

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055029.D
 Acq On : 13 Apr 2019 15:02
 Operator : JC/SP
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Quant Time: Apr 14 03:24:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	394939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	655579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	266079	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	213652	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
50) Toluene-d8	10.09	98	779015	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	252780	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	88229	20.253	ug/l	99
3) Chloromethane	2.06	50	115625	19.793	ug/l	100
4) Vinyl Chloride	2.19	62	96634	20.385	ug/l	99
5) Bromomethane	2.54	94	51778	18.869	ug/l	95
6) Chloroethane	2.70	64	51887	19.848	ug/l	98
7) Trichlorofluoromethane	3.01	101	118924	20.000	ug/l	98
8) Diethyl Ether	3.41	74	38499	20.587	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	58909	18.994	ug/l	98
10) Methyl Iodide	3.94	142	88268	19.734	ug/l	99
11) Tert butyl alcohol	4.84	59	31124	102.052	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	59971	19.640	ug/l	91
13) Acrolein	3.60	56	36529	99.229	ug/l	97
14) Allyl chloride	4.31	41	150367	20.154	ug/l	99
15) Acrylonitrile	5.00	53	185626	110.351	ug/l	99
16) Acetone	3.82	43	126442	92.867	ug/l	99
17) Carbon Disulfide	4.04	76	165565	16.647	ug/l	99
18) Methyl Acetate	4.33	43	88854	21.053	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	233353	21.389	ug/l	98
20) Methylene Chloride	4.54	84	93114	20.167	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	83220	20.688	ug/l	97
22) Diisopropyl ether	5.96	45	316483	20.922	ug/l	99
23) Vinyl Acetate	5.90	43	1121964	106.043	ug/l	99
24) 1,1-Dichloroethane	5.85	63	167745	20.532	ug/l	99
25) 2-Butanone	6.85	43	228012	108.734	ug/l	98
26) 2,2-Dichloropropane	6.82	77	99996	18.500	ug/l	78
27) cis-1,2-Dichloroethene	6.83	96	96077	20.560	ug/l	99
28) Bromochloromethane	7.19	49	82635	21.318	ug/l	100
29) Tetrahydrofuran	7.22	42	154728	112.558	ug/l	99
30) Chloroform	7.37	83	161539	20.735	ug/l	99
31) Cyclohexane	7.65	56	148662	18.818	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	128922	20.772	ug/l	98
36) 1,1-Dichloropropene	7.79	75	113238	18.690	ug/l	99
37) Ethyl Acetate	6.94	43	103355	22.723	ug/l	97
38) Carbon Tetrachloride	7.77	117	104772	18.371	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	113430	16.353	ug/l	97
40) Benzene	8.04	78	358598	19.576	ug/l	99
41) Methacrylonitrile	7.18	41	52245	18.667	ug/l	97
42) 1,2-Dichloroethane	8.13	62	128415	19.928	ug/l	100
43) Isopropyl Acetate	8.17	43	160504	20.637	ug/l	98
44) Trichloroethene	8.83	130	90571	19.347	ug/l	98
45) 1,2-Dichloropropane	9.12	63	102666	19.861	ug/l	98
46) Dibromomethane	9.21	93	59597	20.121	ug/l	99
47) Bromodichloromethane	9.40	83	115039	19.099	ug/l	99
48) Methyl methacrylate	9.20	41	79449	19.830	ug/l	97
49) 1,4-Dioxane	9.21	88	13781	319.831	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	480844	105.589	ug/l	98
52) Toluene	10.16	92	211132	19.489	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	101241	18.562	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	129596	19.289	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	80894	20.045	ug/l	98
56) Ethyl methacrylate	10.43	69	104363	20.097	ug/l	99
57) 1,3-Dichloropropane	10.71	76	143431	20.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	205531	99.873	ug/l	97
59) 2-Hexanone	10.75	43	297524	104.551	ug/l	99
60) Dibromochloromethane	10.90	129	78587	19.563	ug/l	99
61) 1,2-Dibromoethane	11.01	107	76613	19.828	ug/l	100
64) Tetrachloroethene	10.63	164	83938	18.960	ug/l	96
65) Chlorobenzene	11.43	112	217057	19.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	78562	19.535	ug/l	98
67) Ethyl Benzene	11.51	91	387316	19.322	ug/l	99
68) m/p-Xylenes	11.62	106	286392	39.051	ug/l	100
69) o-Xylene	11.95	106	142282	19.608	ug/l	98
70) Styrene	11.96	104	232922	20.245	ug/l	99
71) Bromoform	12.13	173	47973	19.082	ug/l #	99
73) Isopropylbenzene	12.25	105	366049	19.213	ug/l	99
74) N-amyl acetate	12.07	43	123088	21.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	103893	21.062	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117951	28.611	ug/l #	100
77) Bromobenzene	12.53	156	92835	21.197	ug/l	100
78) n-propylbenzene	12.59	91	392057	18.888	ug/l	100
79) 2-Chlorotoluene	12.67	91	253442	19.765	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	292840	18.881	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	19095	19.118	ug/l	92
82) 4-Chlorotoluene	12.77	91	239082	19.279	ug/l	99
83) tert-Butylbenzene	12.99	119	248823	18.727	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	286335	19.253	ug/l	98
85) sec-Butylbenzene	13.17	105	307929	18.151	ug/l	100
86) p-Isopropyltoluene	13.29	119	266489	18.060	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	146460	19.243	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	137990	18.956	ug/l	99
89) n-Butylbenzene	13.61	91	186636	16.104	ug/l	99
90) Hexachloroethane	13.87	117	40109	16.450	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	148902	20.153	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13724	21.397	ug/l	98

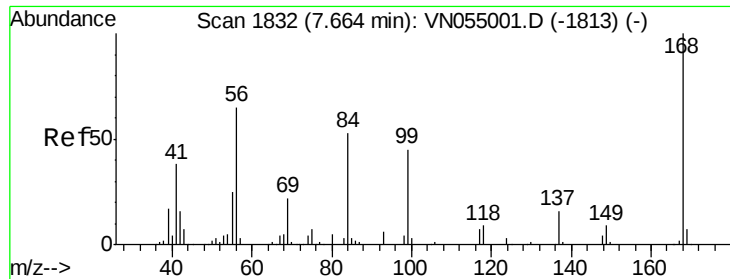
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
Data File : VN055029.D
Acq On : 13 Apr 2019 15:02
Operator : JC/SP
Sample : VN0414WBS01
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50382	16.291	ug/l	99
94) Hexachlorobutadiene	15.01	225	41749	17.423	ug/l	96
95) Naphthalene	15.13	128	124761	17.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56506	16.953	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

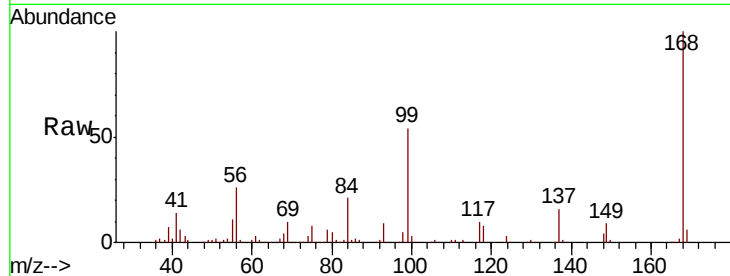
VN0414WBS01

Tot Ion:168 Resp: 394939

Ion Ratio Lower Upper

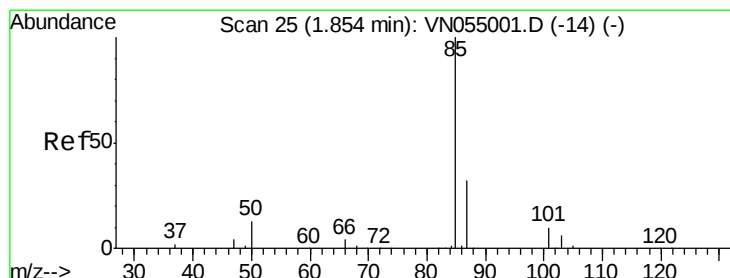
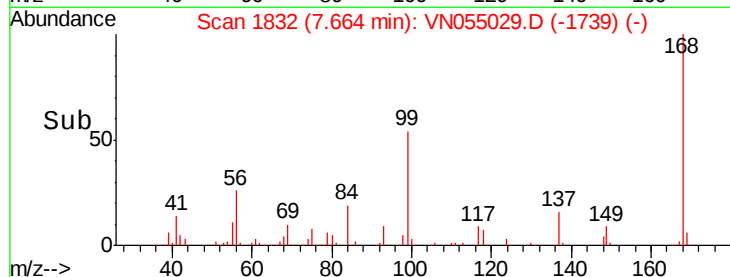
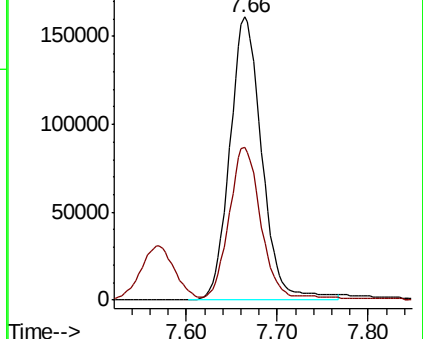
168 100

99 53.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.253 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055029.D

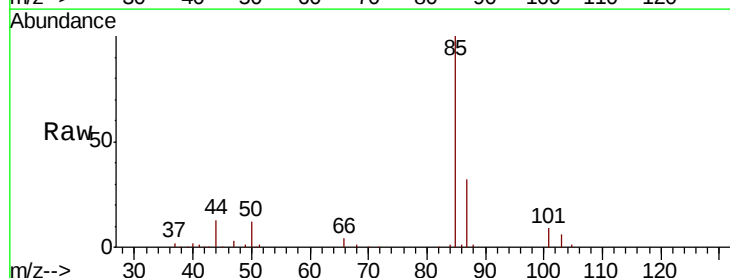
Acq: 13 Apr 2019 15:02

Tgt Ion: 85 Resp: 88229

Ion Ratio Lower Upper

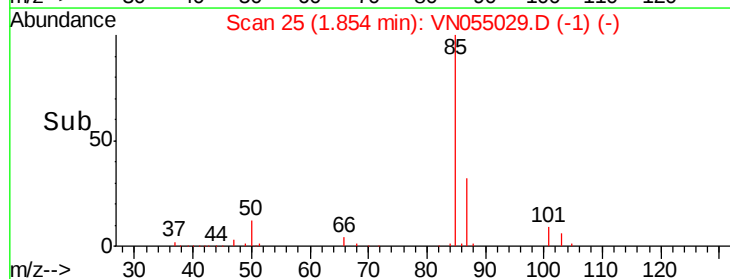
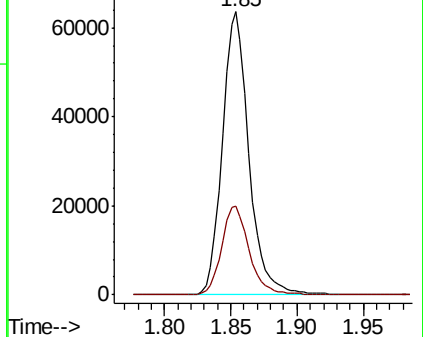
85 100

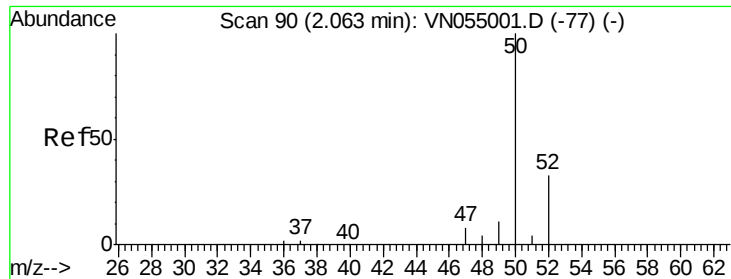
87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

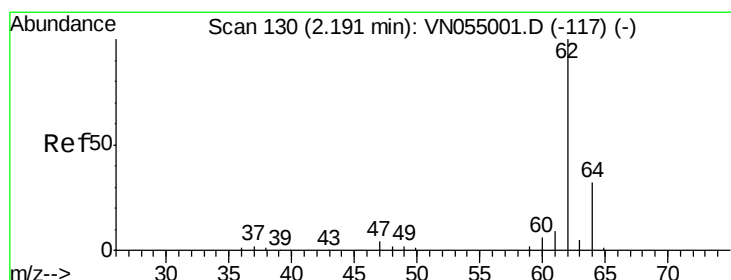
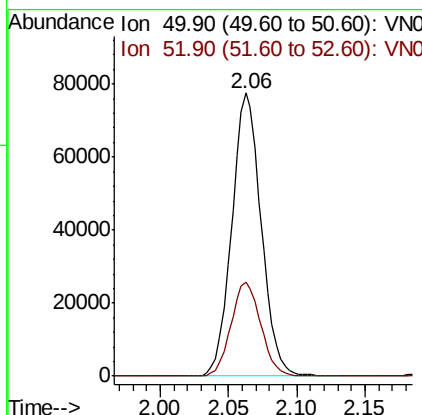
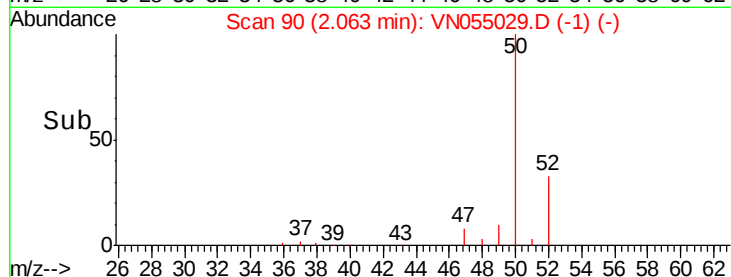
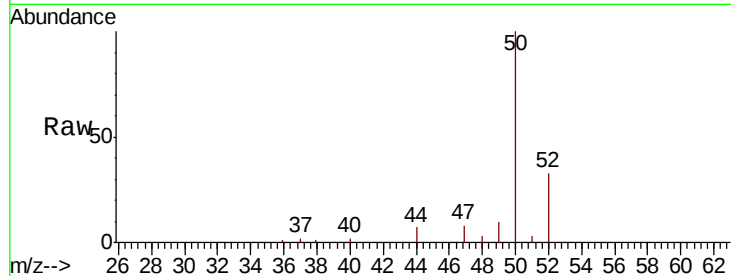




#3
 Chloromethane
 Concen: 19.793 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

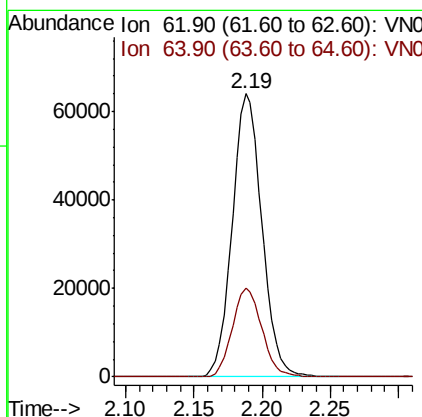
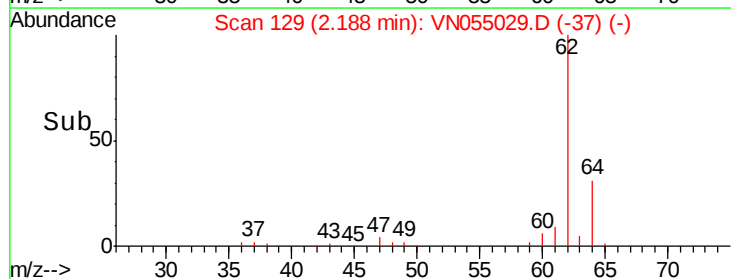
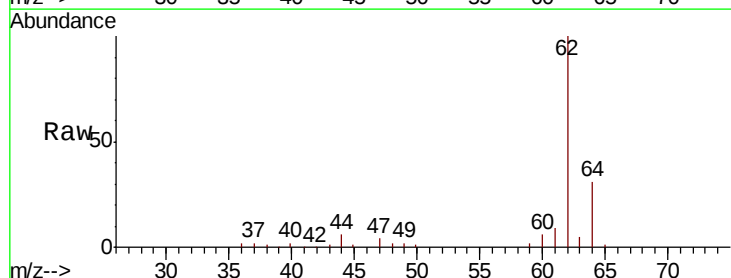
Instrument :
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 ClientSampleId :
 VN0414WBS01

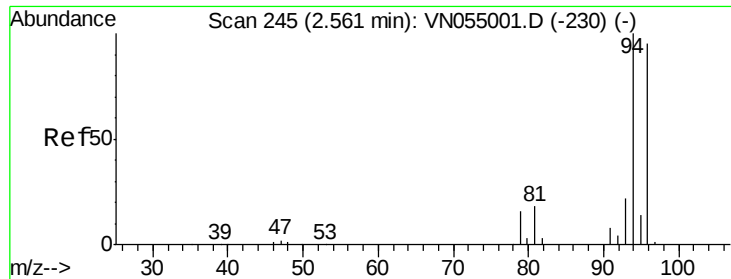
Tot Ion: 50 Resp: 115625
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.6 40.0



#4
 Vinyl Chloride
 Concen: 20.385 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

Tgt Ion: 62 Resp: 96634
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.8 38.6

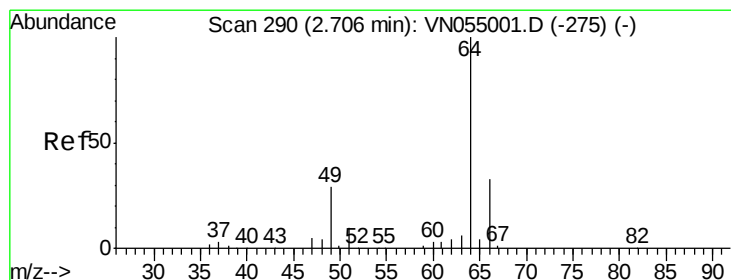
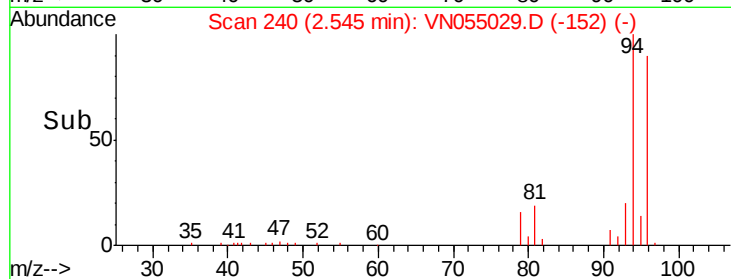
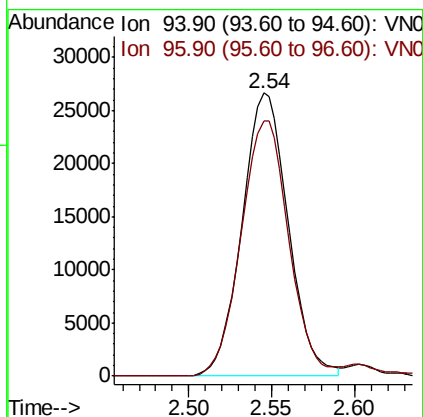
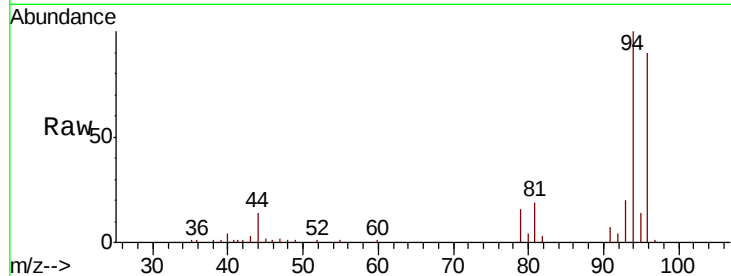




#5
Bromomethane
Concen: 18.869 ug/l
RT: 2.54 min Scan# 240
Delta R.T. -0.02 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

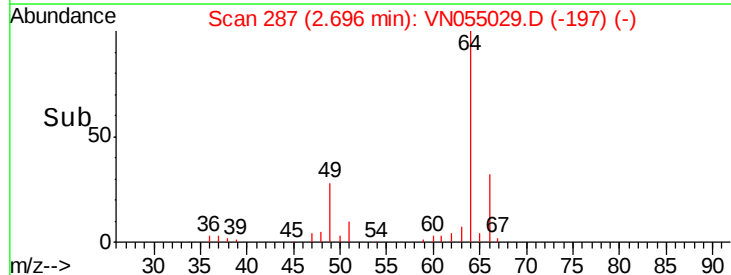
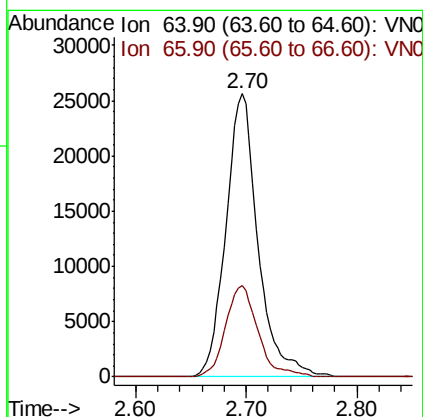
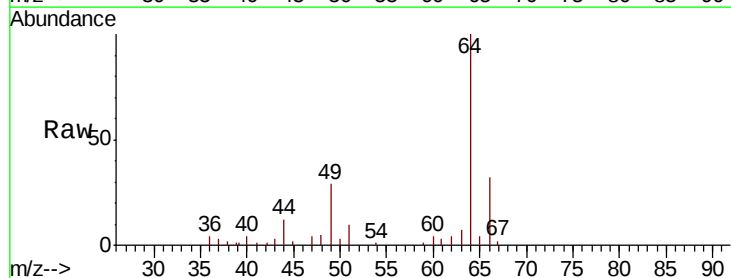
Instrument :
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VN0414WBS01

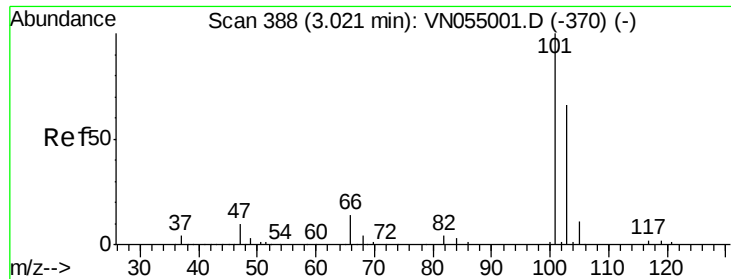
Tot Ion: 94 Resp: 51778
Ion Ratio Lower Upper
94 100
96 90.0 76.2 114.4



#6
Chloroethane
Concen: 19.848 ug/l
RT: 2.70 min Scan# 287
Delta R.T. -0.01 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 64 Resp: 51887
Ion Ratio Lower Upper
64 100
66 32.3 26.6 40.0



