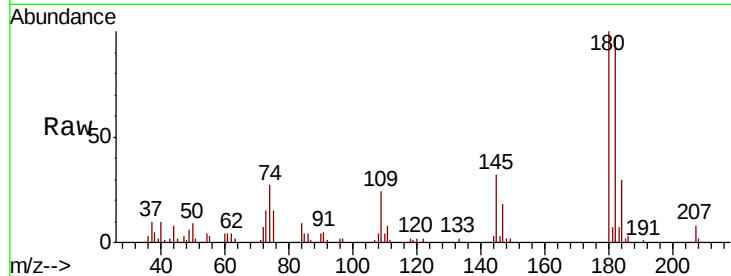




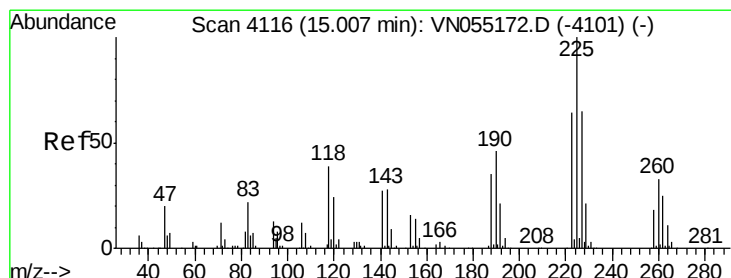
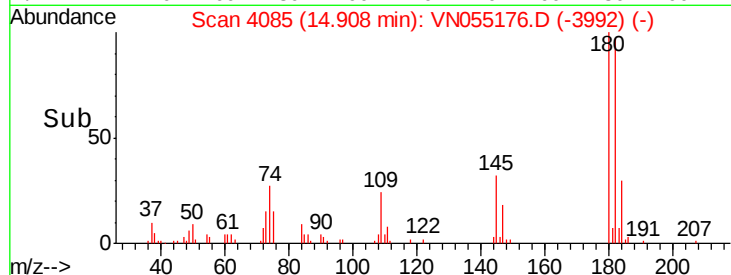
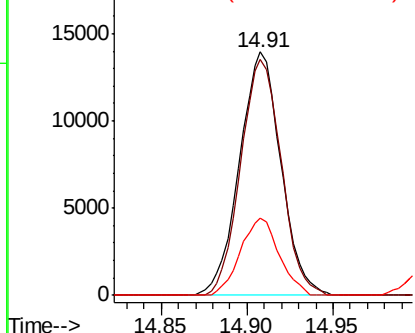
#93
 1,2,4-Trichlorobenzene
 Concen: 9.002 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tot Ion:180 Resp: 23356
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.4
 145 29.7 14.5 43.5

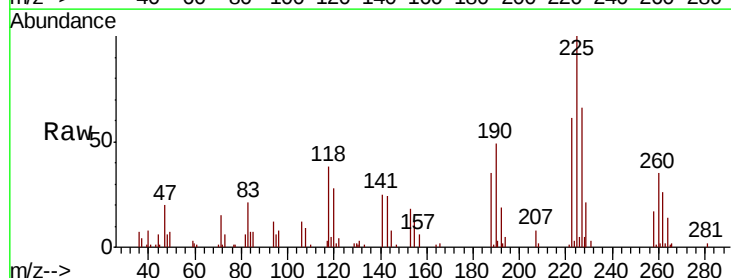


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

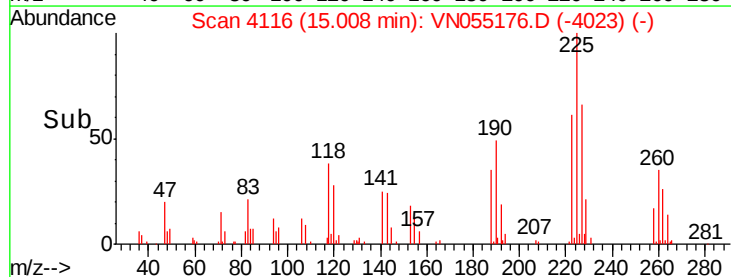
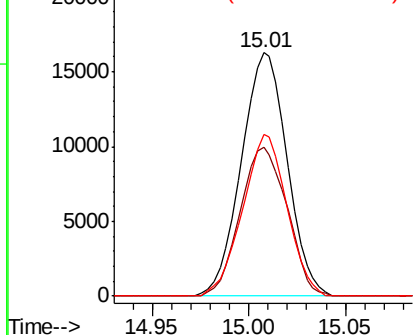


