

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055287.D
 Acq On : 29 Apr 2019 11:57
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 30 03:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	432078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	539219	92.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.48%	
35) Dibromofluoromethane	7.59	113	430317	91.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.74%	
50) Toluene-d8	10.09	98	1625688	93.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.38%	
62) 4-Bromofluorobenzene	12.40	95	545203	99.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	522268	95.267	ug/l 100
3) Chloromethane	2.06	50	613271	91.363	ug/l 99
4) Vinyl Chloride	2.19	62	487434	90.697	ug/l 100
5) Bromomethane	2.55	94	266959	85.091	ug/l 98
6) Chloroethane	2.70	64	262411	91.897	ug/l 98
7) Trichlorofluoromethane	3.02	101	689498	93.517	ug/l 98
8) Diethyl Ether	3.41	74	252605	96.062	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	414051	90.012	ug/l 100
10) Methyl Iodide	3.95	142	634238	98.995	ug/l 100
11) Tert butyl alcohol	4.79	59	163849	484.409	ug/l 99
12) 1,1-Dichloroethene	3.74	96	404688	92.273	ug/l 99
13) Acrolein	3.61	56	127611	303.542	ug/l 99
14) Allyl chloride	4.33	41	859854	98.175	ug/l 99
15) Acrylonitrile	4.99	53	894570	481.342	ug/l 99
16) Acetone	3.82	43	779813	421.084	ug/l 98
17) Carbon Disulfide	4.06	76	1116186	91.877	ug/l 99
18) Methyl Acetate	4.32	43	422707	80.098	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	1187394	96.919	ug/l 100
20) Methylene Chloride	4.55	84	471230	85.475	ug/l 96
21) trans-1,2-Dichloroethene	5.04	96	424688	92.299	ug/l 97
22) Diisopropyl ether	5.95	45	1703231	97.252	ug/l 100
23) Vinyl Acetate	5.90	43	6102024	522.003	ug/l 100
24) 1,1-Dichloroethane	5.85	63	876455	93.611	ug/l 100
25) 2-Butanone	6.83	43	1115119	455.775	ug/l 99
26) 2,2-Dichloropropane	6.83	77	623372	97.845	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	493484	92.628	ug/l 98
28) Bromochloromethane	7.20	49	444353	93.037	ug/l 99
29) Tetrahydrofuran	7.21	42	717366	471.332	ug/l 99
30) Chloroform	7.37	83	828875	92.962	ug/l 100
31) Cyclohexane	7.65	56	820184	76.525	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	696641	97.431	ug/l 99
36) 1,1-Dichloropropene	7.79	75	629686	98.627	ug/l 100
37) Ethyl Acetate	6.93	43	487423	94.543	ug/l 98
38) Carbon Tetrachloride	7.77	117	597390	99.187	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	693844	91.252	ug/l	99
40) Benzene	8.04	78	1873327	94.492	ug/l	100
41) Methacrylonitrile	7.18	41	277917	102.554	ug/l	98
42) 1,2-Dichloroethane	8.12	62	650599	94.031	ug/l	100
43) Isopropyl Acetate	8.16	43	851394	101.460	ug/l	99
44) Trichloroethene	8.84	130	468339	93.682	ug/l	99
45) 1,2-Dichloropropane	9.12	63	530894	94.609	ug/l	100
46) Dibromomethane	9.21	93	290275	90.854	ug/l	99
47) Bromodichloromethane	9.40	83	647271	100.740	ug/l	98
48) Methyl methacrylate	9.20	41	407521	99.561	ug/l	97
49) 1,4-Dioxane	9.20	88	85042	1841.821	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2339280	484.580	ug/l	99
52) Toluene	10.16	92	1090372	94.284	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	644069	109.269	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	766417	104.786	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	397721	92.743	ug/l	98
56) Ethyl methacrylate	10.43	69	562614	105.631	ug/l	100
57) 1,3-Dichloropropane	10.71	76	719275	96.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	839115	510.453	ug/l	100
59) 2-Hexanone	10.75	43	1465432	486.316	ug/l	99
60) Dibromochloromethane	10.90	129	452707	102.351	ug/l	100
61) 1,2-Dibromoethane	11.00	107	392579	97.786	ug/l	99
64) Tetrachloroethene	10.63	164	425828	85.544	ug/l	99
65) Chlorobenzene	11.43	112	1136747	91.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	440679	95.116	ug/l	100
67) Ethyl Benzene	11.51	91	2085122	94.005	ug/l	99
68) m/p-Xylenes	11.62	106	1500151	189.187	ug/l	99
69) o-Xylene	11.95	106	733629	93.132	ug/l	100
70) Styrene	11.96	104	1241967	101.946	ug/l	100
71) Bromoform	12.13	173	283603	103.531	ug/l #	98
73) Isopropylbenzene	12.25	105	1963345	78.815	ug/l	100
74) N-amyl acetate	12.07	43	660255	99.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	488970	74.418	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	603508	113.681	ug/l #	100
77) Bromobenzene	12.53	156	478398	84.002	ug/l	99
78) n-propylbenzene	12.59	91	2234730	86.022	ug/l	100
79) 2-Chlorotoluene	12.67	91	1346832	82.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1624739	83.899	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	131736	95.014	ug/l	98
82) 4-Chlorotoluene	12.77	91	1328837	88.415	ug/l	100
83) tert-Butylbenzene	12.99	119	1377468	79.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1591351	87.193	ug/l	100
85) sec-Butylbenzene	13.17	105	1792470	81.739	ug/l	99
86) p-Isopropyltoluene	13.29	119	1581422	87.665	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	795763	91.522	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	778231	91.795	ug/l	100
89) n-Butylbenzene	13.61	91	1345599	101.278	ug/l	100
90) Hexachloroethane	13.87	117	280986	87.336	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	762060	85.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71537	91.333	ug/l	98

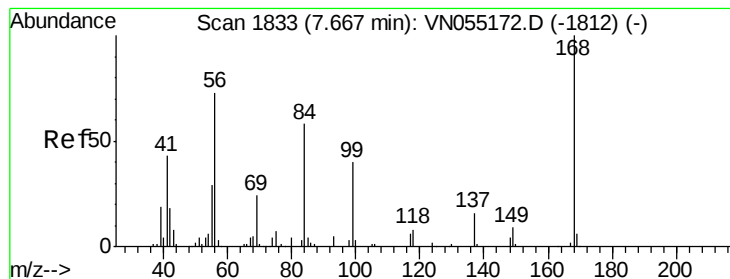
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	357911	115.445	ug/l	98
94) Hexachlorobutadiene	15.01	225	246714	76.553	ug/l	97
95) Naphthalene	15.13	128	765165	117.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	347903	108.064	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

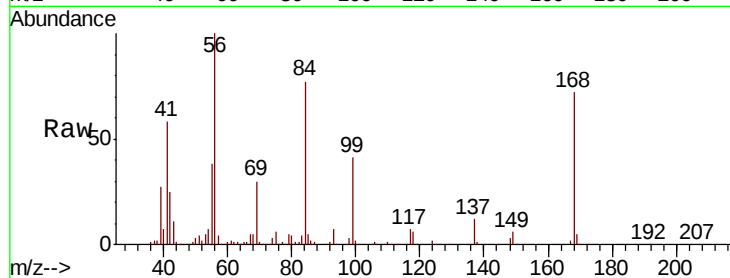
VSTDIC100

Tgt Ion:168 Resp: 432078

Ion Ratio Lower Upper

168 100

99 56.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

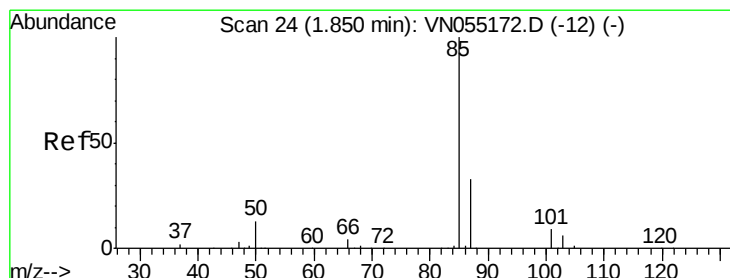
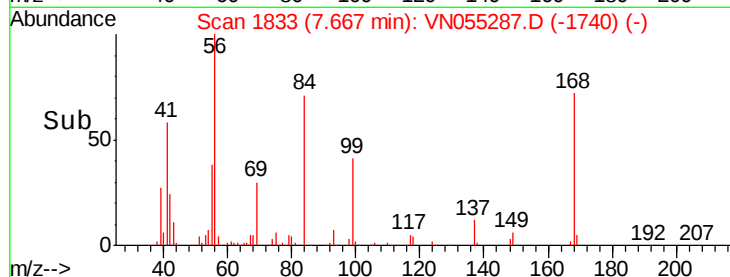
0

7.67

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 95.267 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055287.D

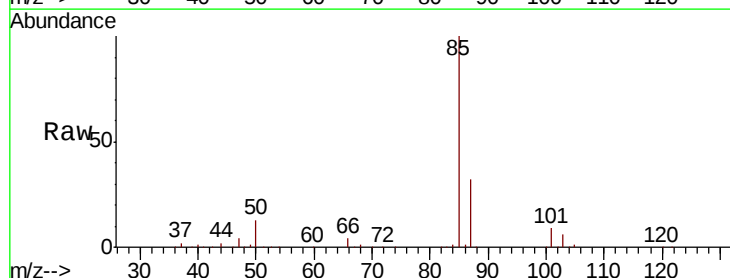
Acq: 29 Apr 2019 11:57

Tgt Ion: 85 Resp: 522268

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

100000

0

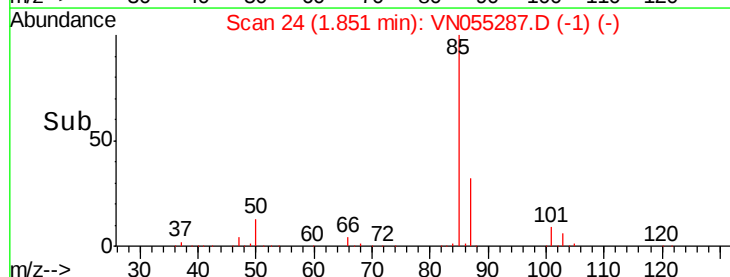
1.85

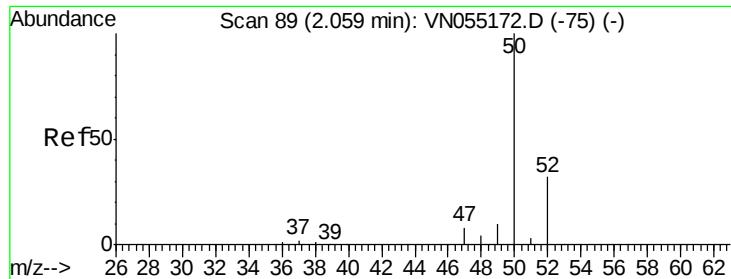
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 91.363 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

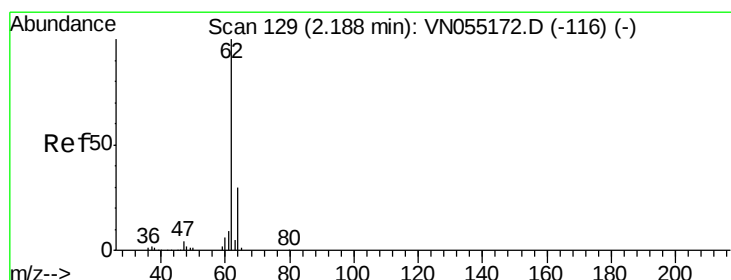
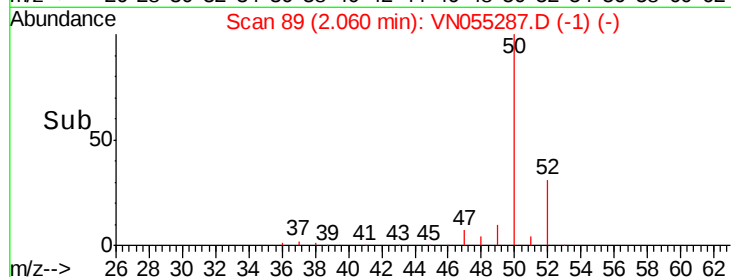
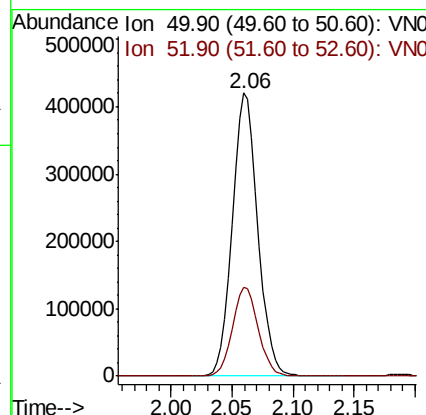
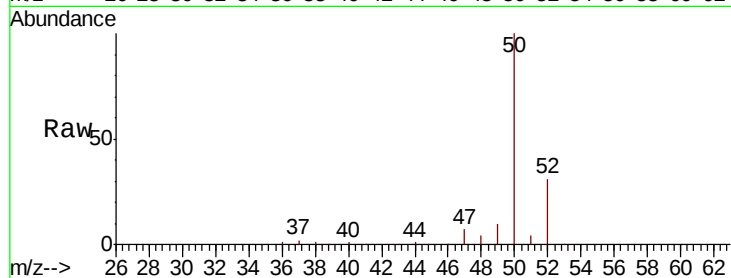
VSTDIC100

Tgt Ion: 50 Resp: 613271

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 90.697 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055287.D

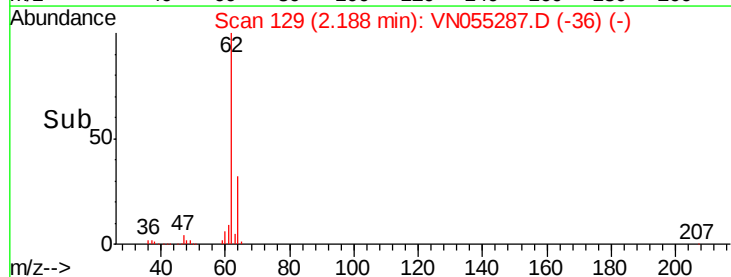
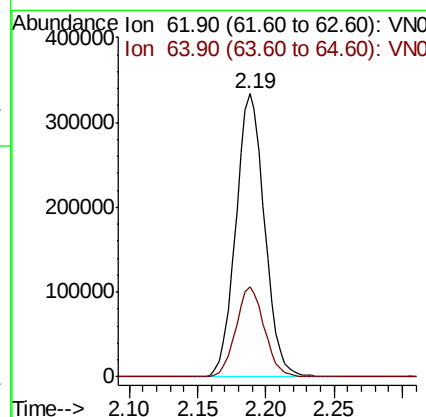
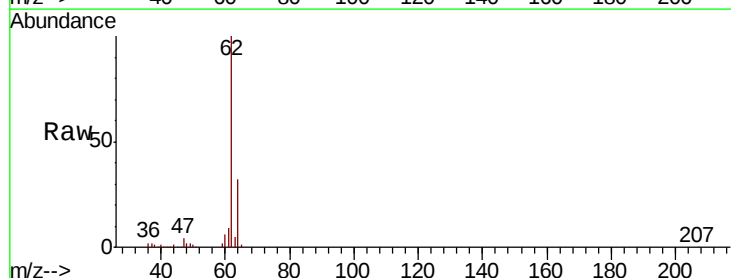
Acq: 29 Apr 2019 11:57

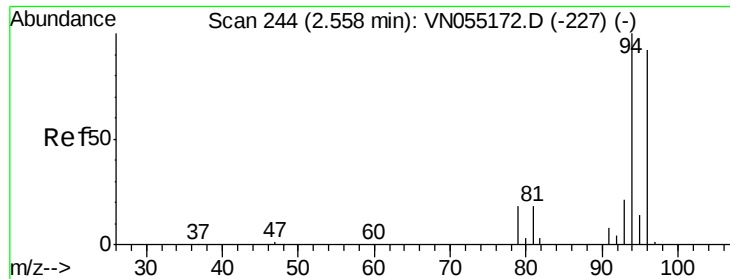
Tgt Ion: 62 Resp: 487434

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 85.091 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

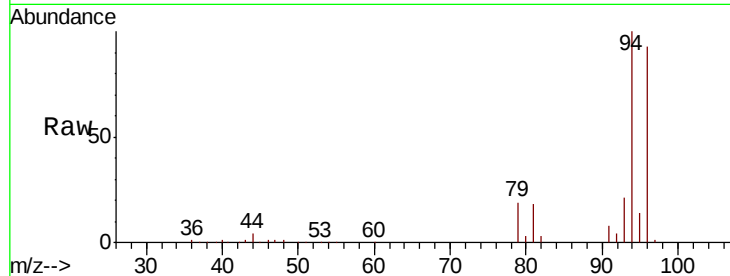
VSTDIC100

Tgt Ion: 94 Resp: 266959

Ion Ratio Lower Upper

94 100

96 93.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN055172.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN055172.D (-227) (-)

2.55

150000

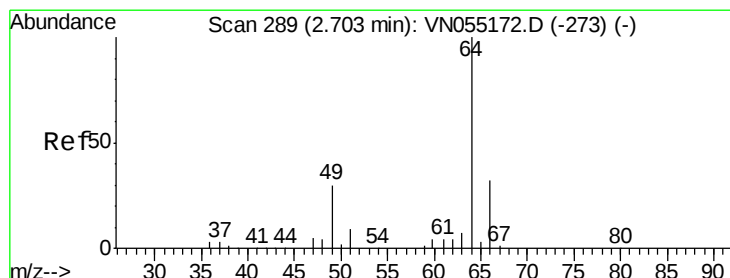
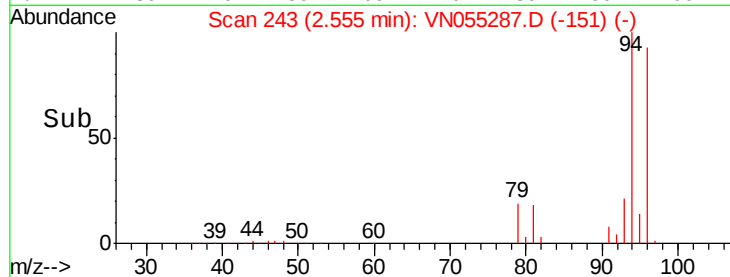
100000

50000

0

Time-->

2.50 2.60 2.70



#6

Chloroethane

Concen: 91.897 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN055287.D

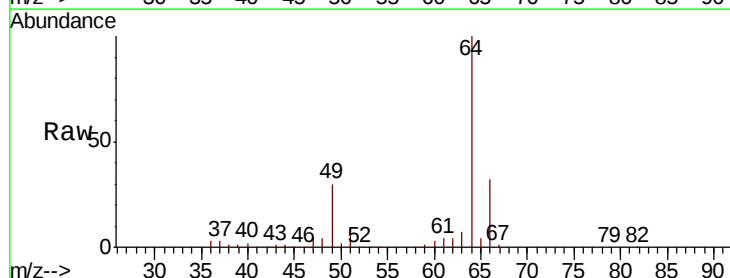
Acq: 29 Apr 2019 11:57

Tgt Ion: 64 Resp: 262411

Ion Ratio Lower Upper

64 100

66 32.3 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN055172.D (-273) (-)

Ion 65.90 (65.60 to 66.60): VN055172.D (-273) (-)

2.70

150000

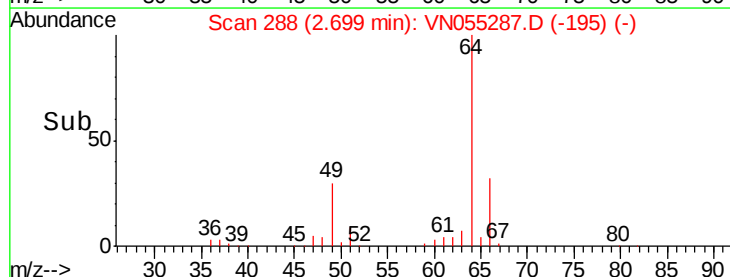
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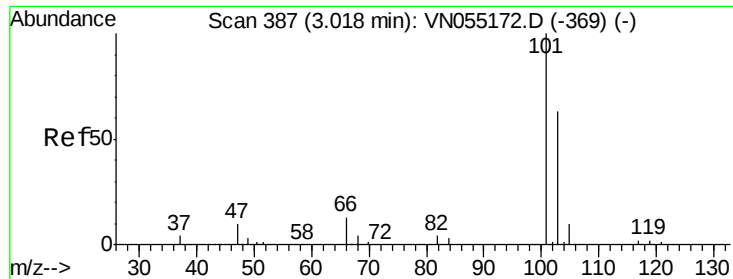
50000

0

Time-->

2.60 2.70 2.80



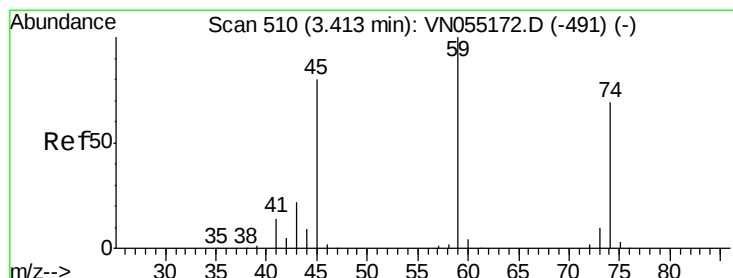
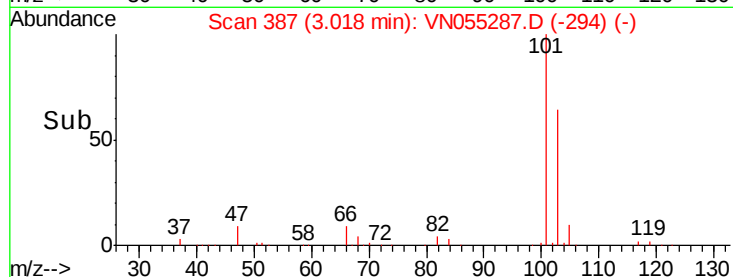
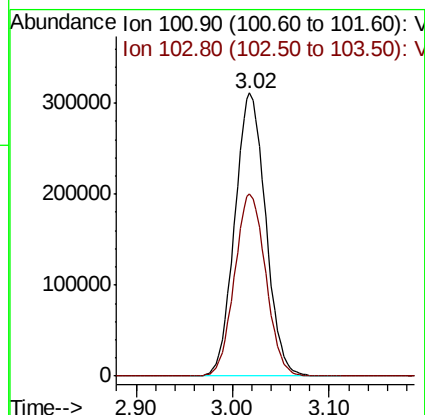
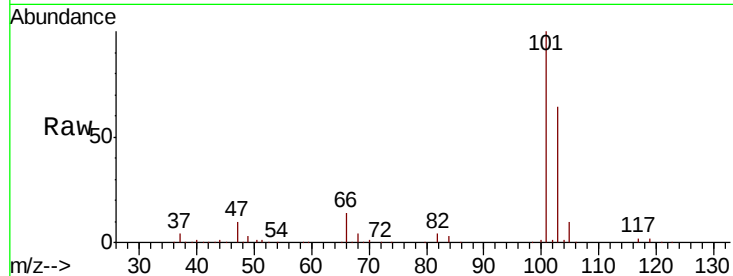


#7

Trichlorofluoromethane
 Concen: 93.517 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Instrument :
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 VSTDIC100

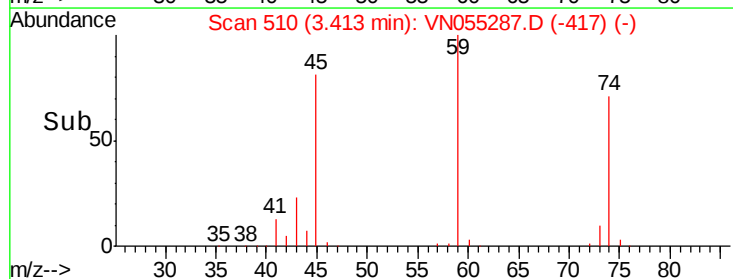
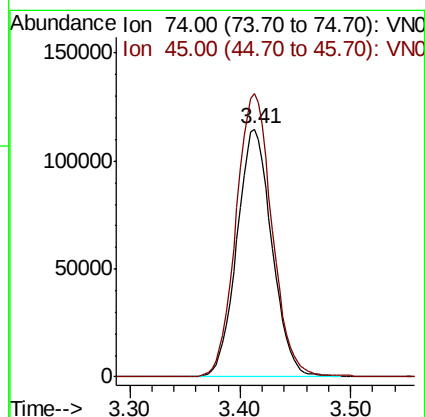
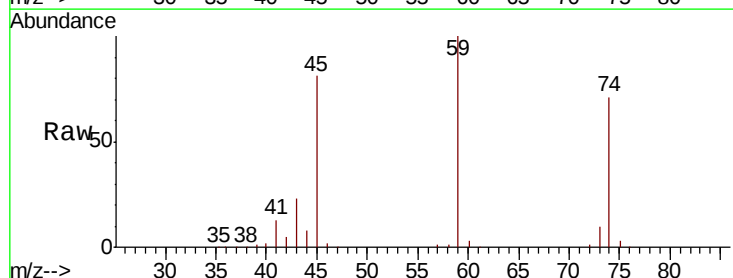
Tgt Ion: 101 Resp: 689498
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 79.0

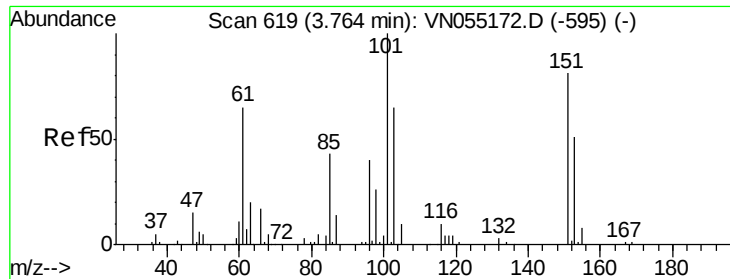


#8

Diethyl Ether
 Concen: 96.062 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion: 74 Resp: 252605
 Ion Ratio Lower Upper
 74 100
 45 117.1 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 90.012 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

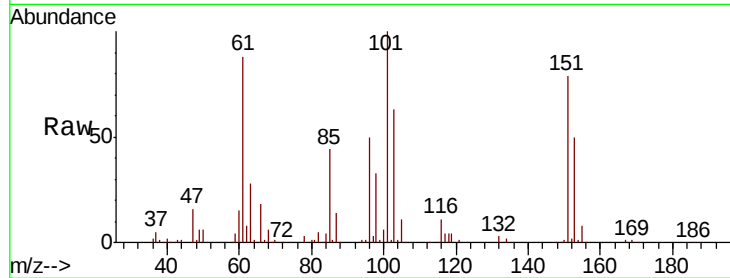
Tgt Ion:101 Resp: 414051

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

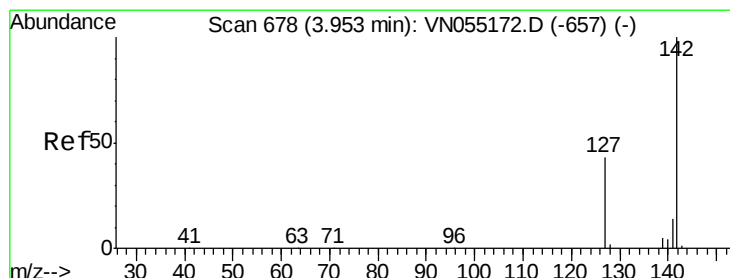
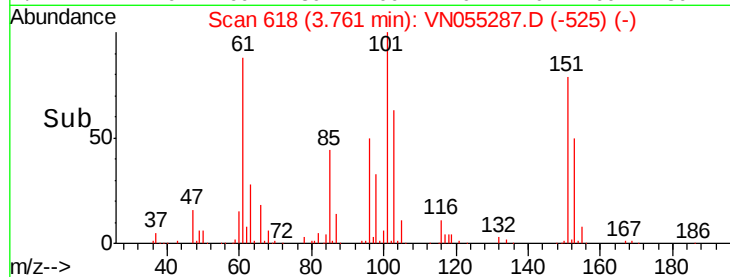
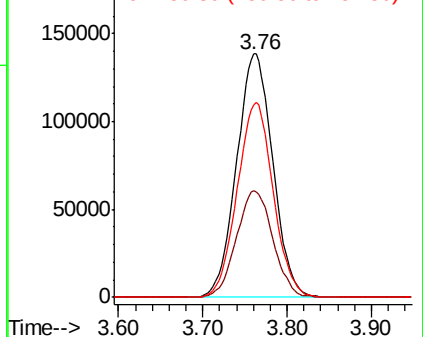
151 79.3 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 98.995 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

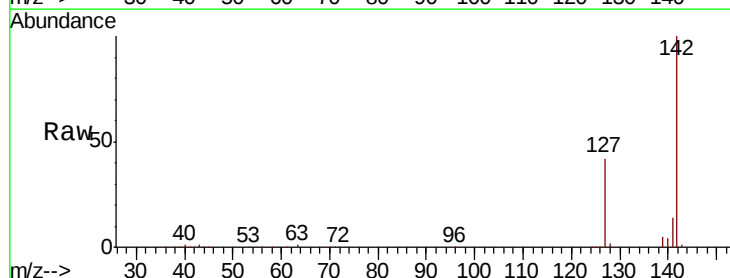
Tgt Ion:142 Resp: 634238

Ion Ratio Lower Upper

142 100

127 42.8 34.4 51.6

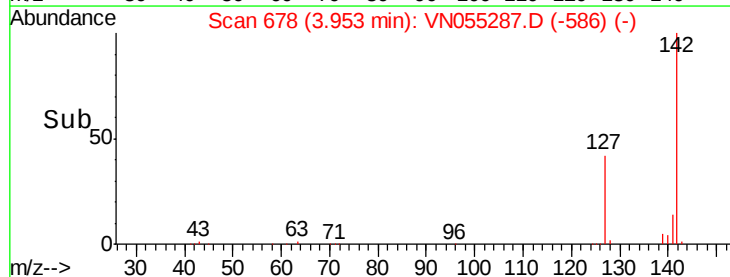
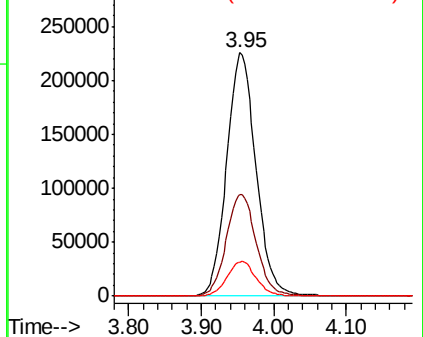
141 14.3 11.5 17.3