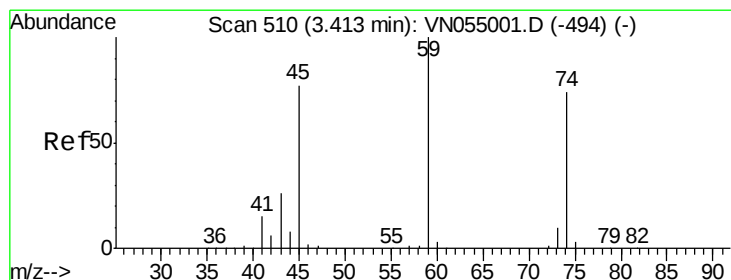
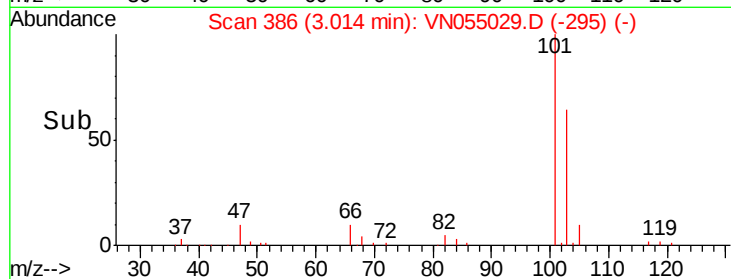
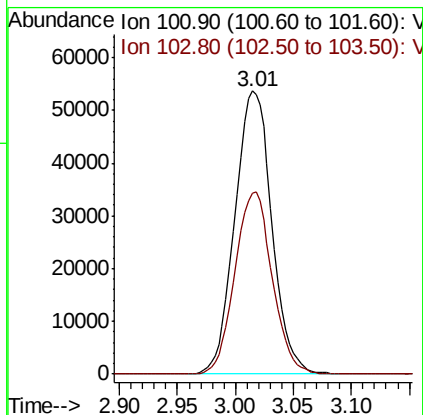
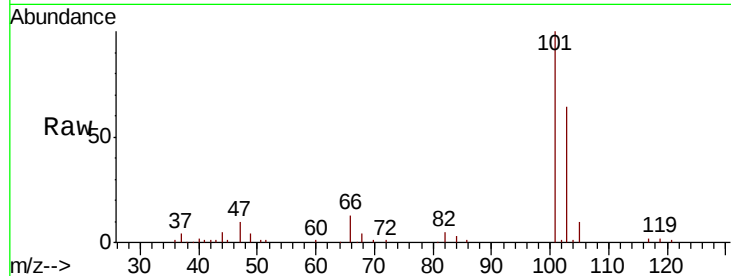


#7

Trichlorofluoromethane
Concen: 20.000 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

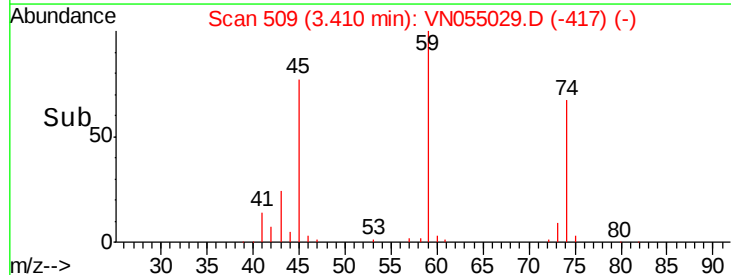
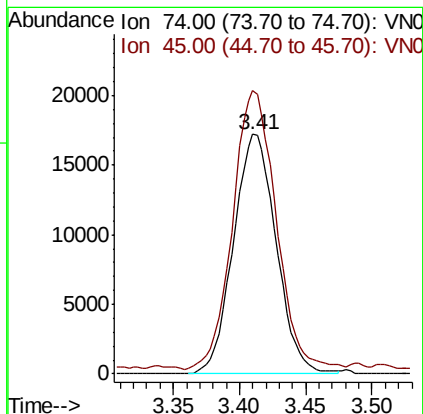
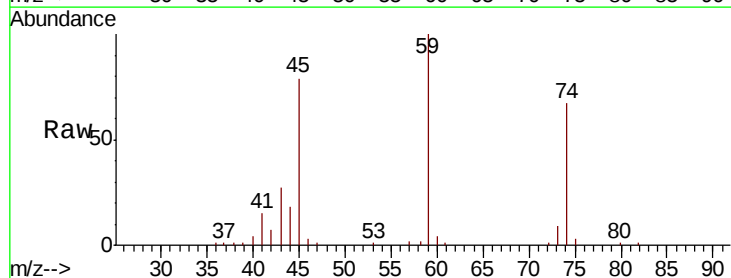
Tot Ion:101 Resp: 118924
Ion Ratio Lower Upper
101 100
103 63.7 52.5 78.7

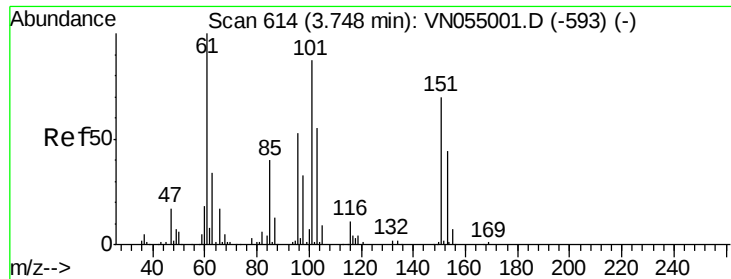


#8

Diethyl Ether
Concen: 20.587 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 74 Resp: 38499
Ion Ratio Lower Upper
74 100
45 118.1 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

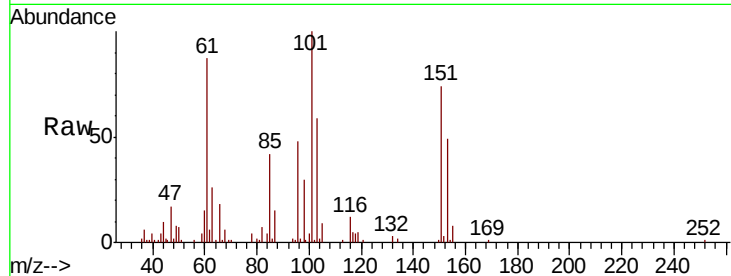
Tot Ion:101 Resp: 58909

Ion Ratio Lower Upper

101 100

85 48.1 36.9 55.3

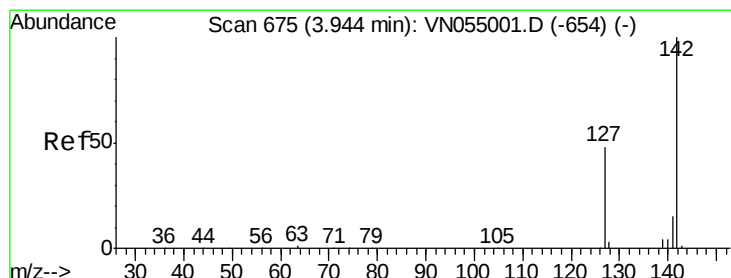
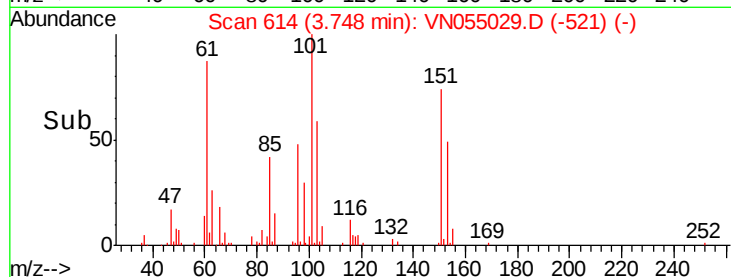
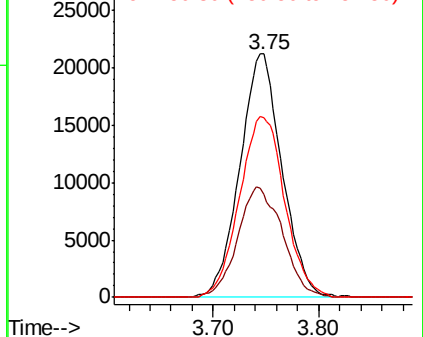
151 79.6 64.4 96.6



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: 19.734 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

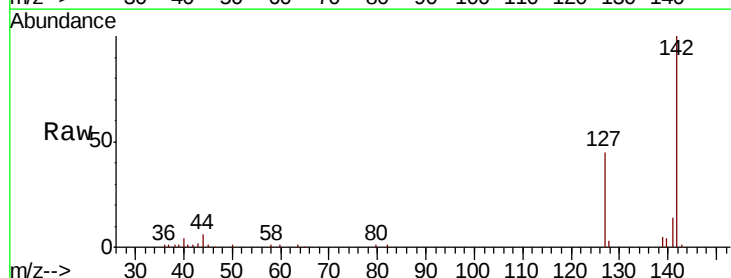
Tgt Ion:142 Resp: 88268

Ion Ratio Lower Upper

142 100

127 47.9 37.9 56.9

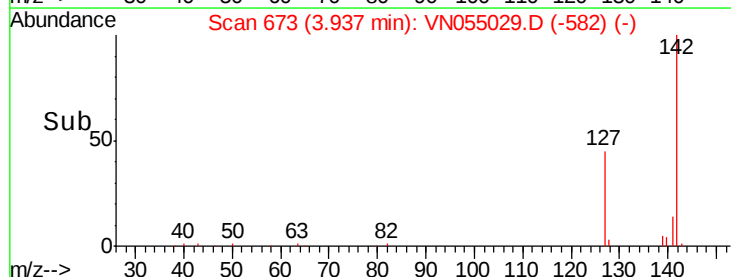
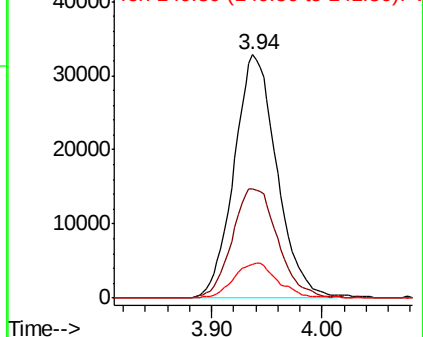
141 14.8 11.8 17.8

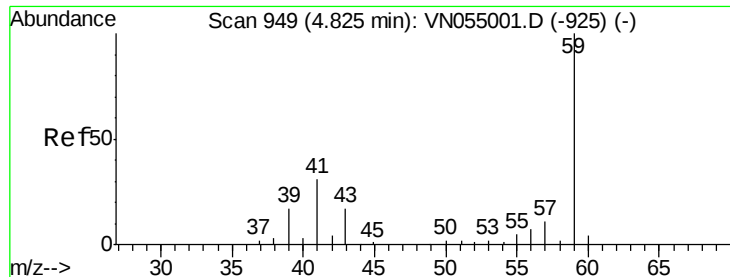


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

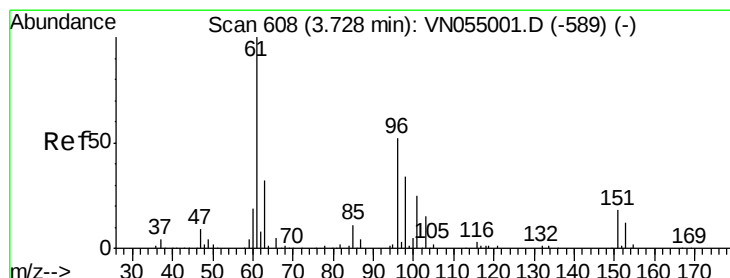
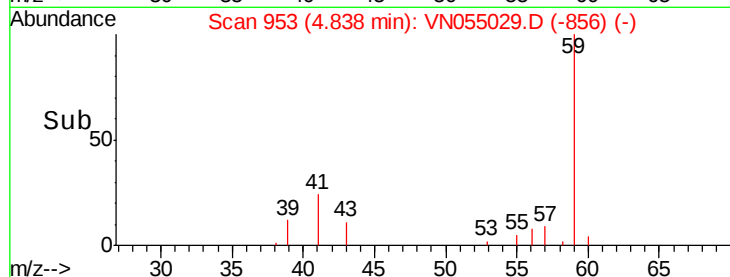
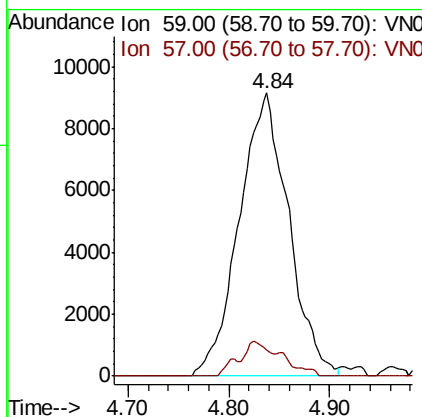
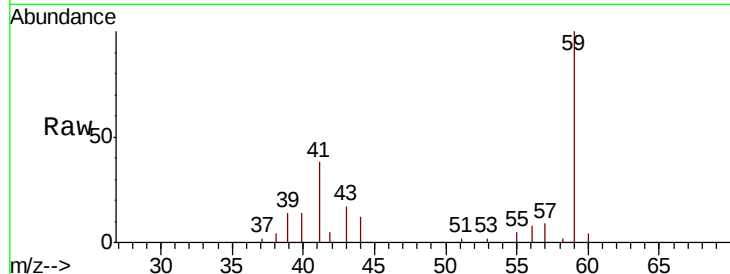




#11
Tert butyl alcohol
Concen: 102.052 ug/l
RT: 4.84 min Scan# 953
Delta R.T. 0.01 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

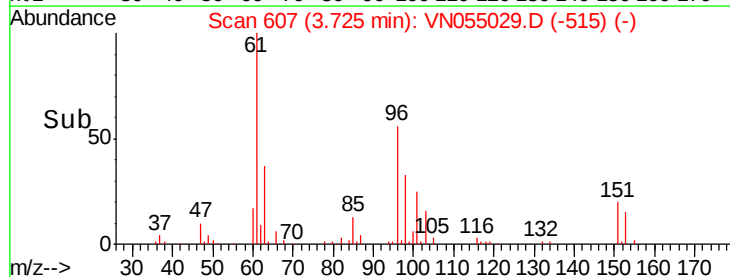
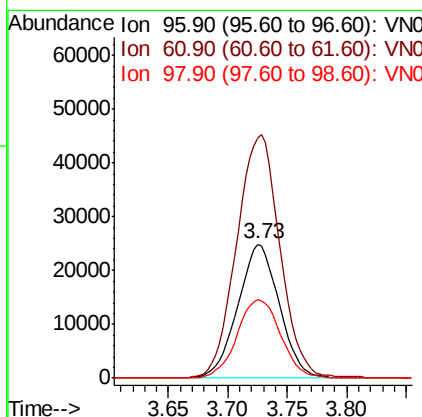
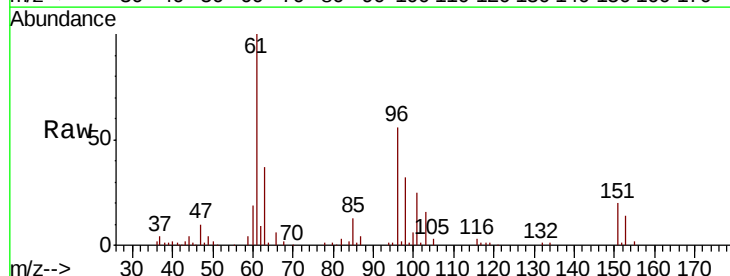
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

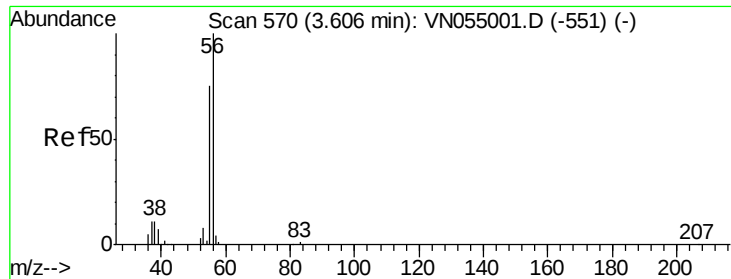
Tot Ion: 59 Resp: 31124
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 96 Resp: 59971
Ion Ratio Lower Upper
96 100
61 179.8 154.2 231.4
98 58.3 52.9 79.3





#13

Acrolein

Concen: 99.229 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

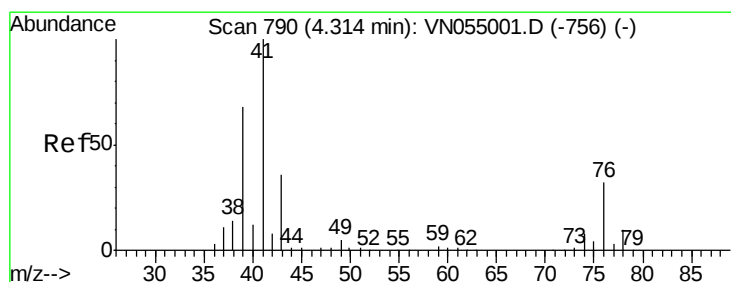
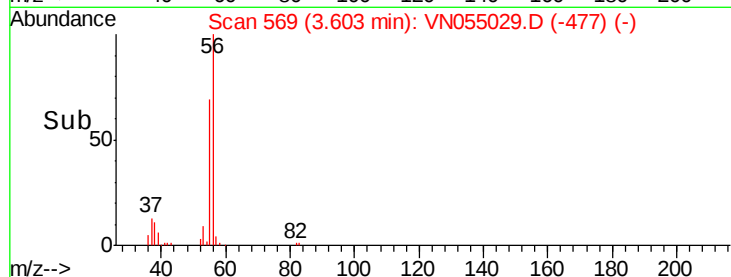
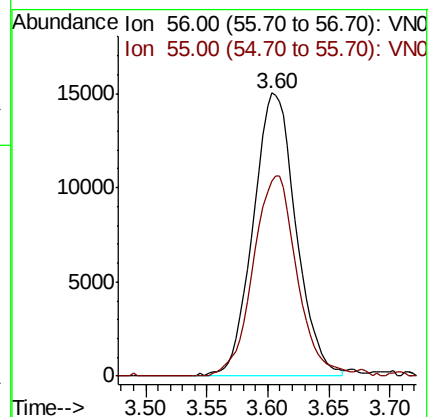
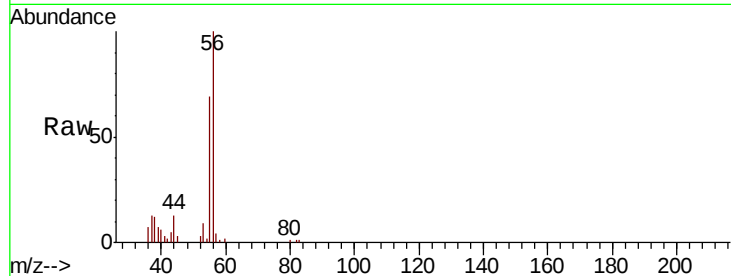
VN0414WBS01

Tot Ion: 56 Resp: 36529

Ion Ratio Lower Upper

56 100

55 72.1 59.5 89.3



#14

Allyl chloride

Concen: 20.154 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

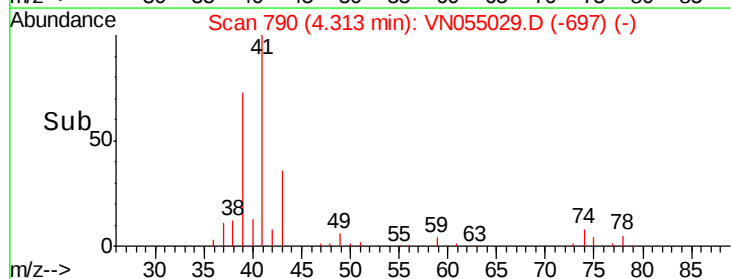
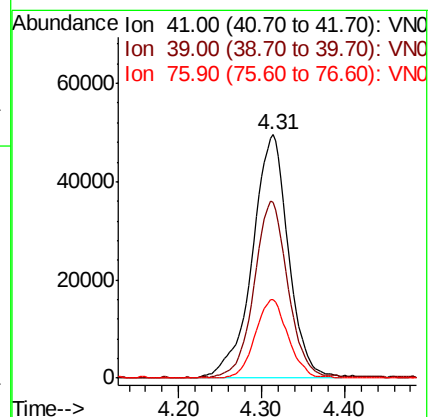
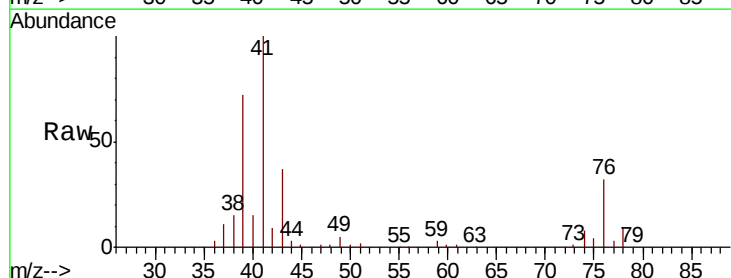
Tgt Ion: 41 Resp: 150367

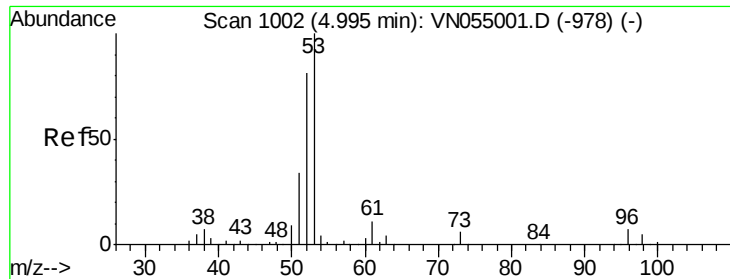
Ion Ratio Lower Upper

41 100

39 66.4 52.7 79.1

76 29.2 23.2 34.8





#15

Acrylonitrile

Concen: 110.351 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

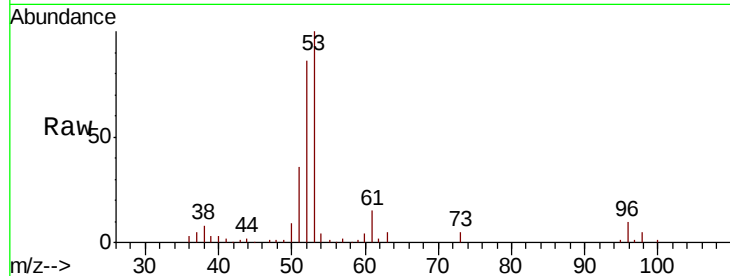
Tot Ion: 53 Resp: 185626

Ion Ratio Lower Upper

53 100

52 82.9 65.9 98.9

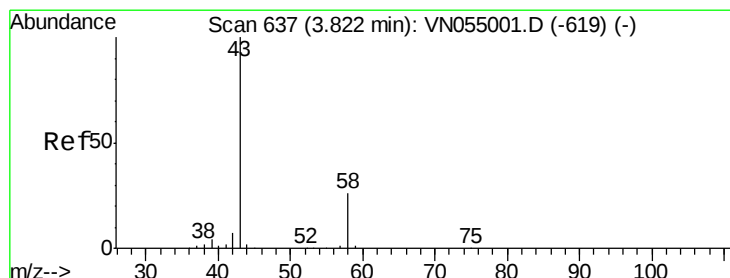
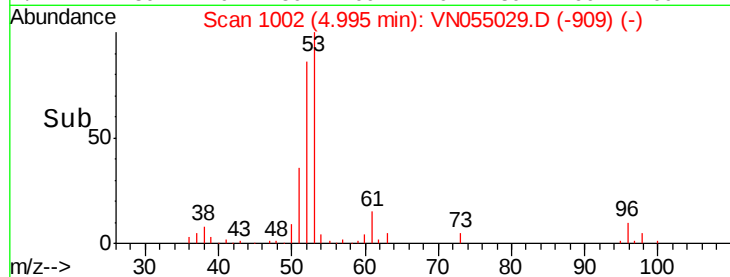
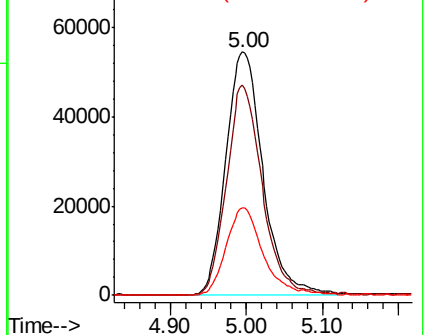
51 35.5 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 92.867 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055029.D