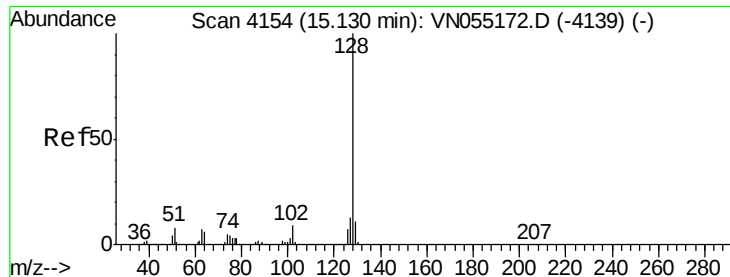
#94
 Hexachlorobutadiene
 Concen: 10.189 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055176.D
 Acq: 22 Apr 2019 12:23

Tgt Ion:225 Resp: 26801
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.2 96.6
 227 64.1 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 8.609 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

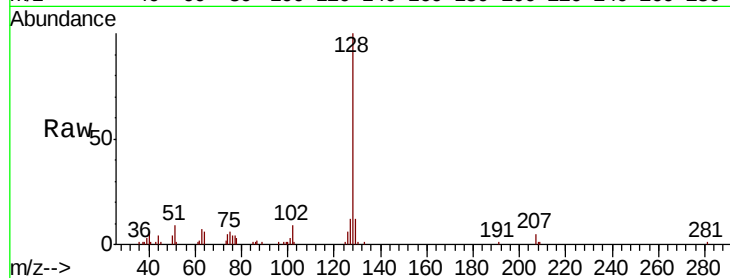
Tot Ion:128 Resp: 47183

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

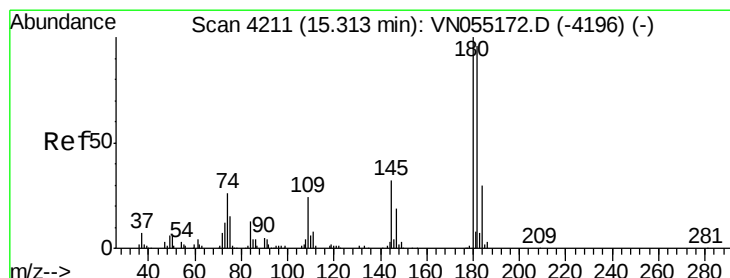
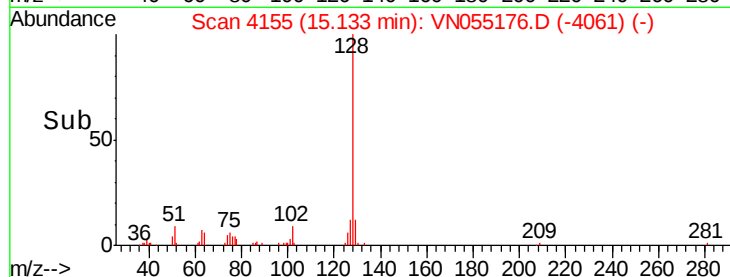
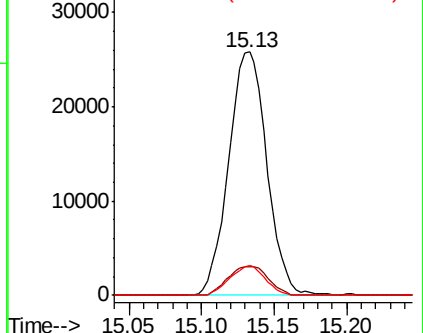
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.907 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055176.D

Acq: 22 Apr 2019 12:23

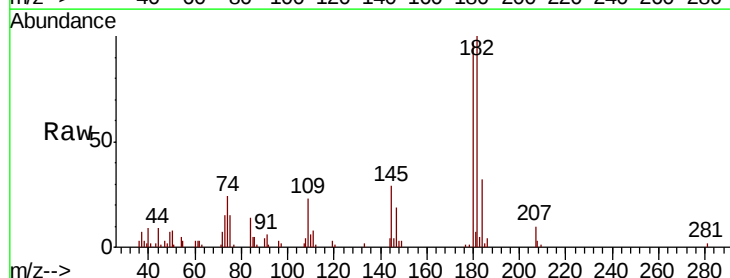
Tgt Ion:180 Resp: 24041

Ion Ratio Lower Upper

180 100

182 99.2 47.2 141.6

145 30.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