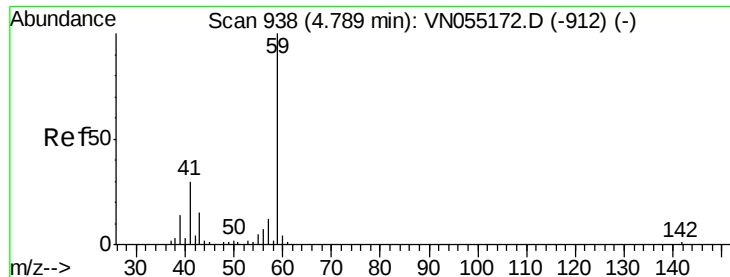


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

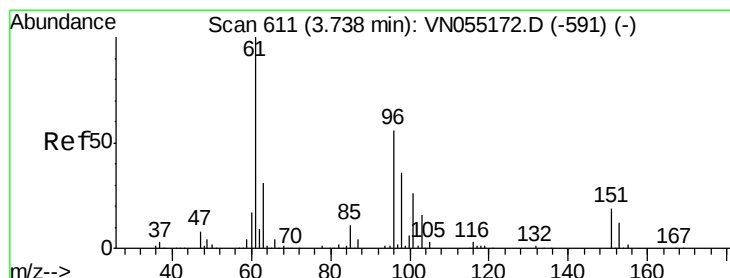
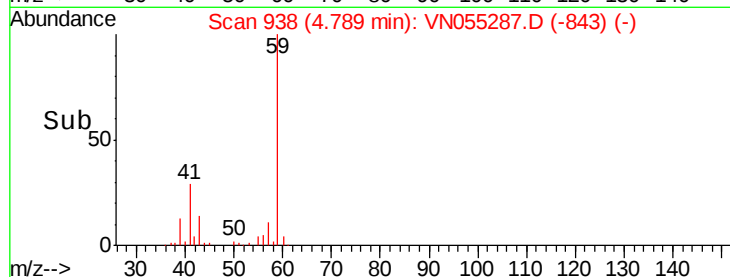
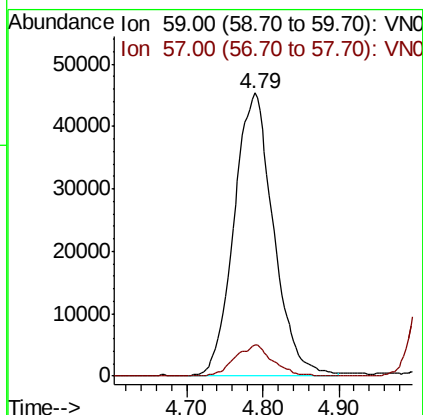
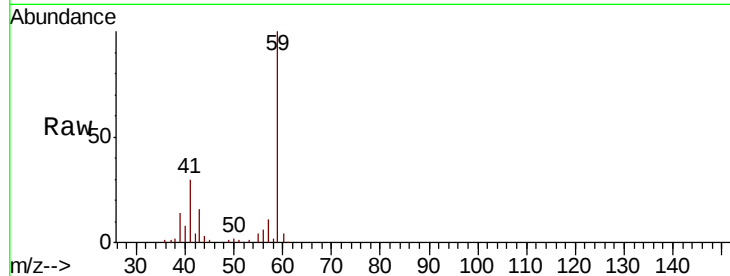




#11
Tert butyl alcohol
Concen: 484.409 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

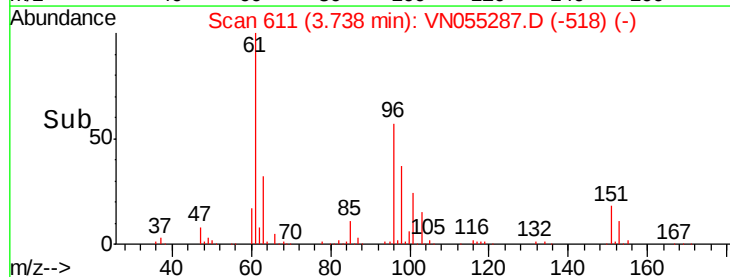
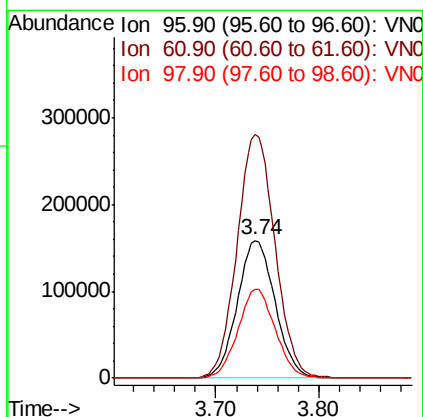
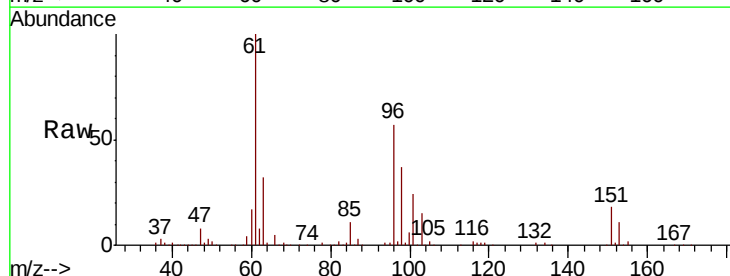
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

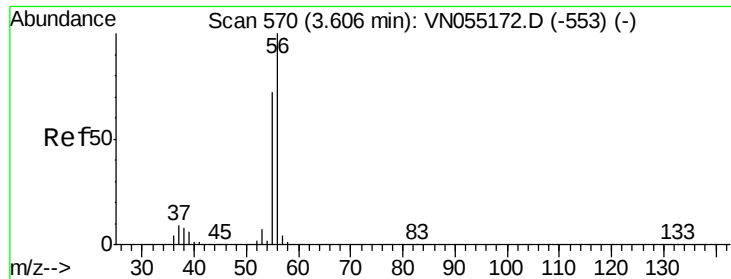
Tgt Ion: 59 Resp: 163849
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 92.273 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 96 Resp: 404688
Ion Ratio Lower Upper
96 100
61 176.7 140.9 211.3
98 64.7 50.0 75.0





#13

Acrolein

Concen: 303.542 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

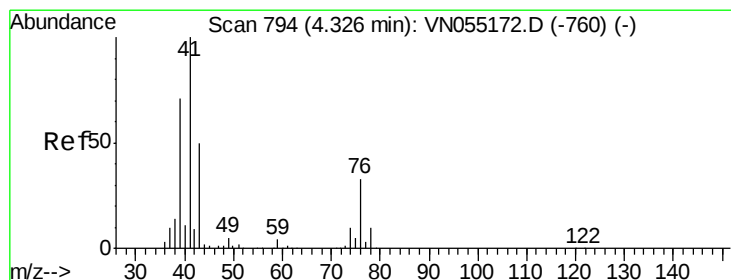
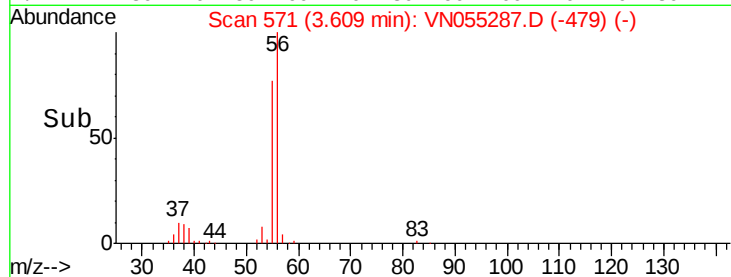
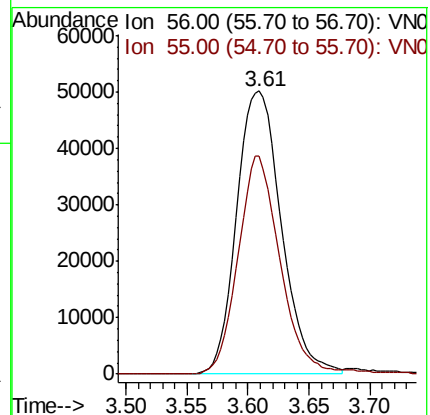
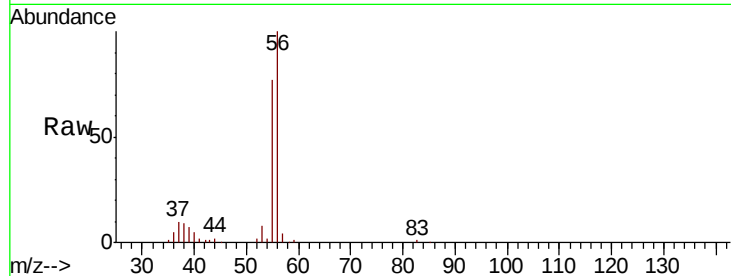
VSTDIC100

Tgt Ion: 56 Resp: 127611

Ion Ratio Lower Upper

56 100

55 72.5 57.4 86.2



#14

Allyl chloride

Concen: 98.175 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

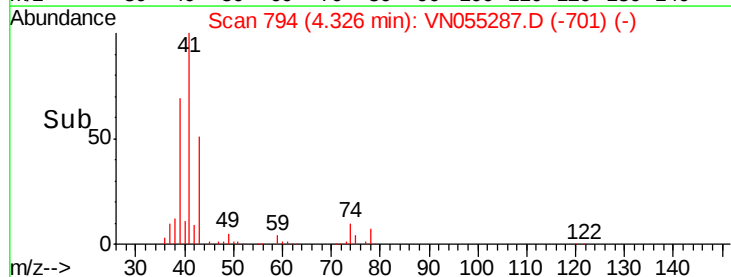
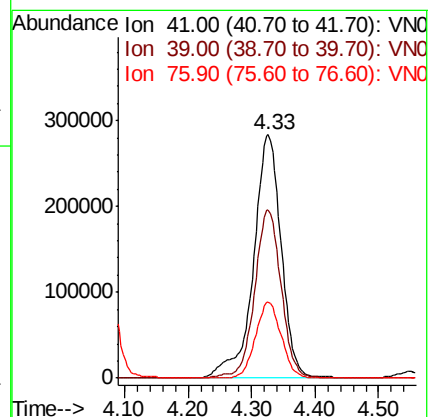
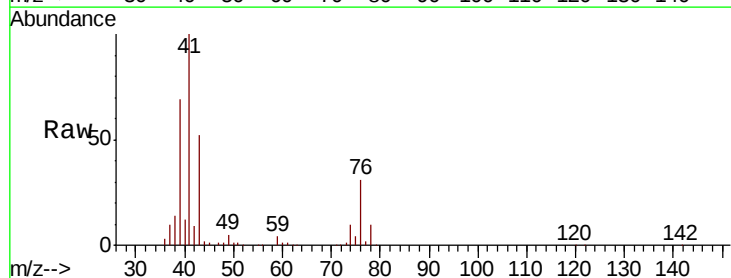
Tgt Ion: 41 Resp: 859854

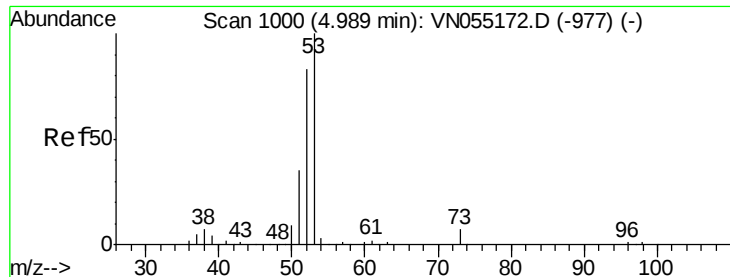
Ion Ratio Lower Upper

41 100

39 65.9 53.0 79.6

76 28.9 22.7 34.1





#15

Acrylonitrile

Concen: 481.342 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

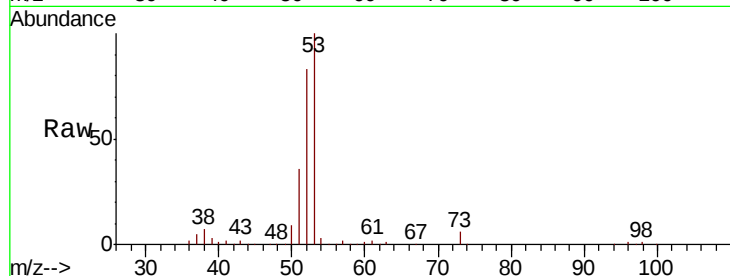
Tgt Ion: 53 Resp: 894570

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 36.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055172.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN055172.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN055172.D (-977) (-)

4.99

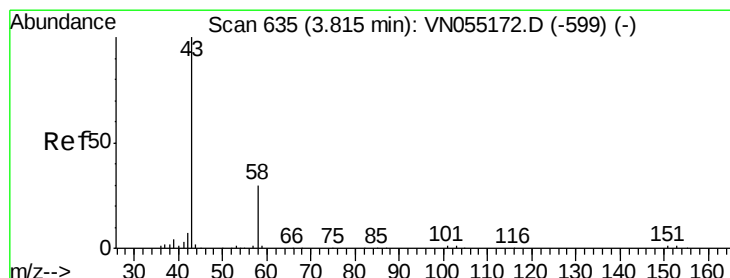
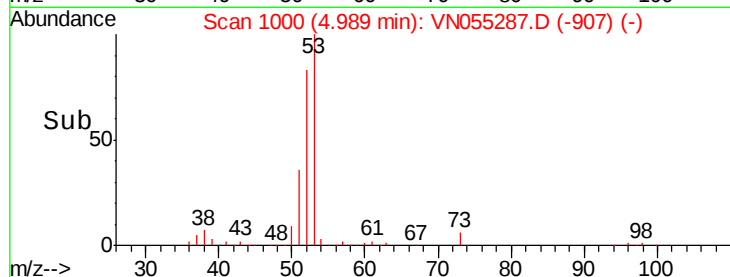
300000

200000

100000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 421.084 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055287.D

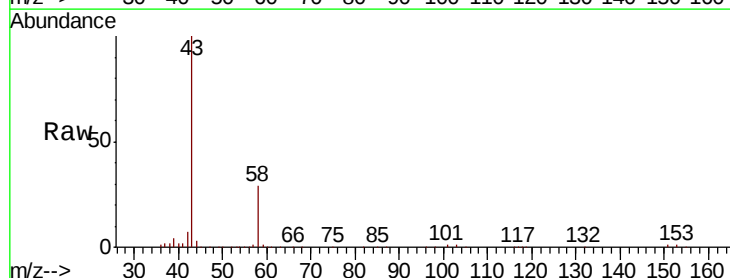
Acq: 29 Apr 2019 11:57

Tgt Ion: 43 Resp: 779813

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)

3.82

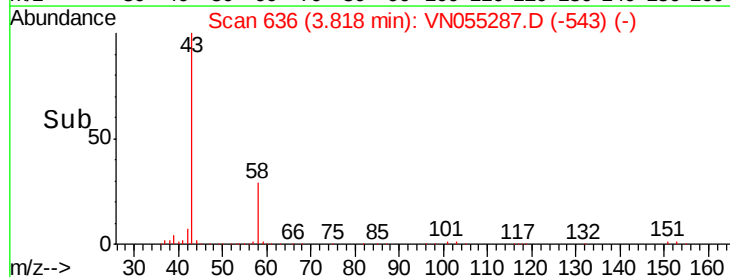
300000

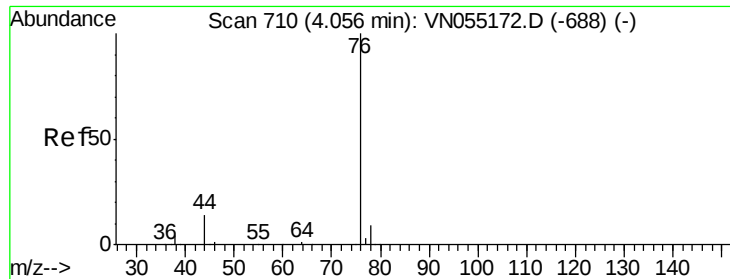
200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00

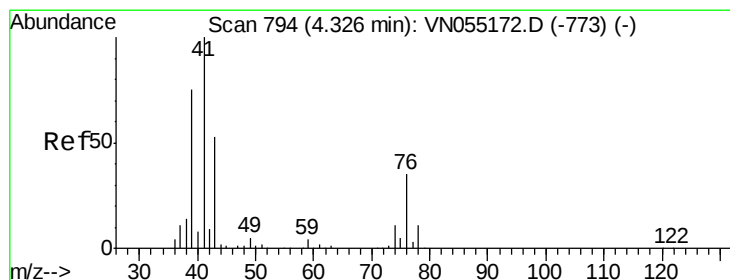
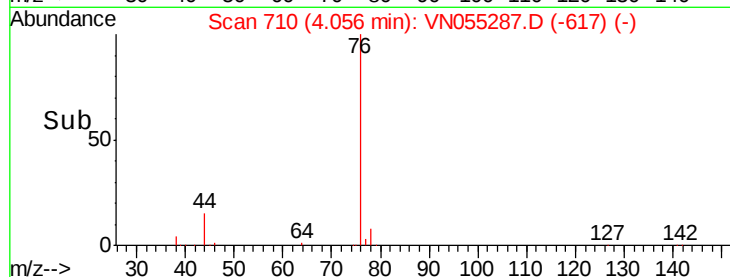
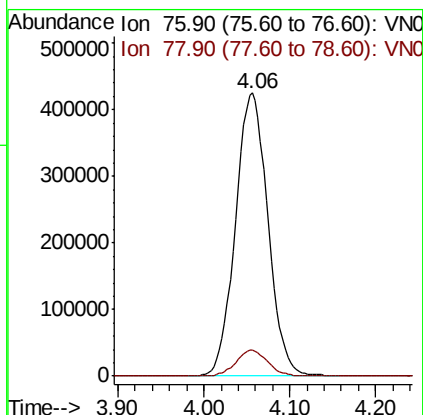
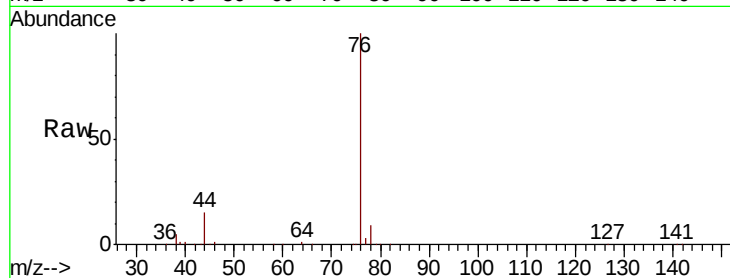




#17
Carbon Disulfide
Concen: 91.877 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

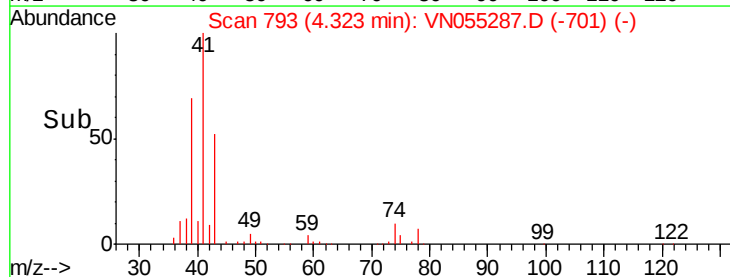
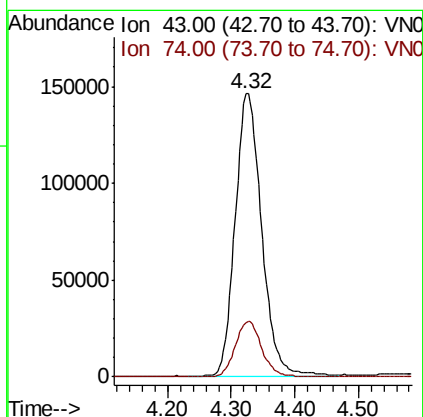
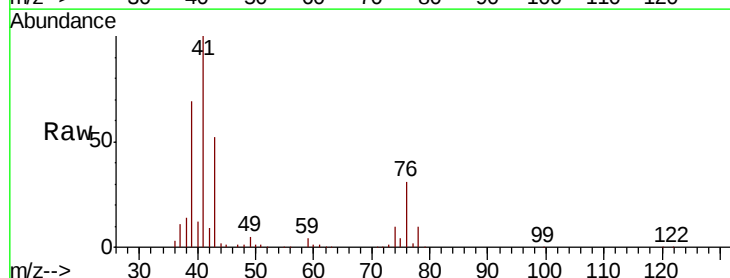
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

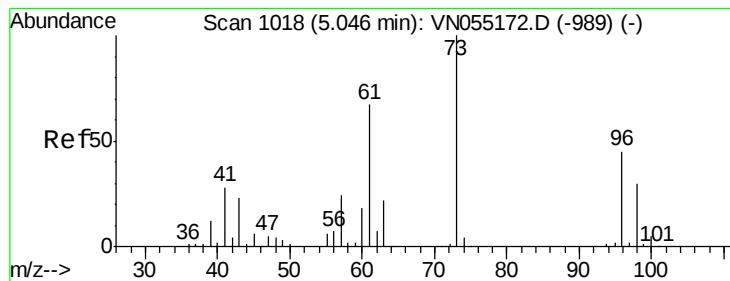
Tgt Ion: 76 Resp: 1116186
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 80.098 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 43 Resp: 422707
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8





#19

Methyl tert-butyl Ether

Concen: 96.919 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

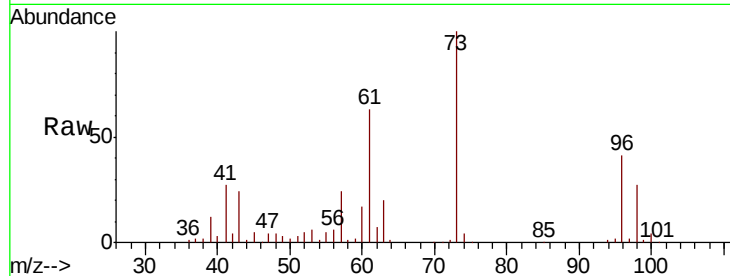
VSTDIC100

Tgt Ion: 73 Resp: 1187394

Ion Ratio Lower Upper

73 100

57 24.1 19.1 28.7



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

Ion 57.00 (56.70 to 57.70): VN055172.D (-989) (-)

5.05

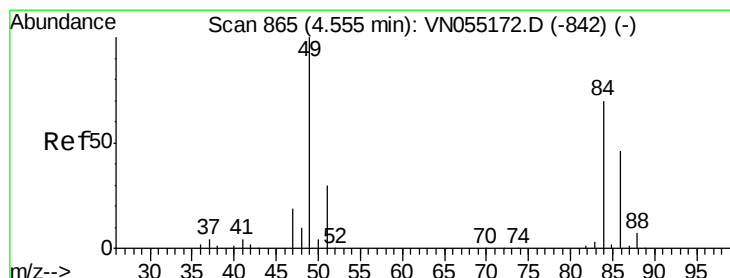
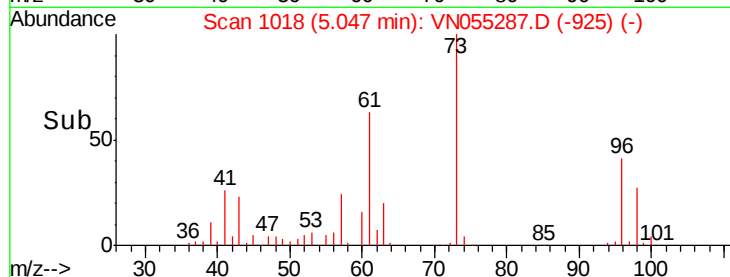
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 85.475 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Tgt Ion: 84 Resp: 471230

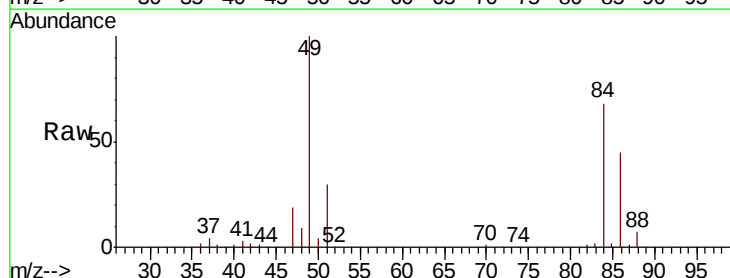
Ion Ratio Lower Upper

84 100

49 147.2 112.4 168.6

51 44.3 34.6 51.8

86 66.8 51.9 77.9



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) (-)

4.55

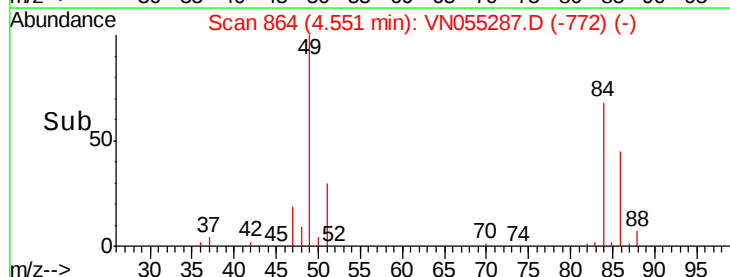
300000

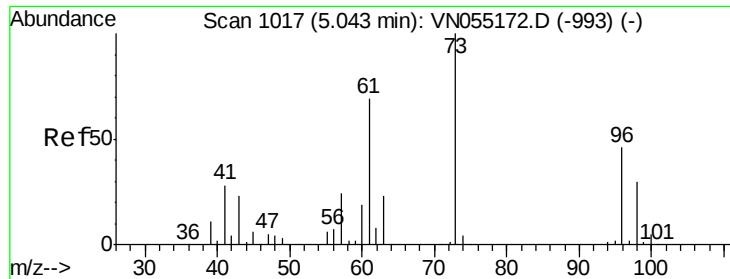
200000

100000

0

Time-->

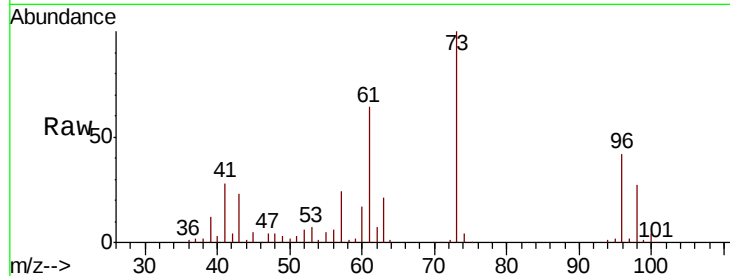




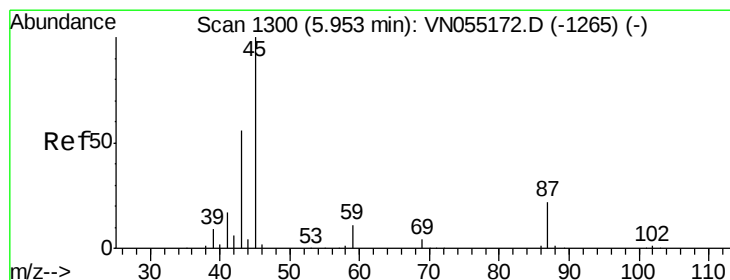
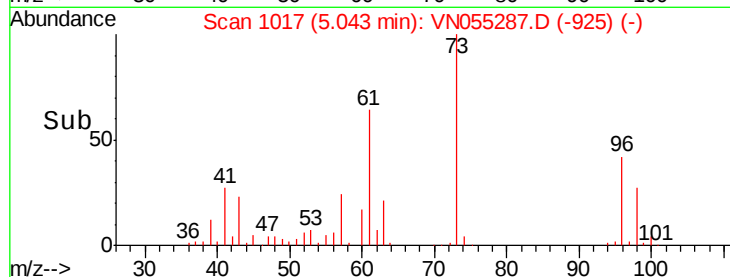
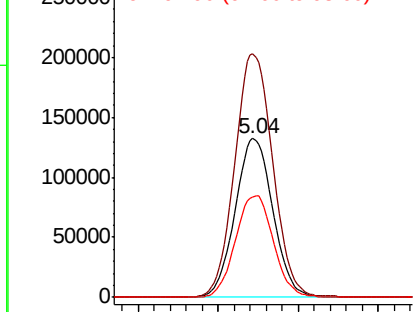
#21
trans-1,2-Dichloroethene
Concen: 92.299 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 96 Resp: 424688
Ion Ratio Lower Upper
96 100
61 153.5 126.2 189.4
98 63.4 52.2 78.2

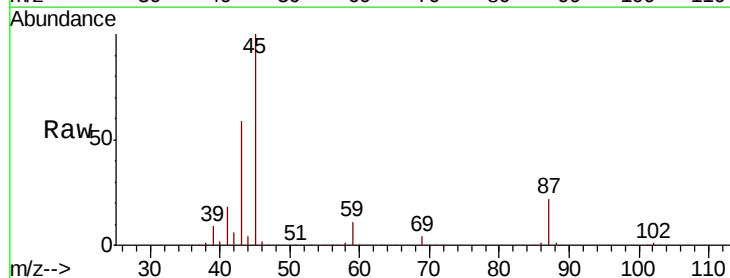


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

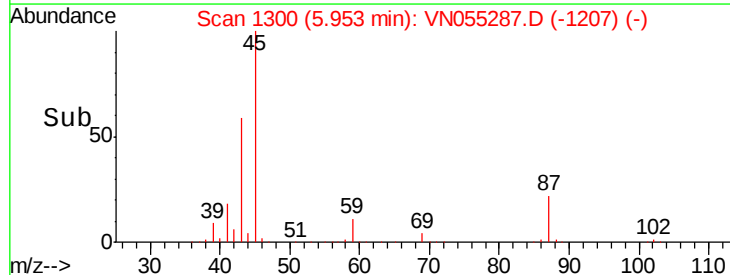
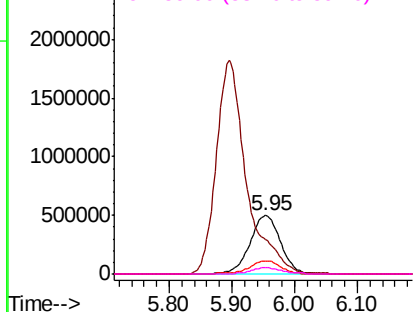


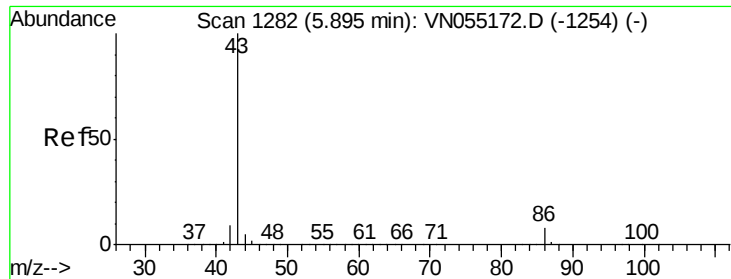
#22
Diisopropyl ether
Concen: 97.252 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 45 Resp: 1703231
Ion Ratio Lower Upper
45 100
43 58.5 46.6 70.0
87 22.4 18.1 27.1
59 10.5 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 522.003 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

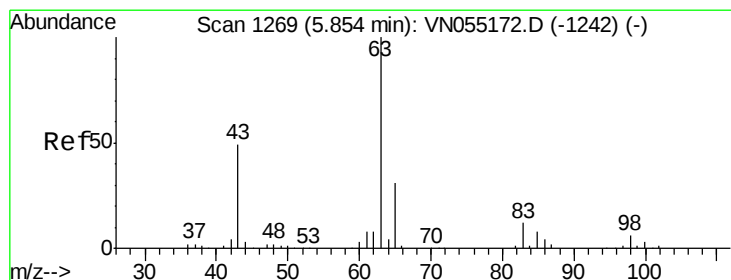
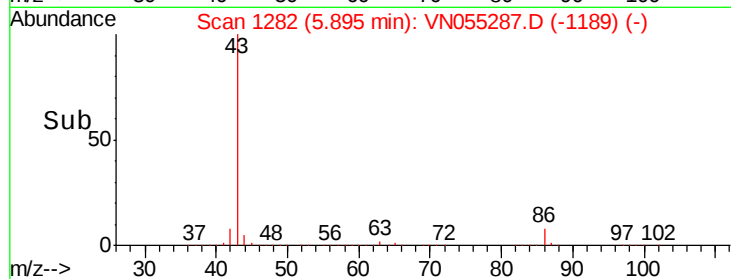
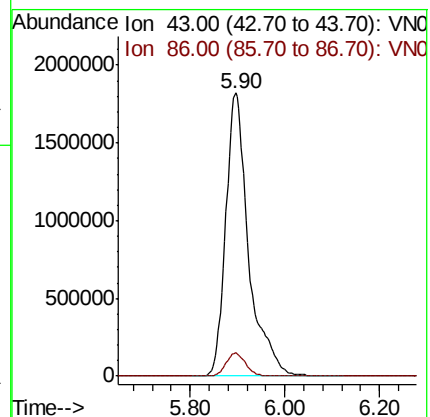
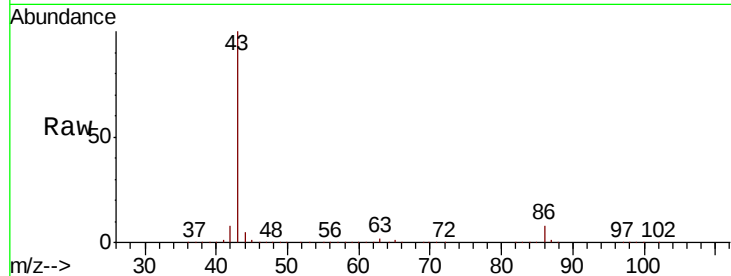
VSTDIC100