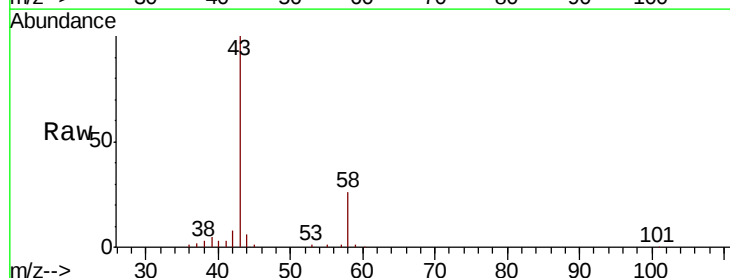
Acq: 13 Apr 2019 15:02

Tgt Ion: 43 Resp: 126442

Ion Ratio Lower Upper

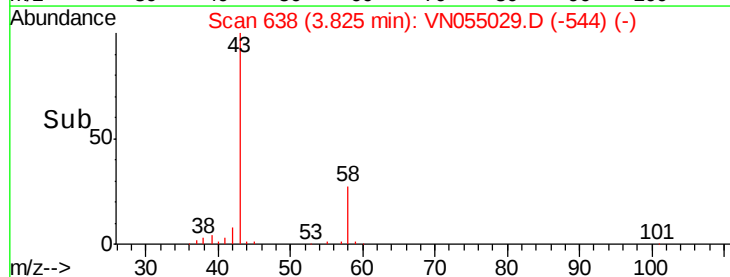
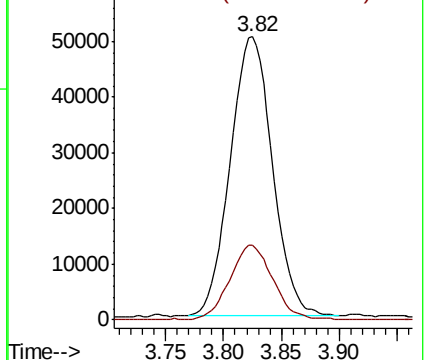
43 100

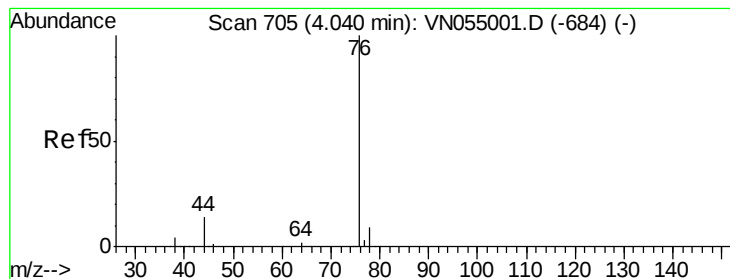
58 26.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.647 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

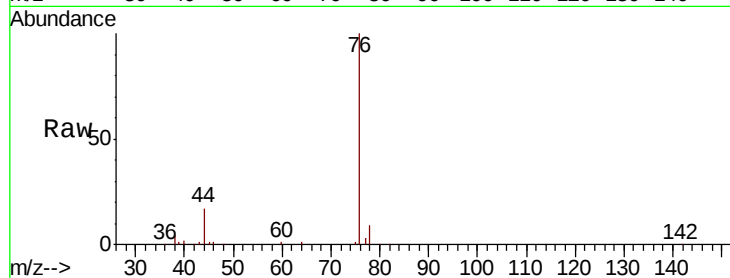
VN0414WBS01

Tot Ion: 76 Resp: 165565

Ion Ratio Lower Upper

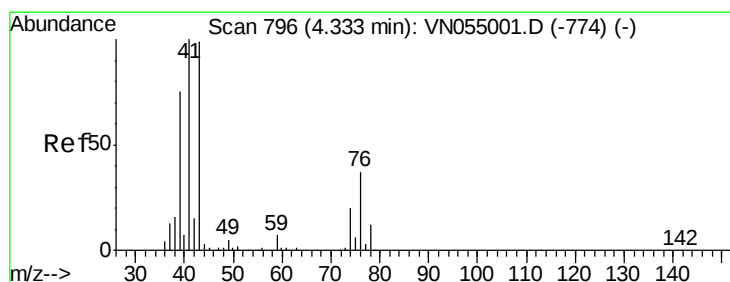
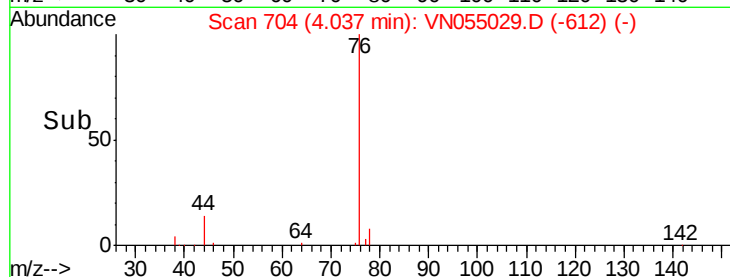
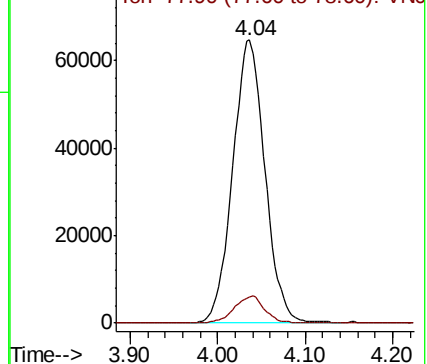
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.053 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN055029.D

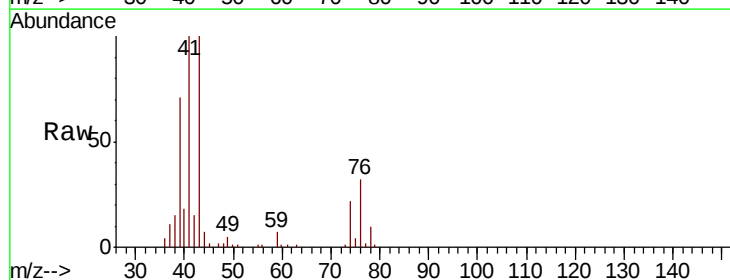
Acq: 13 Apr 2019 15:02

Tgt Ion: 43 Resp: 88854

Ion Ratio Lower Upper

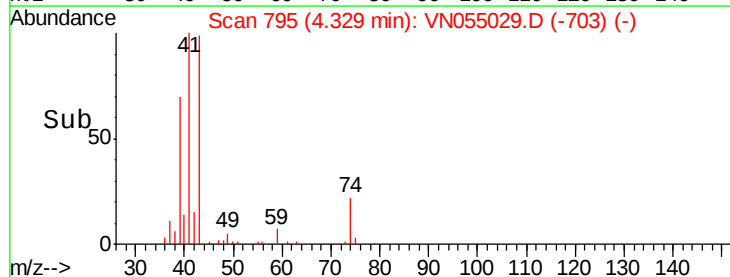
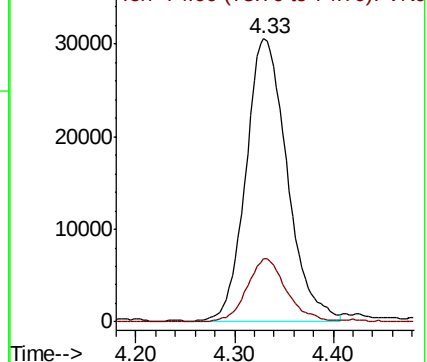
43 100

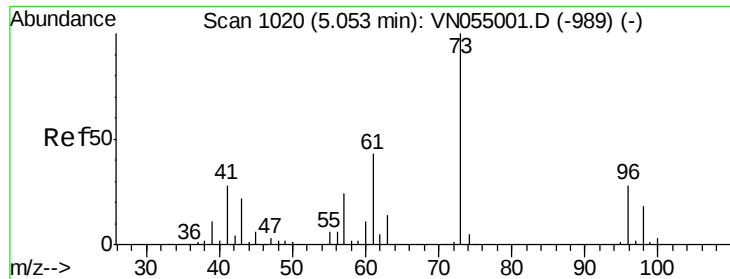
74 21.3 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

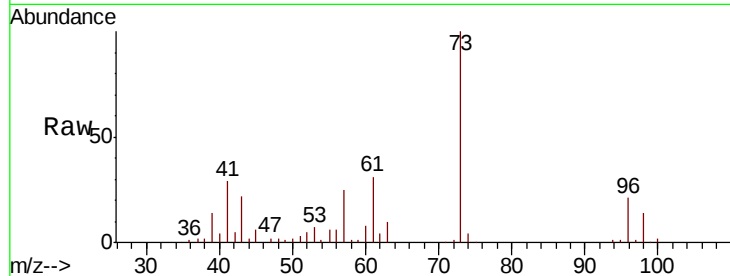




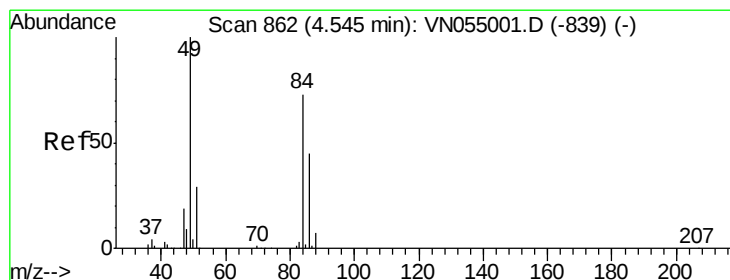
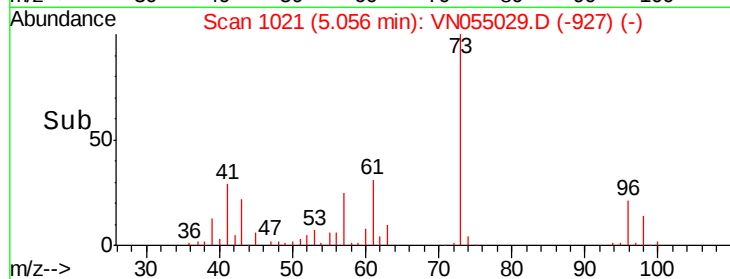
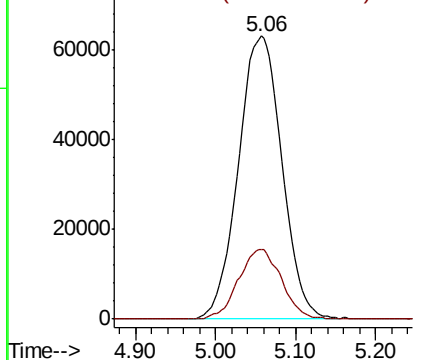
#19
Methyl tert-butyl Ether
Concen: 21.389 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

Tot Ion: 73 Resp: 233353
Ion Ratio Lower Upper
73 100
57 24.8 19.0 28.4

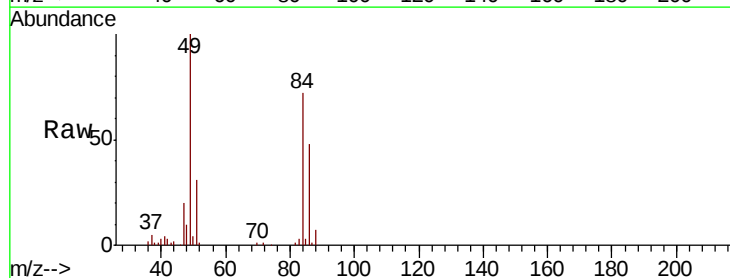


Abundance Ion 73.00 (72.70 to 73.70): VN055001.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN055001.D (-989) (-)

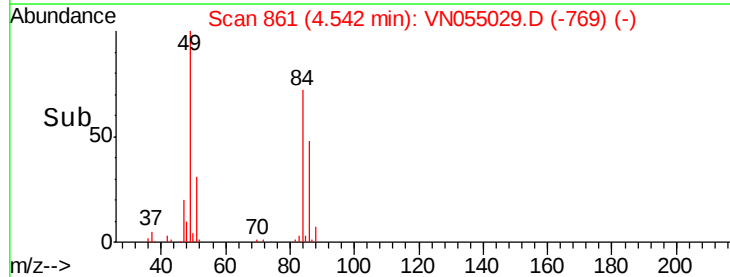
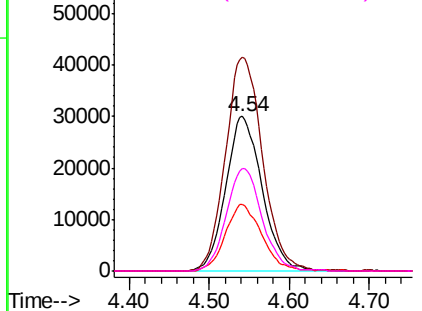


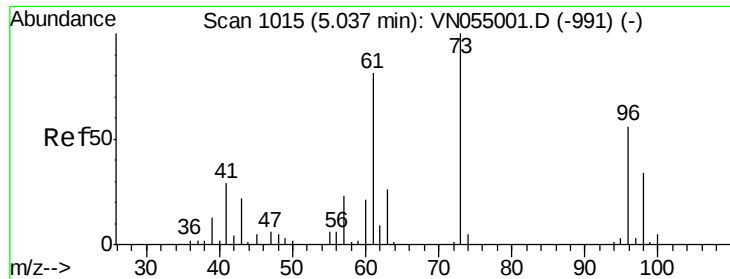
#20
Methylene Chloride
Concen: 20.167 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 84 Resp: 93114
Ion Ratio Lower Upper
84 100
49 138.2 109.4 164.2
51 43.2 32.2 48.4
86 66.3 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VN055001.D (-839) (-)
Ion 48.90 (48.60 to 49.60): VN055001.D (-839) (-)
Ion 50.90 (50.60 to 51.60): VN055001.D (-839) (-)
Ion 85.90 (85.60 to 86.60): VN055001.D (-839) (-)

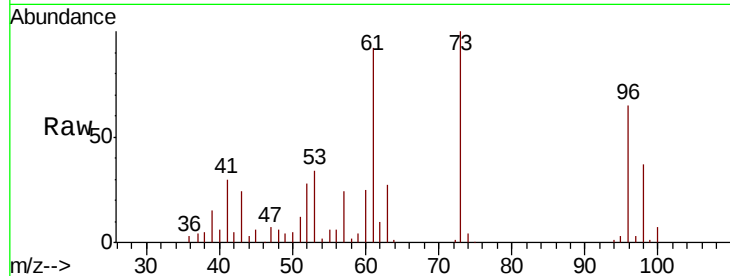




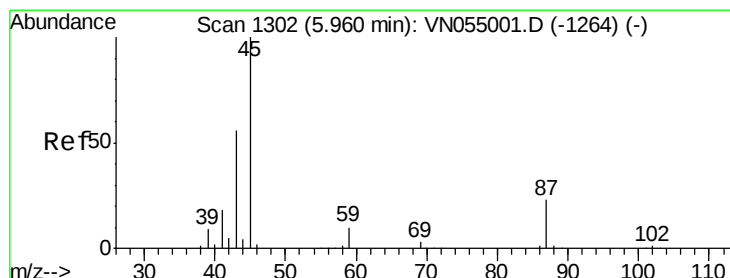
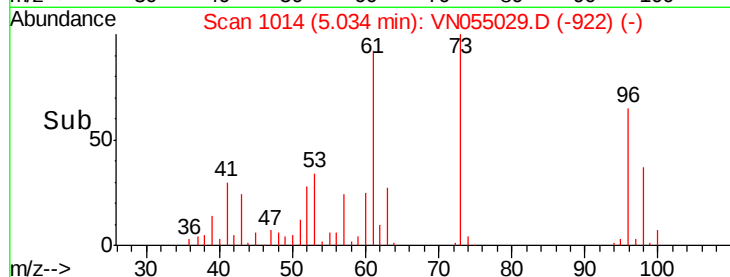
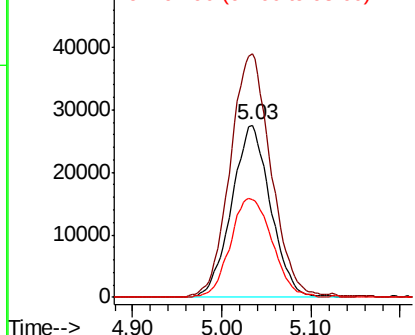
#21
trans-1,2-Dichloroethene
Concen: 20.688 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

Tot Ion: 96 Resp: 83220
Ion Ratio Lower Upper
96 100
61 140.3 114.9 172.3
98 56.6 48.4 72.6

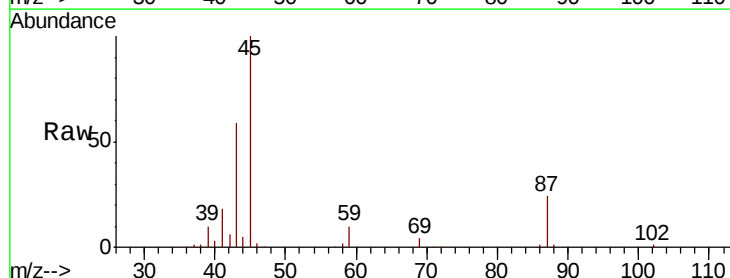


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

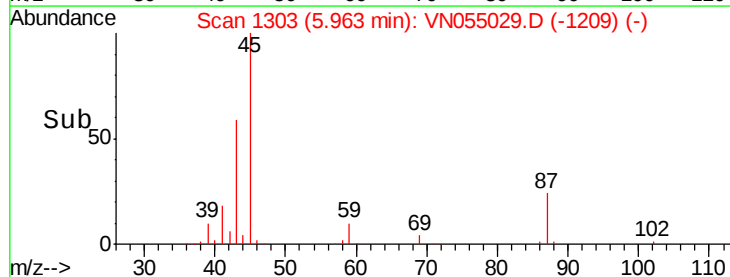
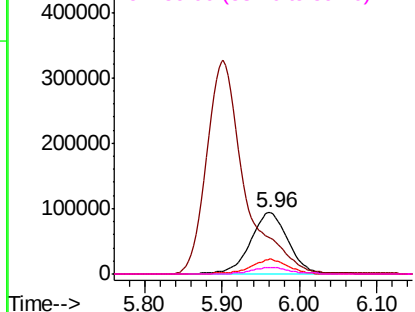


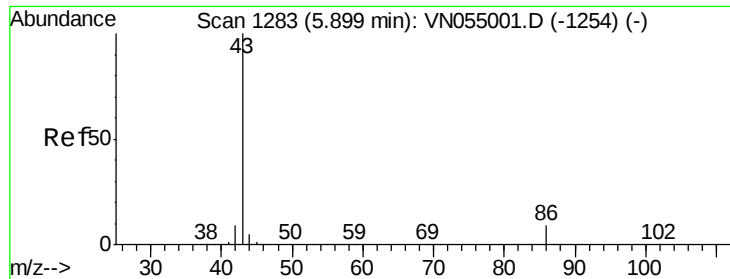
#22
Diisopropyl ether
Concen: 20.922 ug/l
RT: 5.96 min Scan# 1303
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 45 Resp: 316483
Ion Ratio Lower Upper
45 100
43 56.9 44.8 67.2
87 23.9 18.9 28.3
59 9.7 7.9 11.9



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: 106.043 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

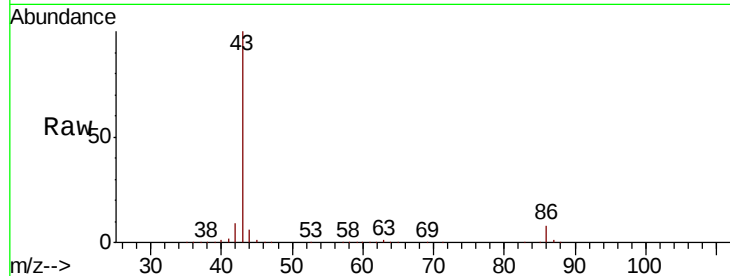
VN0414WBS01

Tot Ion: 43 Resp: 1121964

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN055001.D (-1254) (-)

5.90

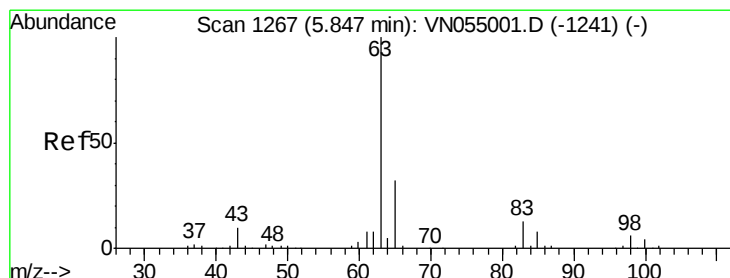
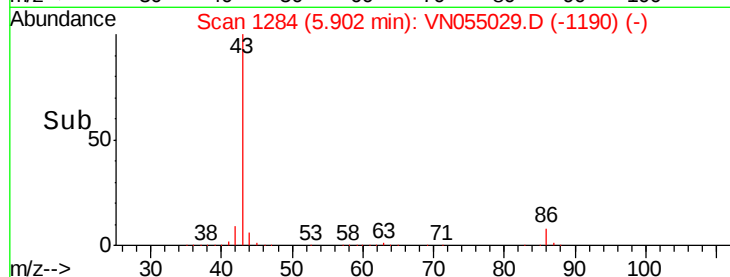
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.532 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

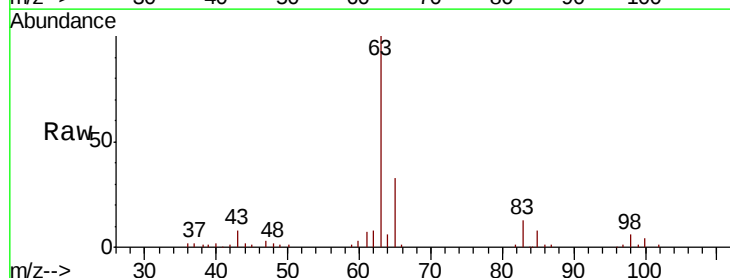
Tgt Ion: 63 Resp: 167745

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN055001.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055001.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055001.D (-1241) (-)

5.85

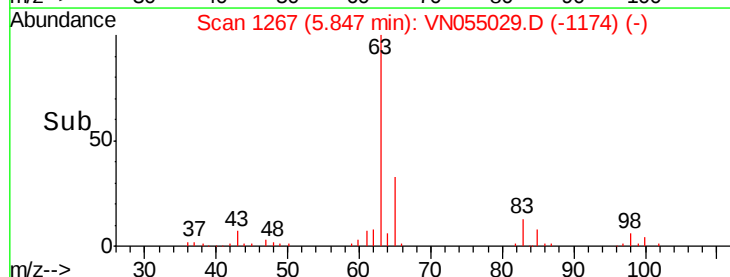
60000

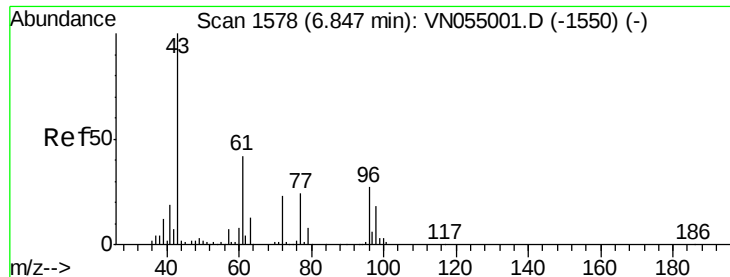
40000

20000

0

Time--> 5.70 5.80 5.90

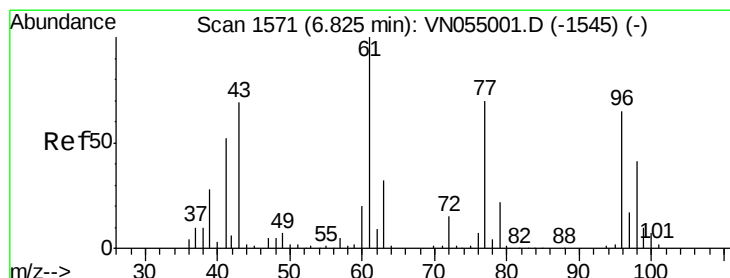
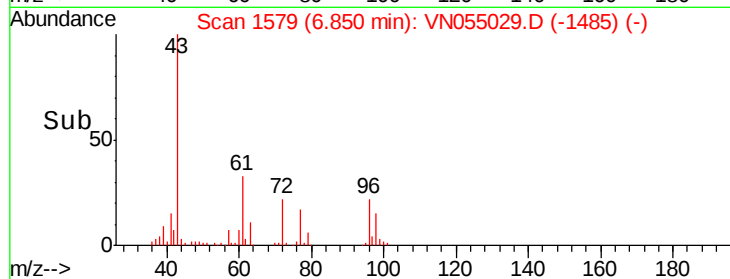
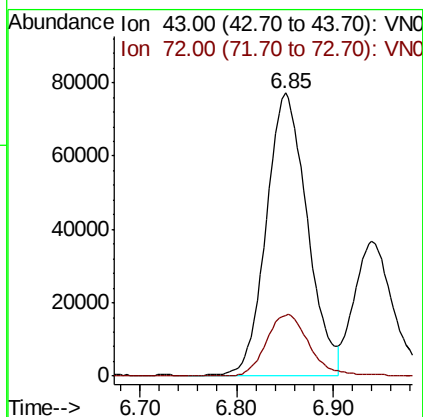
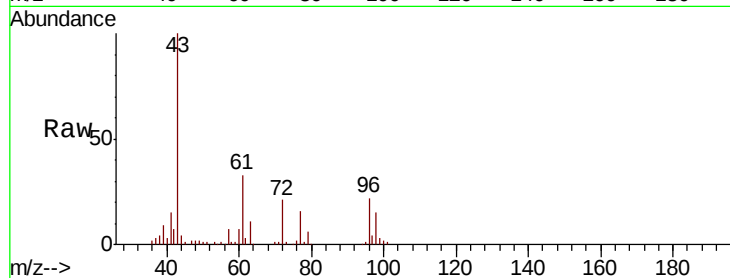




#25
2-Butanone
Concen: 108.734 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

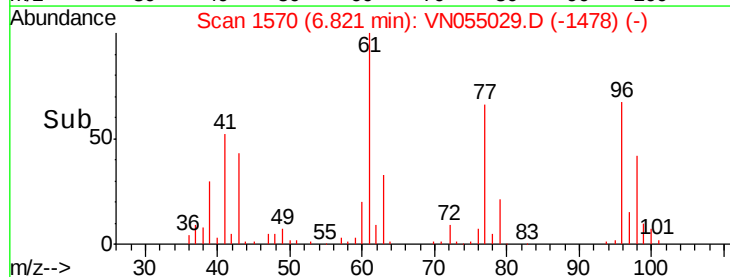
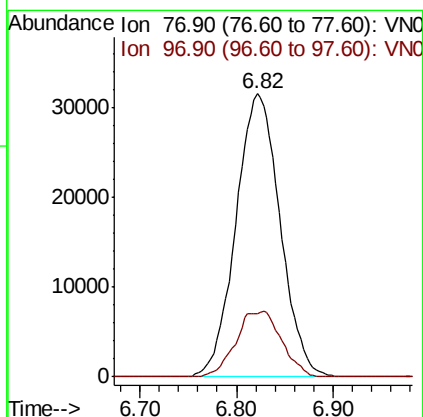
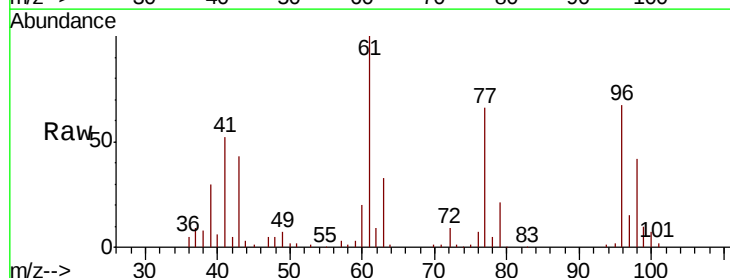
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

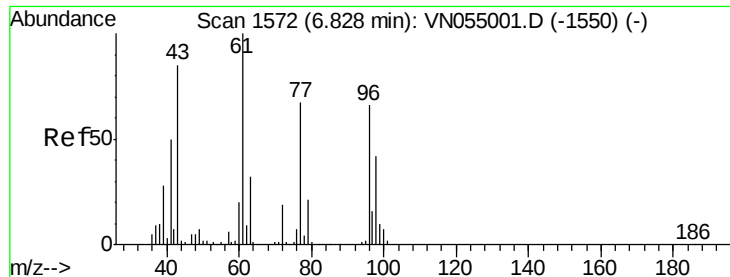
Tot Ion: 43 Resp: 228012
Ion Ratio Lower Upper
43 100
72 21.4 18.1 27.1



#26
2,2-Dichloropropane
Concen: 18.500 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 77 Resp: 99996
Ion Ratio Lower Upper
77 100
97 12.0 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.560 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

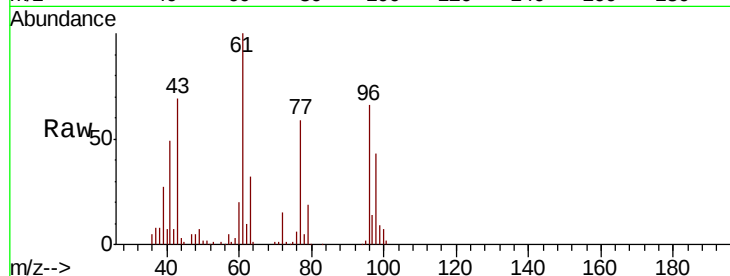
Tot Ion: 96 Resp: 96077

Ion Ratio Lower Upper

96 100

61 154.2 0.0 311.0

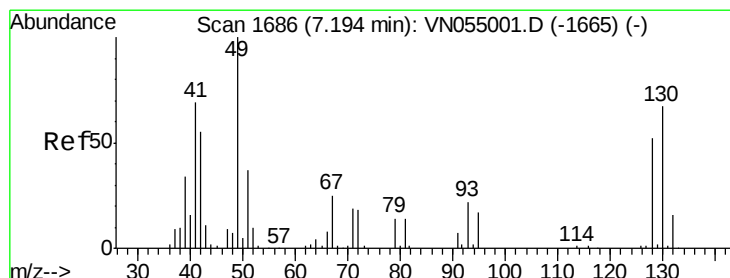
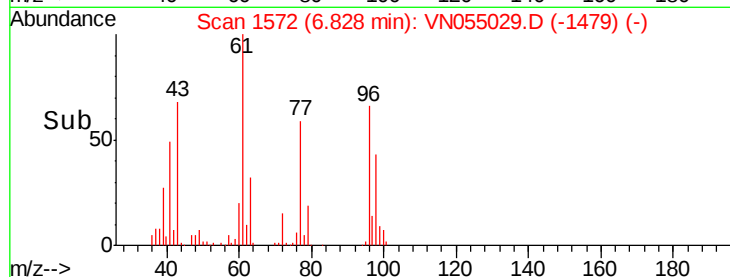
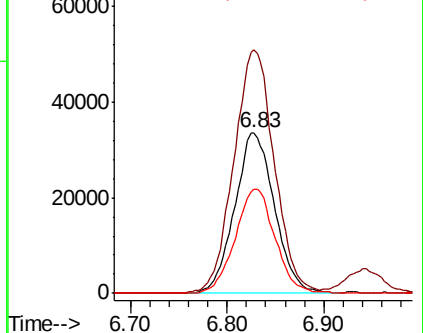
98 65.0 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.318 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

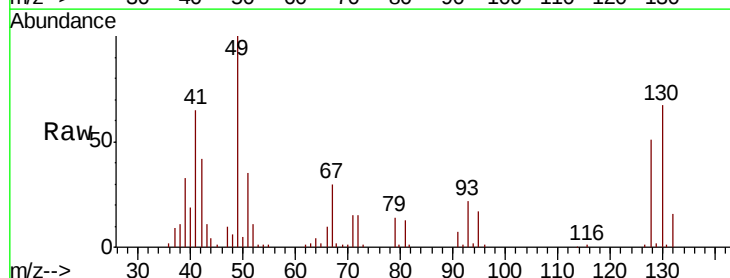
Tgt Ion: 49 Resp: 82635

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.0

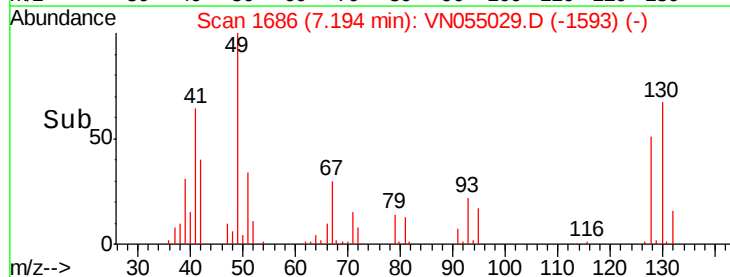
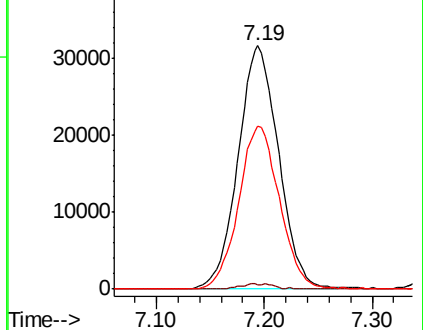
130 67.2 53.4 80.2

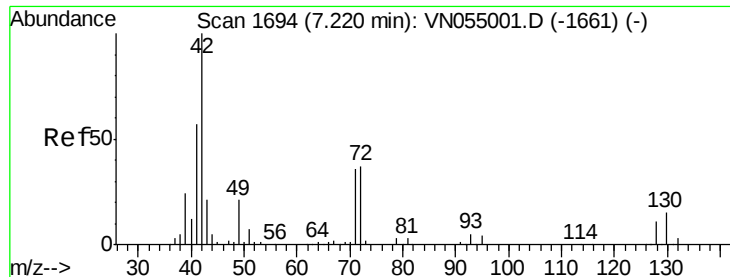


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

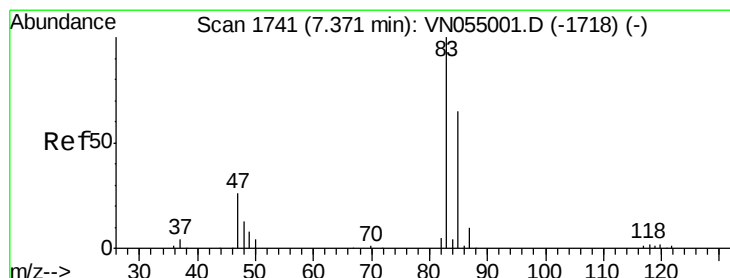
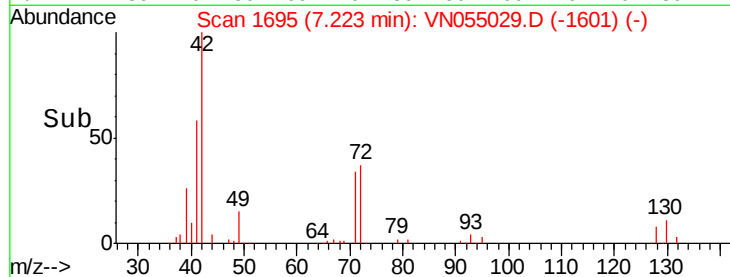
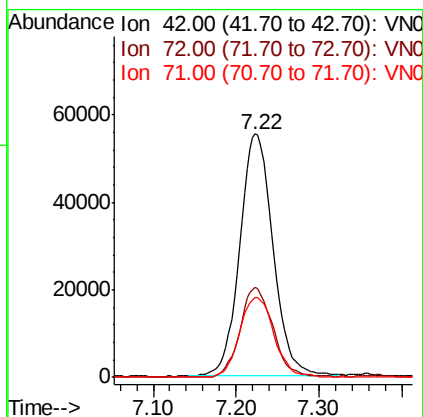
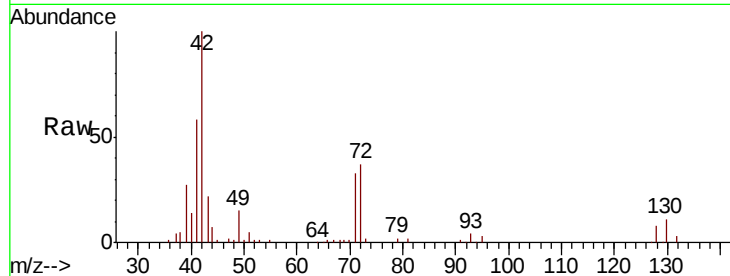




#29
Tetrahydrofuran
Concen: 112.558 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

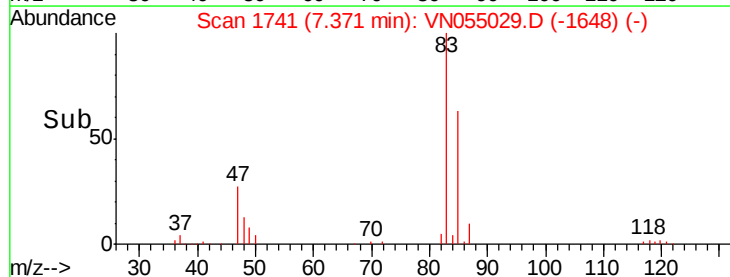
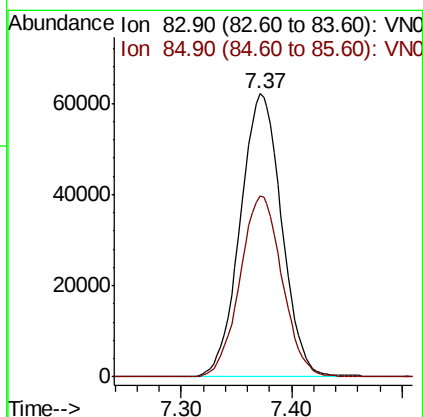
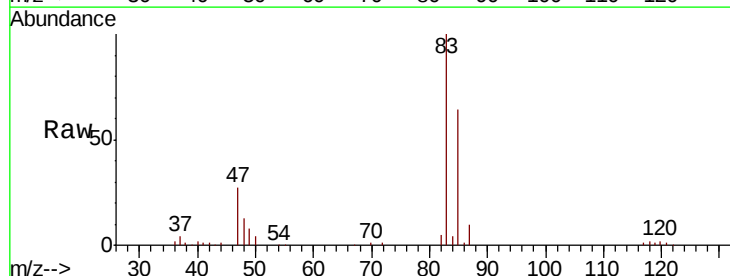
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

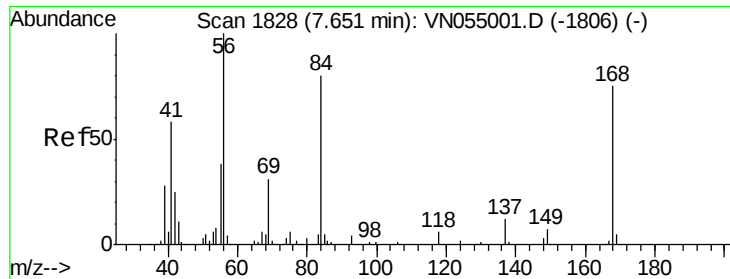
Tot Ion: 42 Resp: 154728
Ion Ratio Lower Upper
42 100
72 37.1 29.4 44.0
71 34.1 27.8 41.6



#30
Chloroform
Concen: 20.735 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 83 Resp: 161539
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6

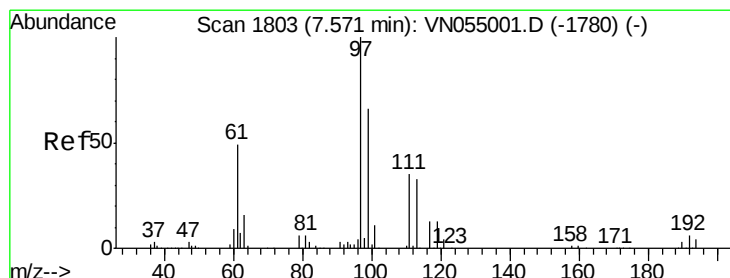
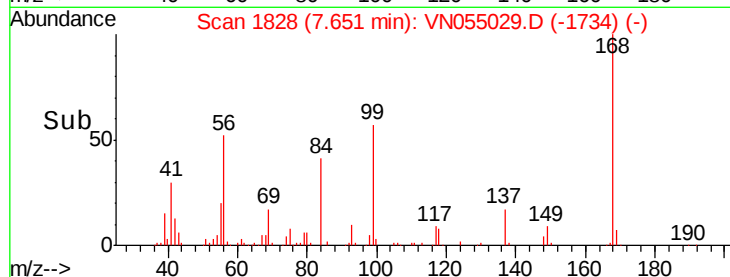
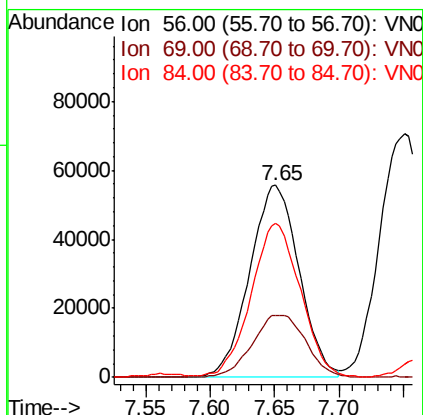
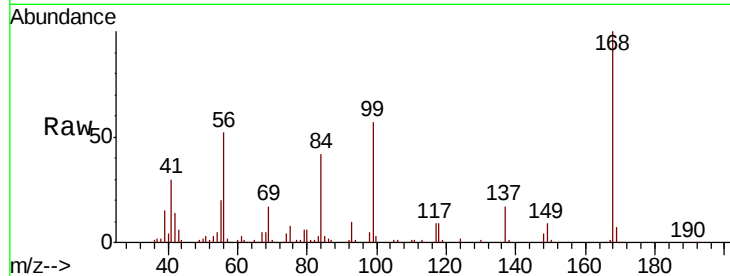




#31
Cyclohexane
Concen: 18.818 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

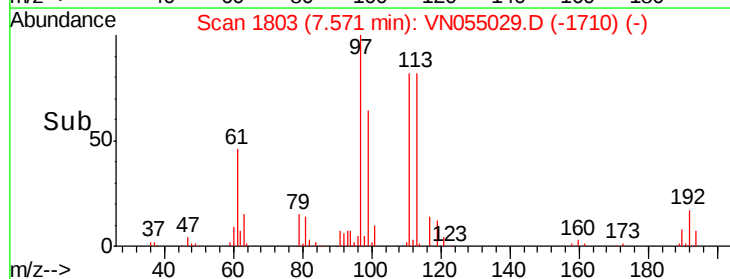
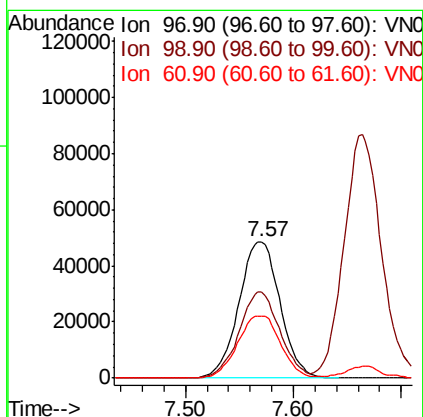
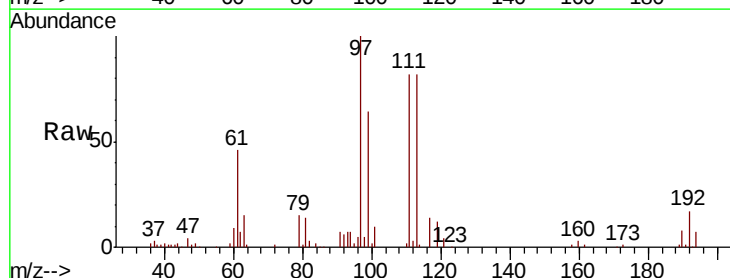
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

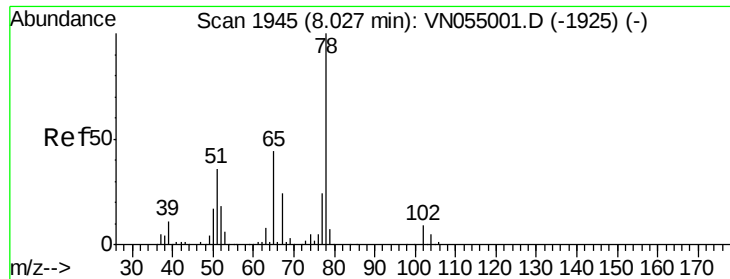
Tot Ion: 56 Resp: 148662
Ion Ratio Lower Upper
56 100
69 32.4 24.5 36.7
84 79.2 62.9 94.3



#32
1,1,1-Trichloroethane
Concen: 20.772 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 97 Resp: 128922
Ion Ratio Lower Upper
97 100
99 62.7 51.6 77.4
61 47.6 38.3 57.5

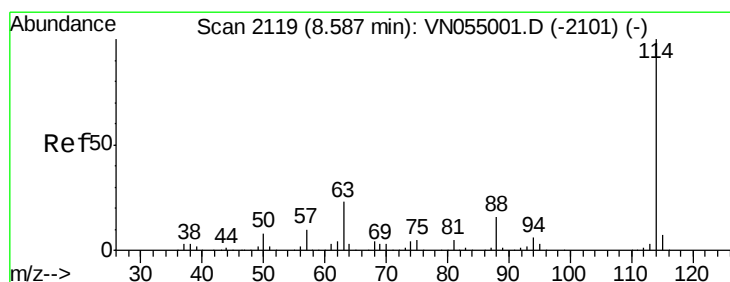
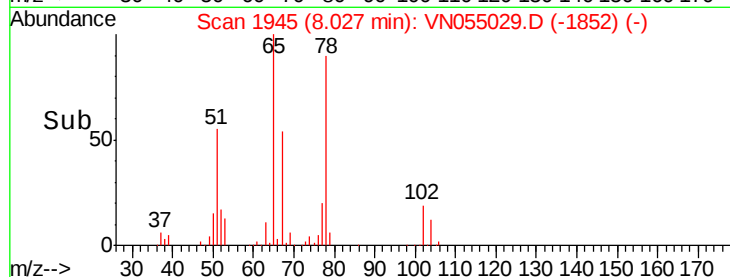
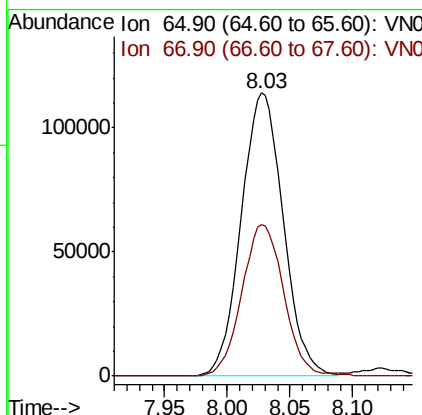
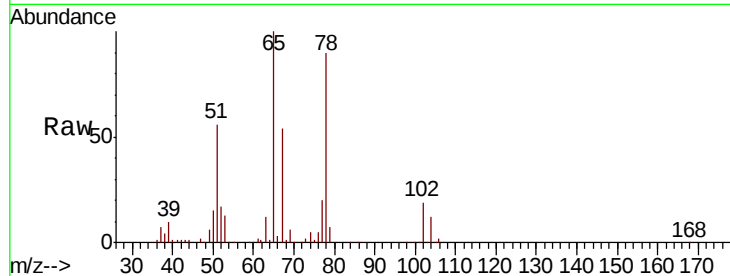




#33
 1,2-Dichloroethane-d4
 Concen: 53.686 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