Tgt Ion: 43 Resp: 6102024

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



#24

1,1-Dichloroethane

Concen: 93.611 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

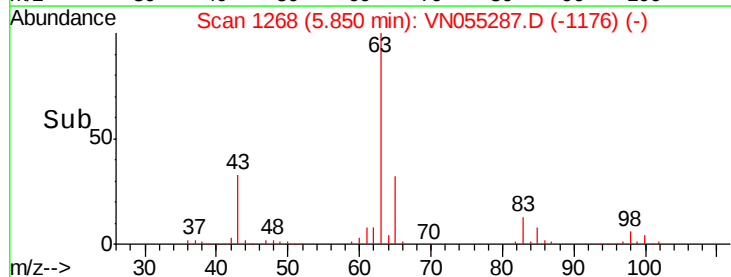
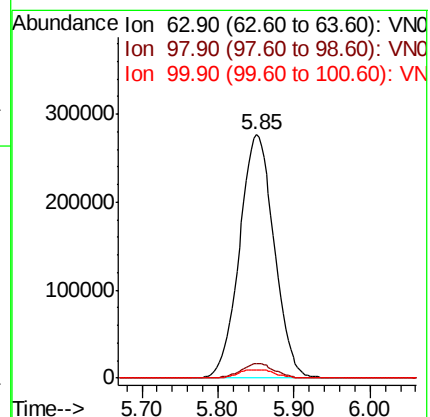
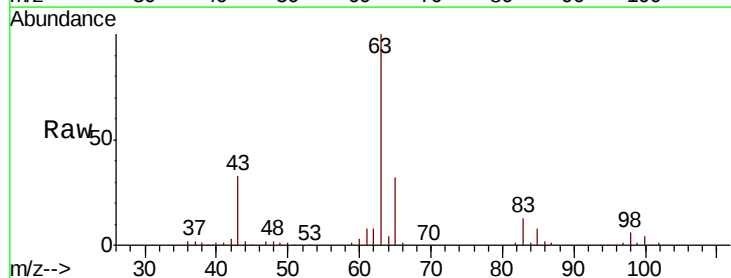
Tgt Ion: 63 Resp: 876455

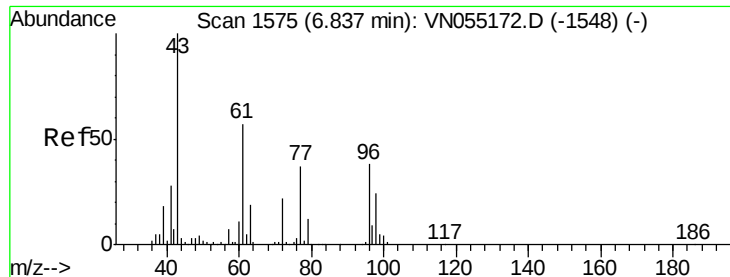
Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

100 3.5 1.8 5.4

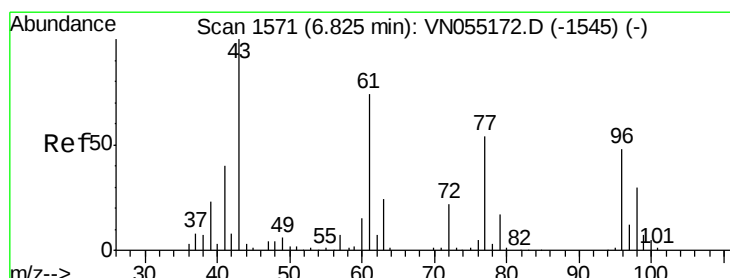
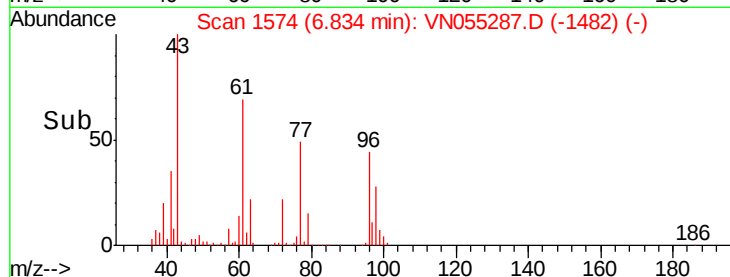
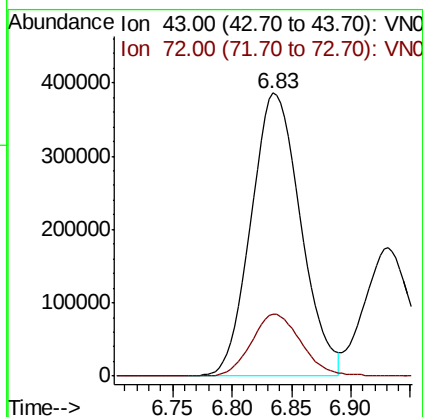
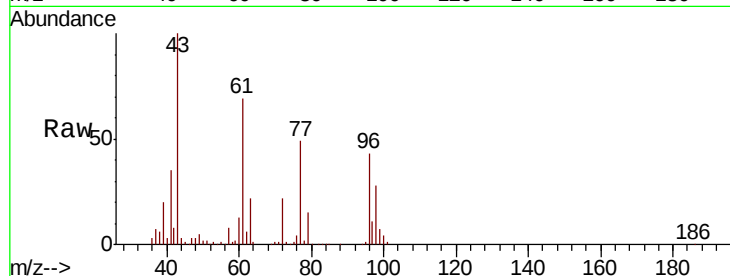




#25
2-Butanone
Concen: 455.775 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

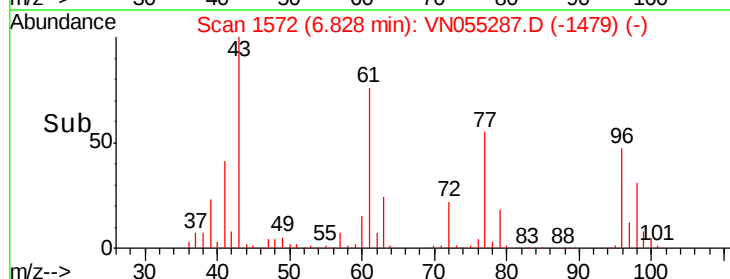
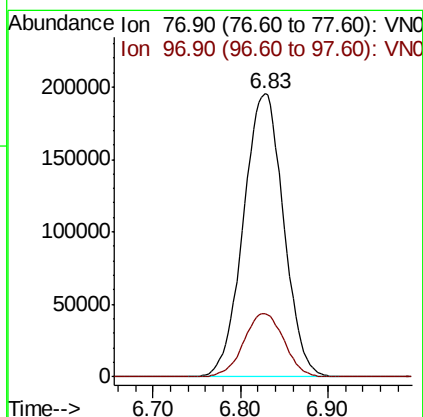
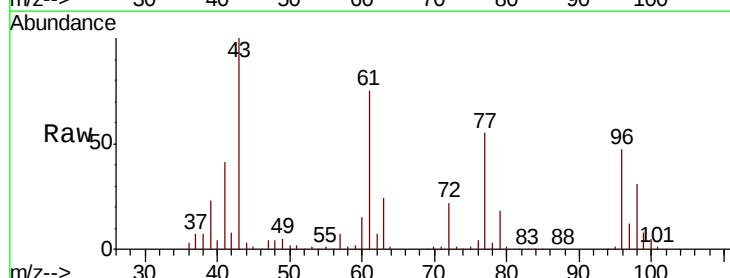
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

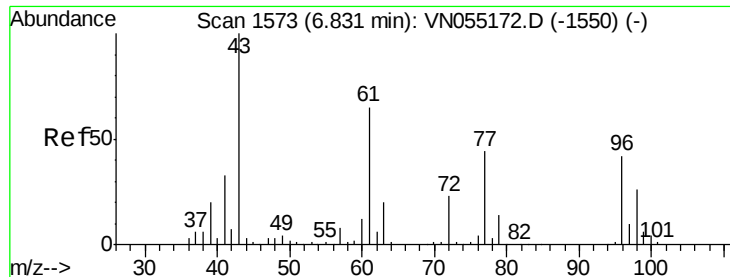
Tgt Ion: 43 Resp: 1115119
Ion Ratio Lower Upper
43 100
72 21.9 18.0 27.0



#26
2,2-Dichloropropane
Concen: 97.845 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 77 Resp: 623372
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 92.628 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

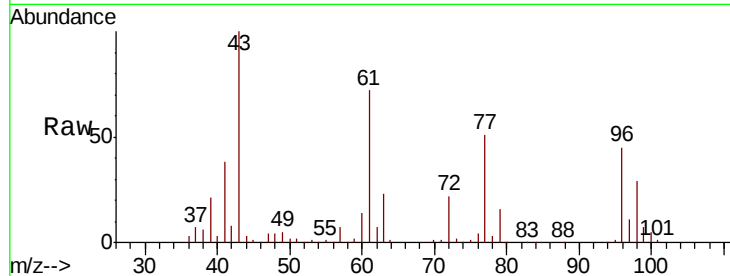
Tgt Ion: 96 Resp: 493484

Ion Ratio Lower Upper

96 100

61 160.3 0.0 316.2

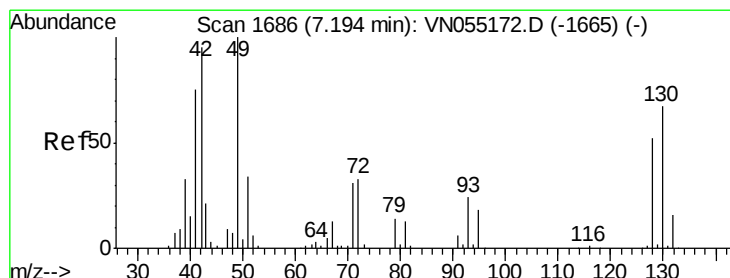
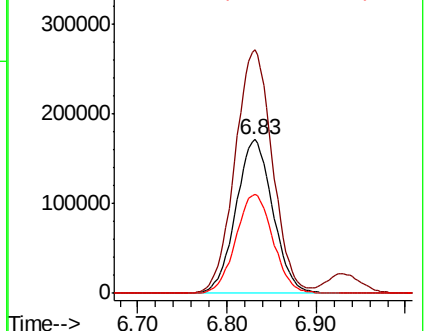
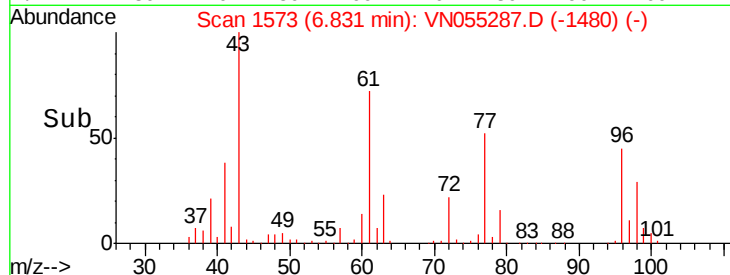
98 64.7 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN055287.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN055287.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN055287.D (-1480) (-)



#28

Bromochloromethane

Concen: 93.037 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

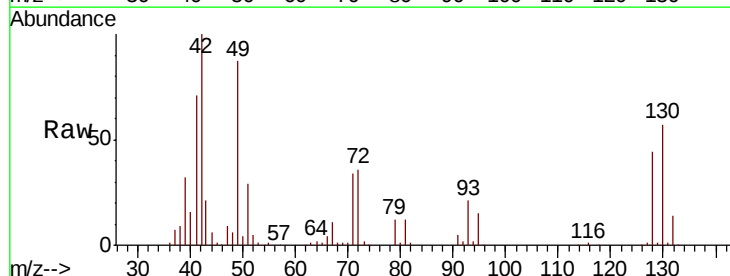
Tgt Ion: 49 Resp: 444353

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.4

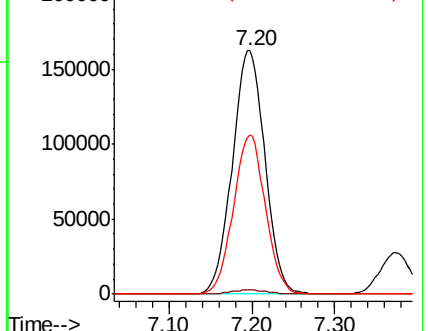
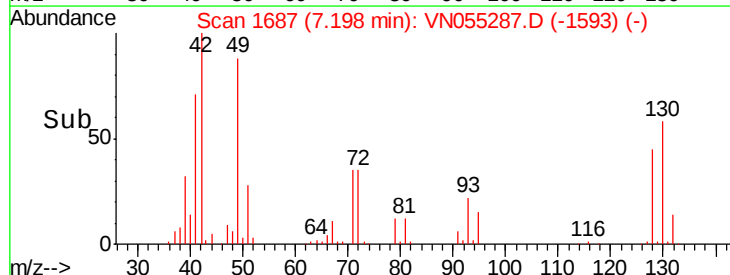
130 64.1 52.0 78.0

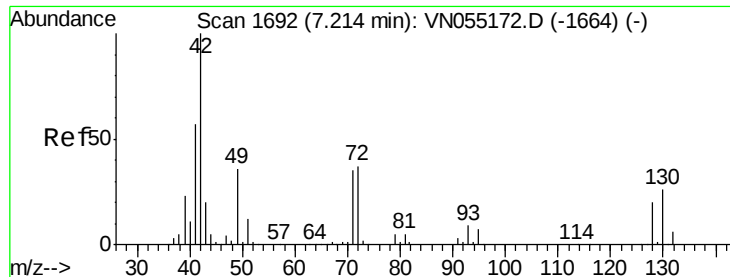


Abundance Ion 48.90 (48.60 to 49.60): VN055287.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN055287.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN055287.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 471.332 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

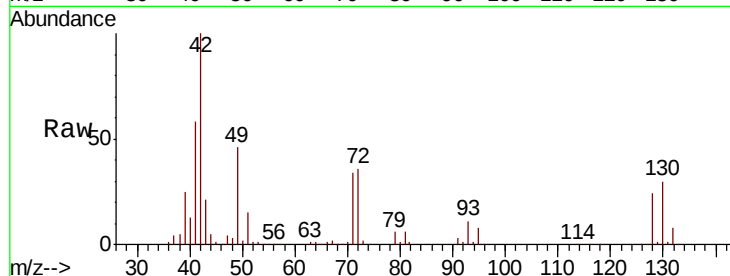
Tgt Ion: 42 Resp: 717366

Ion Ratio Lower Upper

42 100

72 35.9 29.0 43.6

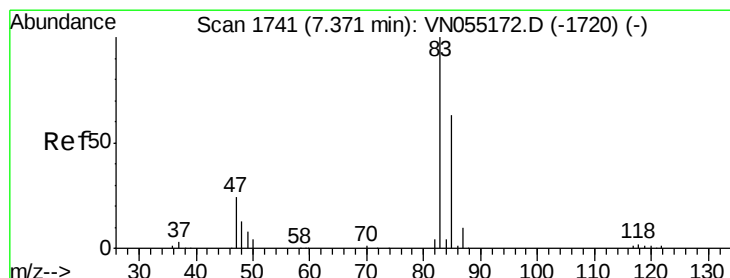
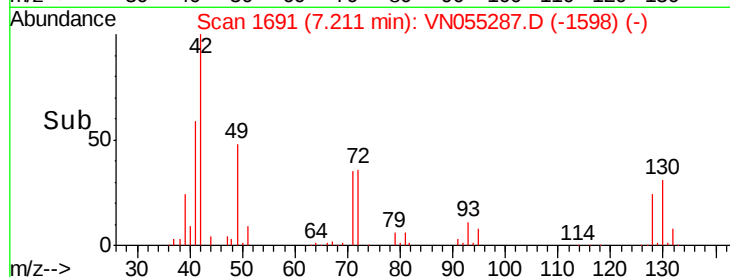
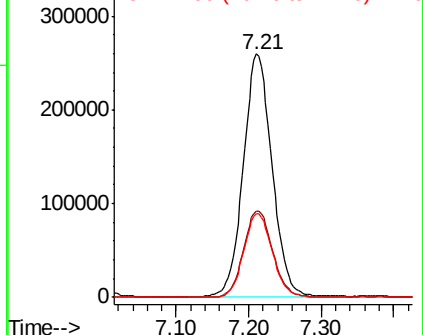
71 34.3 27.1 40.7



Abundance Ion 42.00 (41.70 to 42.70): VN055172.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN055172.D (-1664) (-)



#30

Chloroform

Concen: 92.962 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055287.D

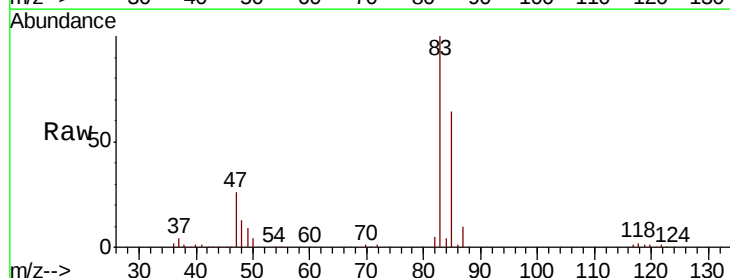
Acq: 29 Apr 2019 11:57

Tgt Ion: 83 Resp: 828875

Ion Ratio Lower Upper

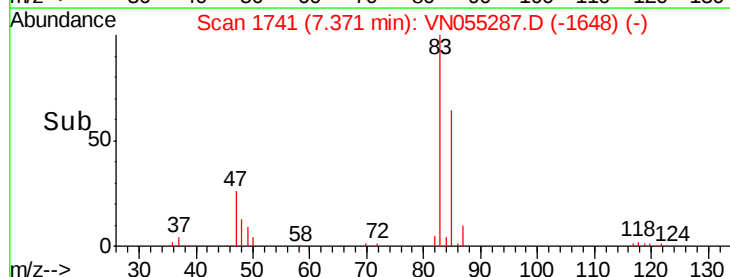
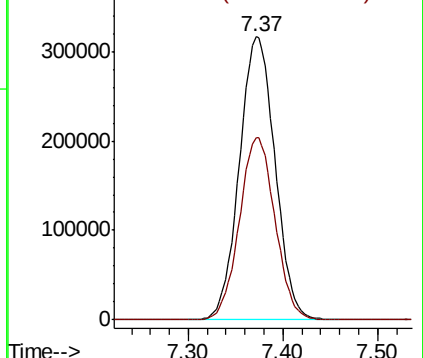
83 100

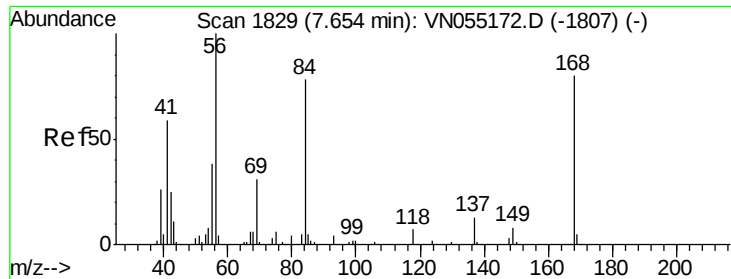
85 64.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-1720) (-)

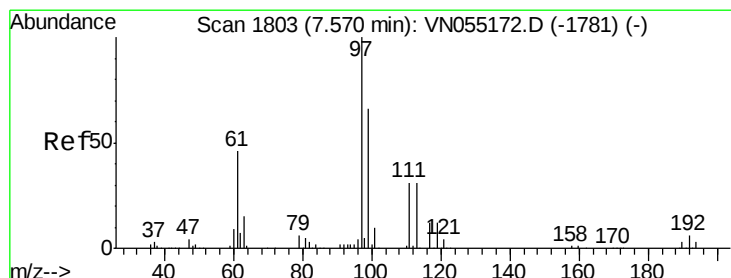
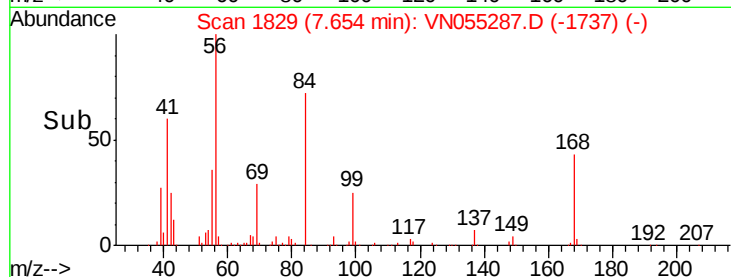
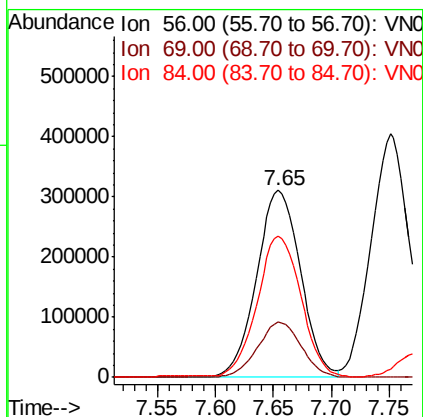
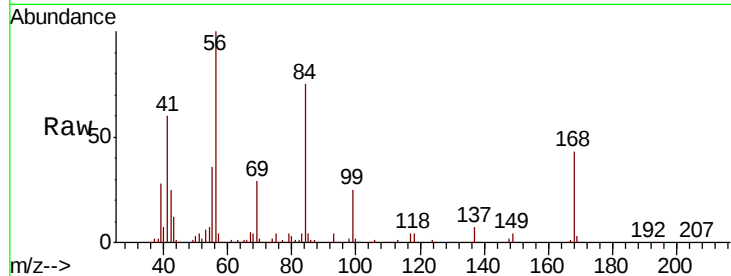




#31
Cyclohexane
Concen: 76.525 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

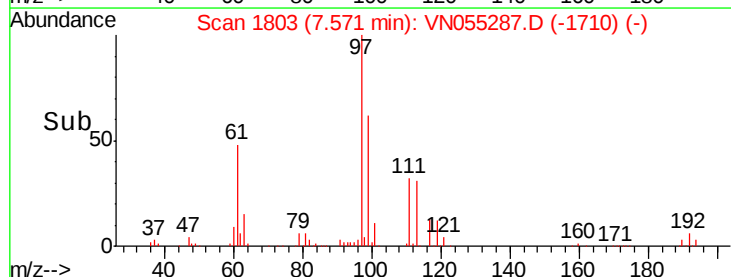
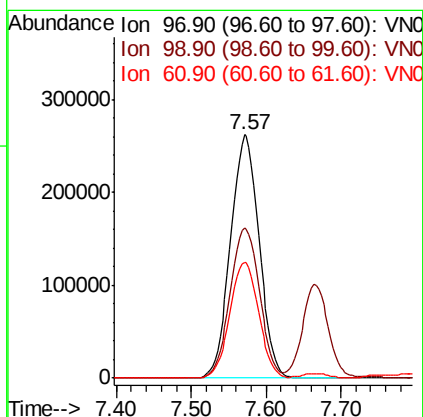
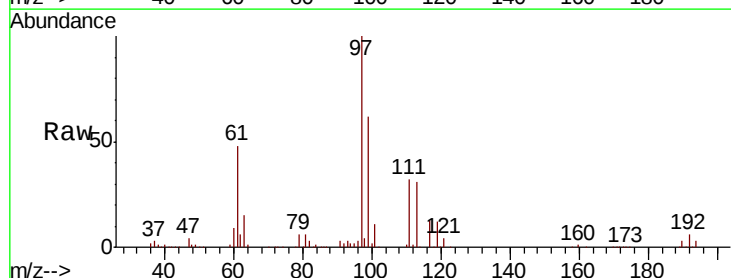
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

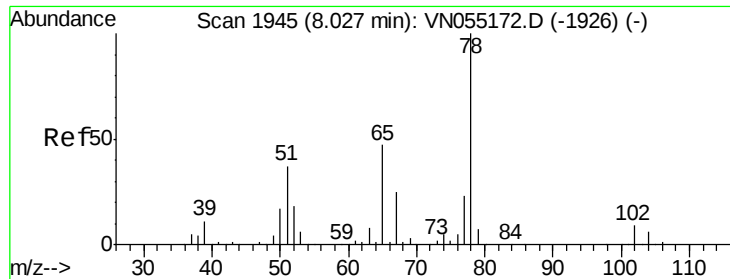
Tgt Ion: 56 Resp: 820184
Ion Ratio Lower Upper
56 100
69 29.4 25.2 37.8
84 74.3 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 97.431 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 97 Resp: 696641
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 48.0 39.0 58.6

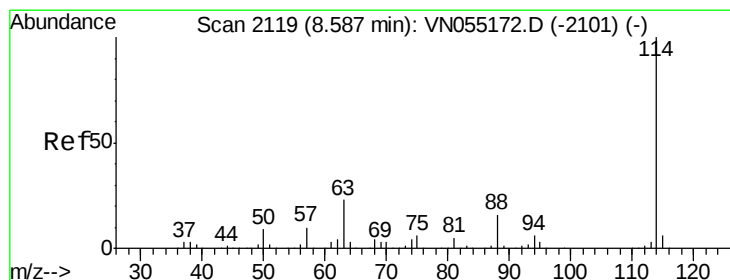
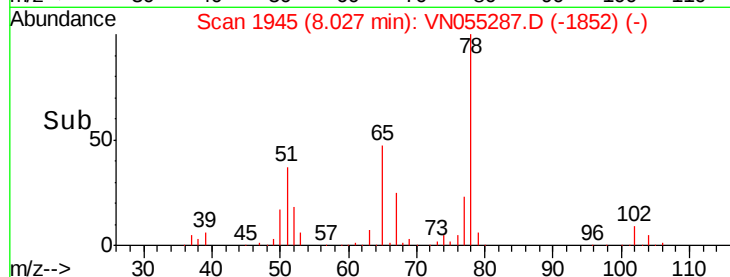
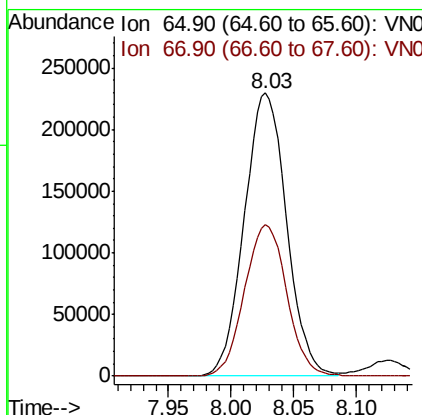
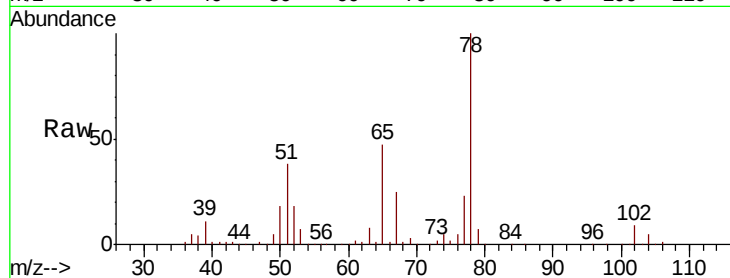




#33
 1,2-Dichloroethane-d4
 Concen: 92.737 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

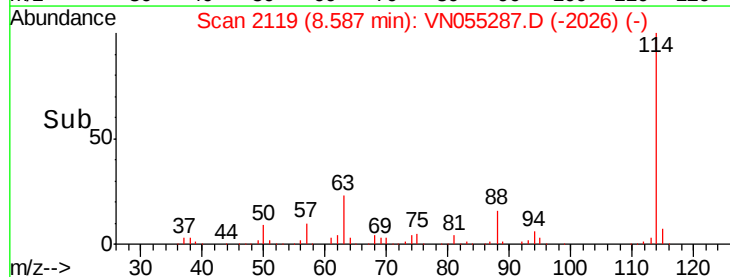
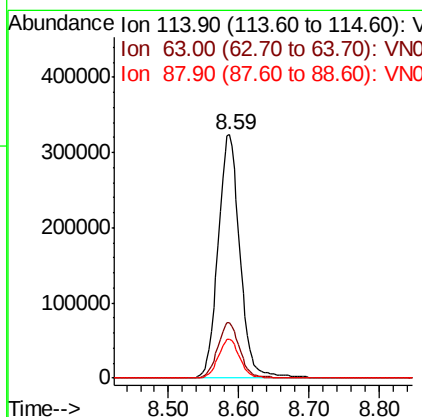
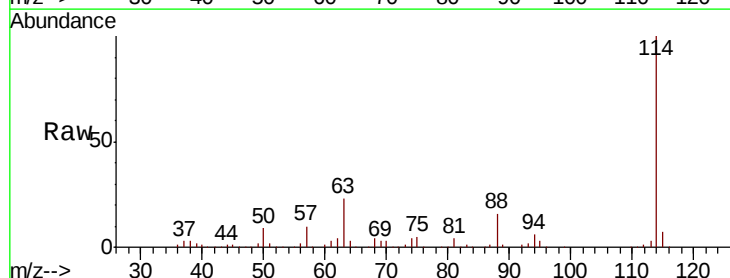
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

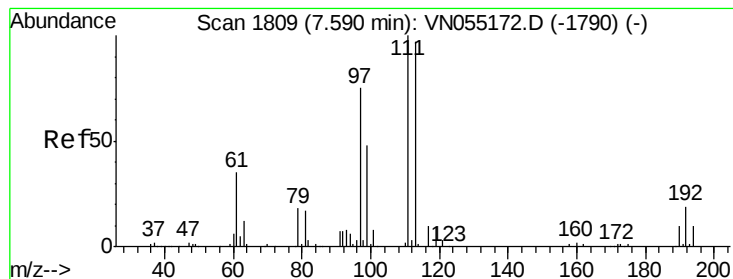
Tgt Ion: 65 Resp: 539219
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion: 114 Resp: 697094
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 91.870 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

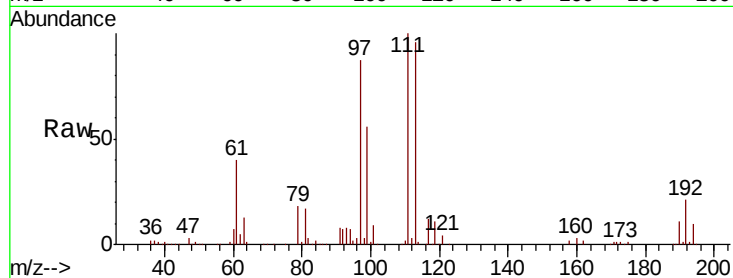
Tgt Ion:113 Resp: 430317

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

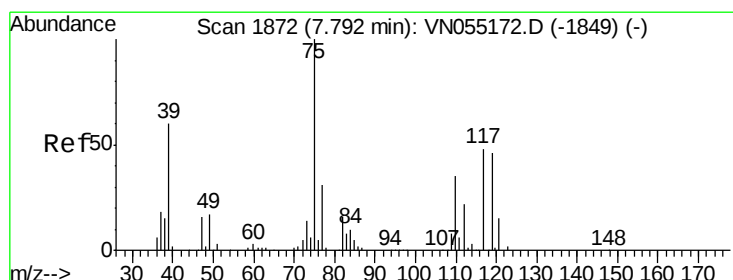
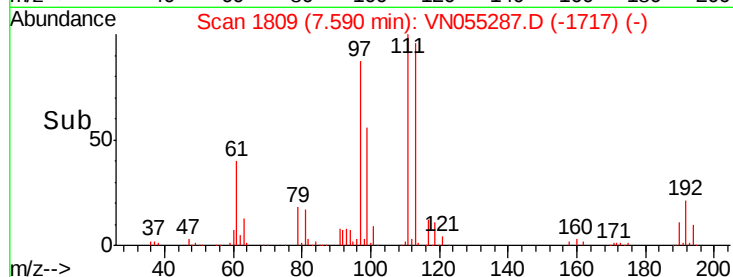
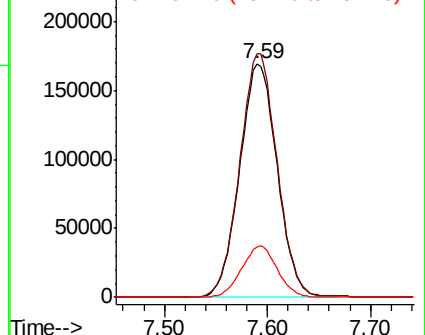
192 20.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 98.627 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