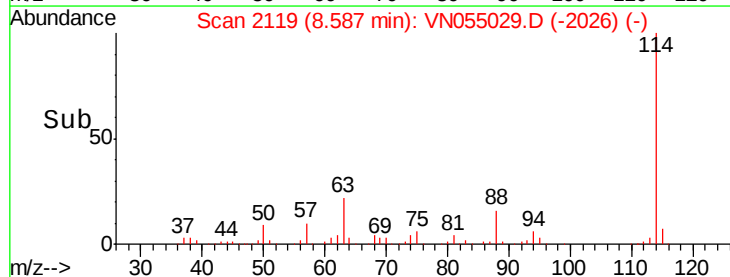
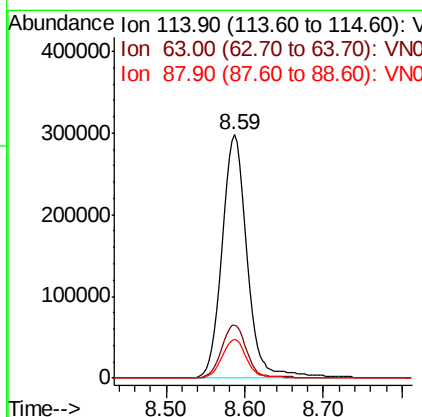
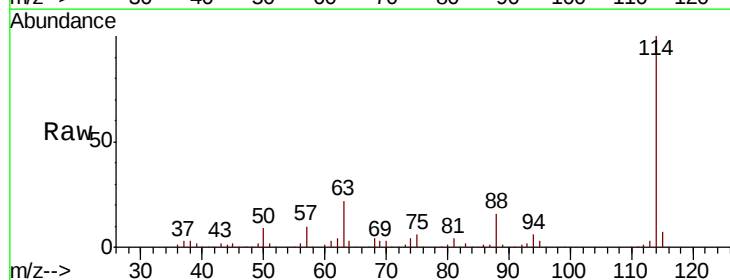
Instrument :
 MSVOA_N
 ClientSampled :
 VN0414WBS01

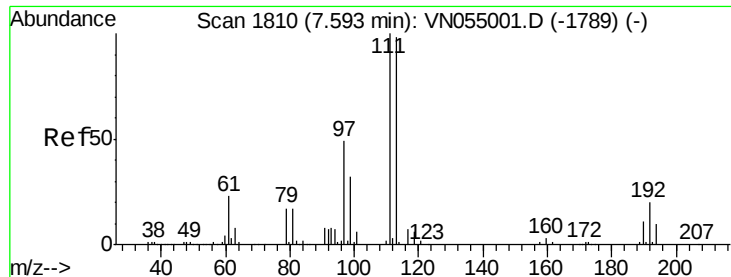
Tot Ion: 65 Resp: 266079
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

Tgt Ion: 114 Resp: 655579
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.2
 88 16.0 0.0 31.8

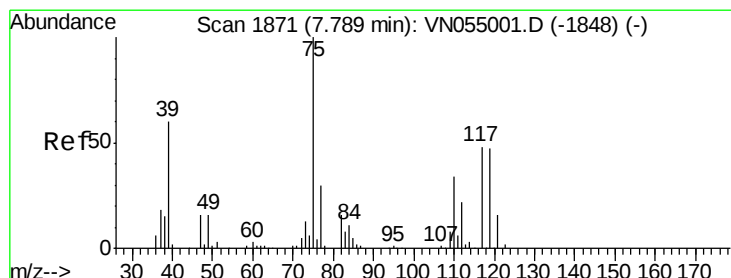
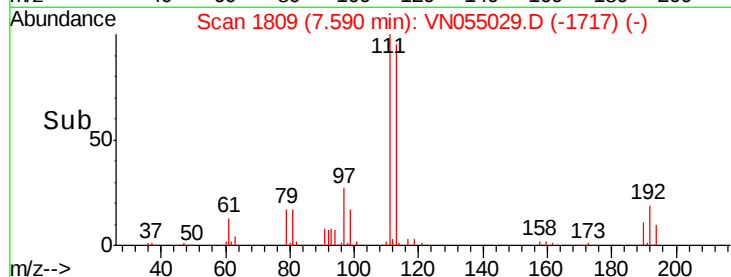
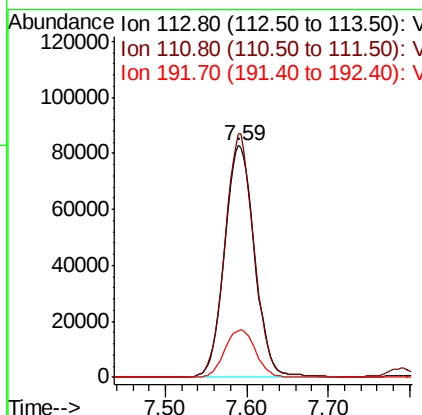
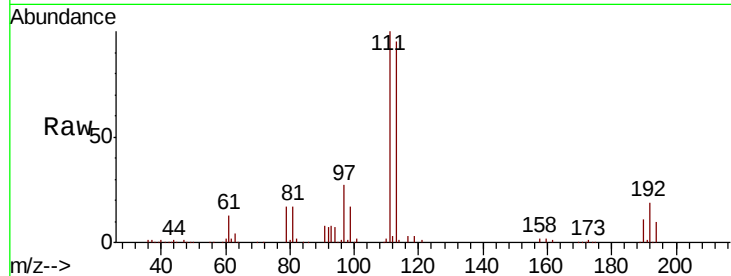




#35
Dibromofluoromethane
Concen: 51.124 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

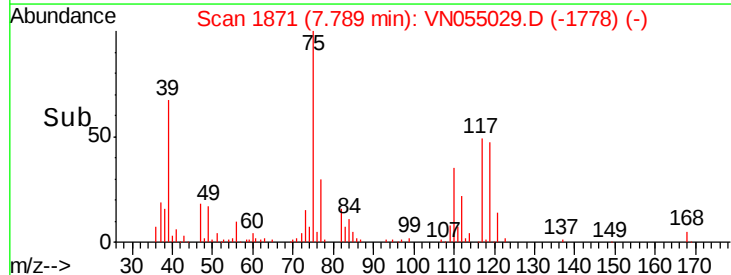
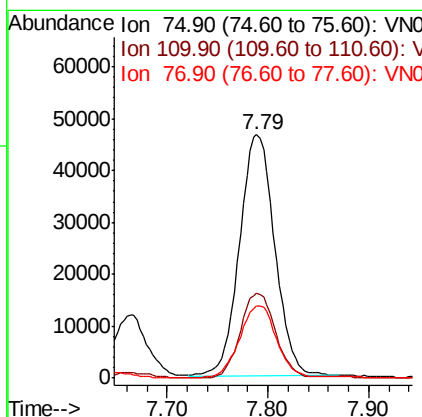
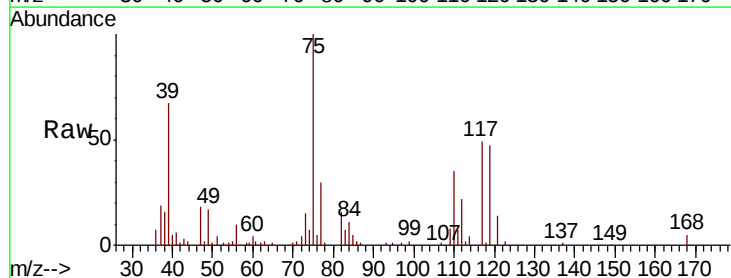
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

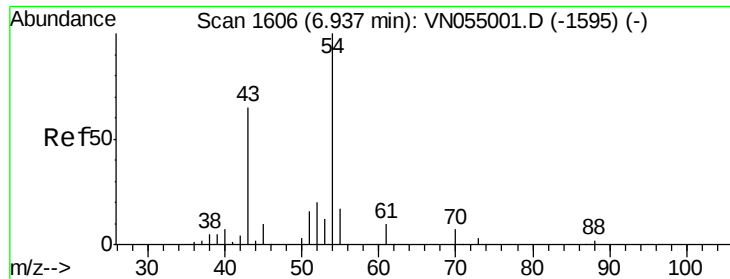
Tot Ion:113 Resp: 213652
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.1 16.5 24.7



#36
1,1-Dichloropropene
Concen: 18.690 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 75 Resp: 113238
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 31.7 24.9 37.3

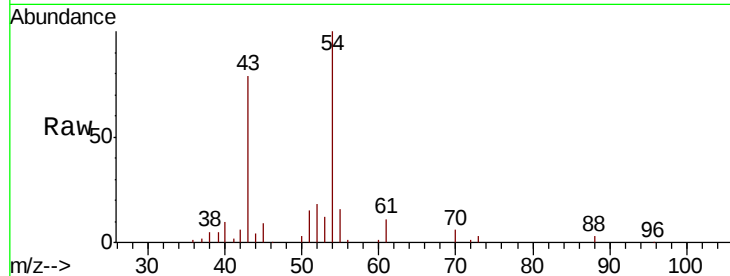




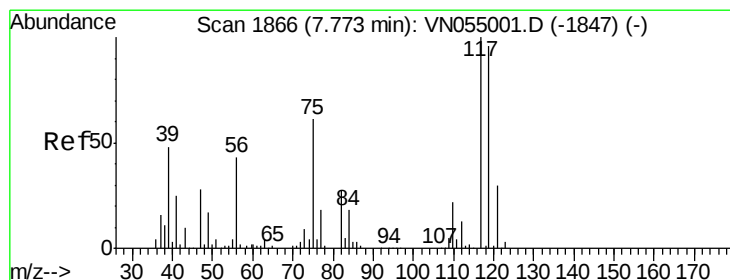
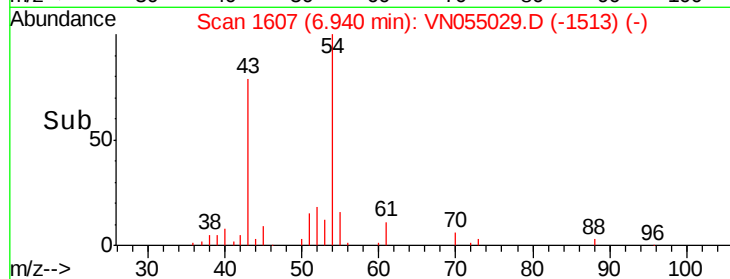
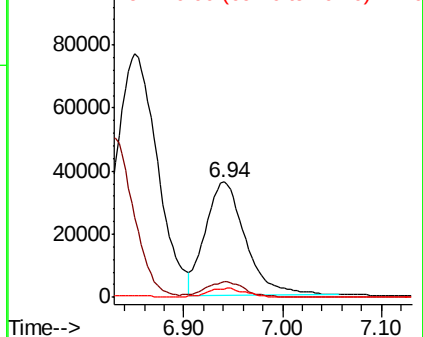
#37
Ethyl Acetate
Concen: 22.723 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

Tot Ion: 43 Resp: 103355
Ion Ratio Lower Upper
43 100
61 13.6 10.0 15.0
70 7.6 7.1 10.7

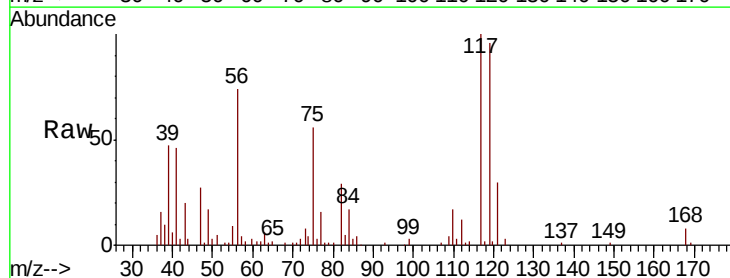


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

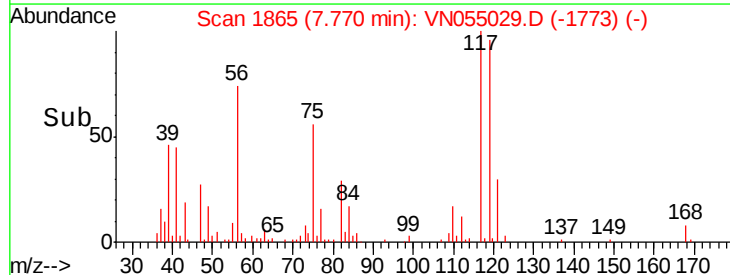
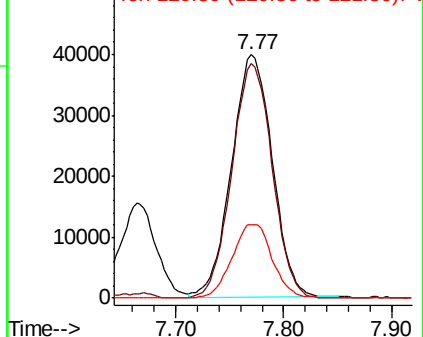


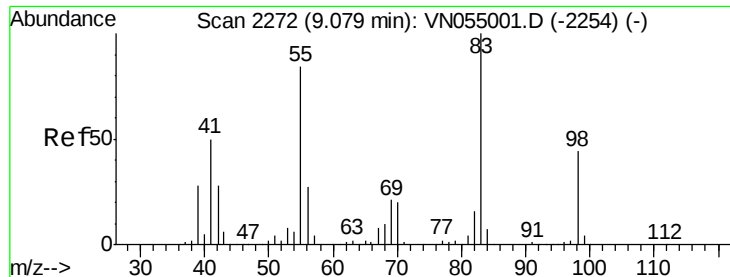
#38
Carbon Tetrachloride
Concen: 18.371 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 117 Resp: 104772
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
121 30.3 23.9 35.9



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

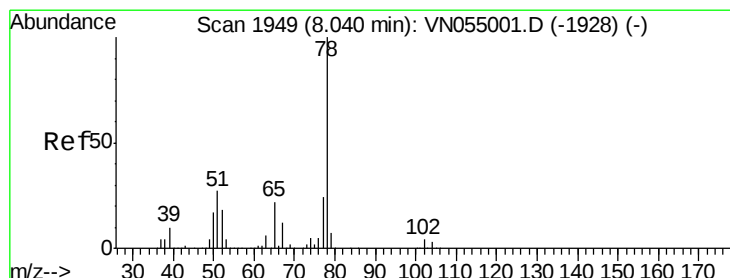
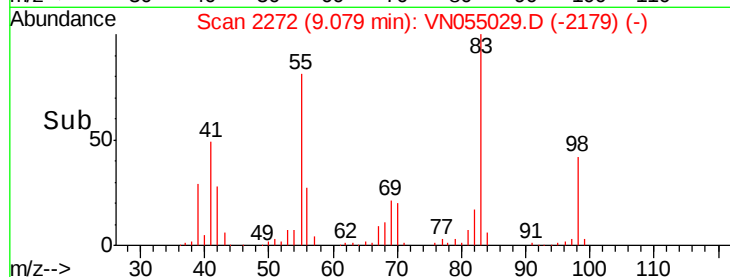
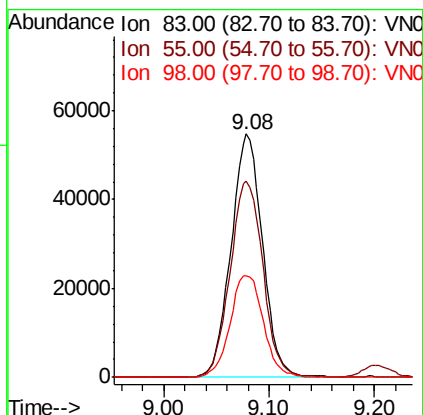
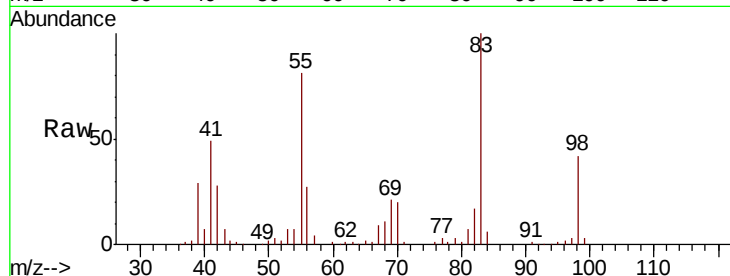




#39
Methvlcvclohexane
Concen: 16.353 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

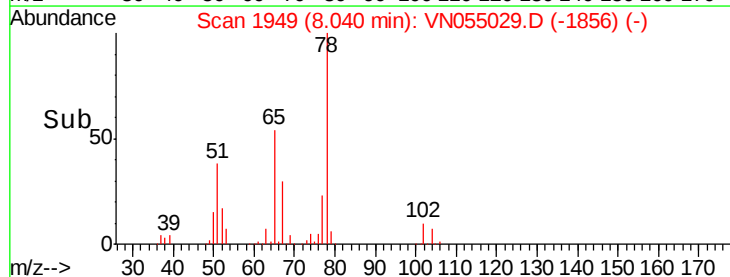
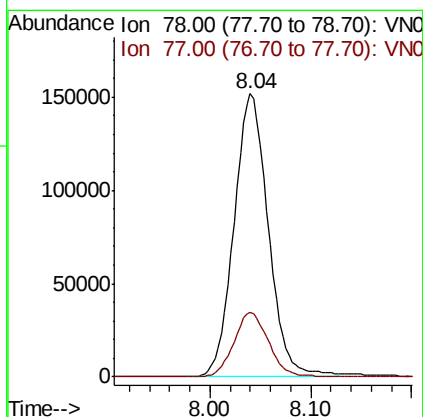
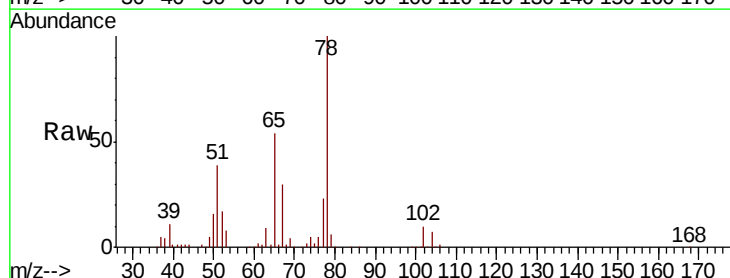
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

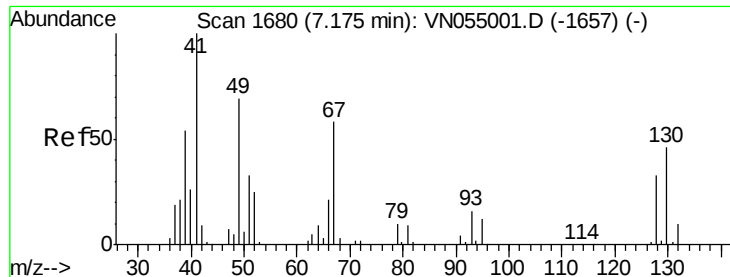
Tot Ion: 83 Resp: 113430
Ion Ratio Lower Upper
83 100
55 80.8 67.0 100.4
98 41.9 35.6 53.4



#40
Benzene
Concen: 19.576 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 78 Resp: 358598
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

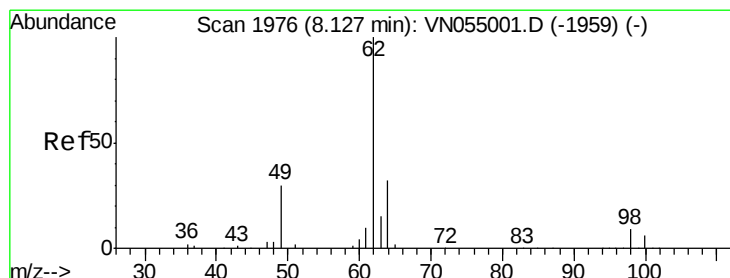
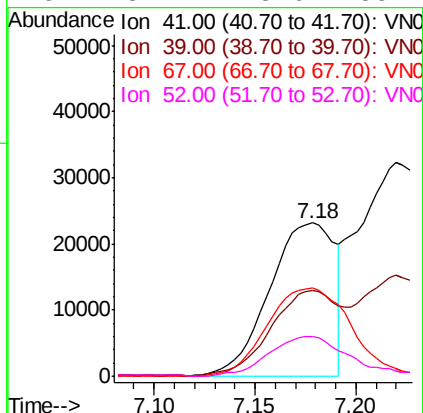
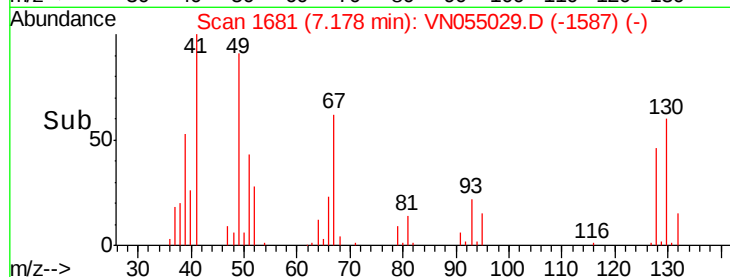
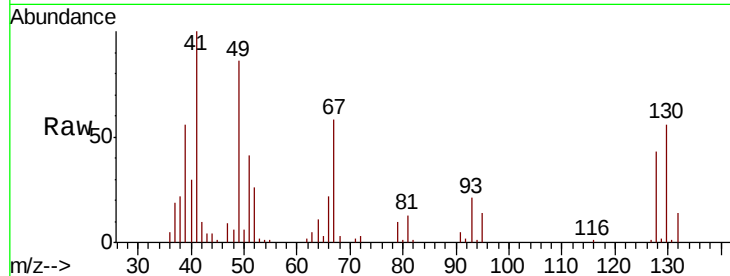




#41
Methacrylonitrile
Concen: 18.667 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

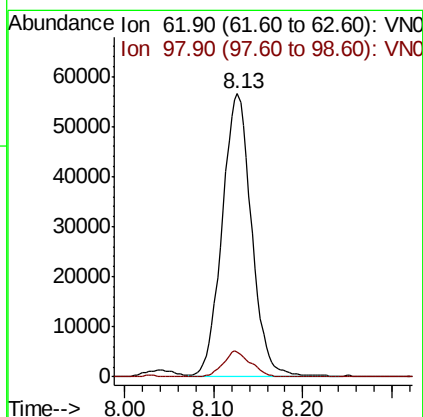
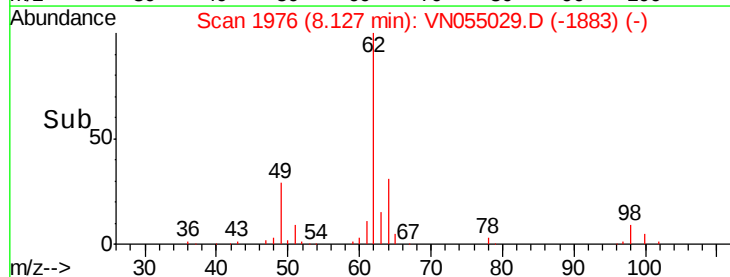
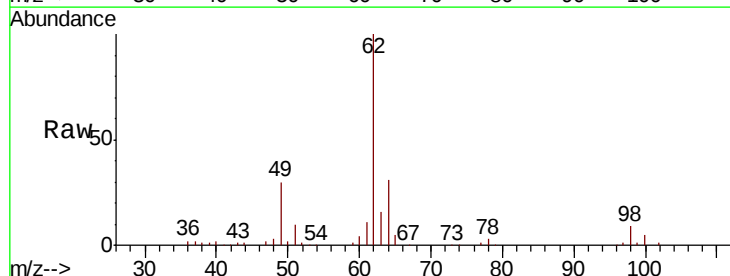
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

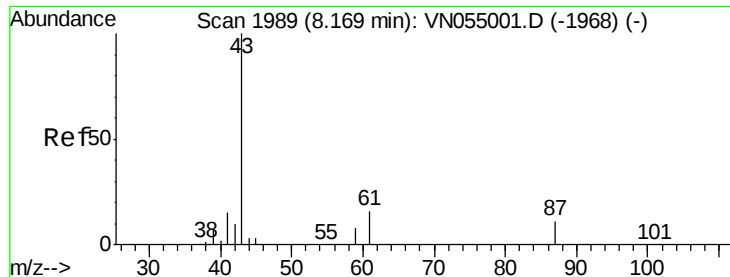
Tot Ion:	41	Resp:	52245
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.6	68.4
67	73.6	57.0	85.6
52	32.4	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.928 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion:	62	Resp:	128415
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4