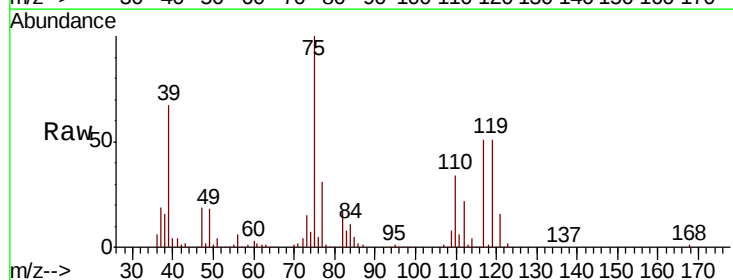
Tgt Ion: 75 Resp: 629686

Ion Ratio Lower Upper

75 100

110 33.8 16.8 50.4

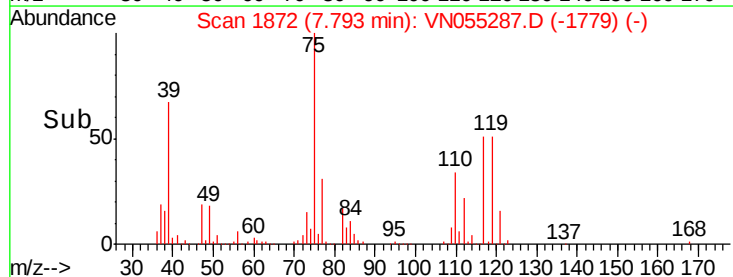
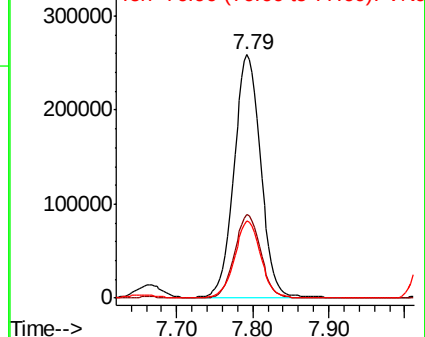
77 31.2 25.0 37.6

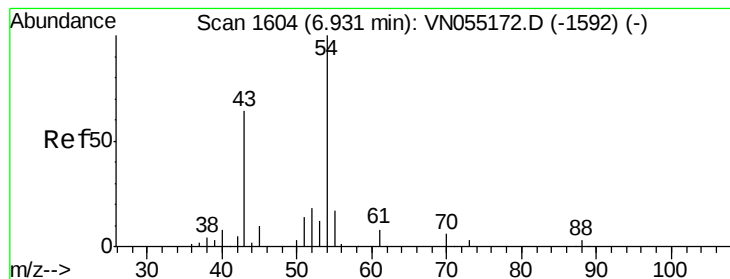


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 94.543 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

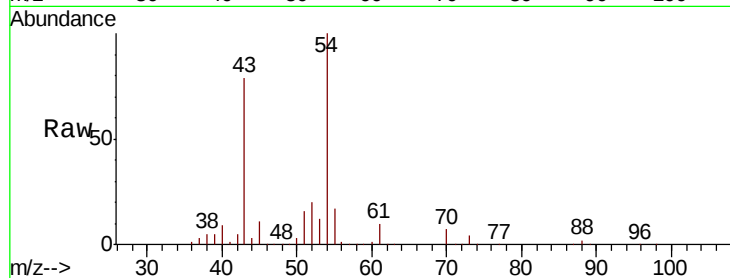
Tgt Ion: 43 Resp: 487423

Ion Ratio Lower Upper

43 100

61 11.9 10.4 15.6

70 8.6 6.6 10.0

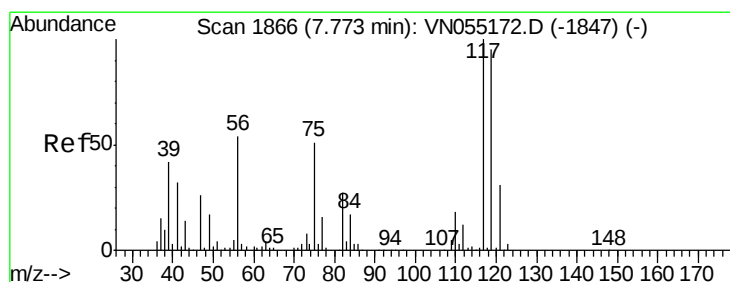
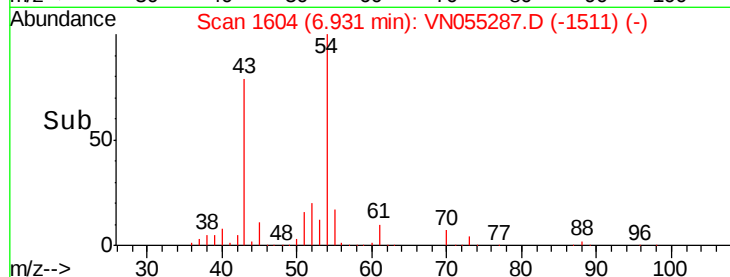
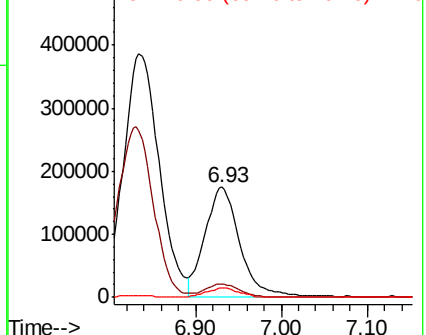


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 99.187 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

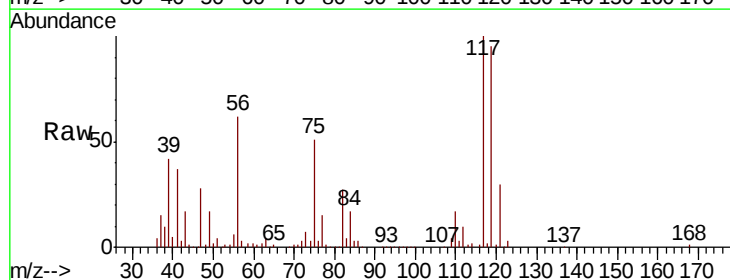
Tgt Ion: 117 Resp: 597390

Ion Ratio Lower Upper

117 100

119 94.8 77.0 115.6

121 29.6 23.8 35.8

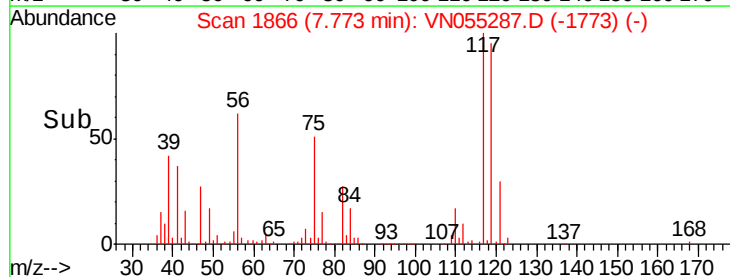
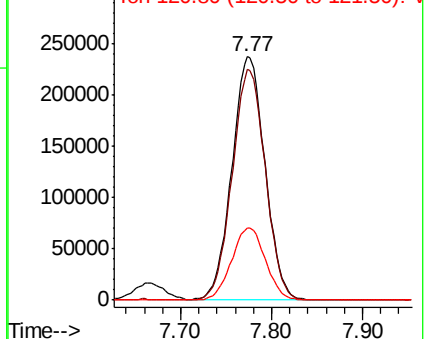


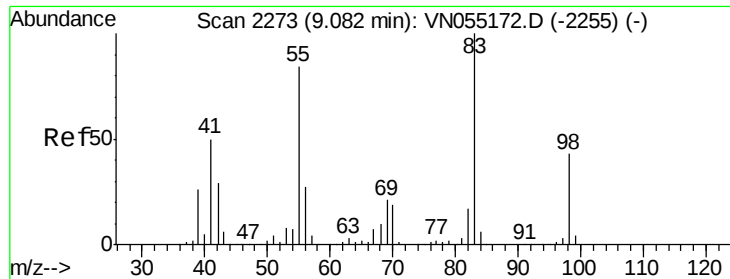
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

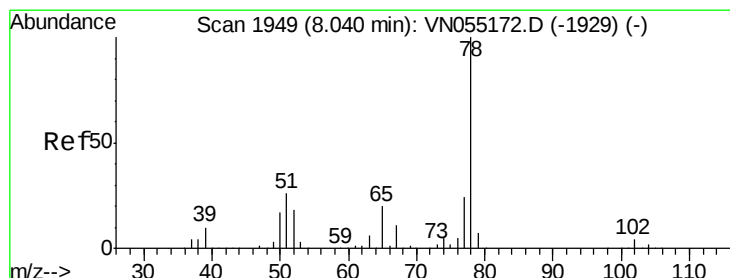
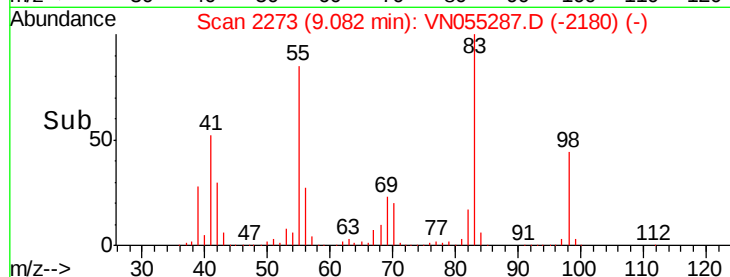
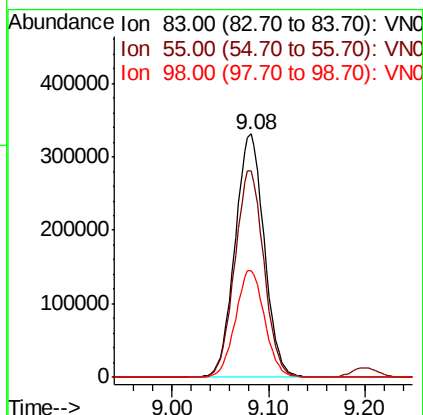
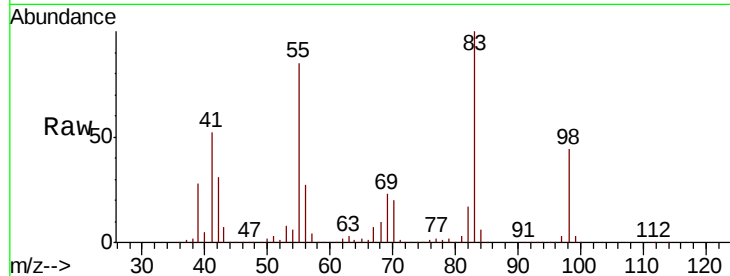




#39
Methylcyclohexane
Concen: 91.252 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

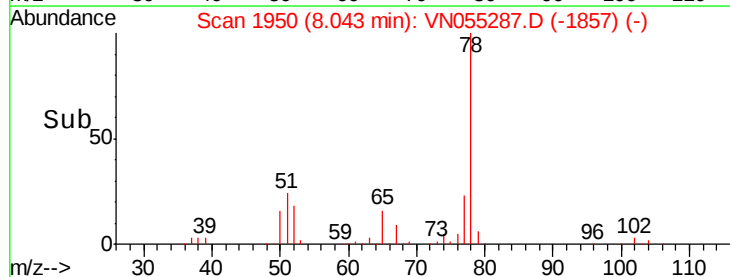
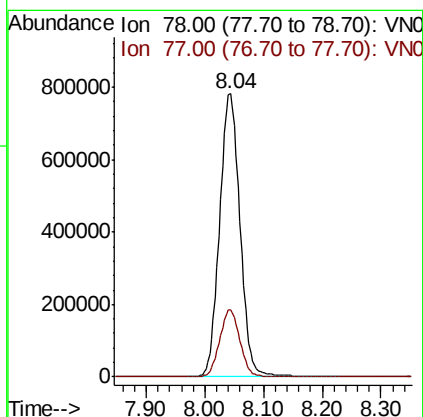
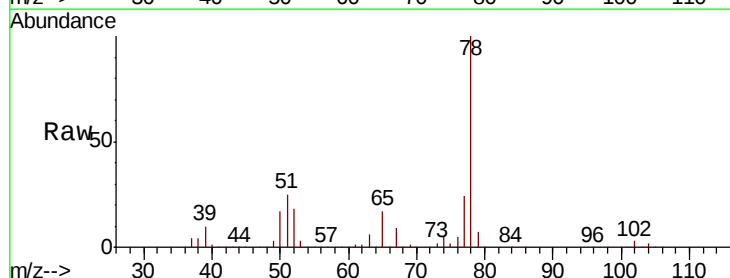
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

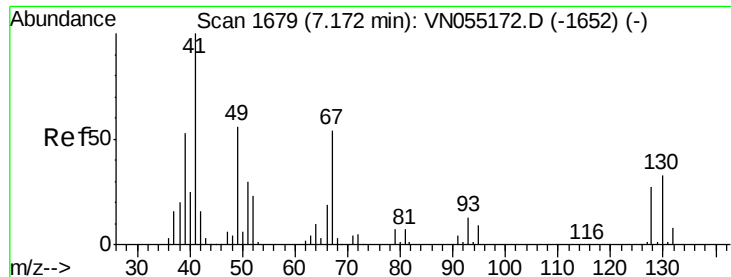
Tgt Ion: 83 Resp: 693844
Ion Ratio Lower Upper
83 100
55 84.7 67.8 101.6
98 43.9 36.2 54.4



#40
Benzene
Concen: 94.492 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 78 Resp: 1873327
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

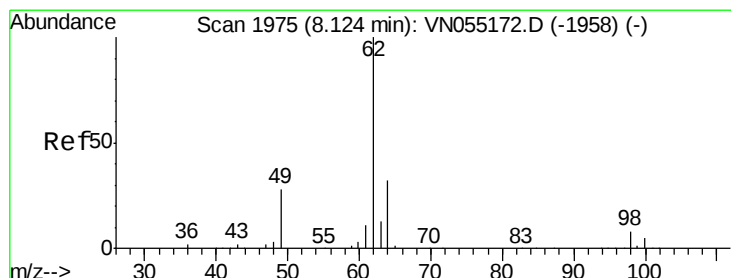
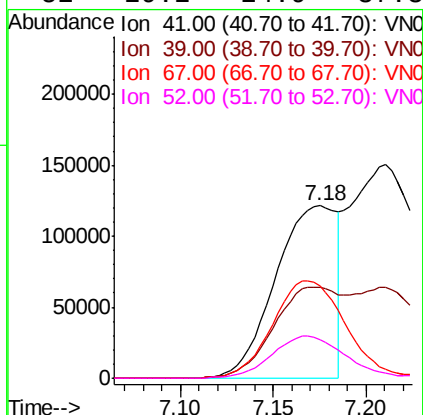
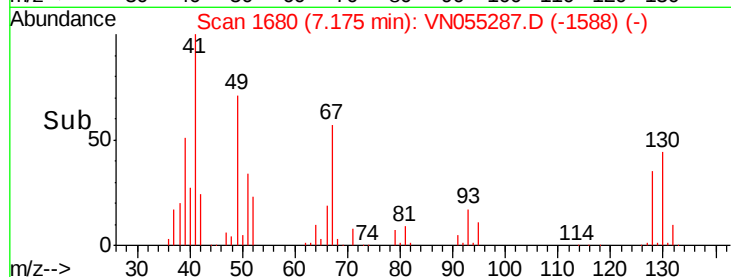
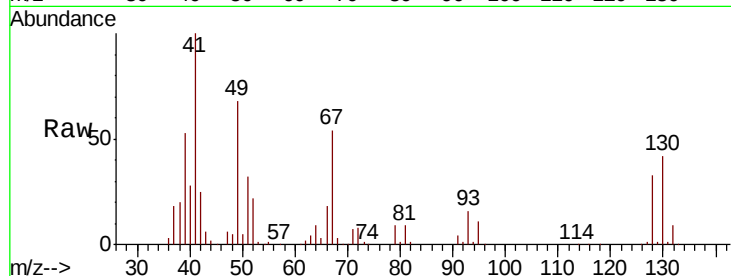




#41
Methacrylonitrile
Concen: 102.554 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

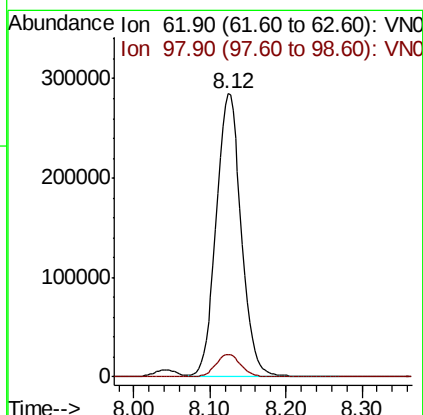
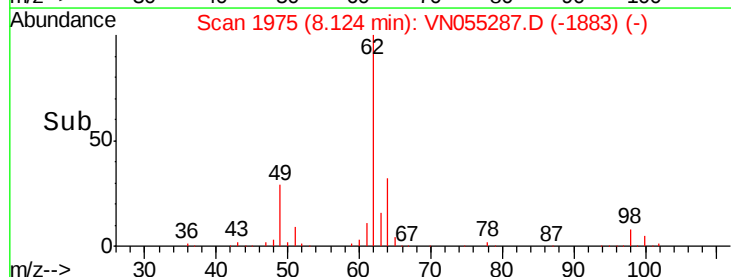
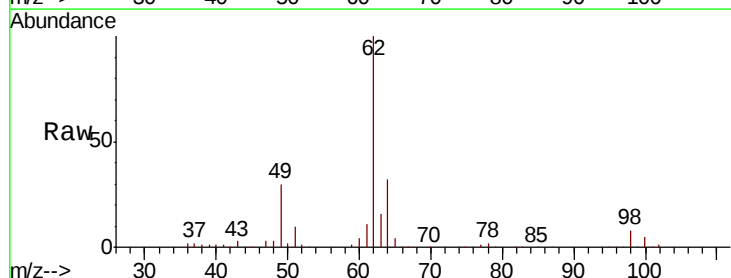
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

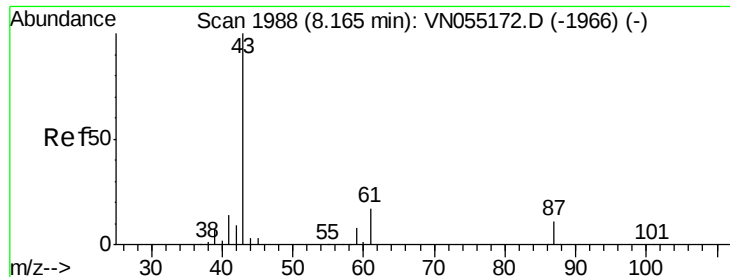
Tgt Ion:	41	Resp:	277917
Ion	Ratio	Lower	Upper
41	100		
39	57.4	48.5	72.7
67	68.8	54.9	82.3
52	29.2	24.9	37.3



#42
1,2-Dichloroethane
Concen: 94.031 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion:	62	Resp:	650599
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 101.460 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

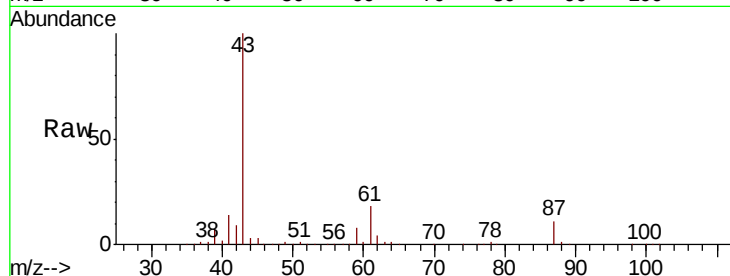
Tgt Ion: 43 Resp: 851394

Ion Ratio Lower Upper

43 100

61 25.7 20.8 31.2

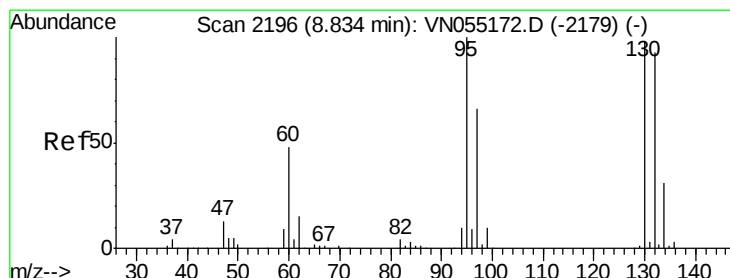
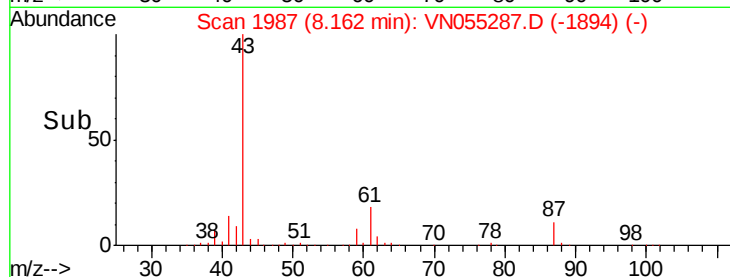
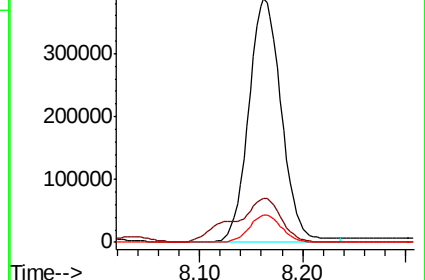
87 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 93.682 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055287.D

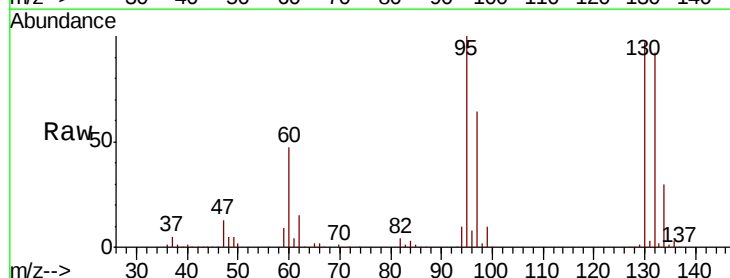
Acq: 29 Apr 2019 11:57

Tgt Ion: 130 Resp: 468339

Ion Ratio Lower Upper

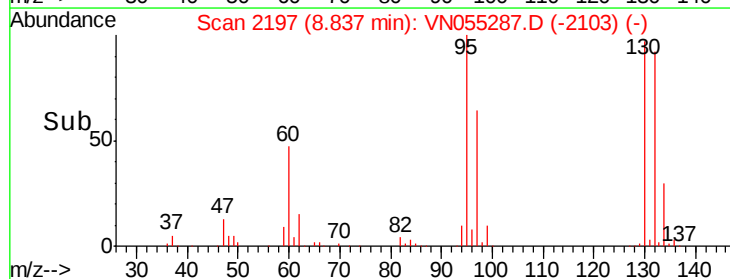
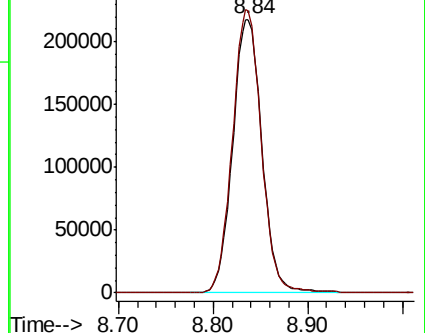
130 100

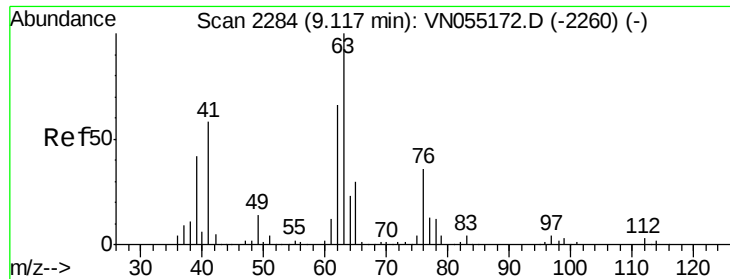
95 103.0 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

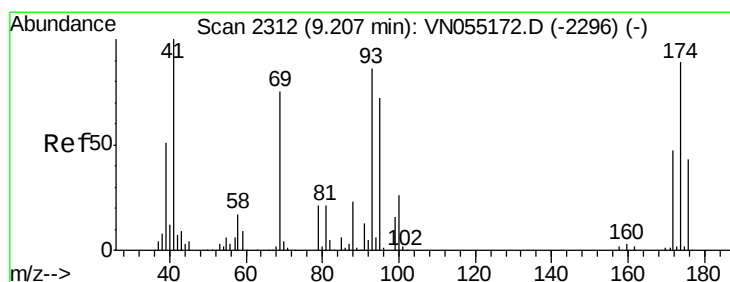
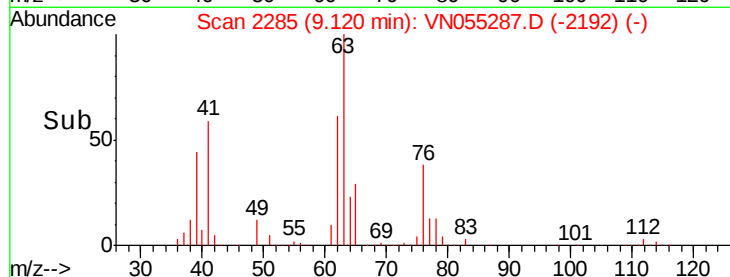
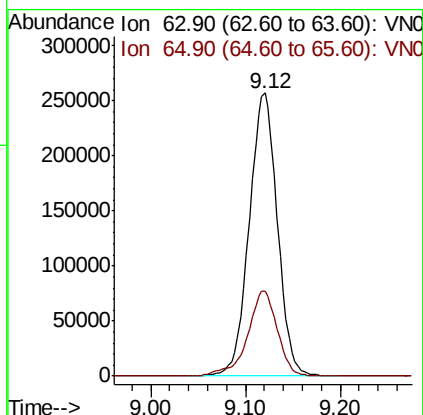
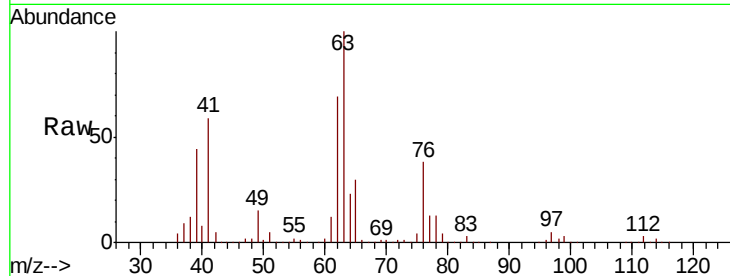




#45
 1,2-Dichloropropane
 Concen: 94.609 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

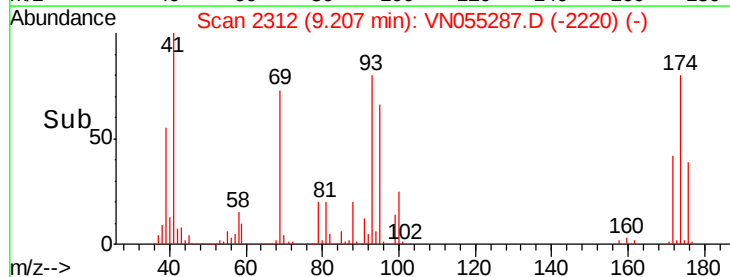
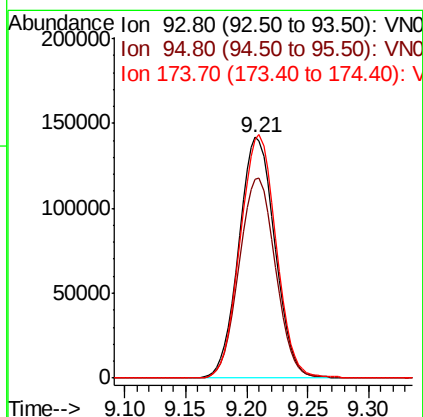
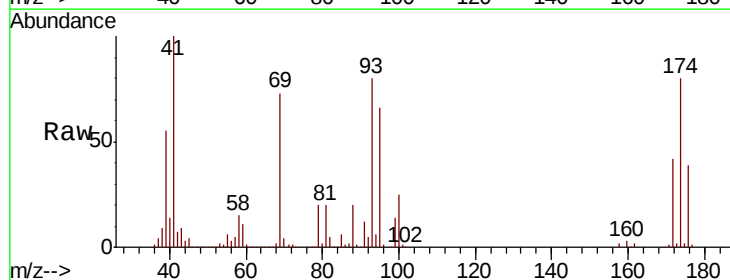
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

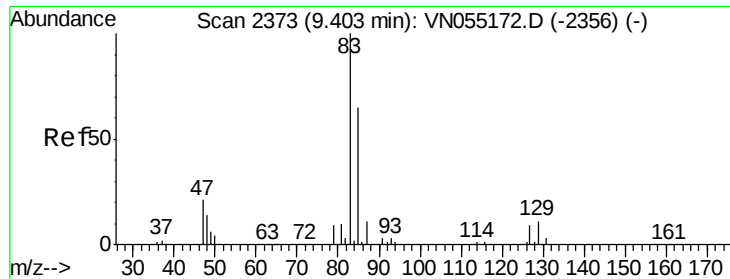
Tgt Ion: 63 Resp: 530894
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.9 35.9



#46
 Dibromomethane
 Concen: 90.854 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion: 93 Resp: 290275
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.7 98.5
 174 100.8 81.5 122.3