#43

Isopropyl Acetate

Concen: 20.637 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

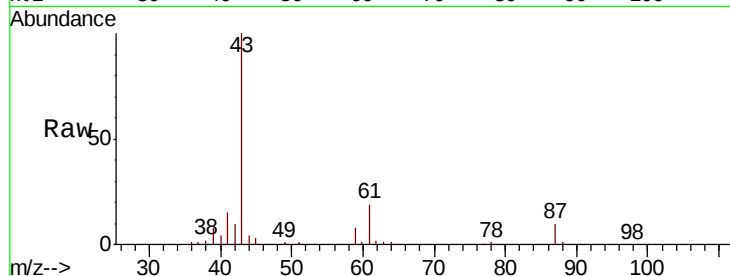
Tot Ion: 43 Resp: 160504

Ion Ratio Lower Upper

43 100

61 18.9 14.3 21.5

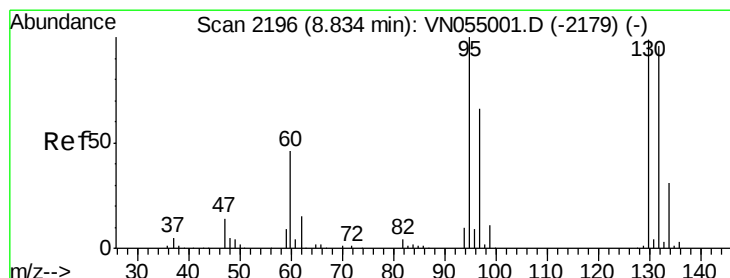
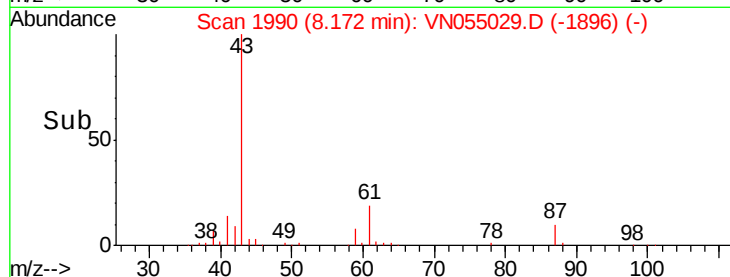
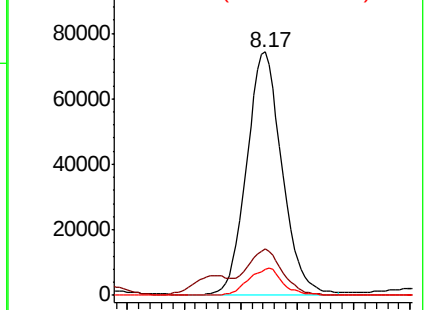
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055001.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055001.D (-1968) (-)



#44

Trichloroethene

Concen: 19.347 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055029.D

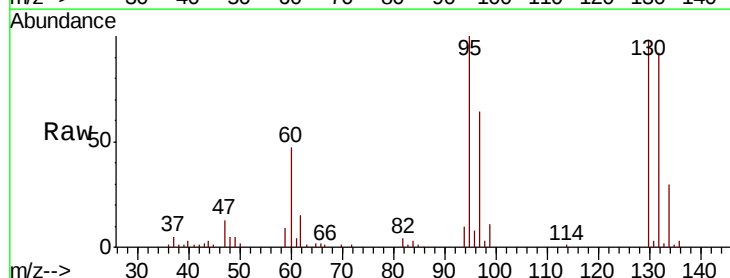
Acq: 13 Apr 2019 15:02

Tgt Ion:130 Resp: 90571

Ion Ratio Lower Upper

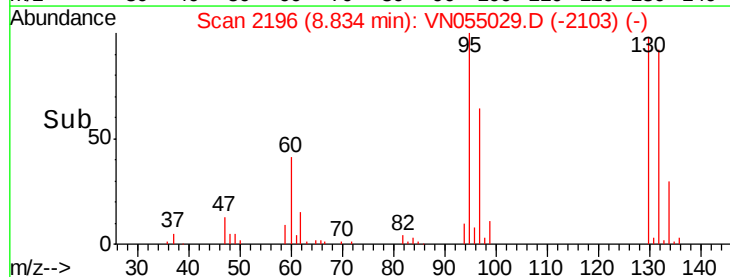
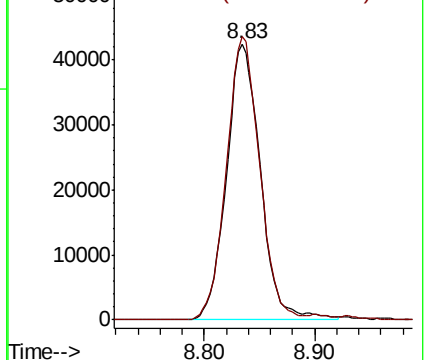
130 100

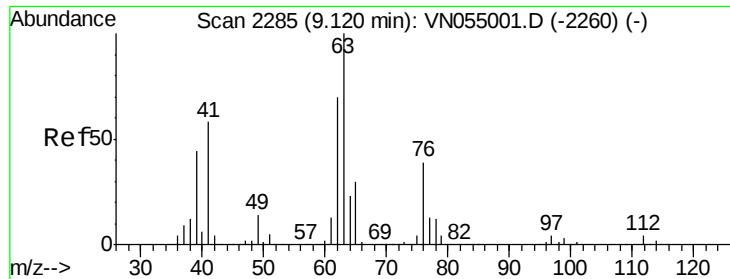
95 102.5 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055001.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055001.D (-2179) (-)

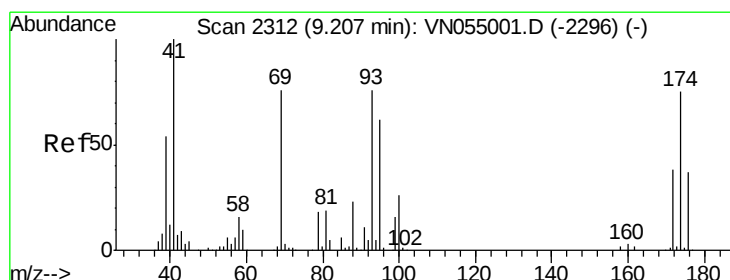
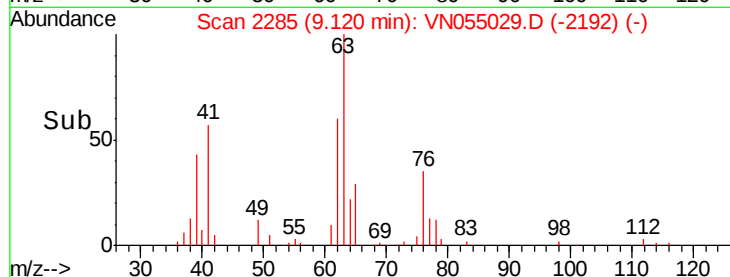
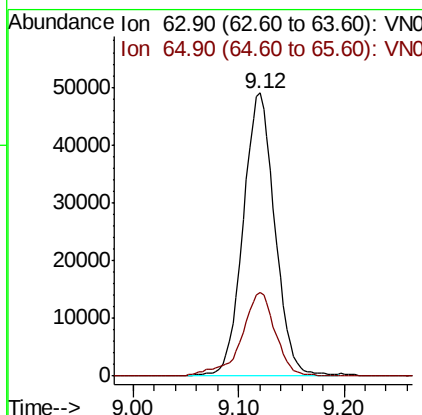
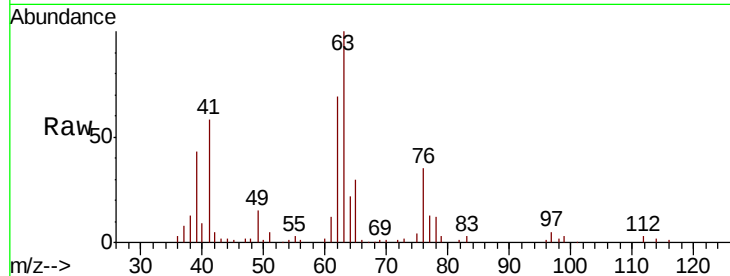




#45
 1,2-Dichloropropane
 Concen: 19.861 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

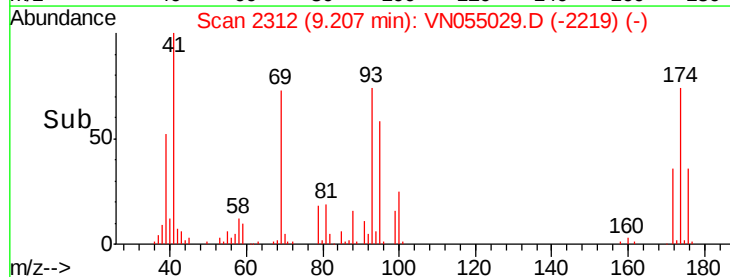
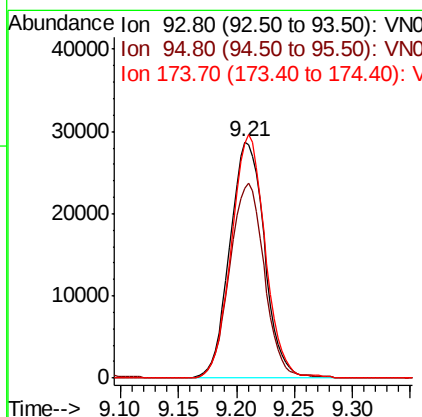
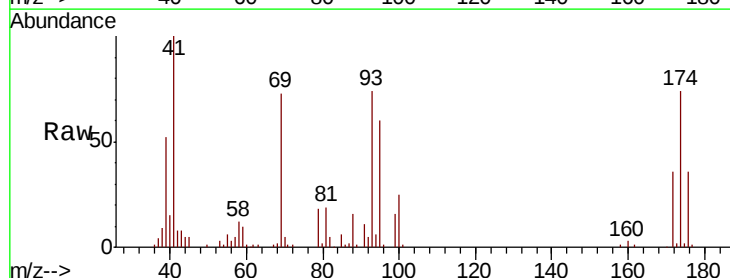
Instrument :
 MSVOA_N
 ClientSampled :
 VN0414WBS01

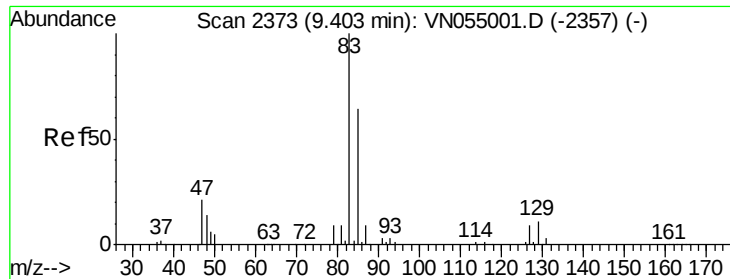
Tot Ion: 63 Resp: 102666
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.4 36.6



#46
 Dibromomethane
 Concen: 20.121 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

Tgt Ion: 93 Resp: 59597
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.0 97.6
 174 99.8 81.0 121.6





#47

Bromodichloromethane

Concen: 19.099 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

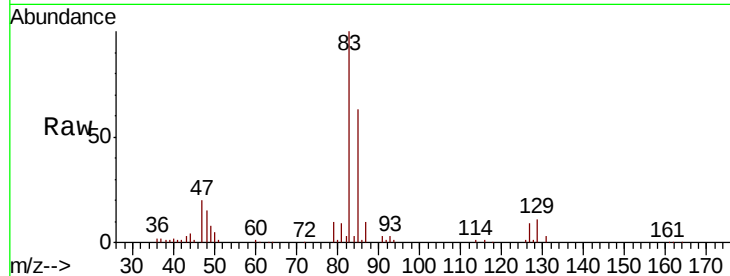
Tot Ion: 83 Resp: 115039

Ion Ratio Lower Upper

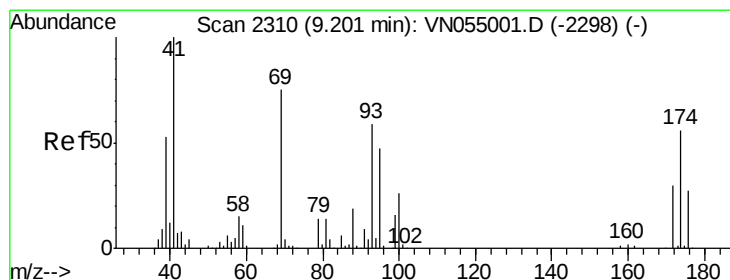
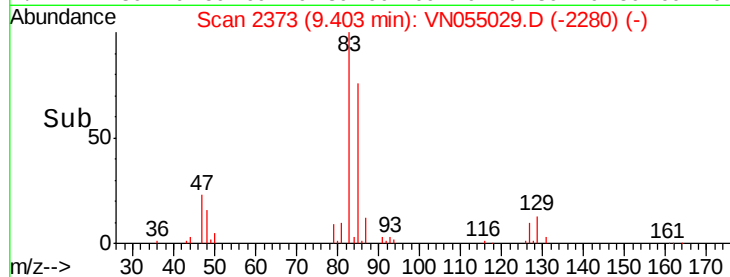
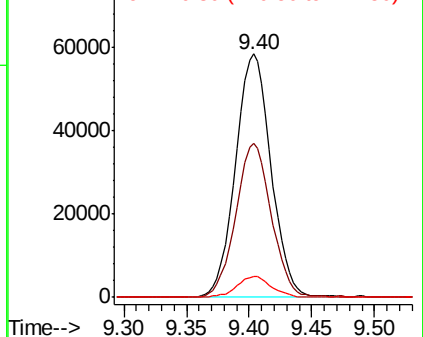
83 100

85 63.3 51.2 76.8

127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.830 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

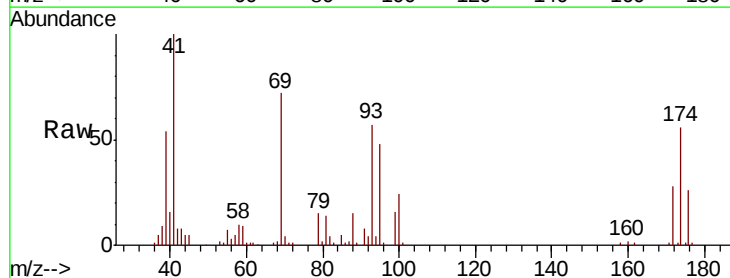
Tgt Ion: 41 Resp: 79449

Ion Ratio Lower Upper

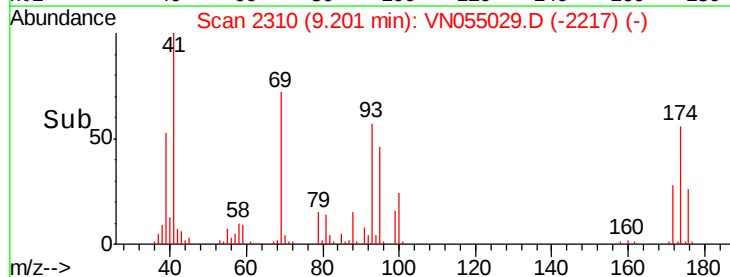
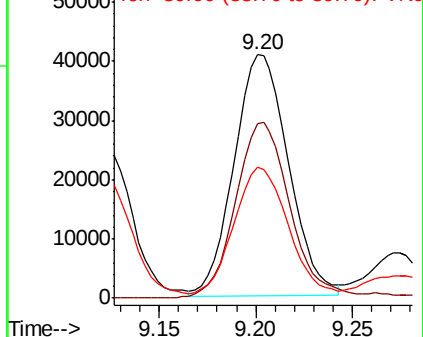
41 100

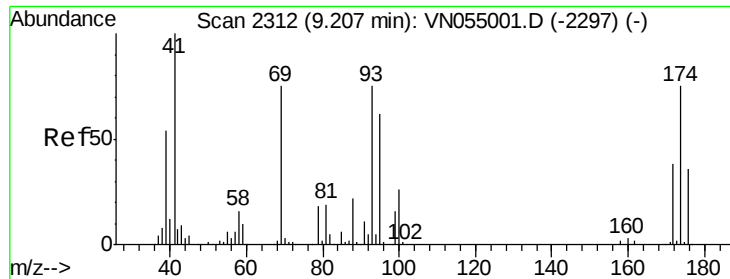
69 73.1 60.5 90.7

39 53.2 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 319.831 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

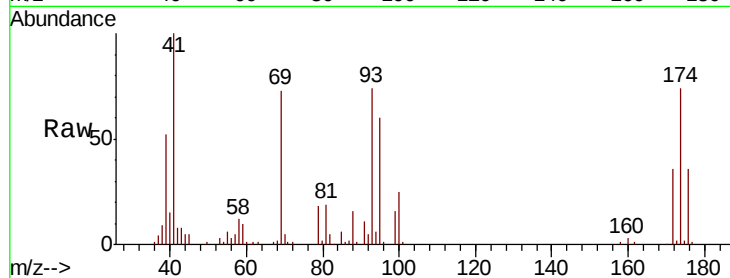
Tot Ion: 88 Resp: 13781

Ion Ratio Lower Upper

88 100

43 40.0 31.8 47.8

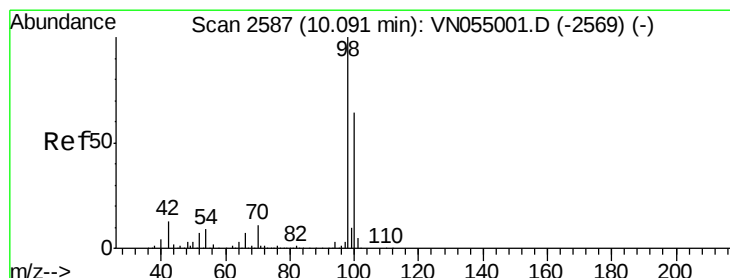
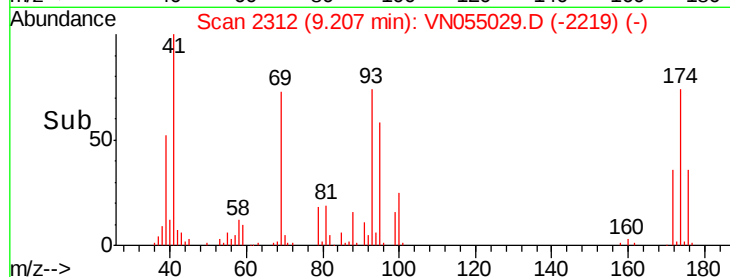
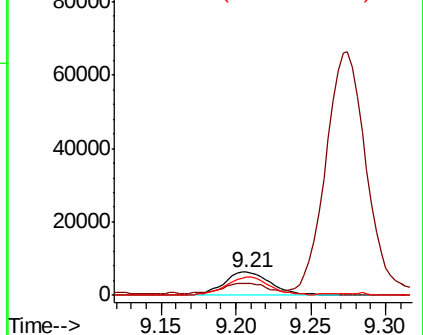
58 74.0 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN055001.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN055001.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2297) (-)



#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055029.D

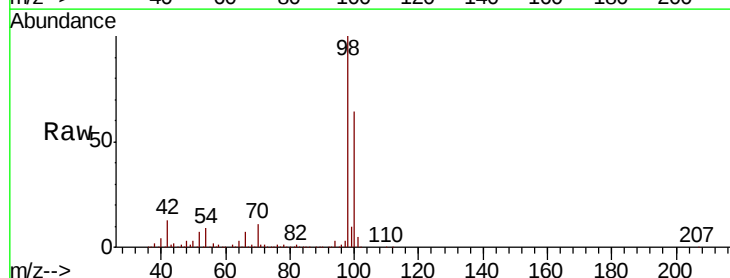
Acq: 13 Apr 2019 15:02

Tgt Ion: 98 Resp: 779015

Ion Ratio Lower Upper

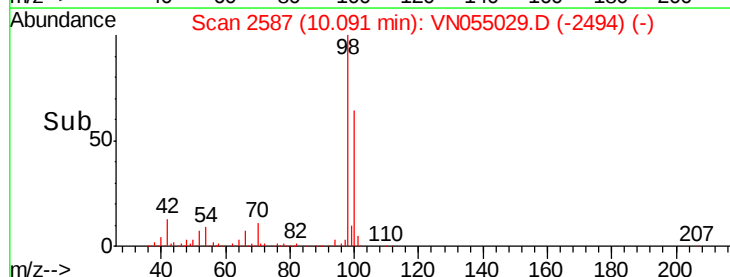
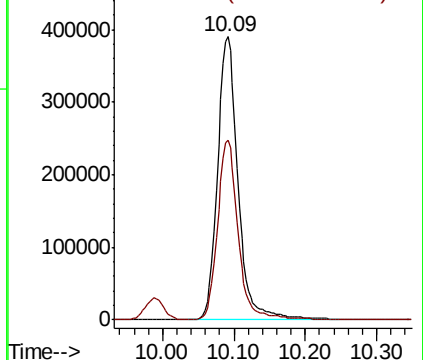
98 100

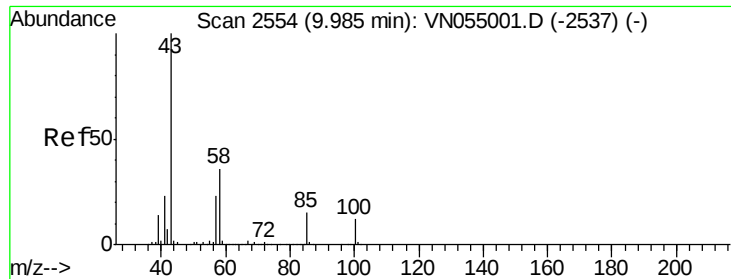
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055001.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 105.589 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

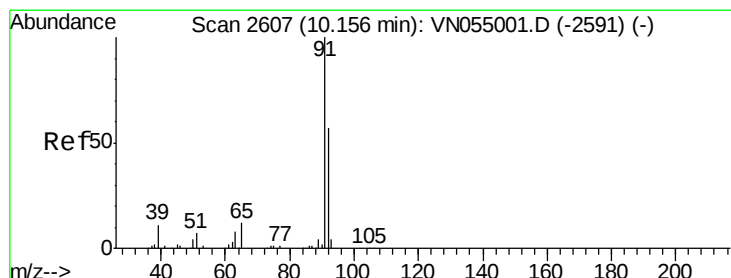
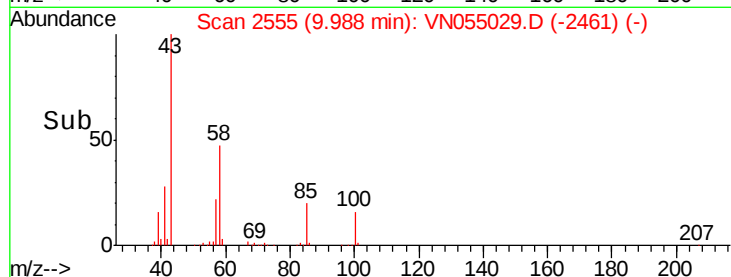
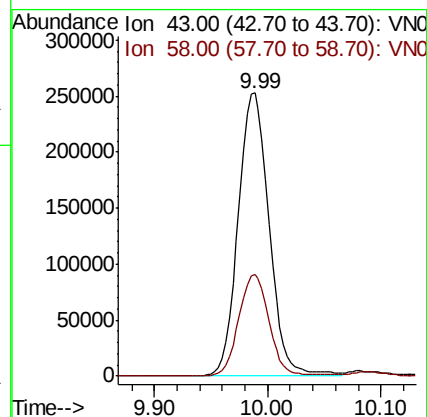
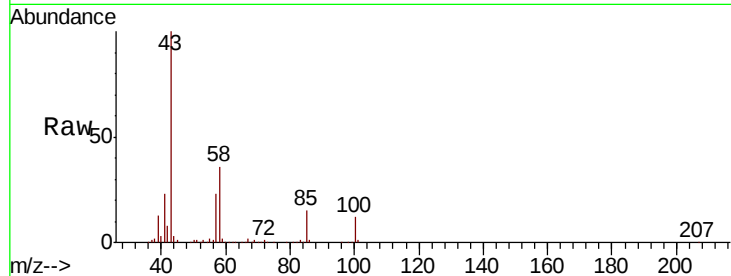
VN0414WBS01

Tot Ion: 43 Resp: 480844

Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.4



#52

Toluene

Concen: 19.489 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055029.D

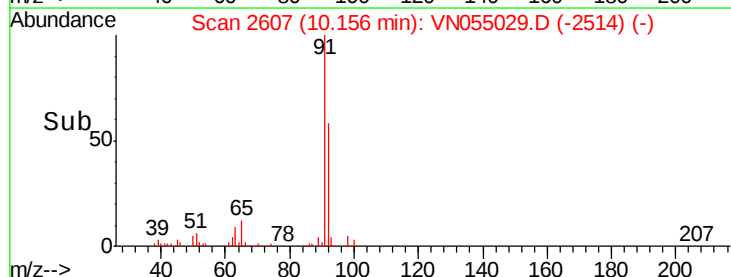
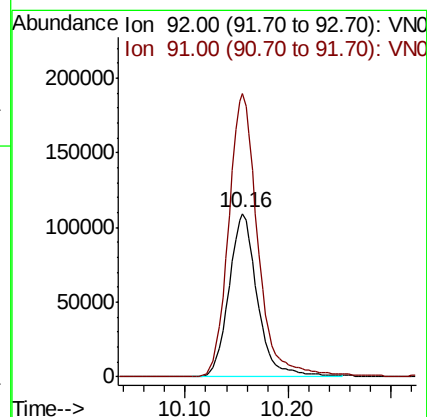
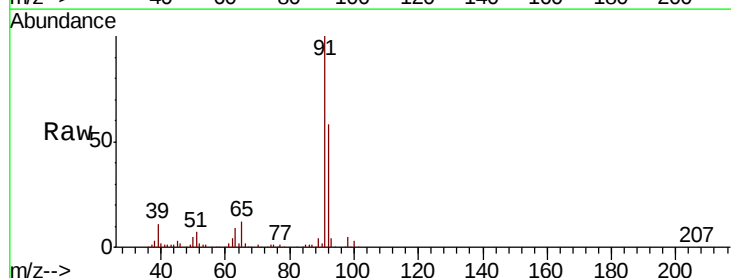
Acq: 13 Apr 2019 15:02

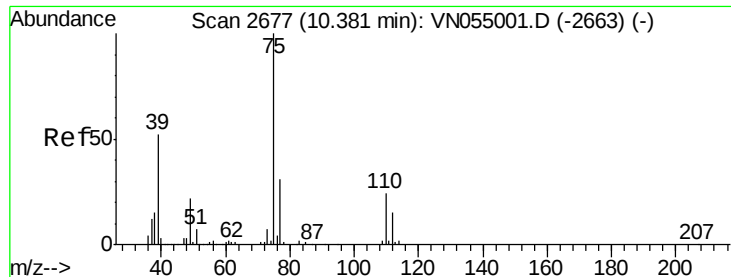
Tgt Ion: 92 Resp: 211132

Ion Ratio Lower Upper

92 100

91 177.6 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 18.562 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

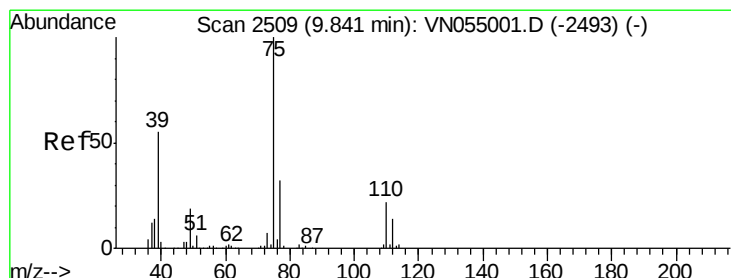
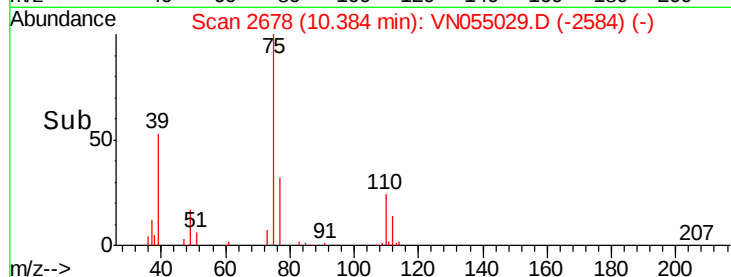
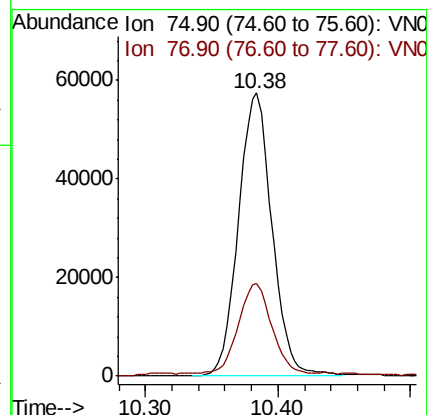
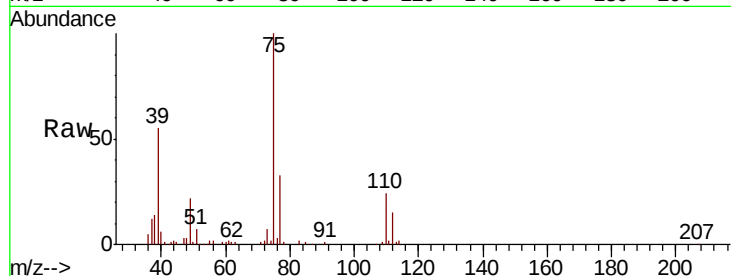
VN0414WBS01

Tot Ion: 75 Resp: 101241

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.289 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

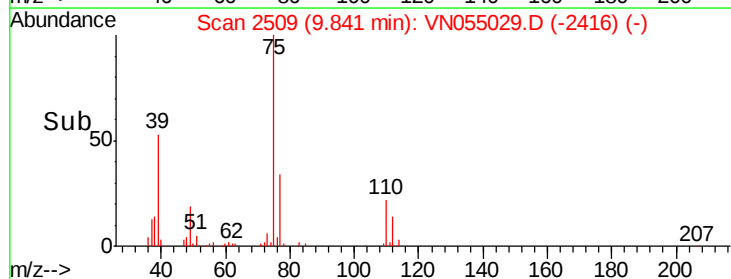
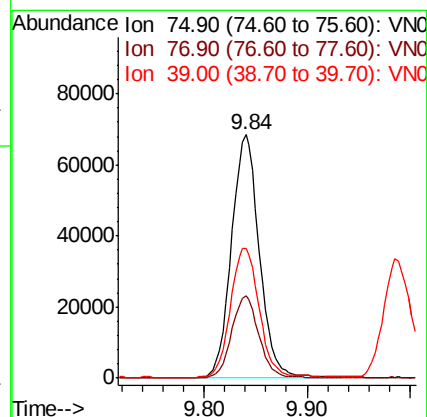
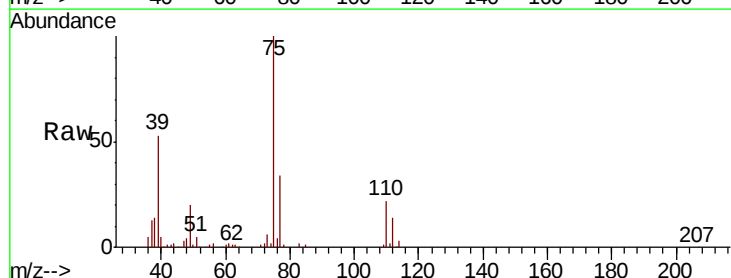
Tgt Ion: 75 Resp: 129596

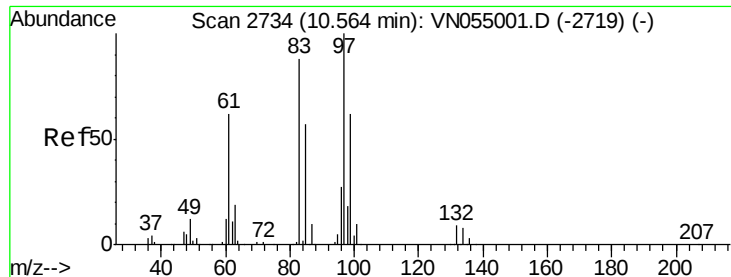
Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

39 52.9 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 20.045 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

Tot Ion: 97 Resp: 80894

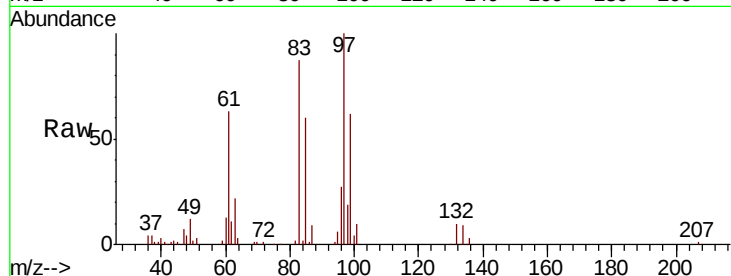
Ion Ratio Lower Upper

97 100

83 86.8 70.5 105.7

85 59.9 45.5 68.3

99 61.6 49.4 74.0

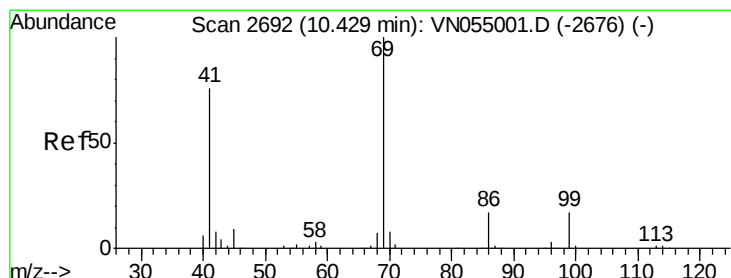
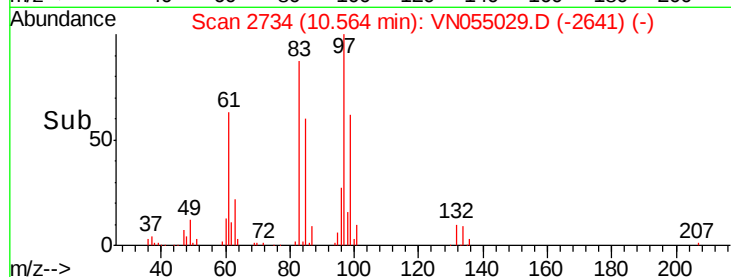
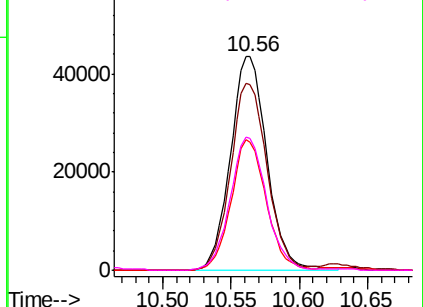


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.097 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

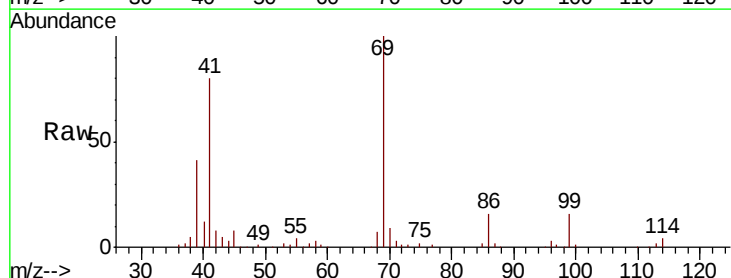
Tgt Ion: 69 Resp: 104363

Ion Ratio Lower Upper

69 100

41 76.6 61.4 92.0

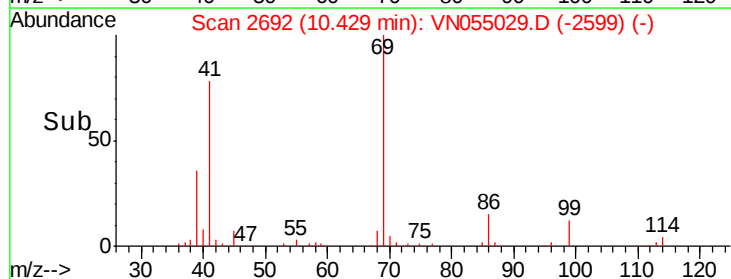
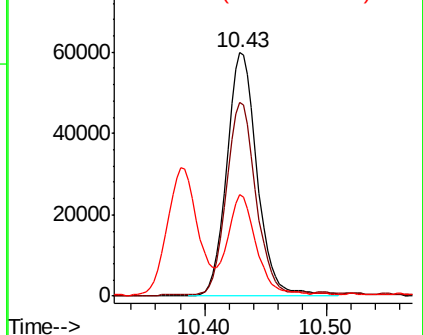
39 37.6 30.8 46.2

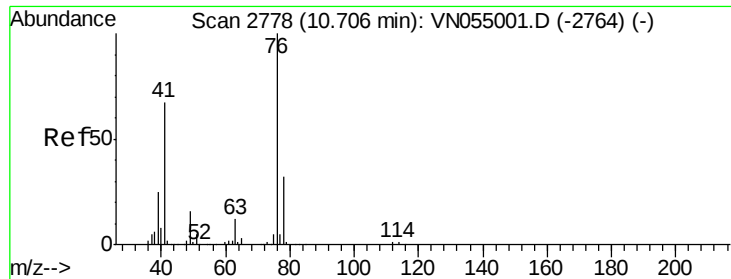


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.602 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampled :

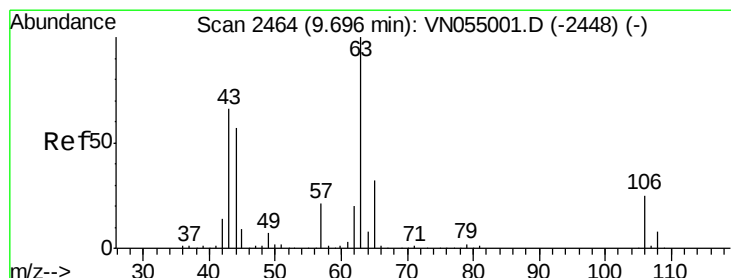
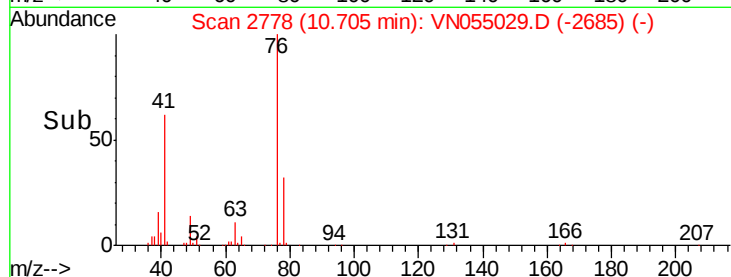
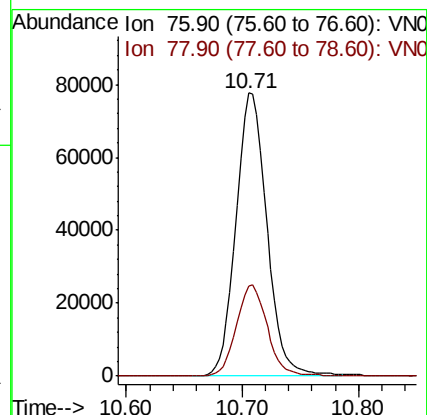
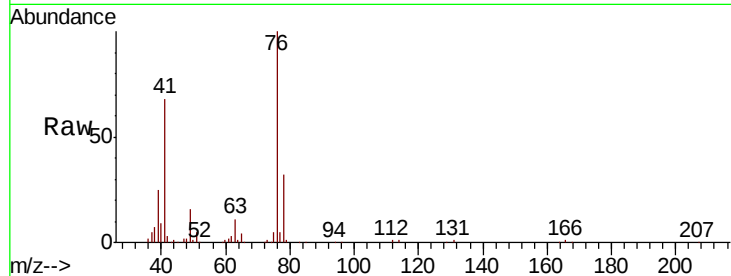
VN0414WBS01

Tot Ion: 76 Resp: 143431

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.873 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055029.D

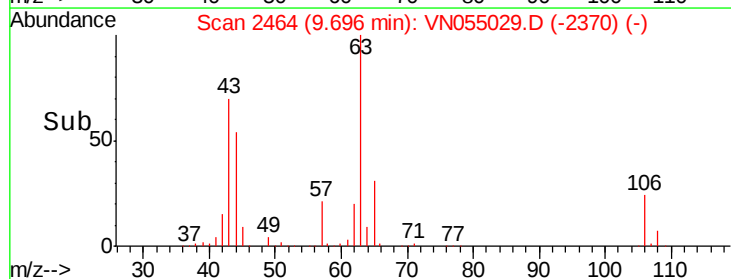
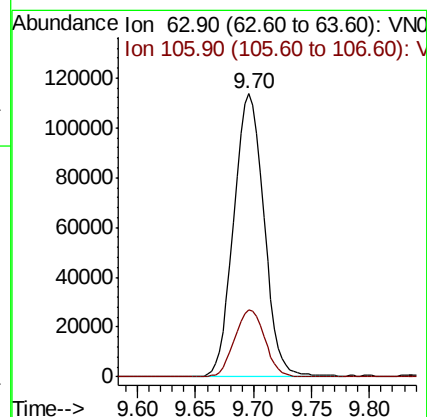
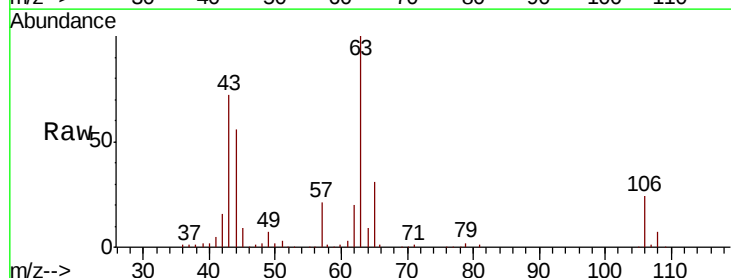
Acq: 13 Apr 2019 15:02

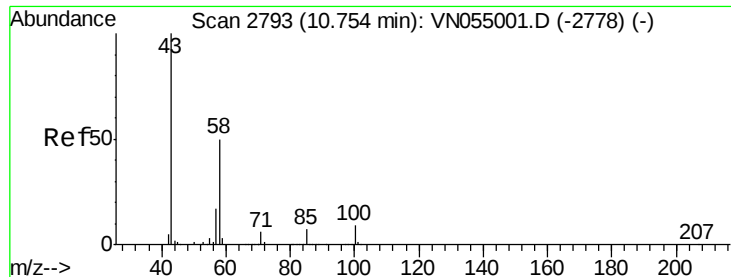
Tgt Ion: 63 Resp: 205531

Ion Ratio Lower Upper

63 100

106 23.6 20.0 30.0

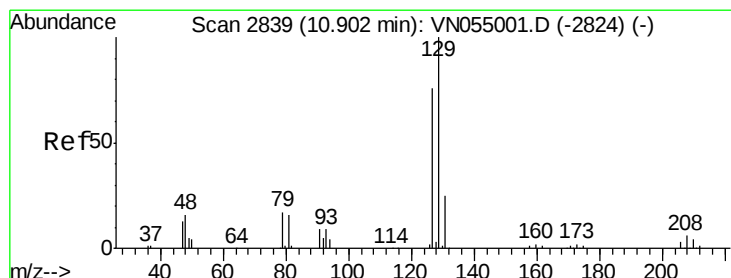
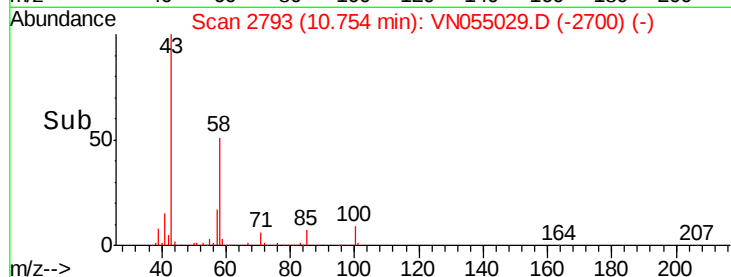
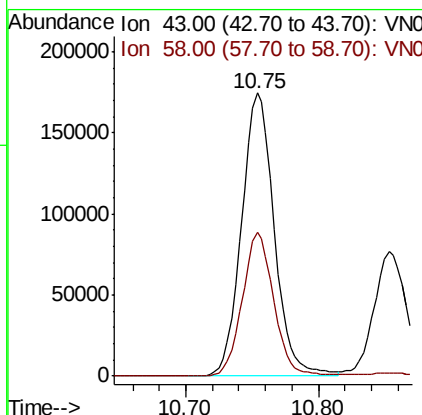
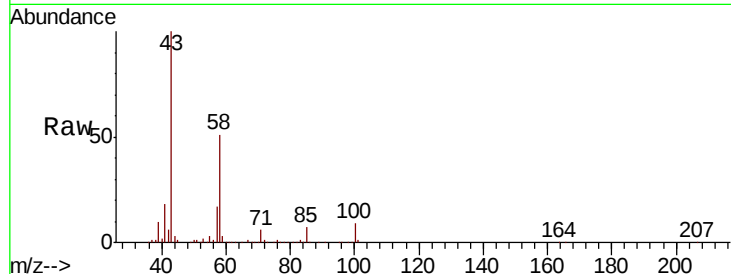




#59
2-Hexanone
Concen: 104.551 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

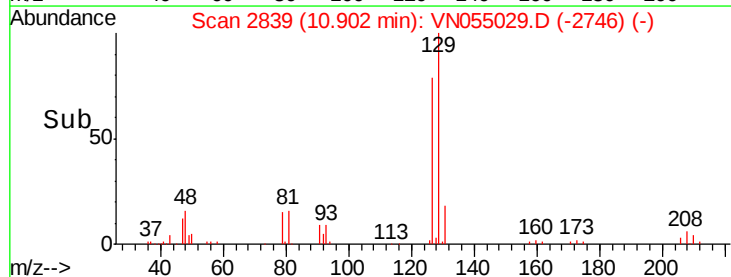
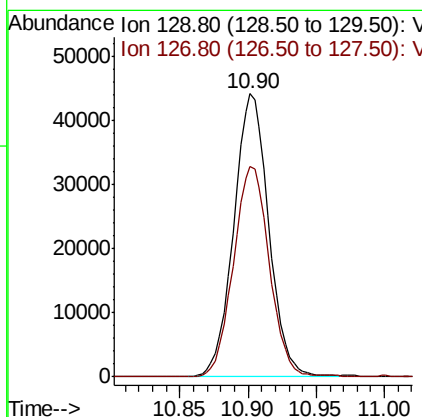
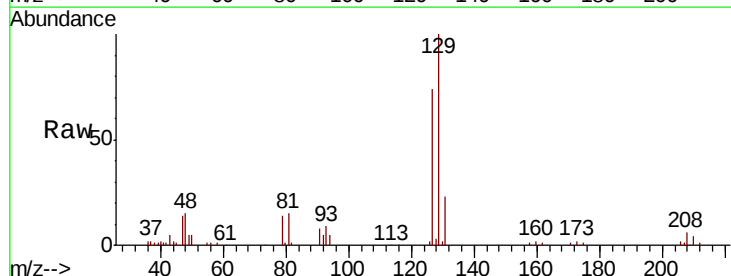
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

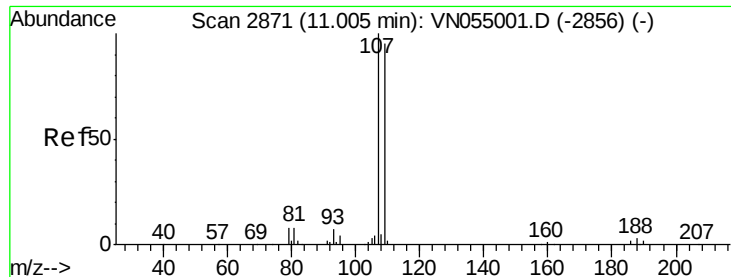
Tot Ion: 43 Resp: 297524
Ion Ratio Lower Upper
43 100
58 49.4 25.1 75.2