#47

Bromodichloromethane

Concen: 100.740 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

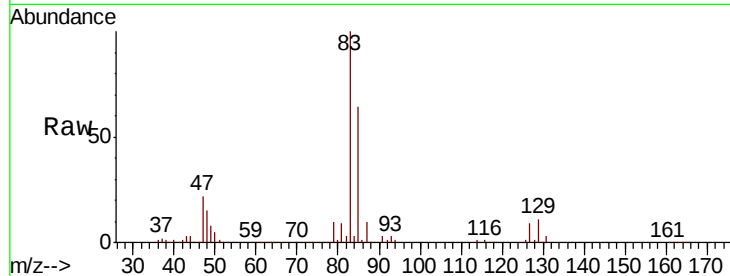
Tgt Ion: 83 Resp: 647271

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

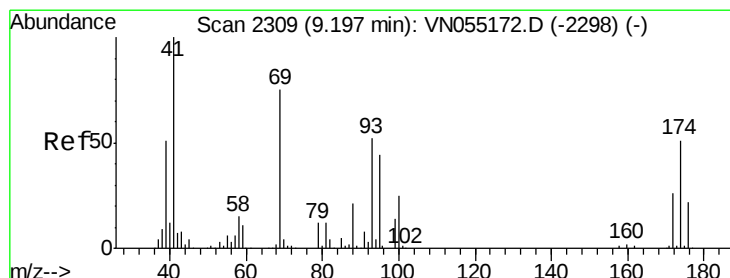
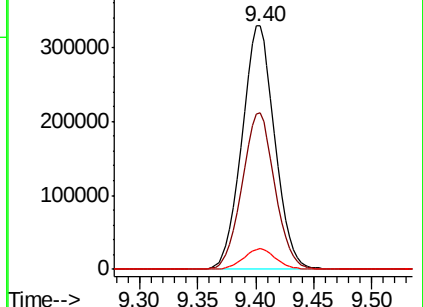
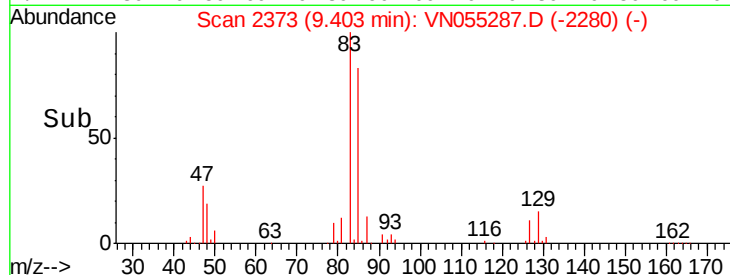
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055287.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055287.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055287.D (-2280) (-)



#48

Methyl methacrylate

Concen: 99.561 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

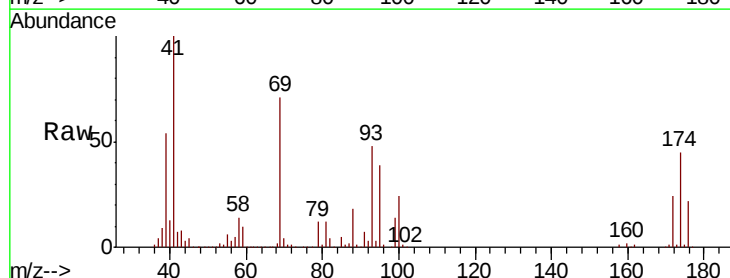
Tgt Ion: 41 Resp: 407521

Ion Ratio Lower Upper

41 100

69 76.4 58.6 87.8

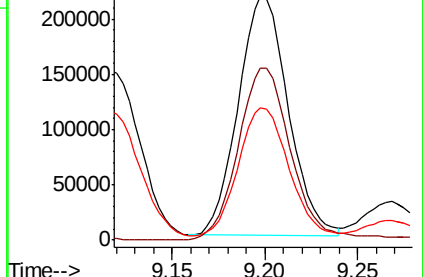
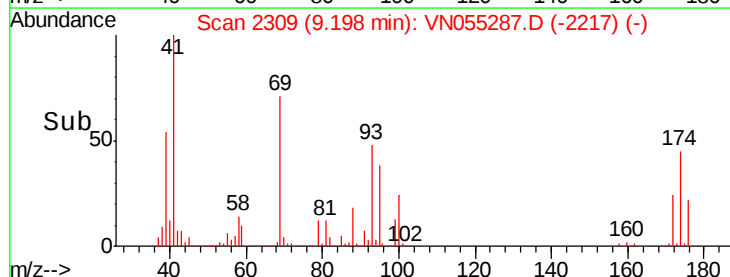
39 56.6 43.8 65.6

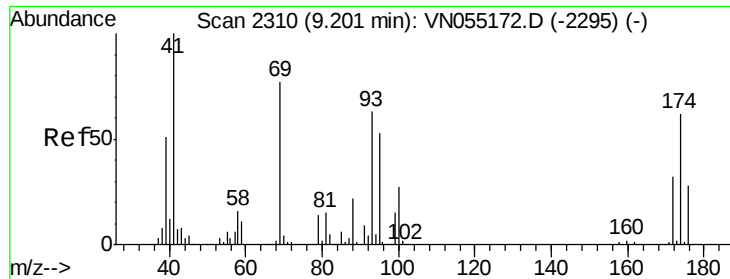


Abundance Ion 41.00 (40.70 to 41.70): VN055287.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055287.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055287.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1841.821 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

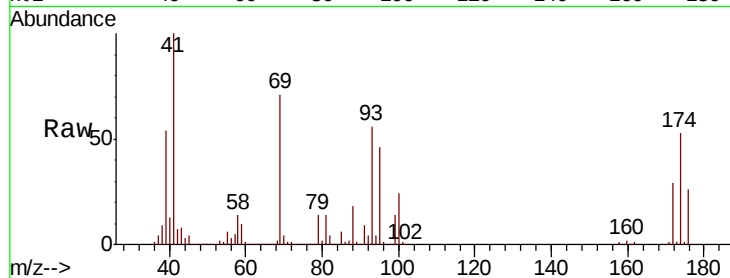
Tgt Ion: 88 Resp: 85042

Ion Ratio Lower Upper

88 100

43 40.3 33.3 49.9

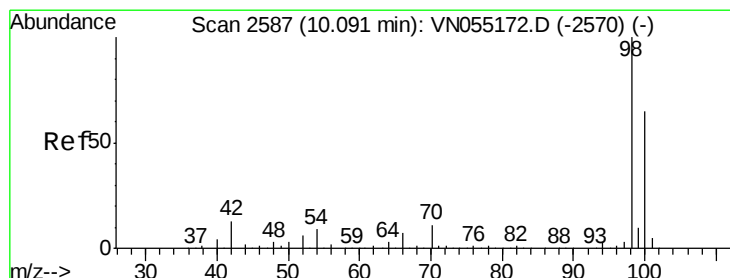
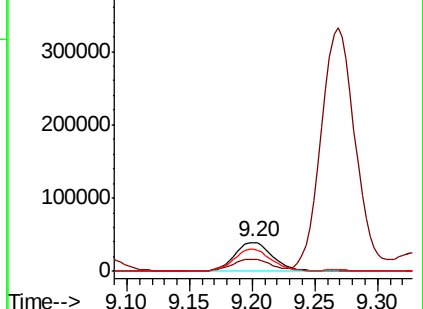
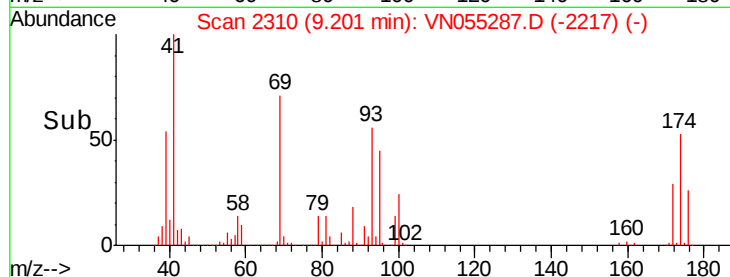
58 75.2 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055287.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055287.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055287.D (-2217) (-)



#50

Toluene-d8

Concen: 93.690 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055287.D

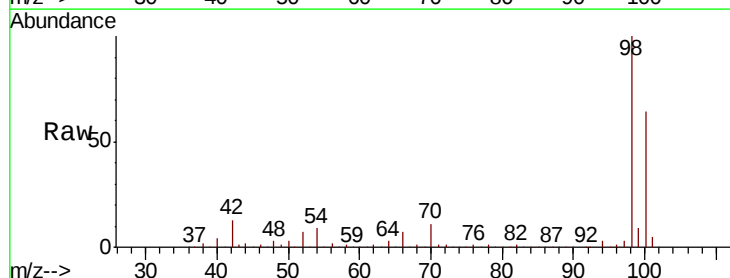
Acq: 29 Apr 2019 11:57

Tgt Ion: 98 Resp: 1625688

Ion Ratio Lower Upper

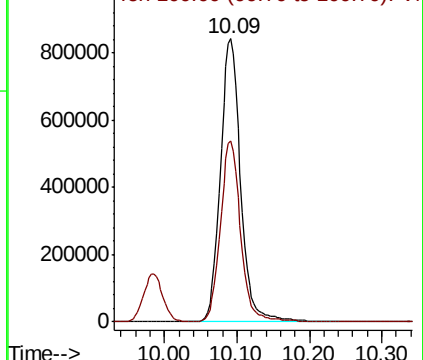
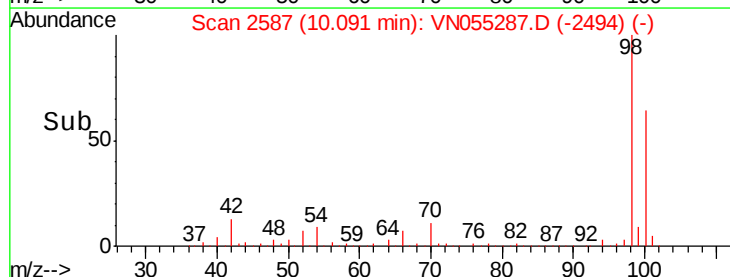
98 100

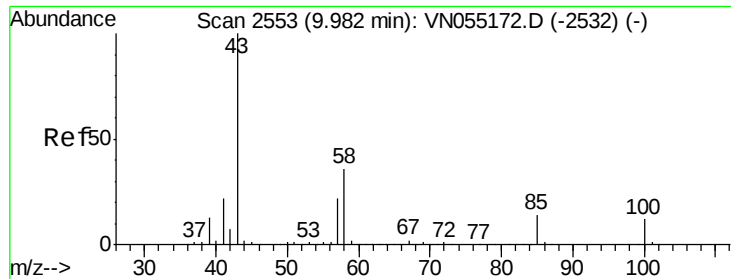
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055287.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055287.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 484.580 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

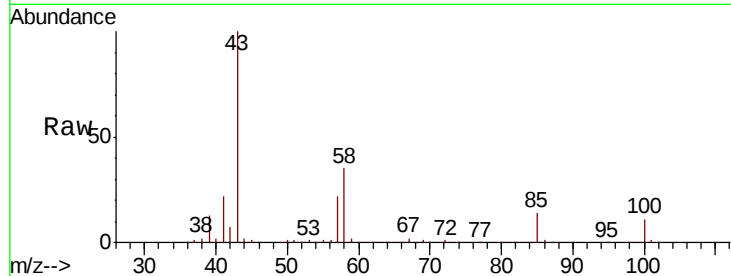
VSTDIC100

Tgt Ion: 43 Resp: 2339280

Ion Ratio Lower Upper

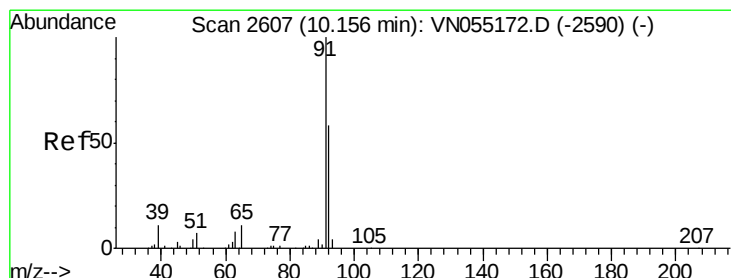
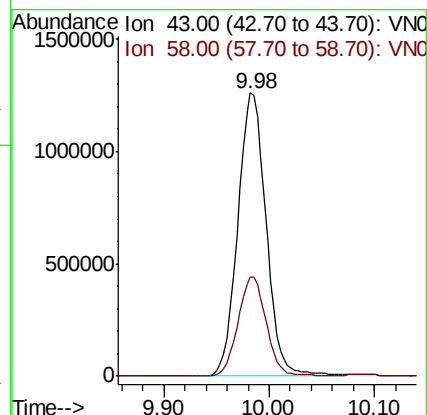
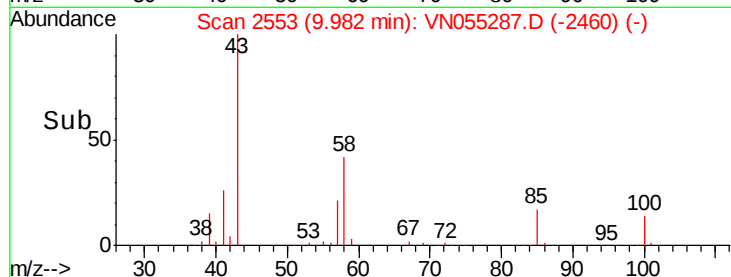
43 100

58 35.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)



#52

Toluene

Concen: 94.284 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055287.D

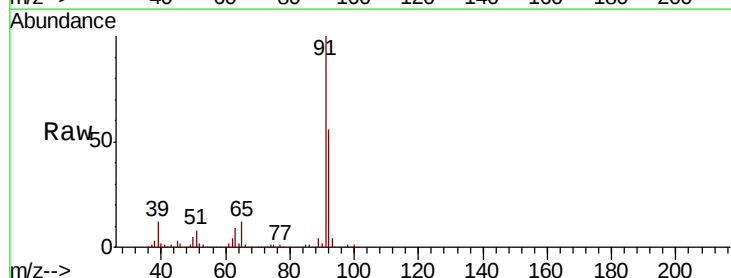
Acq: 29 Apr 2019 11:57

Tgt Ion: 92 Resp: 1090372

Ion Ratio Lower Upper

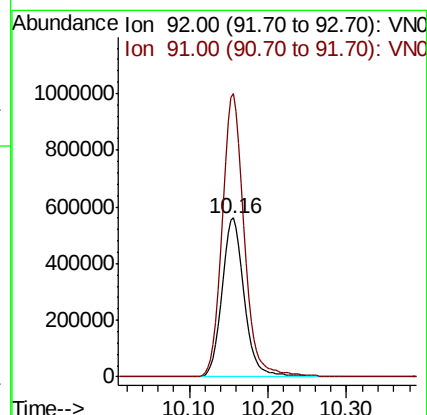
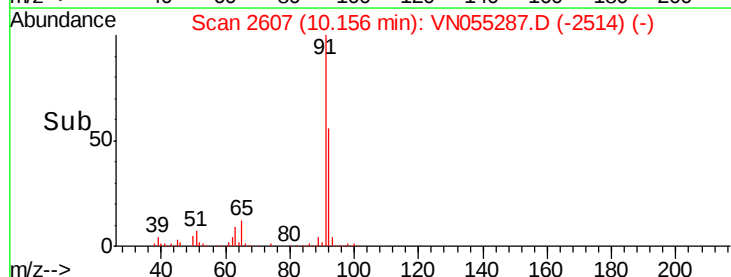
92 100

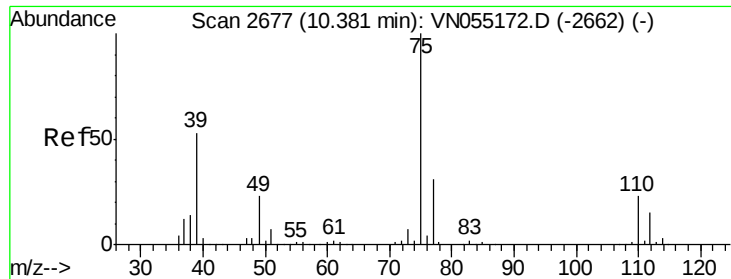
91 176.7 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055172.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055172.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 109.269 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

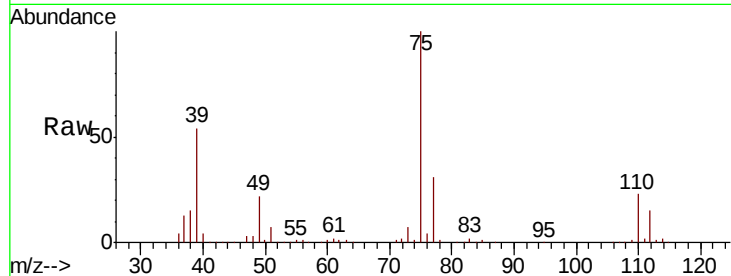
VSTDIC100

Tgt Ion: 75 Resp: 644069

Ion Ratio Lower Upper

75 100

77 31.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

400000

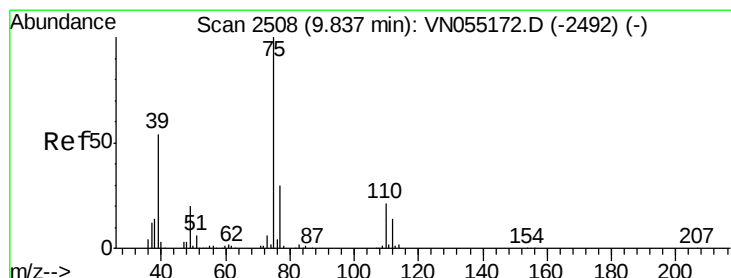
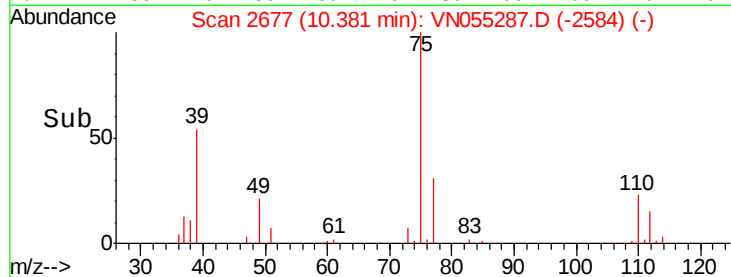
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 104.786 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

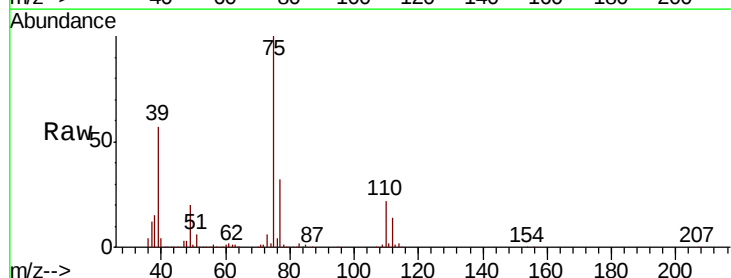
Tgt Ion: 75 Resp: 766417

Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.2

39 57.2 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

500000

400000

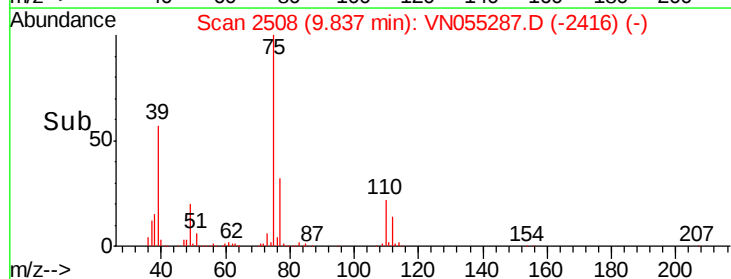
300000

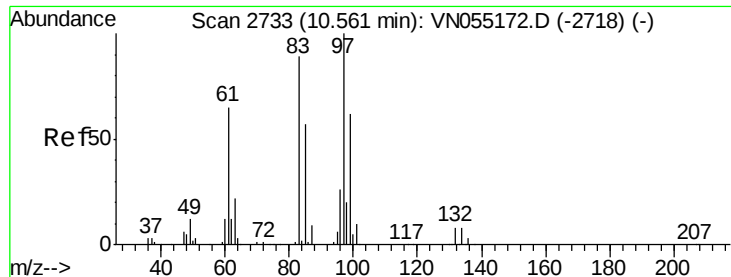
200000

100000

0

Time-->

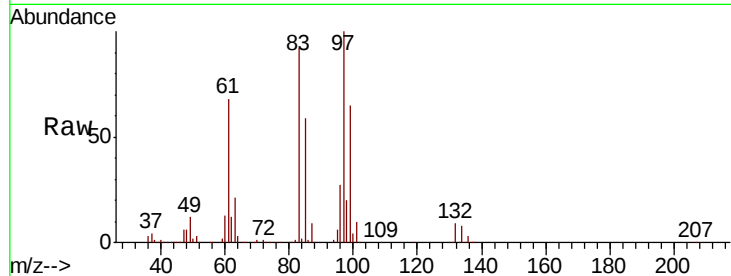




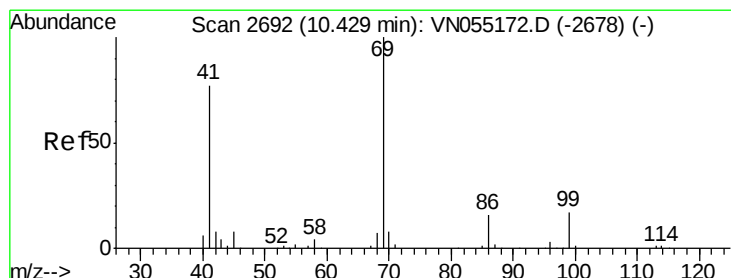
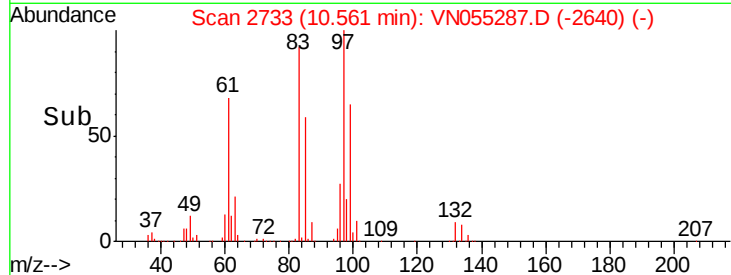
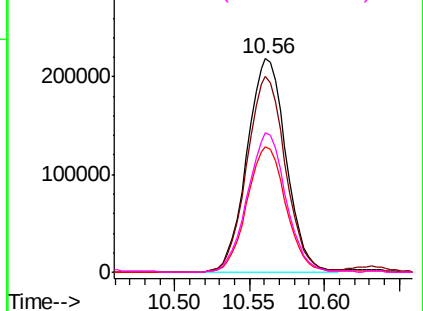
#55
 1,1,2-Trichloroethane
 Concen: 92.743 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 397721
 Ion Ratio Lower Upper
 97 100
 83 91.5 72.8 109.2
 85 58.8 47.0 70.6
 99 65.1 49.0 73.4

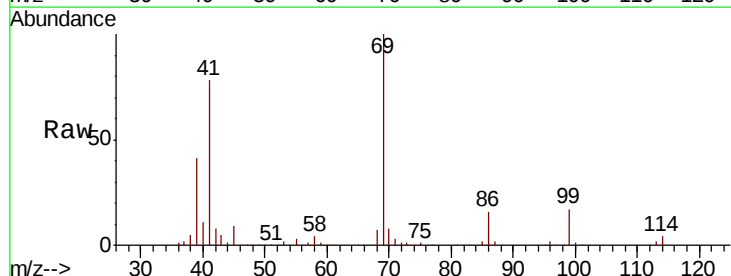


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

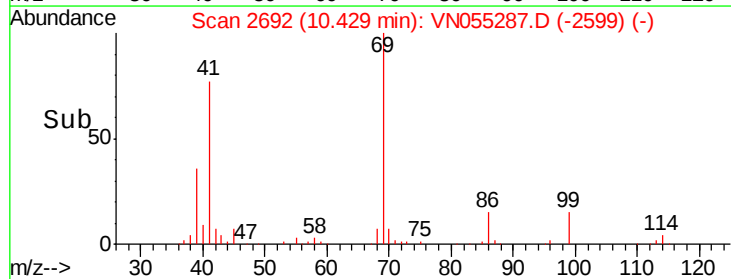
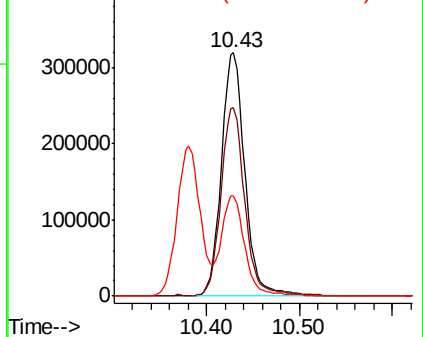


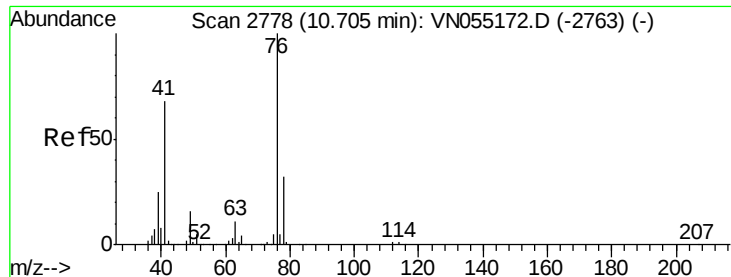
#56
 Ethyl methacrylate
 Concen: 105.631 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion: 69 Resp: 562614
 Ion Ratio Lower Upper
 69 100
 41 78.3 62.7 94.1
 39 40.5 32.0 48.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

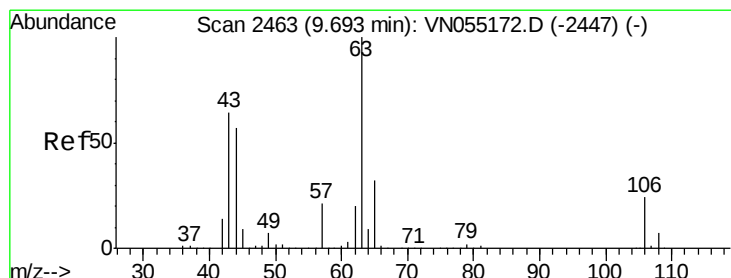
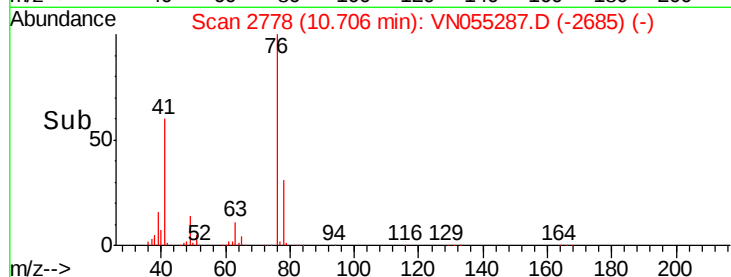
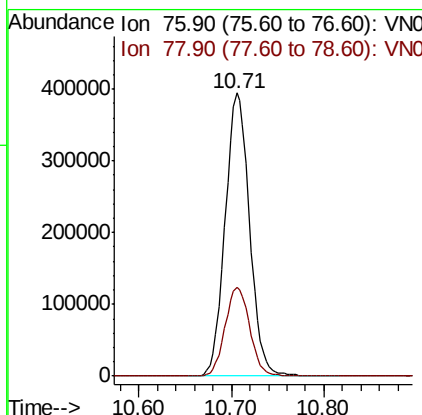
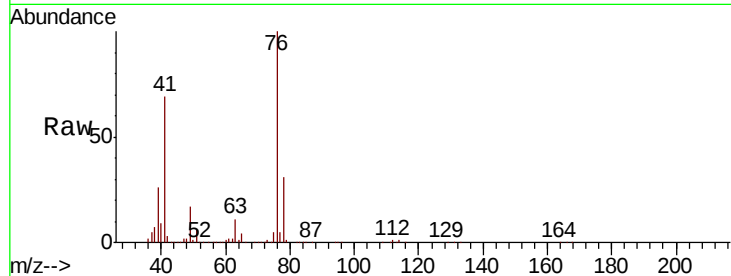




#57
 1,3-Dichloropropane
 Concen: 96.522 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

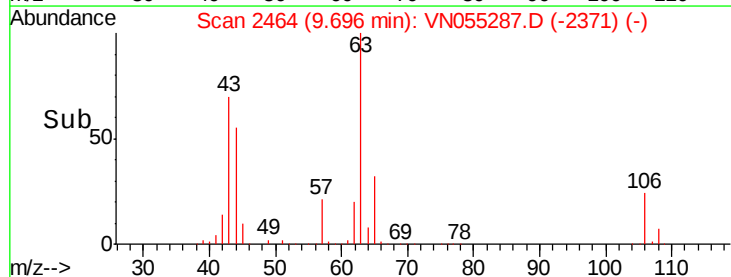
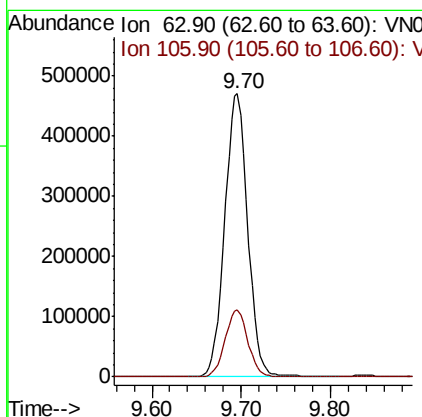
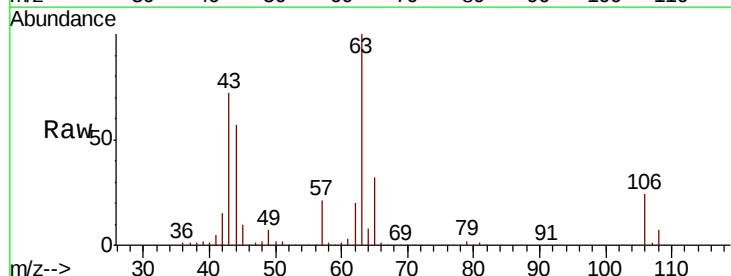
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

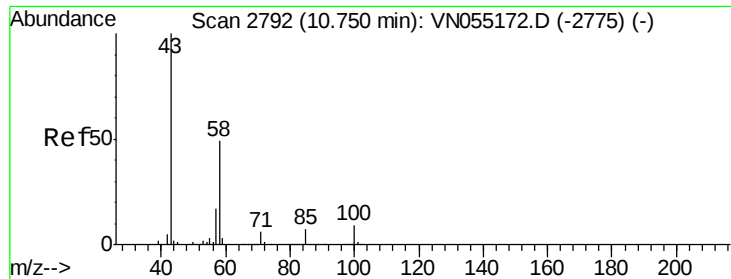
Tgt Ion: 76 Resp: 719275
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 510.453 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion: 63 Resp: 839115
 Ion Ratio Lower Upper
 63 100
 106 23.5 19.0 28.4

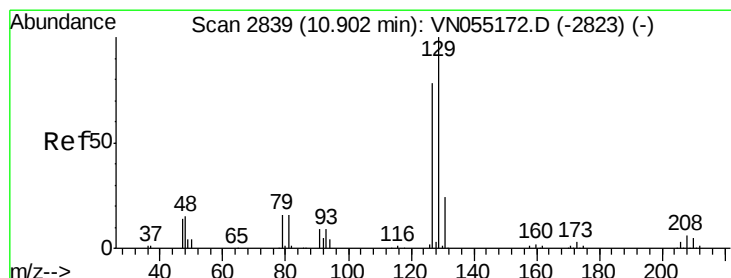
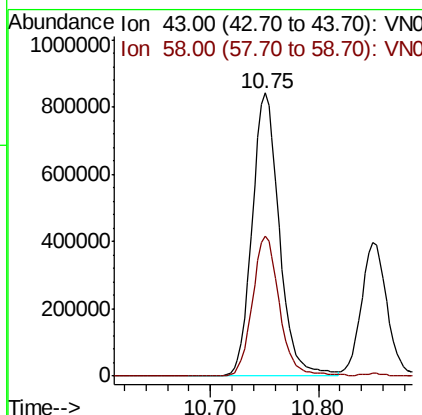
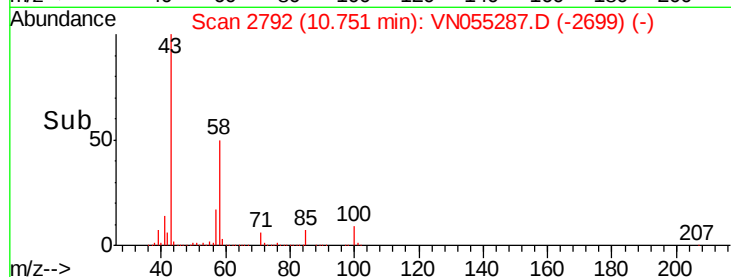
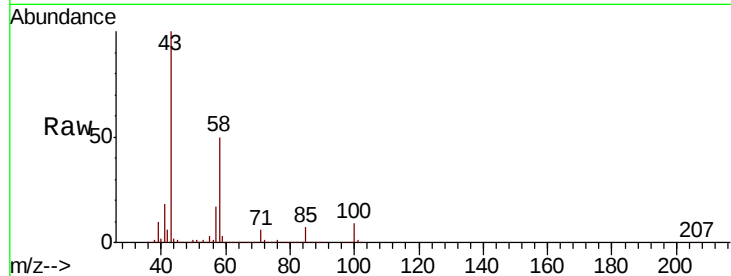




#59
2-Hexanone
Concen: 486.316 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

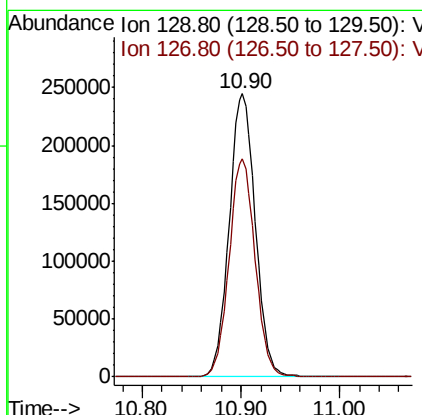
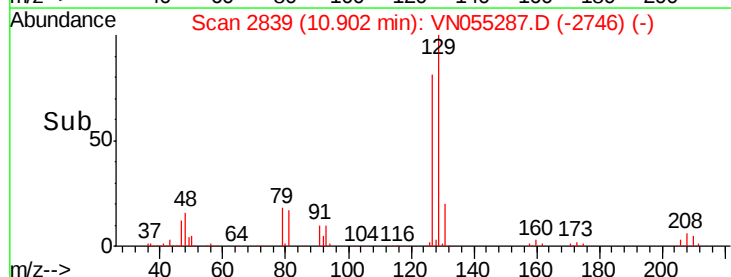
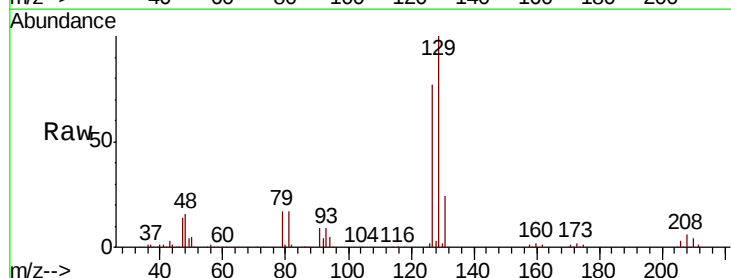
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

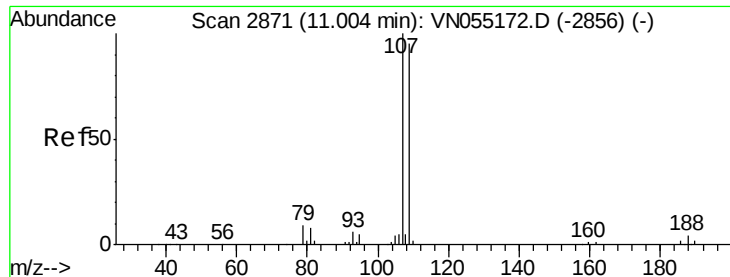
Tgt Ion: 43 Resp: 1465432
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6



#60
Dibromochloromethane
Concen: 102.351 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 129 Resp: 452707
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 97.786 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

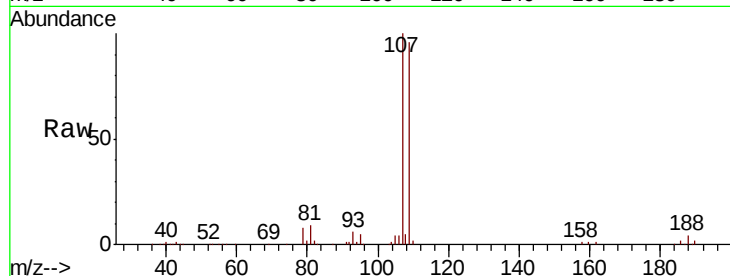
VSTDICC100

Tgt Ion: 107 Resp: 392579

Ion Ratio Lower Upper

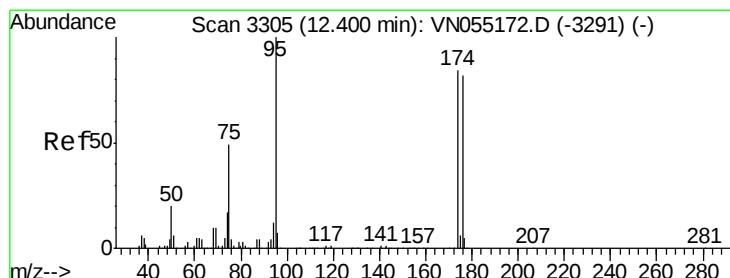
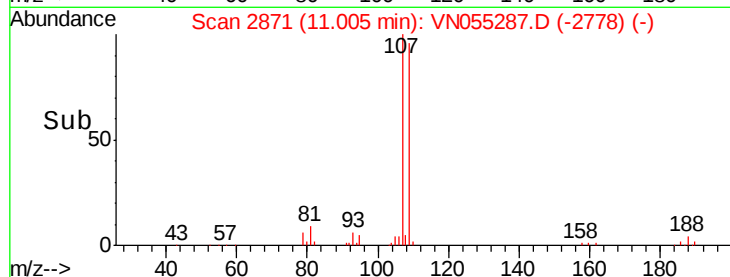
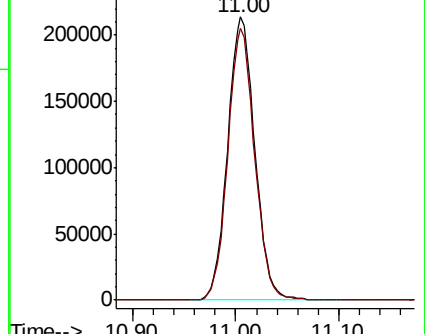
107 100

109 94.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 99.505 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

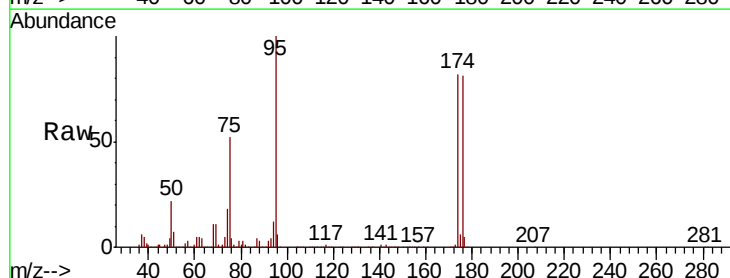
Tgt Ion: 95 Resp: 545203

Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.6

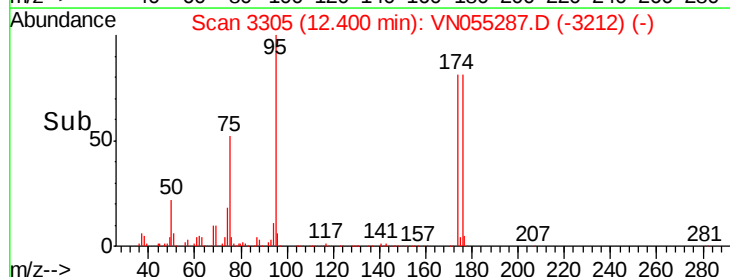
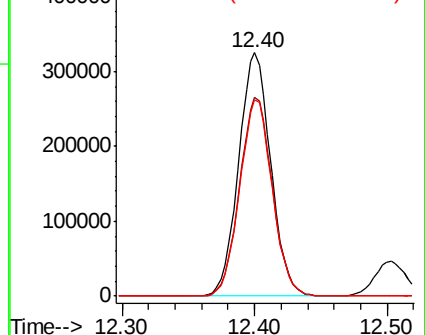
176 81.8 0.0 157.8

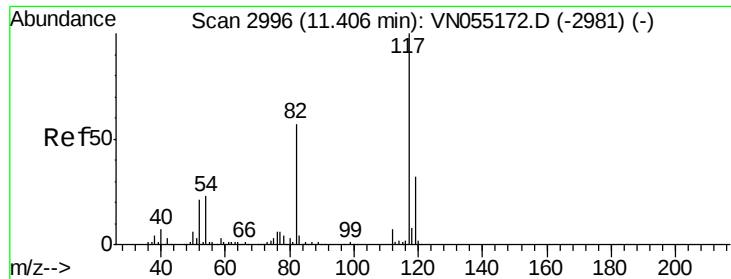


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

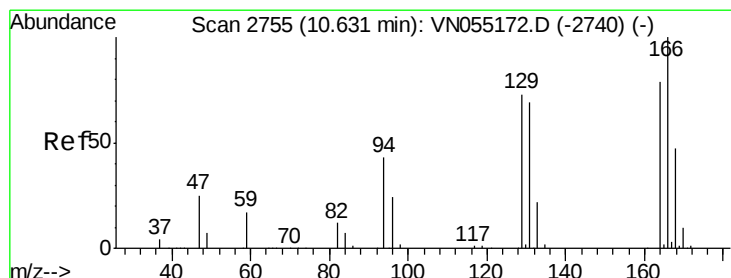
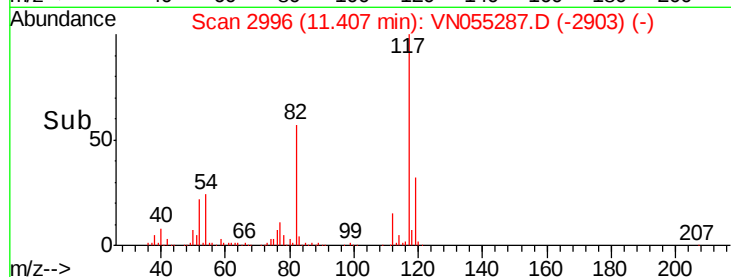
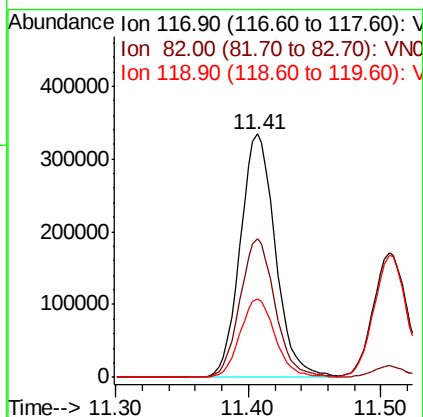
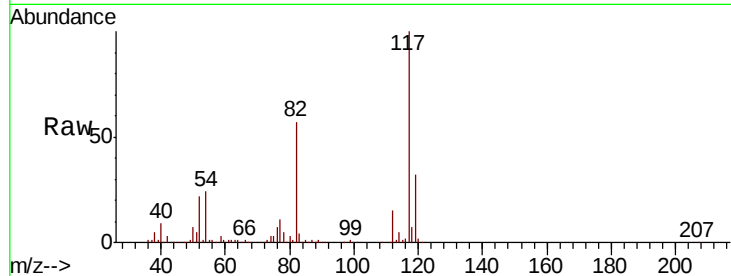




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

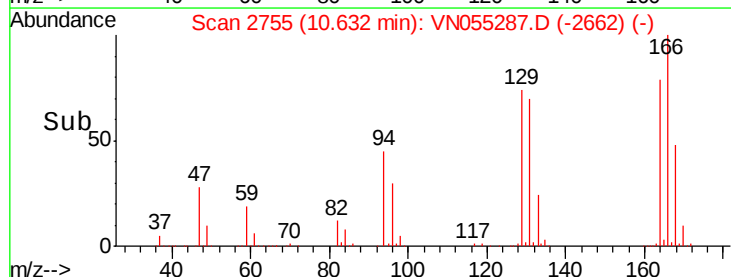
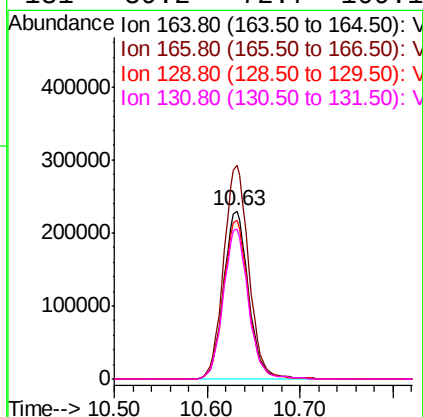
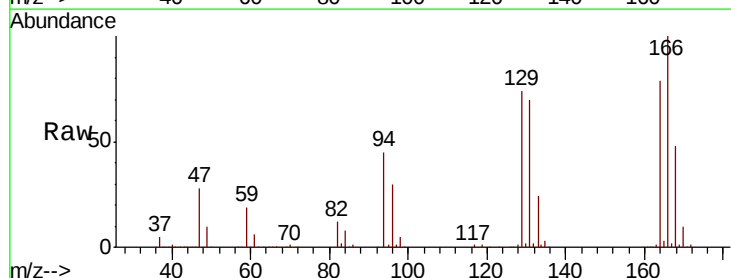
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

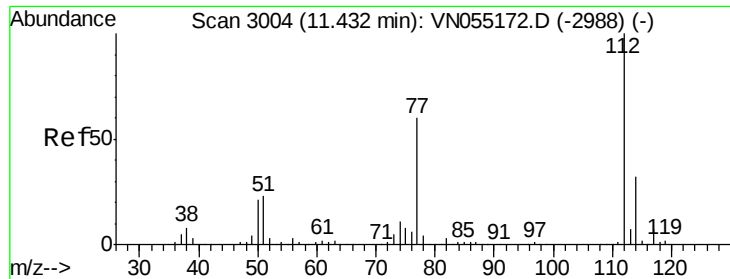
Tgt Ion:117 Resp: 615054
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 85.544 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion:164 Resp: 425828
Ion Ratio Lower Upper
164 100
166 127.0 102.3 153.5
129 94.4 75.0 112.6
131 89.2 72.7 109.1

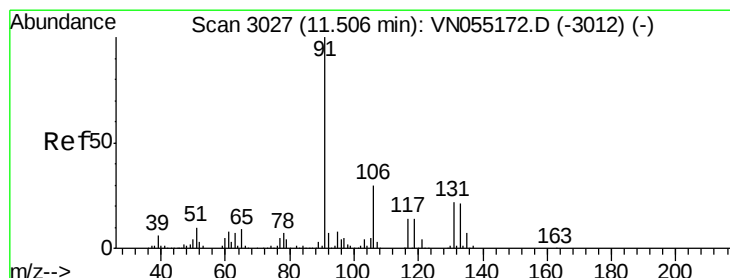
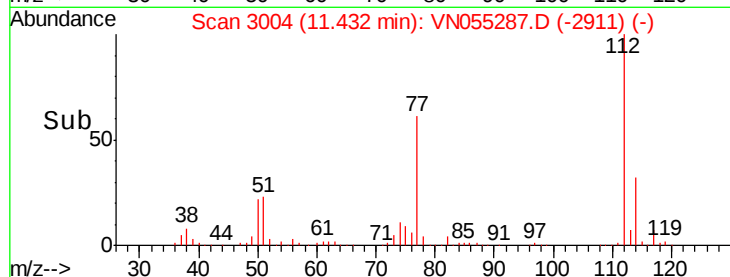
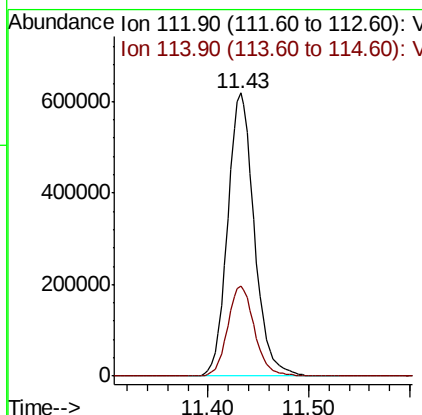
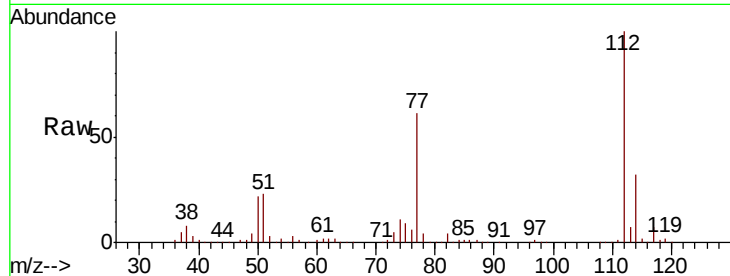




#65
Chlorobenzene
Concen: 91.355 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

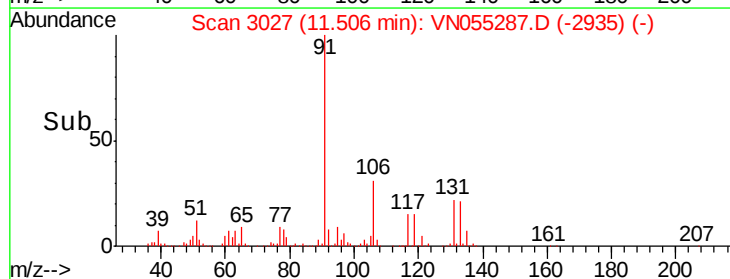
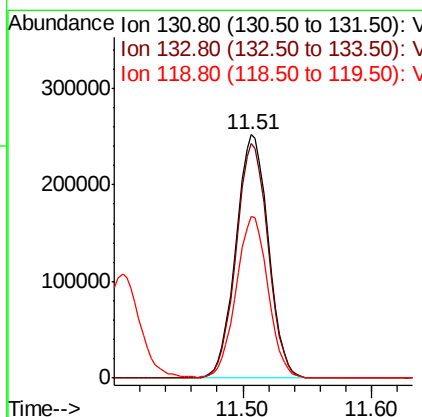
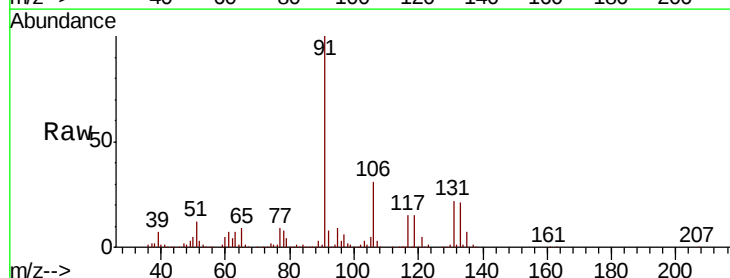
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

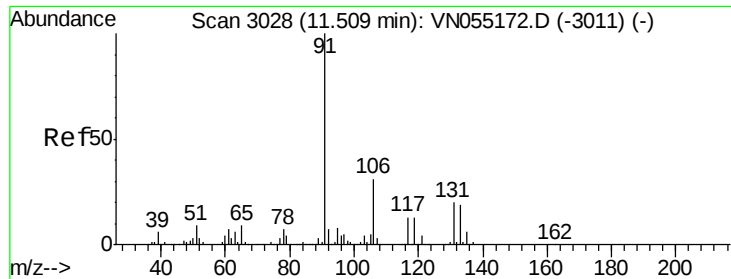
Tgt Ion:112 Resp: 1136747
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 95.116 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion:131 Resp: 440679
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.5 32.7 98.1

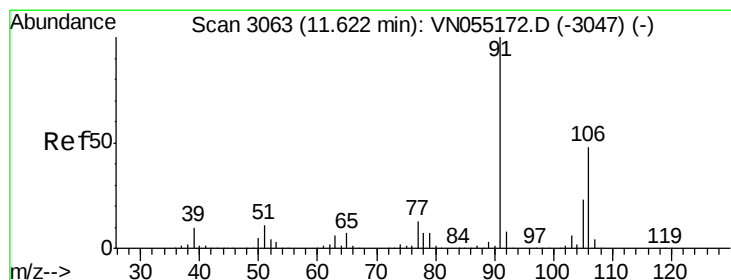
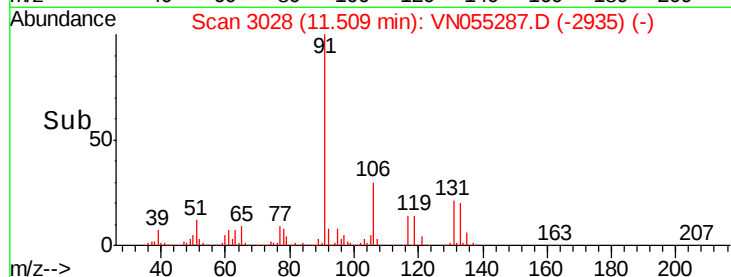
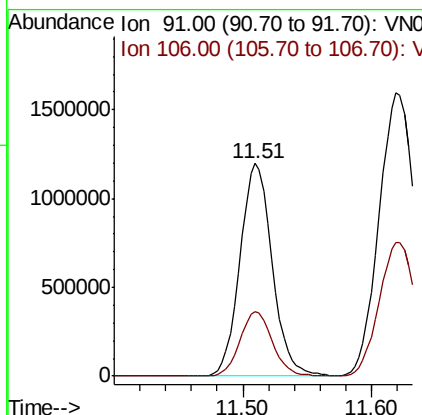
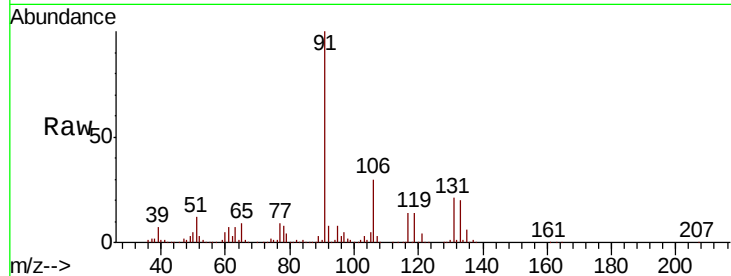




#67
Ethyl Benzene
Concen: 94.005 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

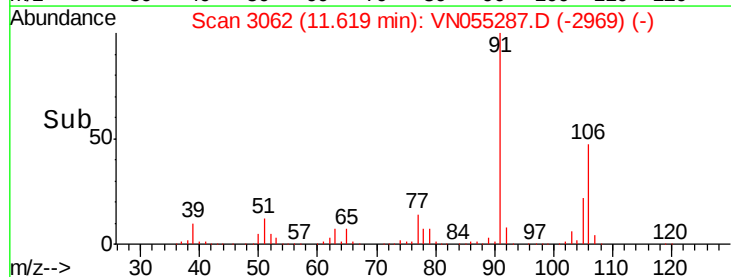
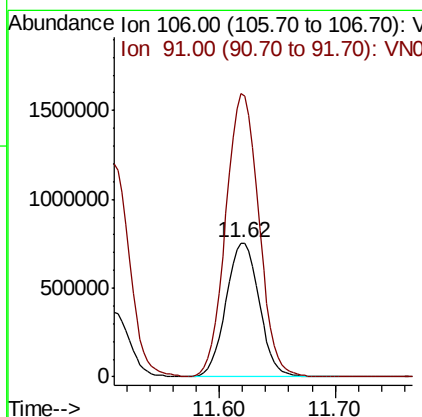
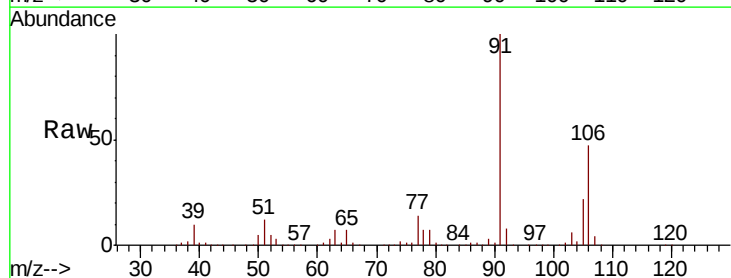
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

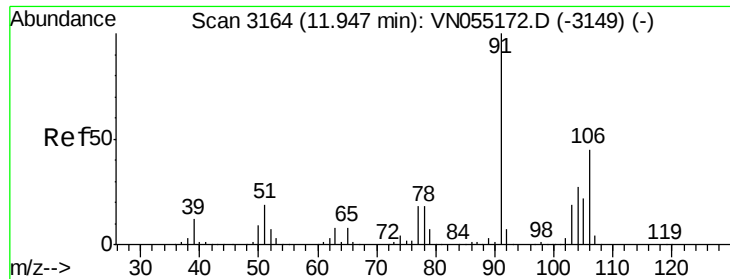
Tgt Ion: 91 Resp: 2085122
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 189.187 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 106 Resp: 1500151
Ion Ratio Lower Upper
106 100
91 210.9 169.5 254.3

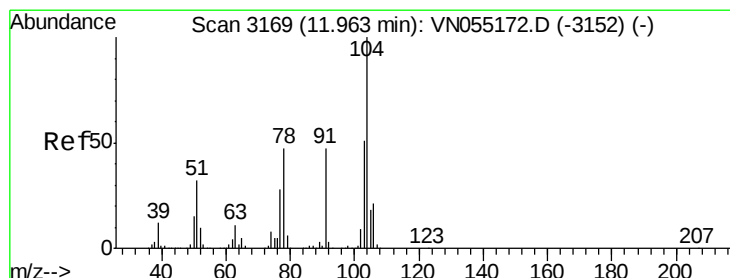
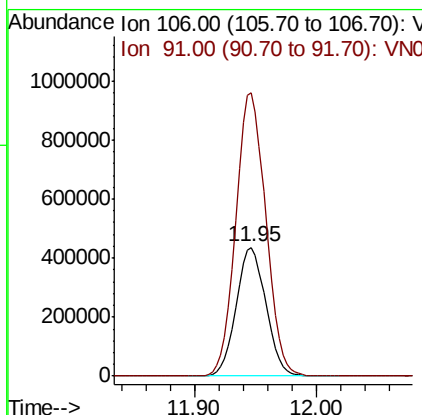
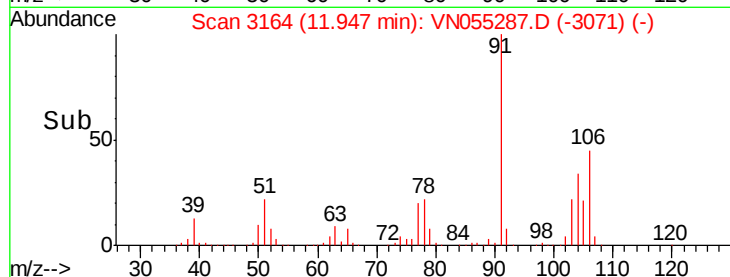
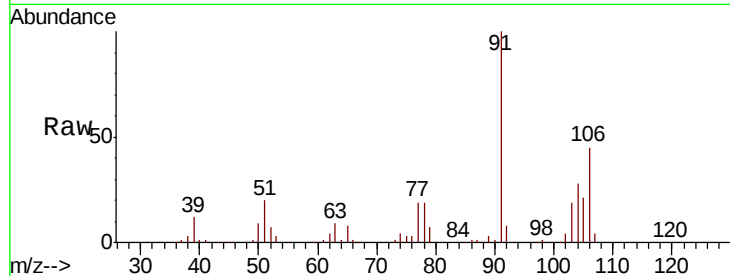




#69
o-Xylene
Concen: 93.132 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

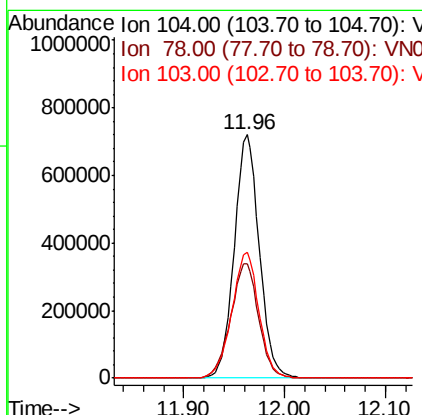
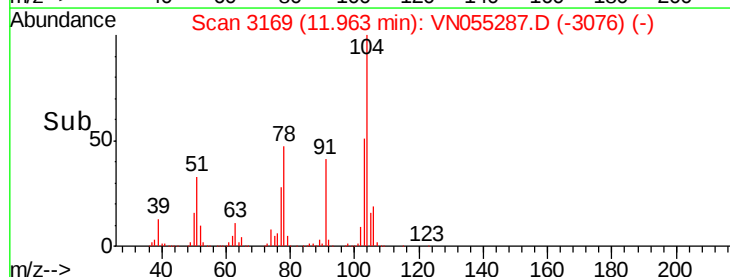
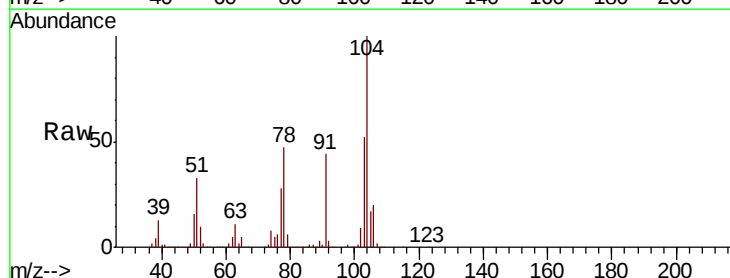
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

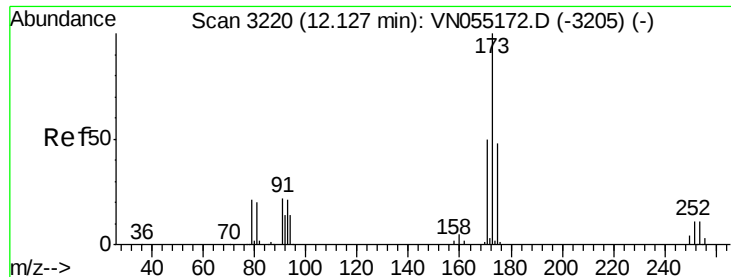
Tgt Ion:106 Resp: 733629
Ion Ratio Lower Upper
106 100
91 222.6 111.5 334.5



#70
Styrene
Concen: 101.946 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion:104 Resp: 1241967
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 56.0 44.6 67.0





#71

Bromoform

Concen: 103.531 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

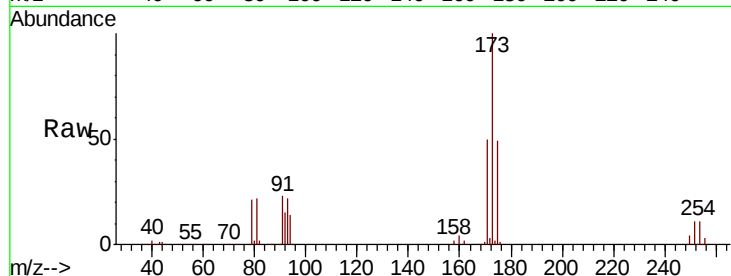
Tgt Ion:173 Resp: 283603

Ion Ratio Lower Upper

173 100

175 48.6 23.6 71.0

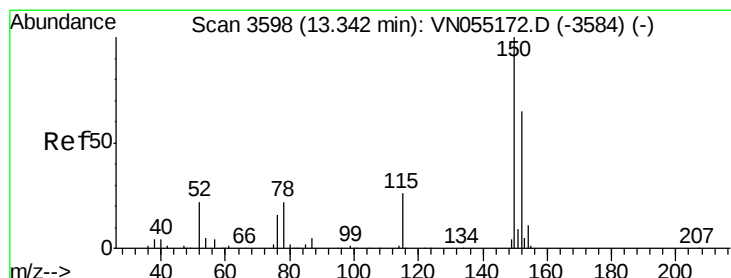
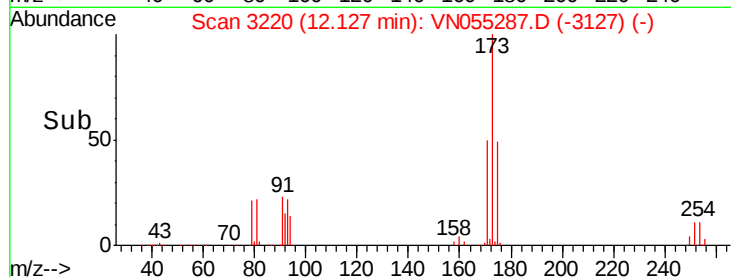
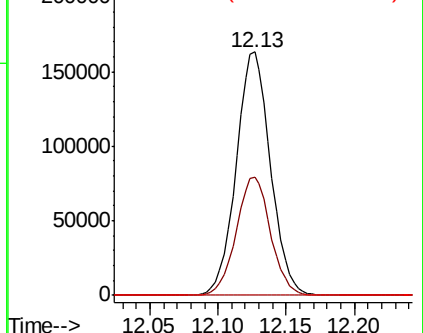
254 0.2 0.0 0.0#



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: VN055287.D

Acq: 29 Apr 2019 11:57

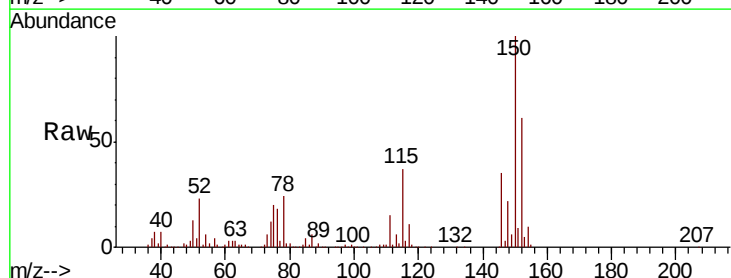
Tgt Ion:152 Resp: 258601

Ion Ratio Lower Upper

152 100

115 60.3 29.0 87.0

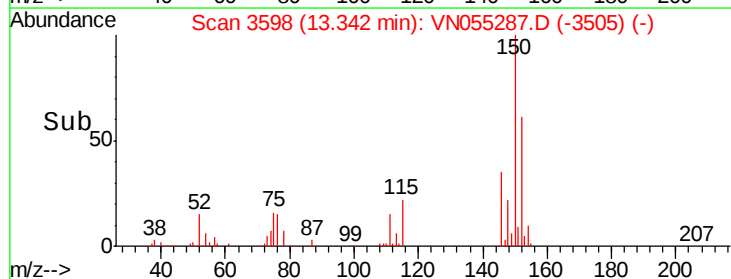
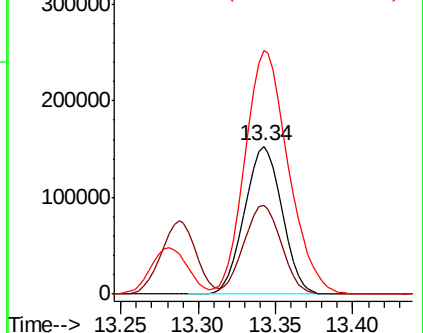
150 189.7 0.0 345.6

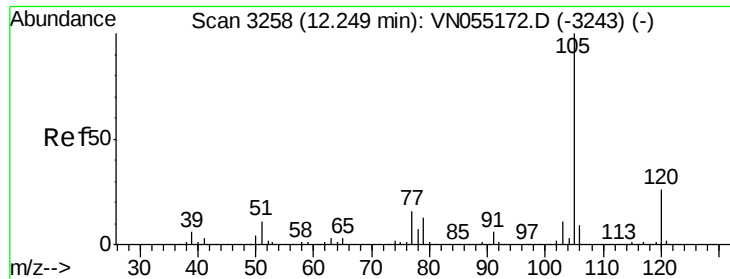


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 78.815 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

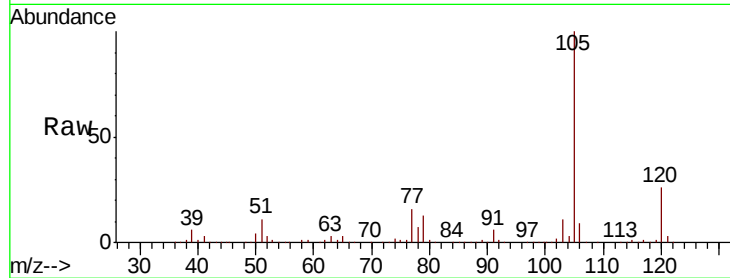
VSTDIC100

Tgt Ion:105 Resp: 1963345

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

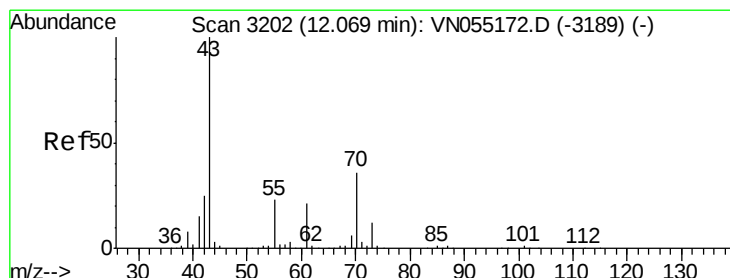
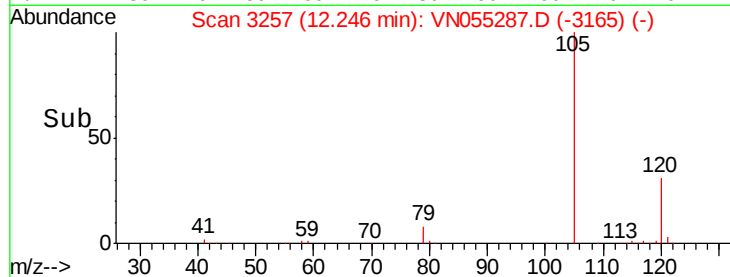
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 99.133 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Tgt Ion: 43 Resp: 660255

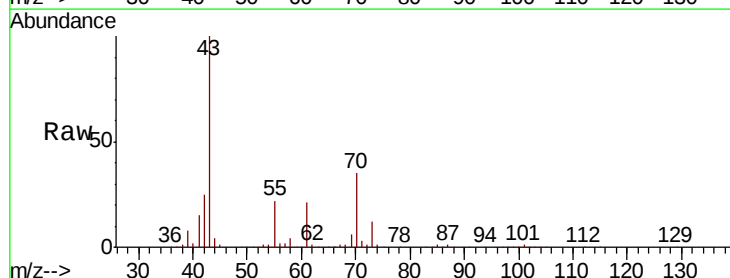
Ion Ratio Lower Upper

43 100

70 35.4 27.9 41.9

55 22.6 18.2 27.2

61 21.3 16.9 25.3



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

600000

500000

400000

300000

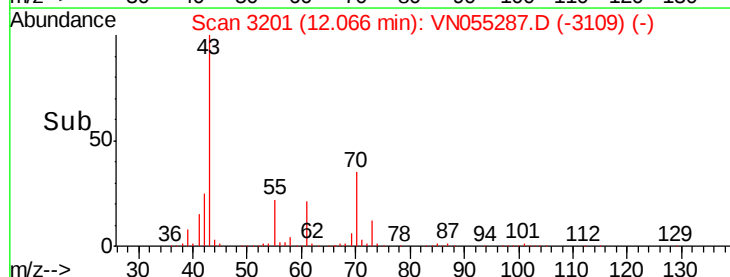
200000

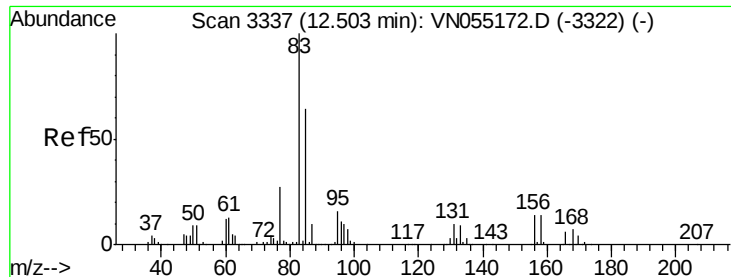
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 74.418 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

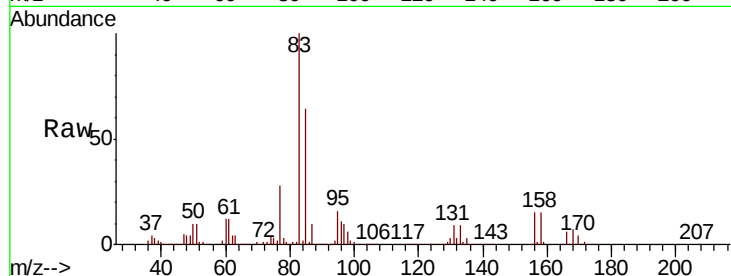
Tgt Ion: 83 Resp: 488970

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

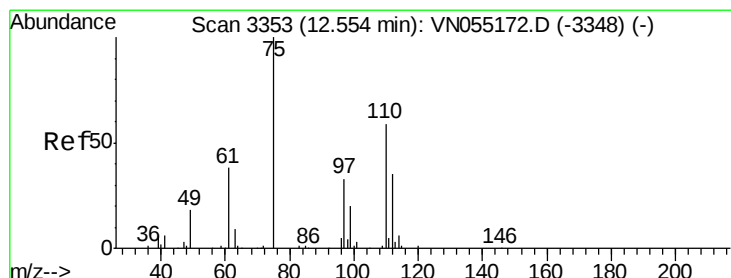
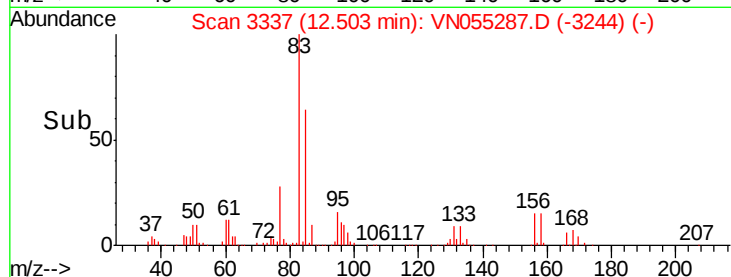
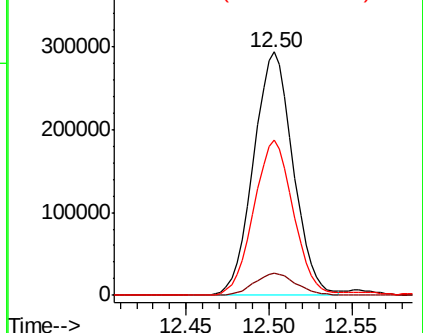
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055287.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055287.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055287.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 113.681 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055287.D

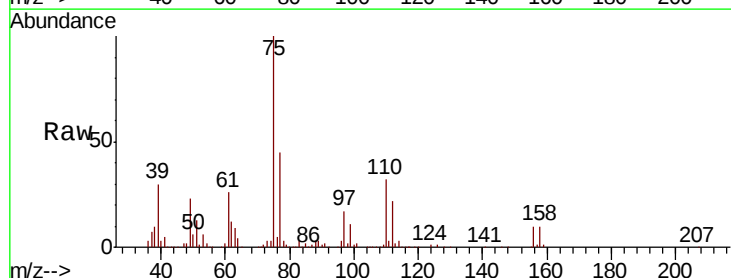
Acq: 29 Apr 2019 11:57

Tgt Ion: 75 Resp: 603508

Ion Ratio Lower Upper

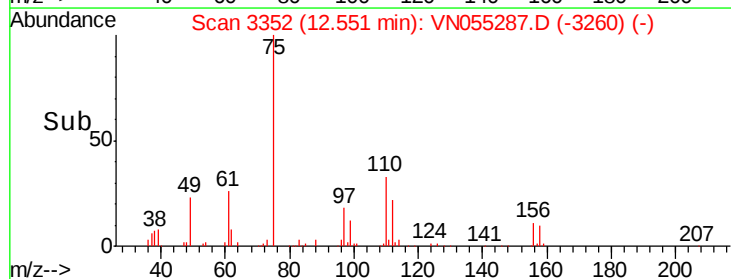
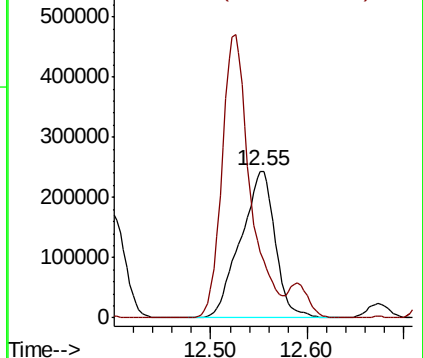
75 100

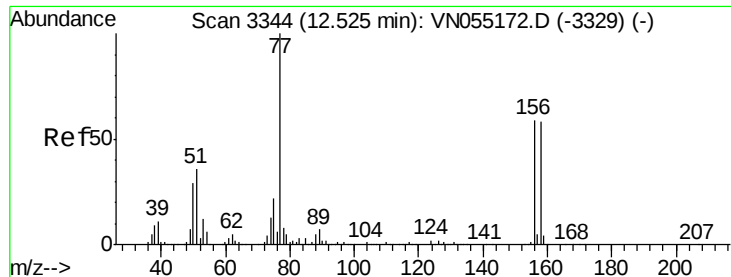
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055287.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN055287.D (-3352) (-)





#77

Bromobenzene

Concen: 84.002 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

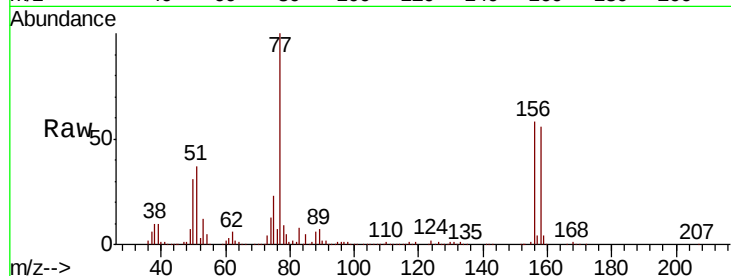
Tgt Ion:156 Resp: 478398

Ion Ratio Lower Upper

156 100

77 199.2 99.6 298.8

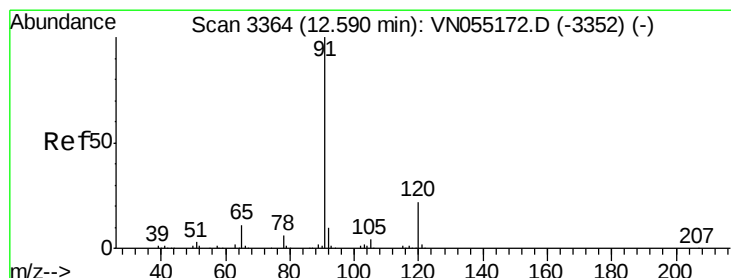
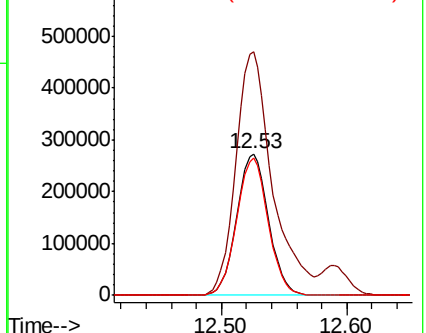
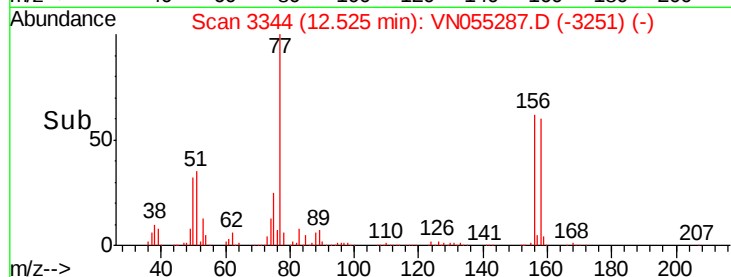
158 96.6 49.3 147.8



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: 86.022 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055287.D

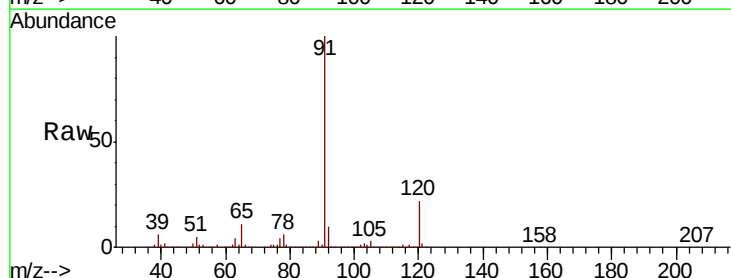
Acq: 29 Apr 2019 11:57

Tgt Ion: 91 Resp: 2234730

Ion Ratio Lower Upper

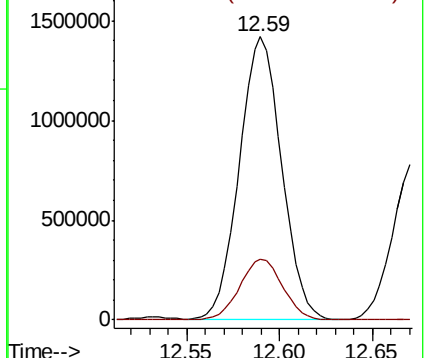
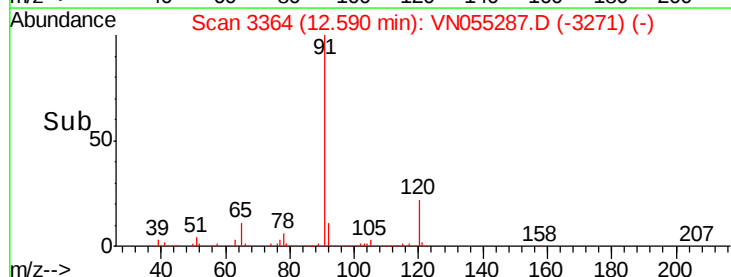
91 100

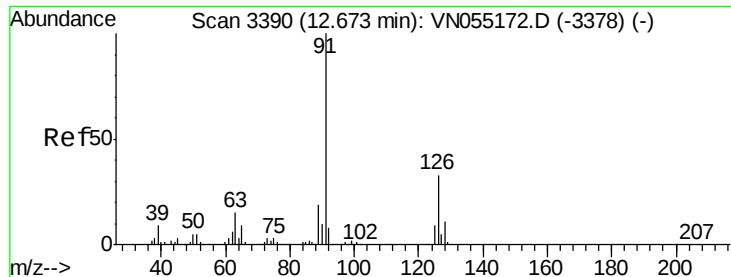
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 82.108 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

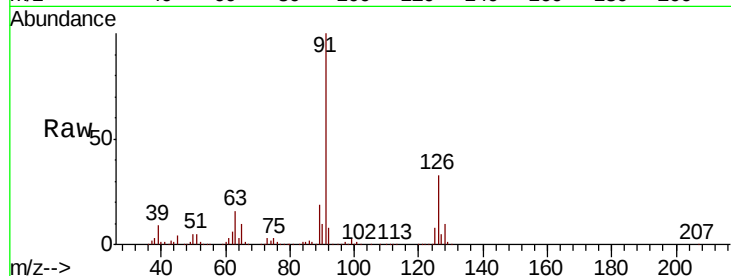
VSTDIC100

Tgt Ion: 91 Resp: 1346832

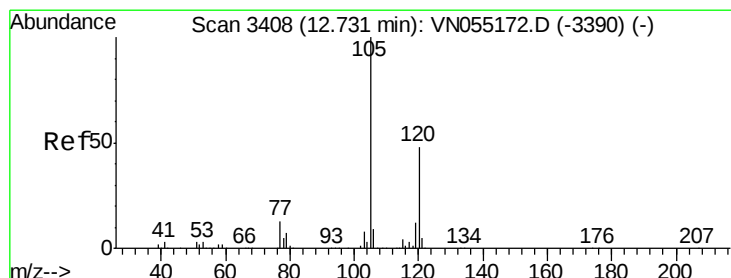
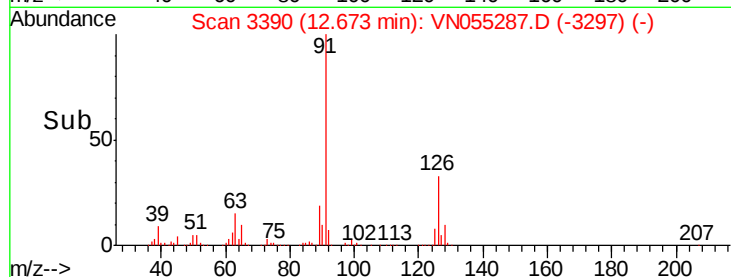
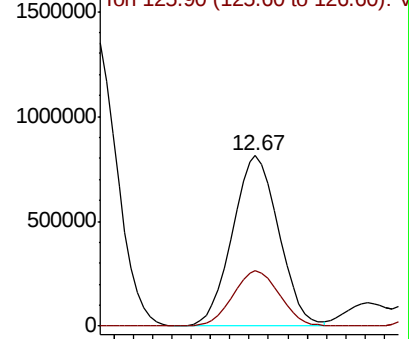
Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055287.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 83.899 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055287.D

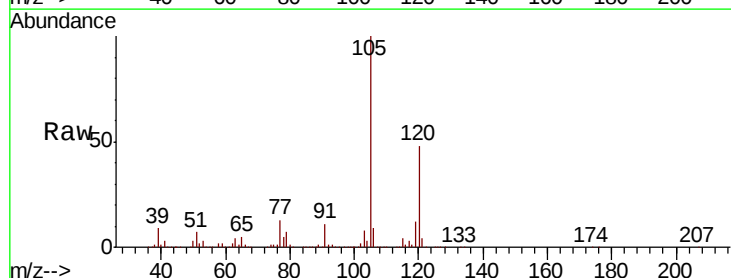
Acq: 29 Apr 2019 11:57

Tgt Ion: 105 Resp: 1624739

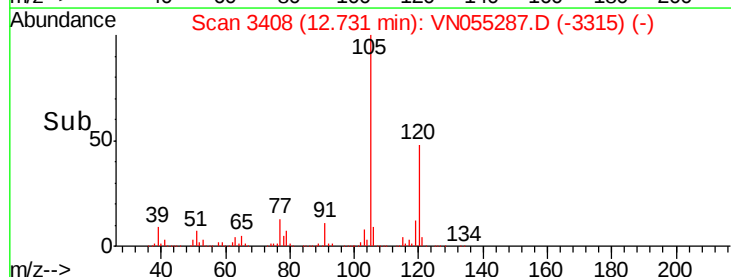
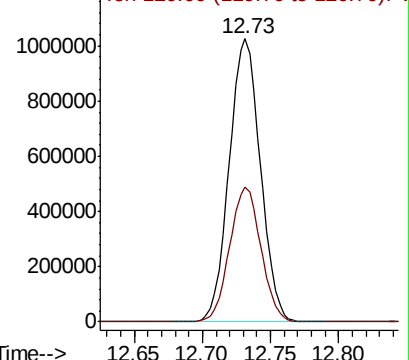
Ion Ratio Lower Upper

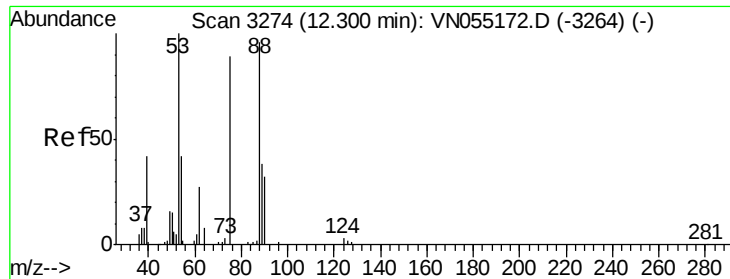
105 100

120 47.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055287.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 95.014 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

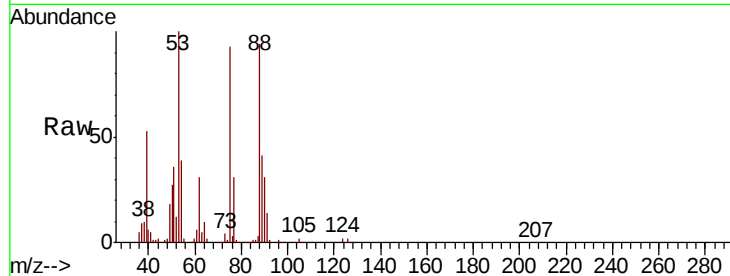
Tgt Ion: 75 Resp: 131736

Ion Ratio Lower Upper

75 100

53 105.2 86.3 129.5

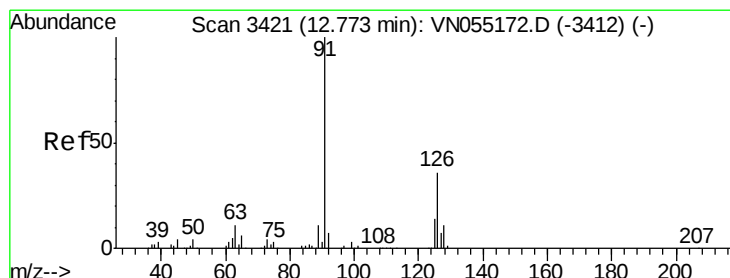
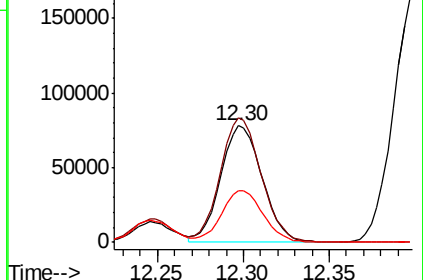
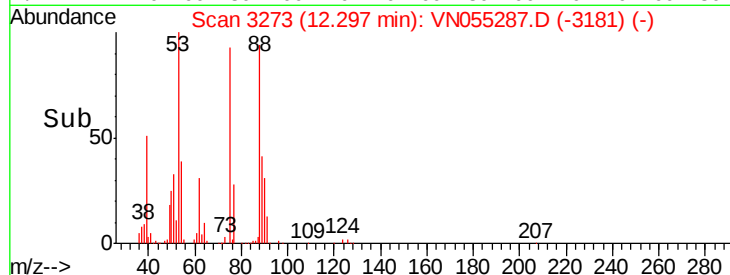
89 44.2 34.6 51.8



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: 88.415 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055287.D

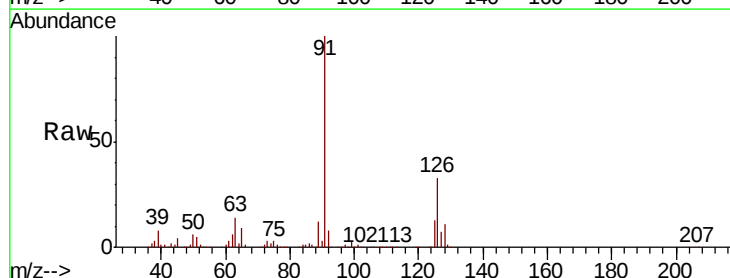
Acq: 29 Apr 2019 11:57

Tgt Ion: 91 Resp: 1328837

Ion Ratio Lower Upper

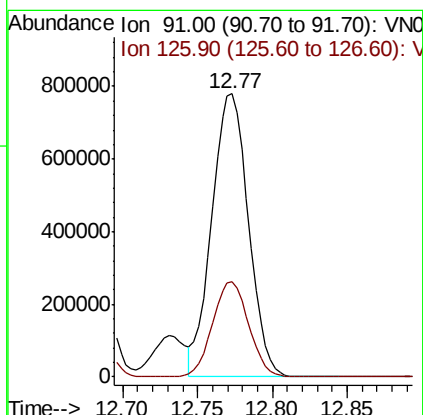
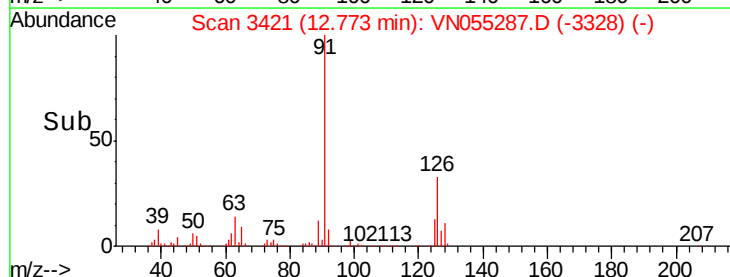
91 100

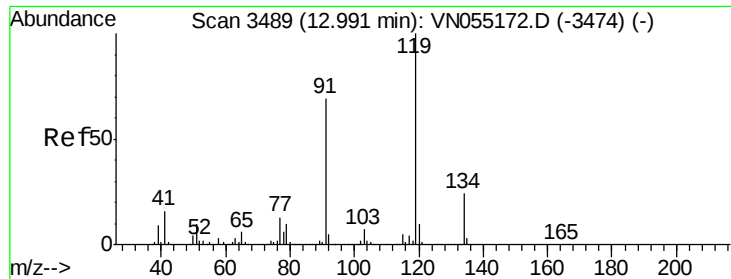
126 33.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

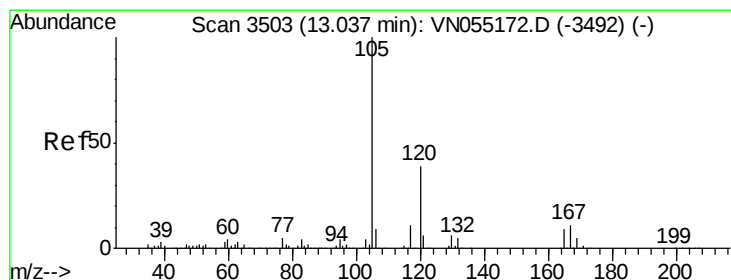
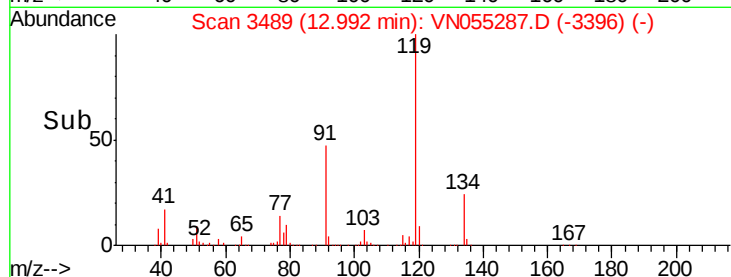
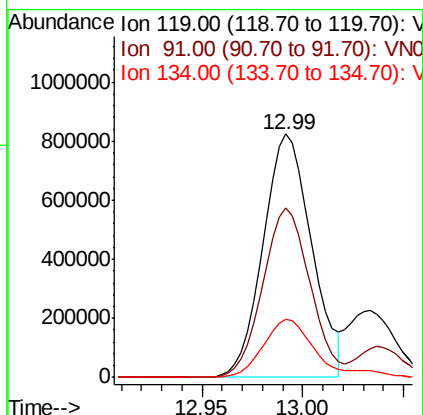
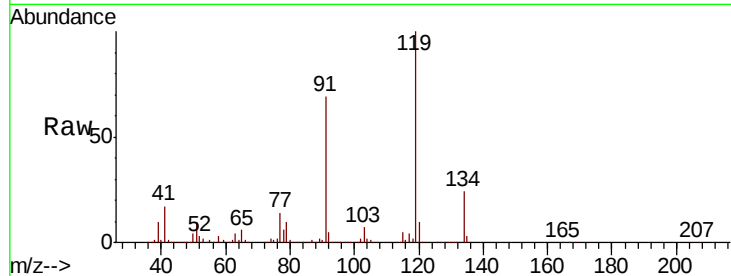




#83
 tert-Butylbenzene
 Concen: 79.464 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

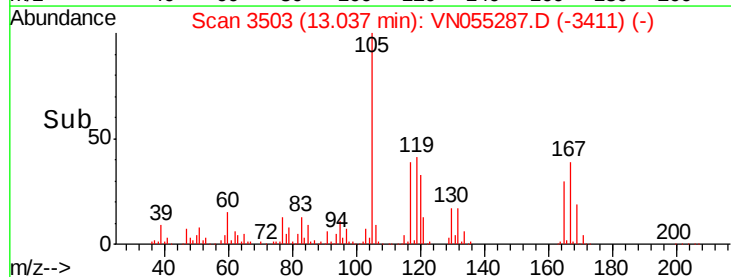
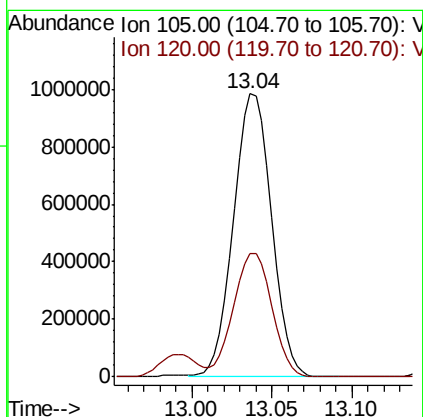
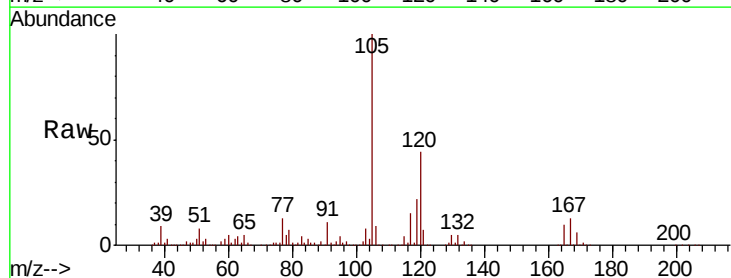
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

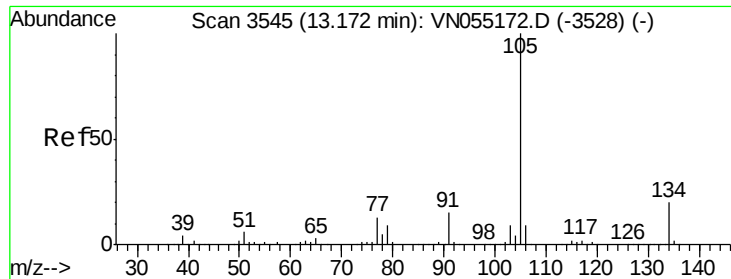
Tgt Ion:119 Resp: 1377468
 Ion Ratio Lower Upper
 119 100
 91 68.0 34.3 102.9
 134 26.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 87.193 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion:105 Resp: 1591351
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 81.739 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

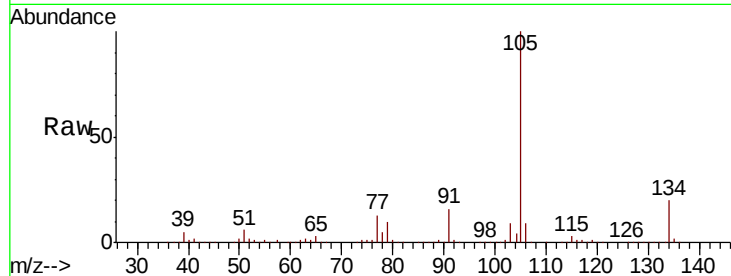
VSTDIC100

Tgt Ion:105 Resp: 1792470

Ion Ratio Lower Upper

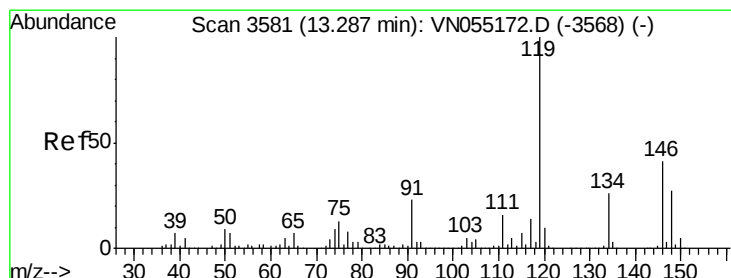
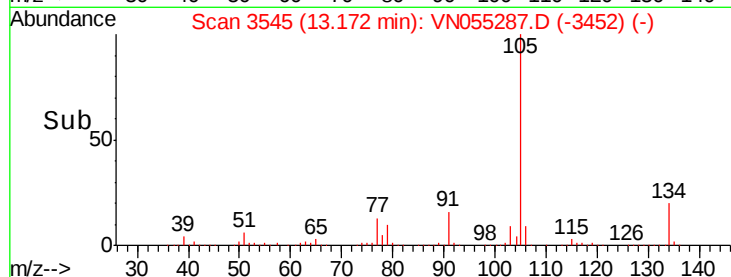
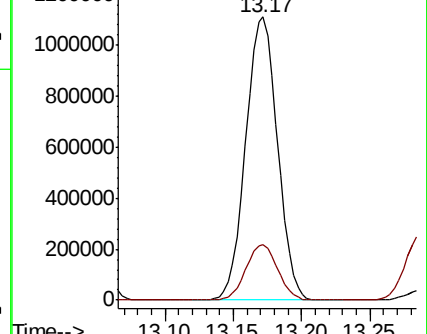
105 100

134 19.7 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 87.665 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

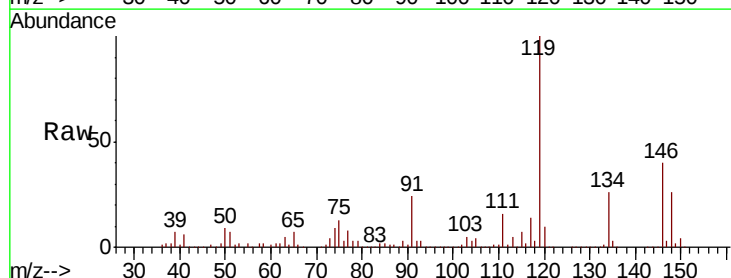
Tgt Ion:119 Resp: 1581422

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

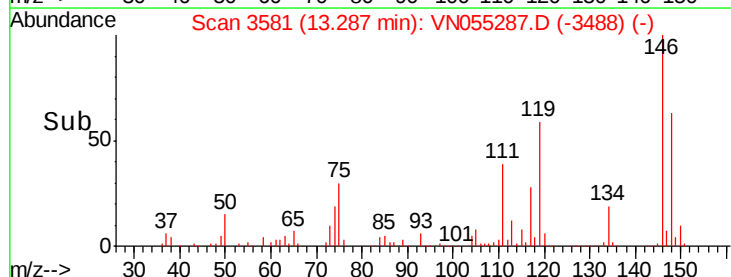
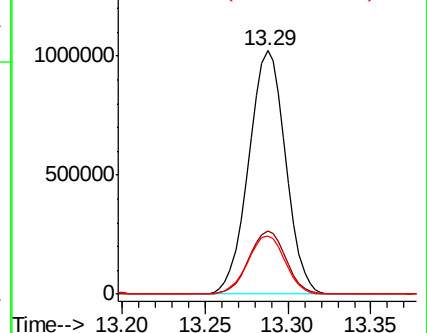
91 24.3 12.2 36.6

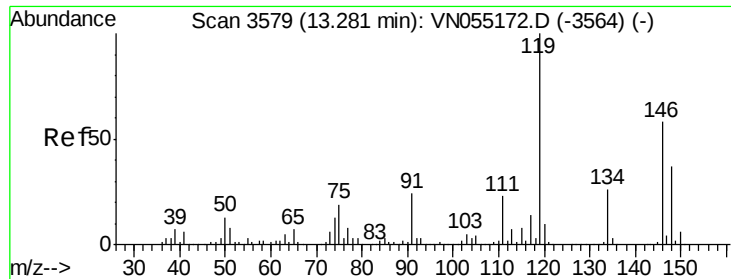


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 91.522 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

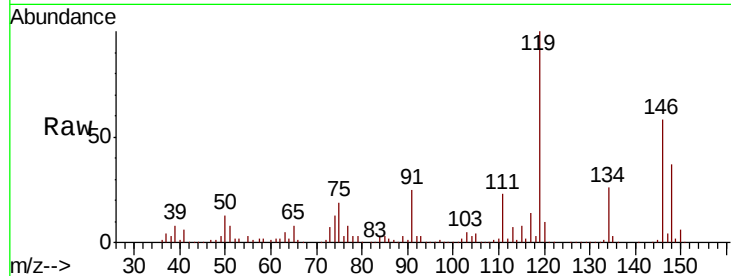
Tgt Ion:146 Resp: 795763

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.8

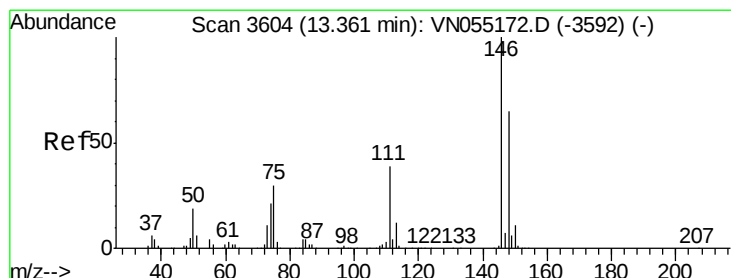
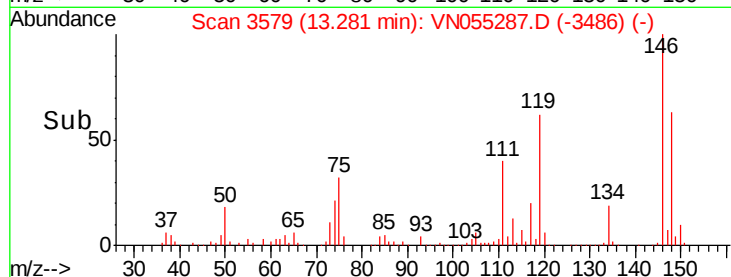
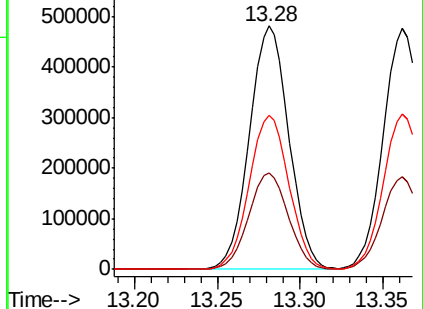
148 63.8 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 91.795 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

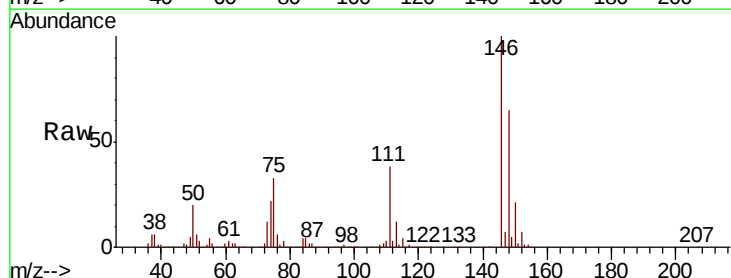
Tgt Ion:146 Resp: 778231

Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

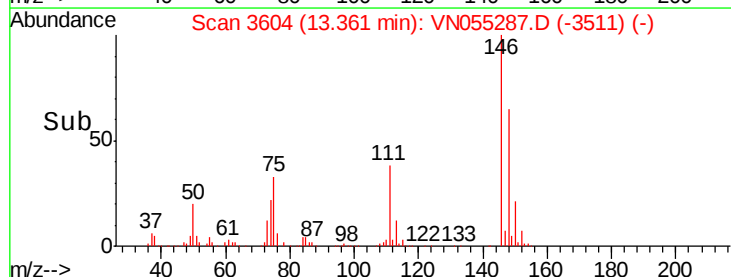
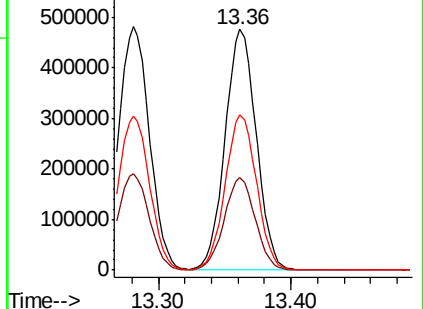
148 64.8 32.5 97.4

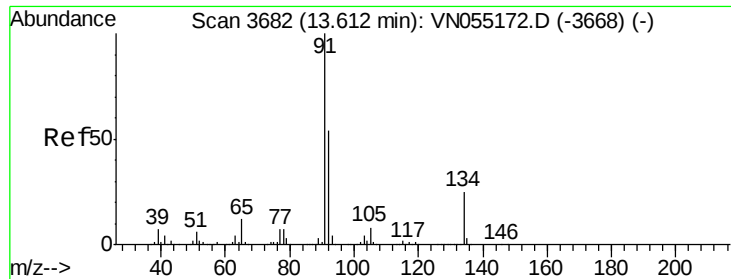


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

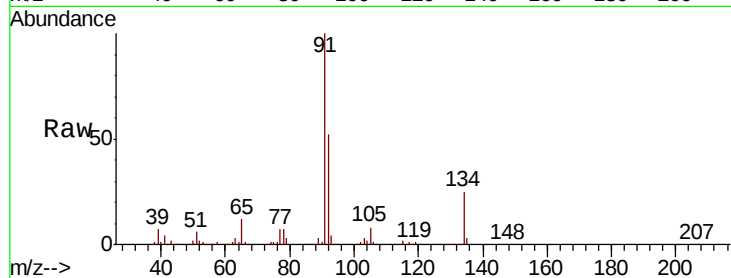




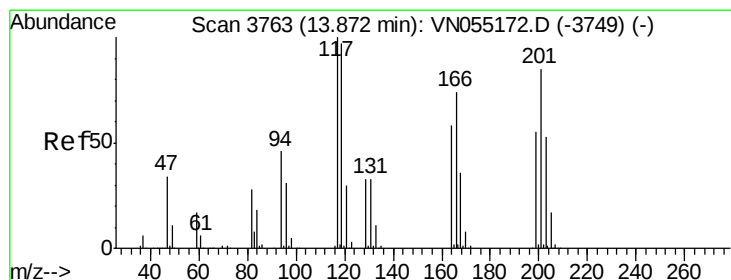
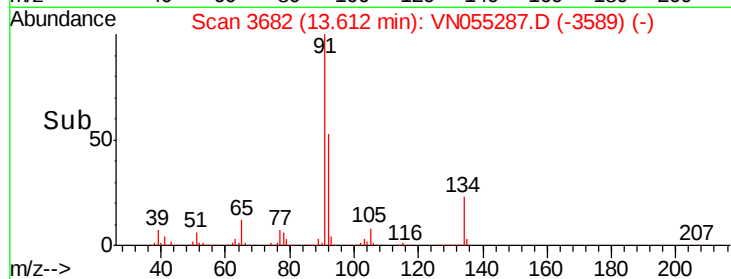
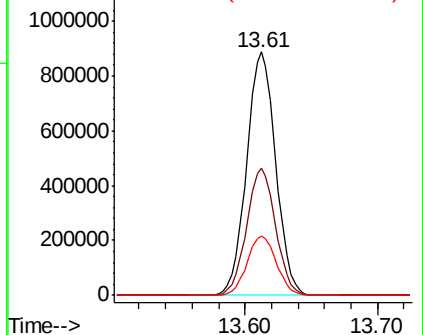
#89
n-Butylbenzene
Concen: 101.278 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1345599
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.7 12.4 37.4

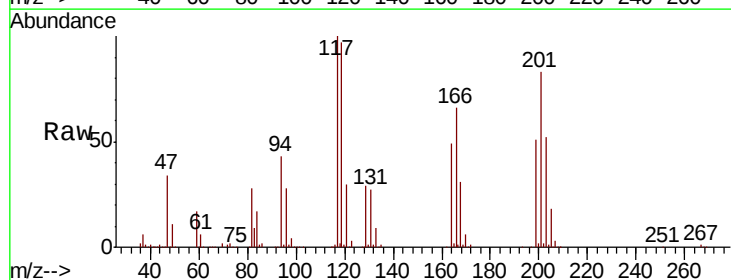


Abundance Ion 91.00 (90.70 to 91.70): VN055287.D (-3589) (-)
Ion 92.00 (91.70 to 92.70): VN055287.D (-3589) (-)
Ion 134.00 (133.70 to 134.70): VN055287.D (-3589) (-)

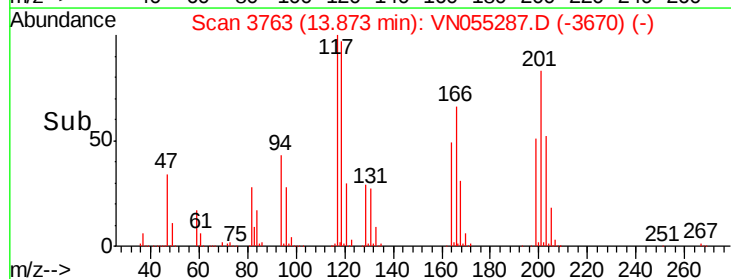
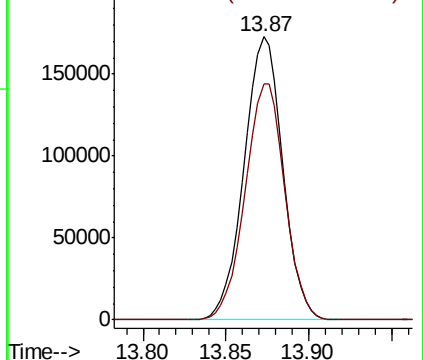


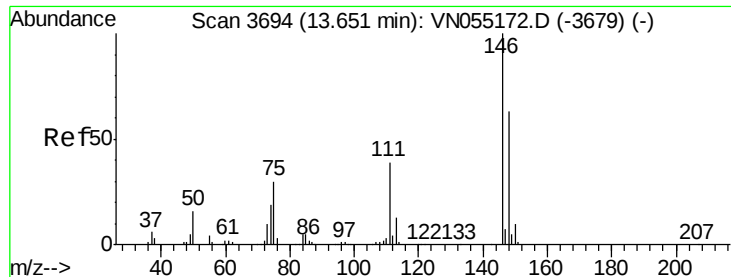
#90
Hexachloroethane
Concen: 87.336 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion: 117 Resp: 280986
Ion Ratio Lower Upper
117 100
201 85.4 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055287.D (-3670) (-)
Ion 200.70 (200.40 to 201.40): VN055287.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 85.461 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

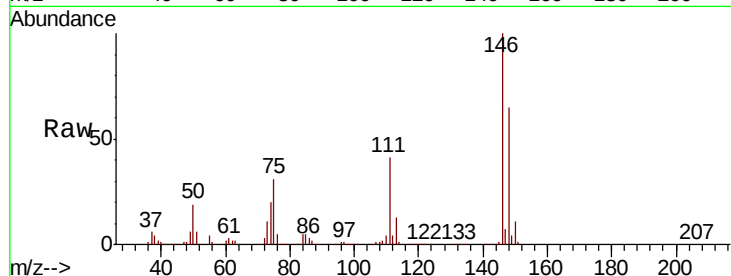
Tgt Ion:146 Resp: 762060

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

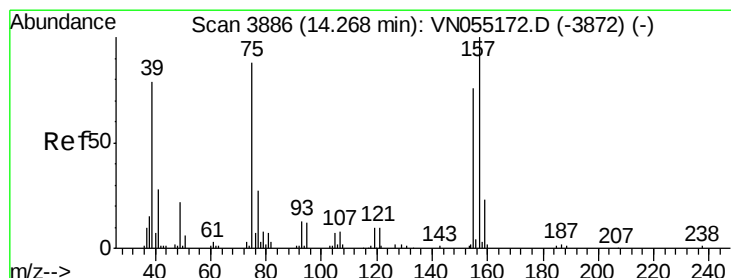
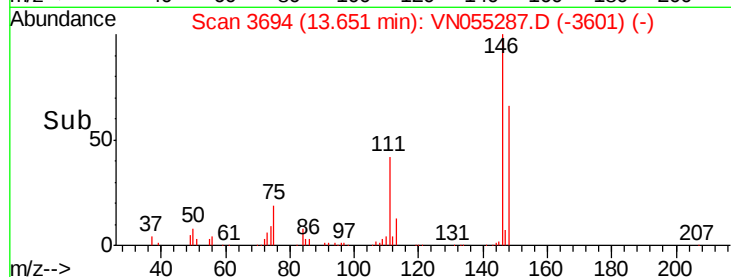
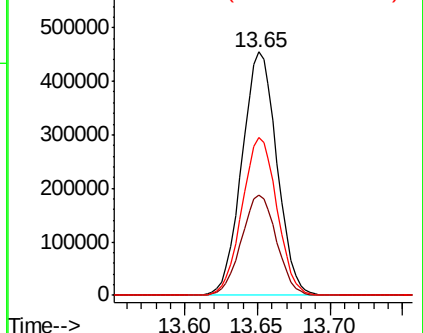
148 65.0 32.4 97.2



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: 91.333 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055287.D

Acq: 29 Apr 2019 11:57

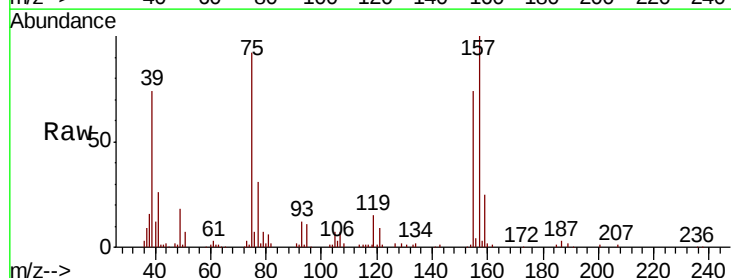
Tgt Ion: 75 Resp: 71537

Ion Ratio Lower Upper

75 100

155 82.6 41.5 124.6

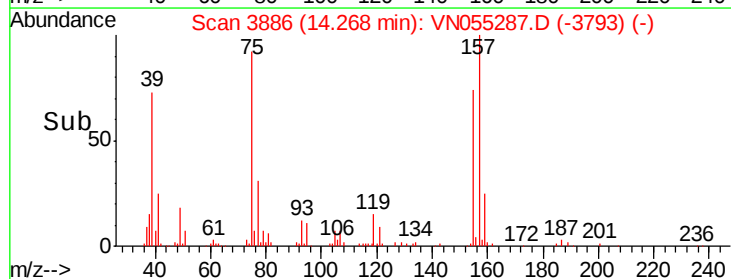
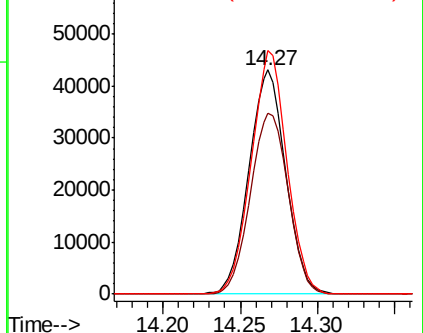
157 105.3 54.0 162.2

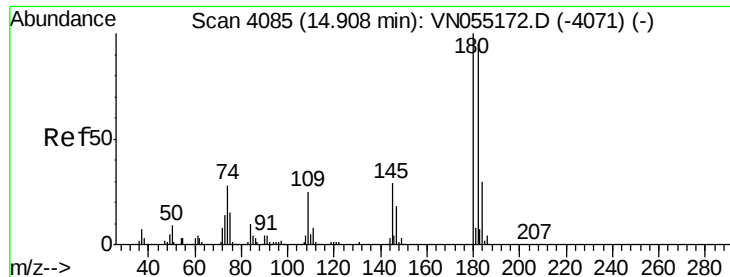


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

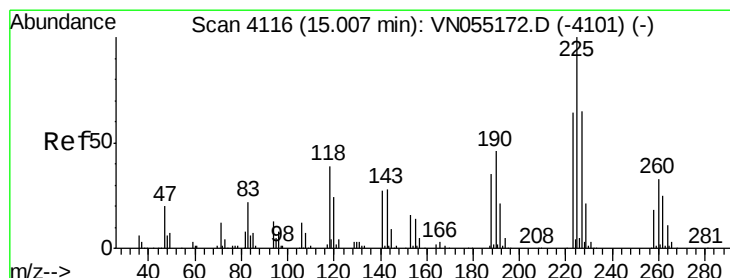
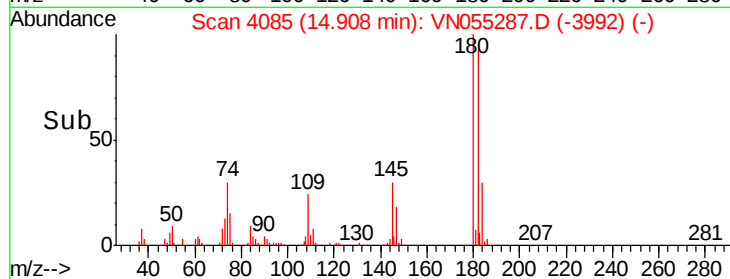
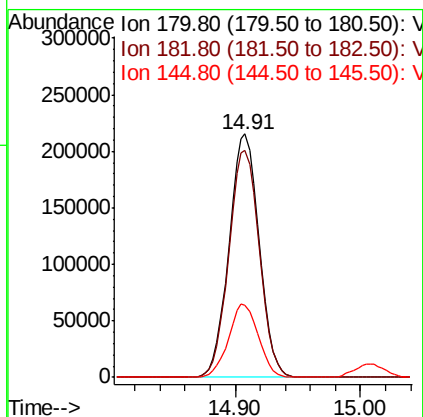
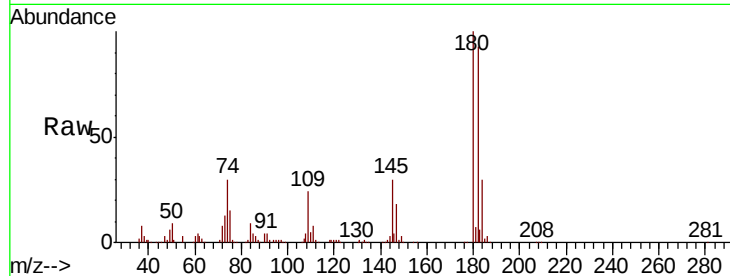




#93
 1,2,4-Trichlorobenzene
 Concen: 115.445 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

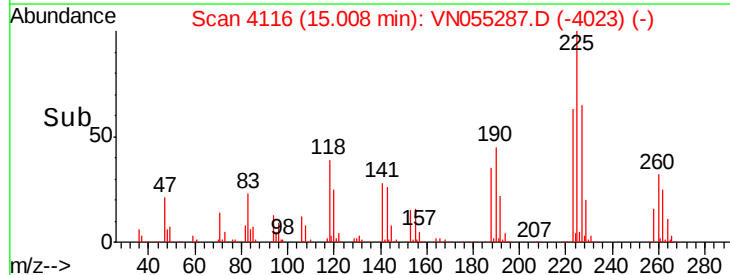
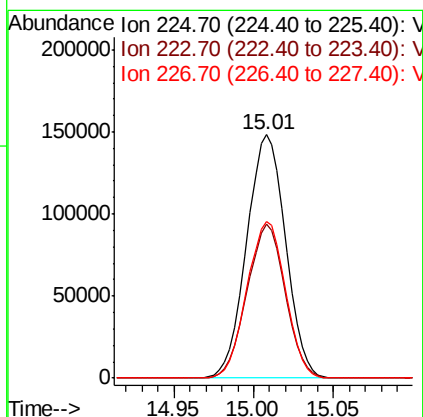
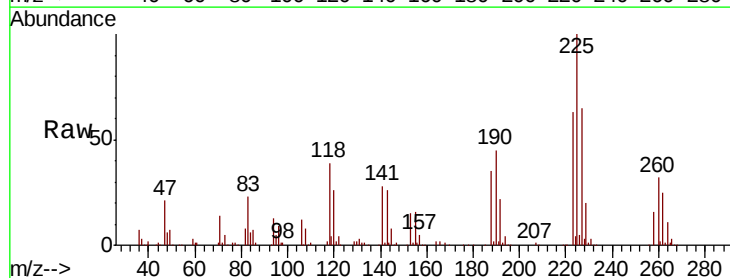
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

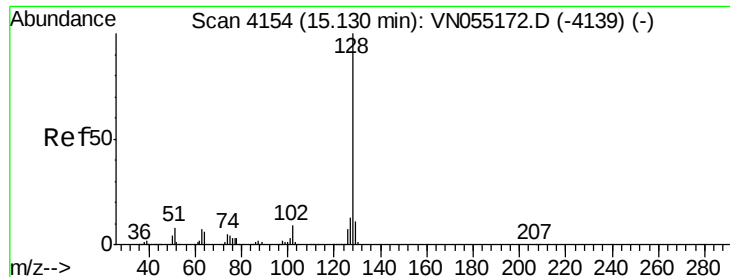
Tgt Ion:180 Resp: 357911
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.3 144.9
 145 29.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 76.553 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055287.D
 Acq: 29 Apr 2019 11:57

Tgt Ion:225 Resp: 246714
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.3 90.8
 227 63.8 30.9 92.7

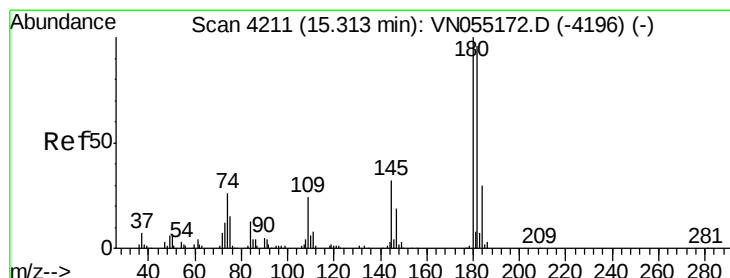
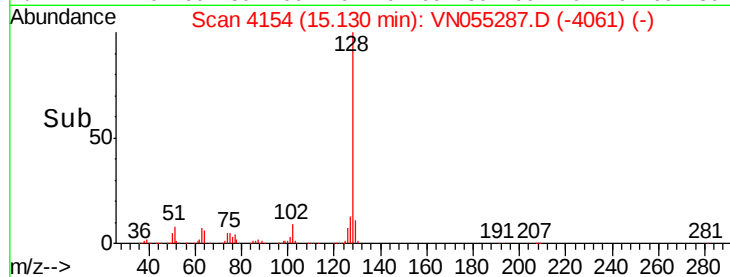
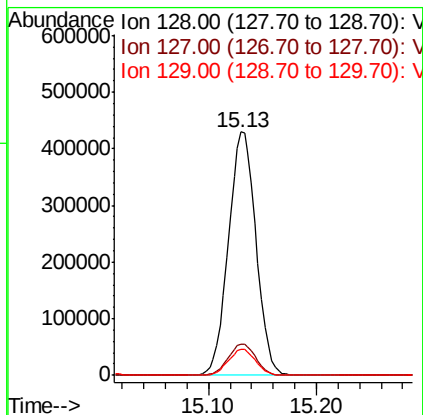
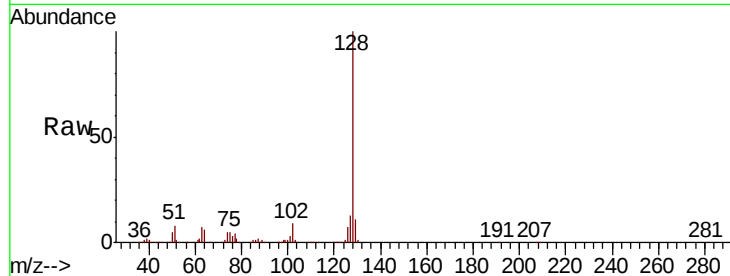




#95
Naphthalene
Concen: 117.191 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 765165
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 108.064 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055287.D
Acq: 29 Apr 2019 11:57

Tgt Ion:180 Resp: 347903
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.6 15.2 45.6