#60
Dibromochloromethane
Concen: 19.563 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 129 Resp: 78587
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.828 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

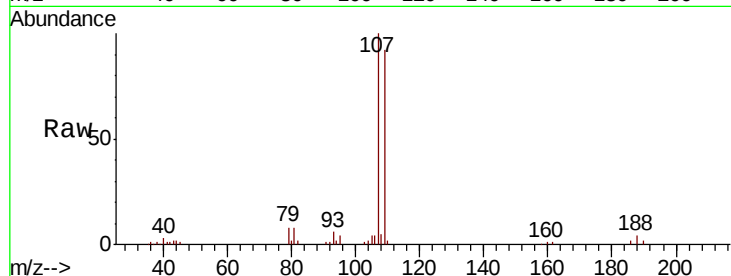
VN0414WBS01

Tot Ion:107 Resp: 76613

Ion Ratio Lower Upper

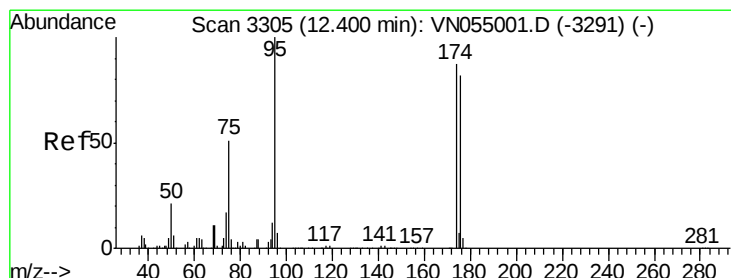
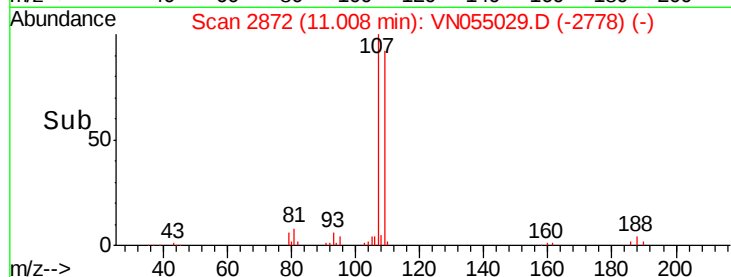
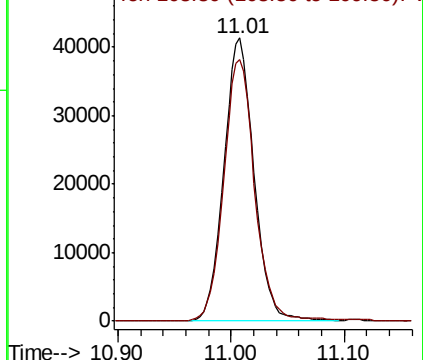
107 100

109 95.2 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.890 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

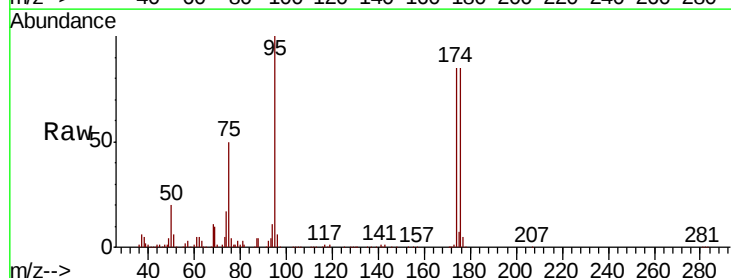
Tgt Ion: 95 Resp: 252780

Ion Ratio Lower Upper

95 100

174 85.3 0.0 174.4

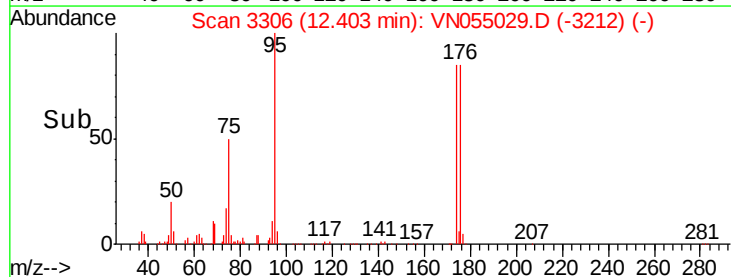
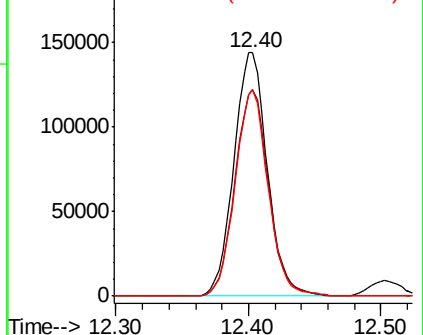
176 83.4 0.0 166.8

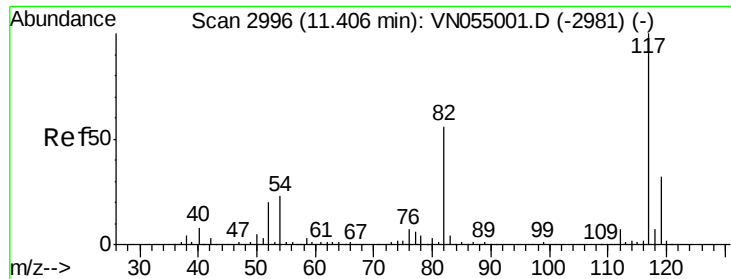


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

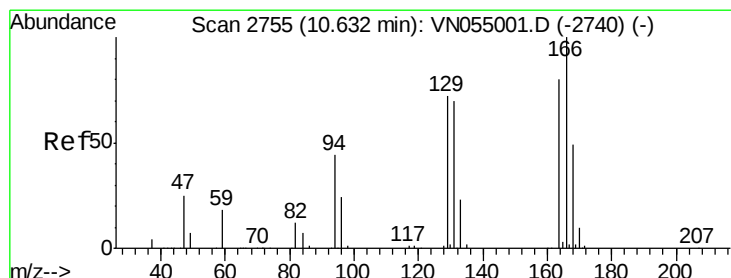
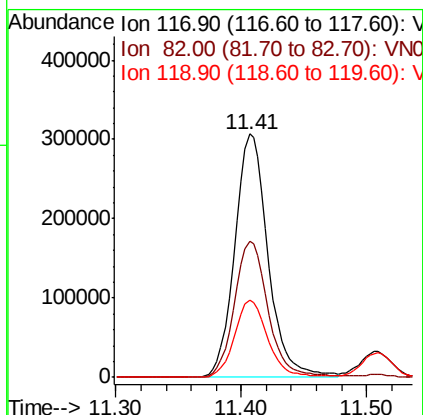
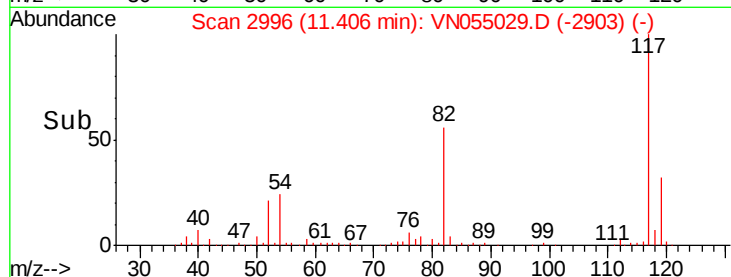
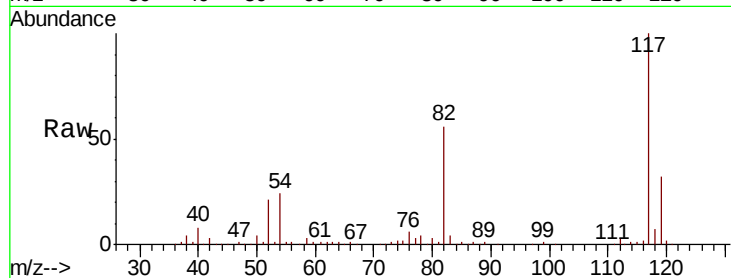




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

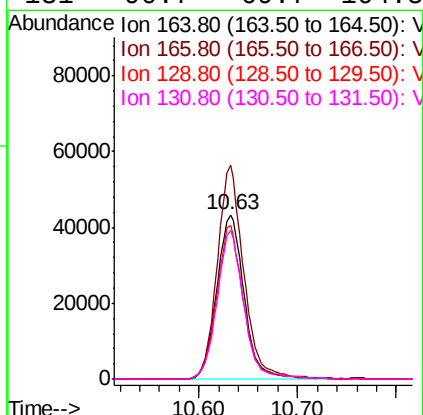
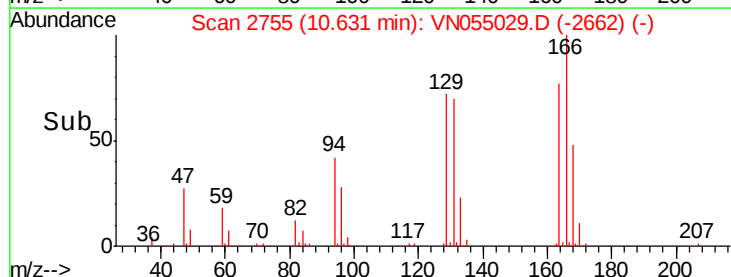
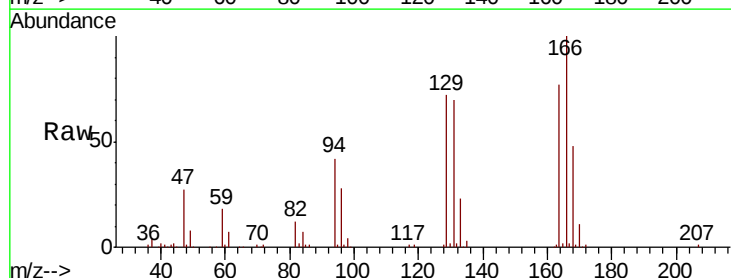
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

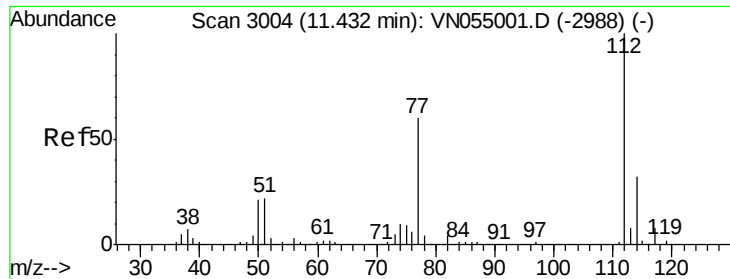
Tot Ion:117 Resp: 565954
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 18.960 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion:164 Resp: 83938
Ion Ratio Lower Upper
164 100
166 130.3 100.0 150.0
129 93.4 72.0 108.0
131 90.7 69.7 104.5

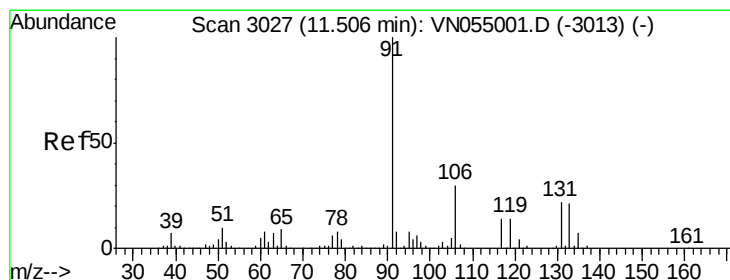
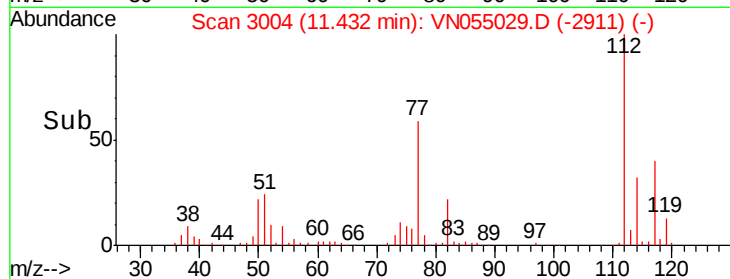
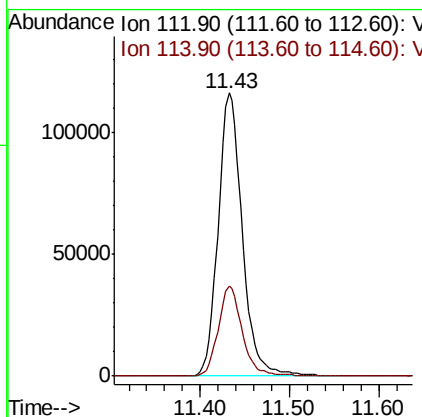
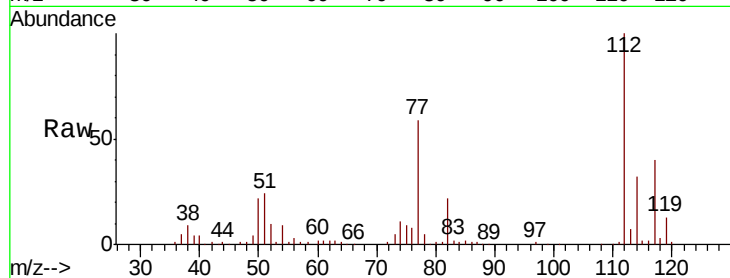




#65
Chlorobenzene
Concen: 19.890 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

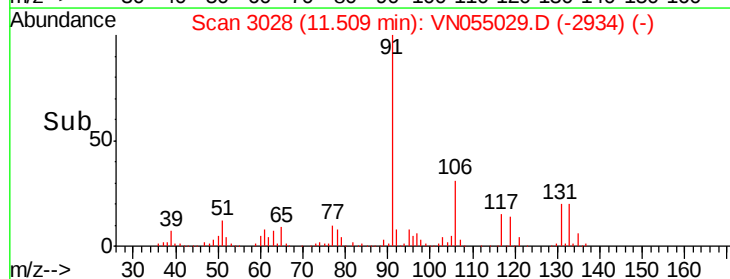
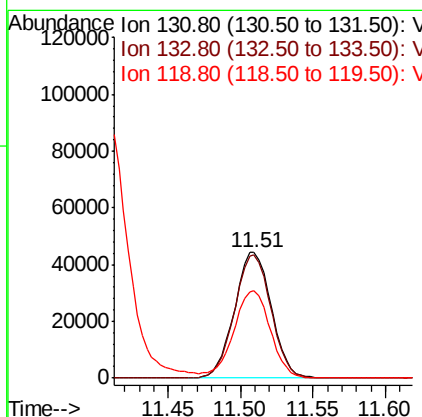
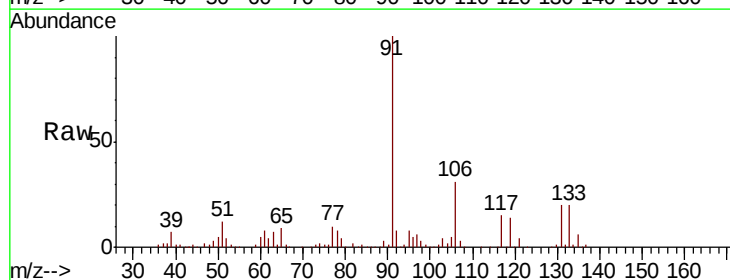
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

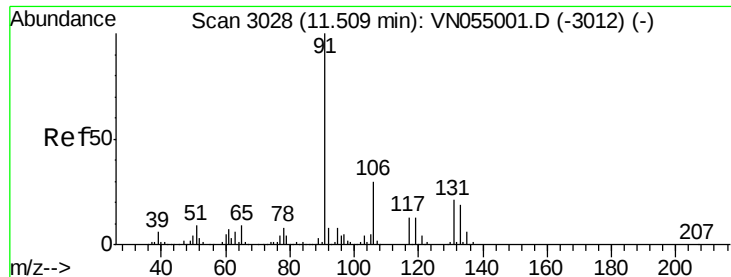
Tot Ion:112 Resp: 217057
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.535 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion:131 Resp: 78562
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 69.4 33.6 100.6

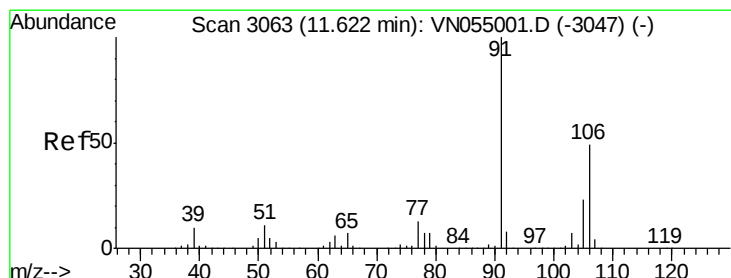
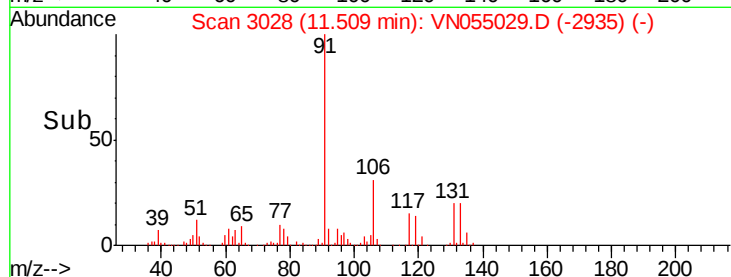
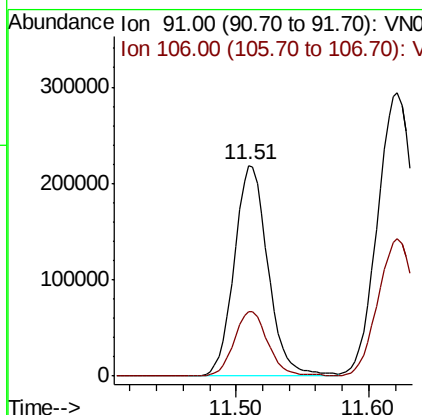
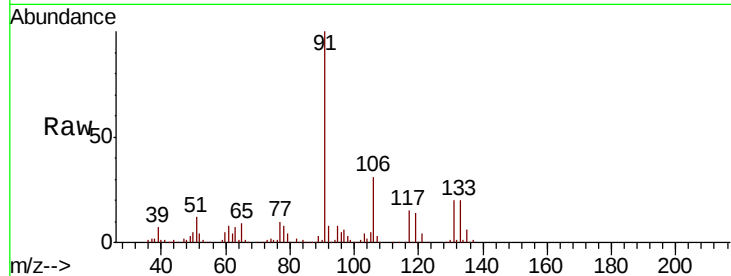




#67
Ethyl Benzene
Concen: 19.322 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

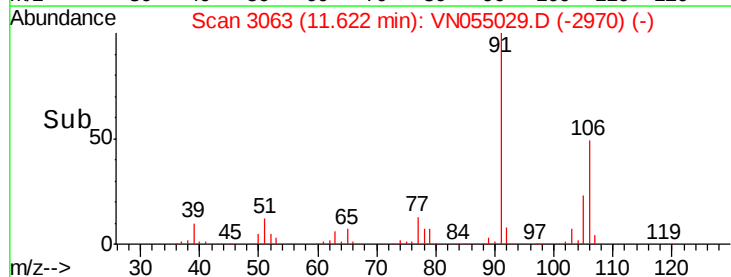
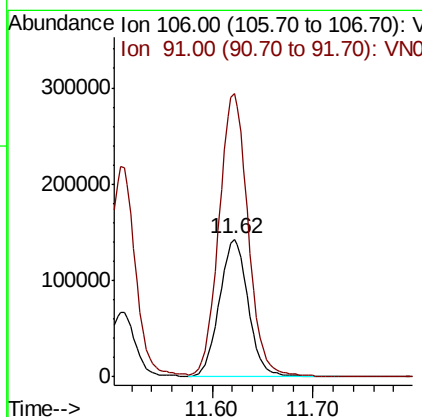
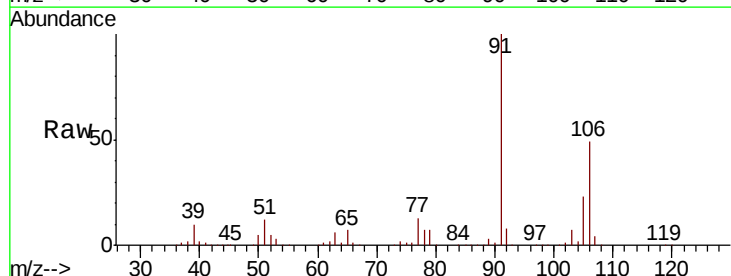
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

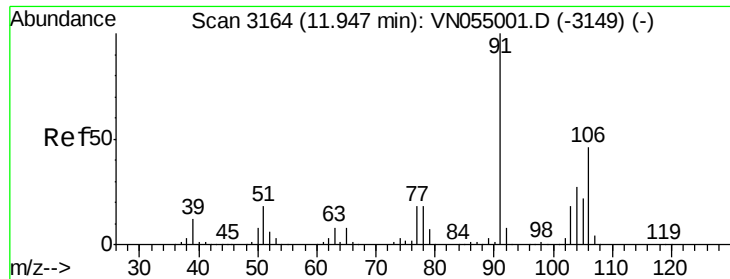
Tot Ion: 91 Resp: 387316
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 39.051 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 106 Resp: 286392
Ion Ratio Lower Upper
106 100
91 207.0 165.9 248.9

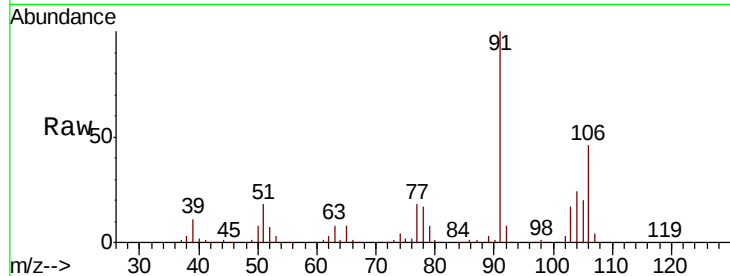




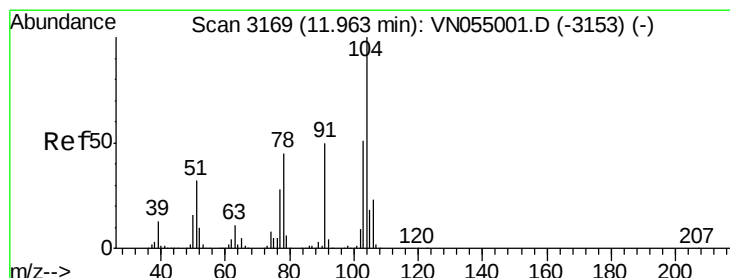
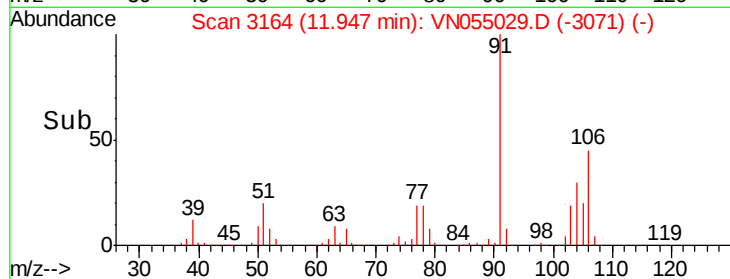
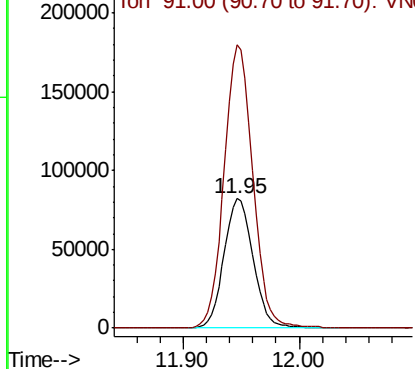
#69
o-Xylene
Concen: 19.608 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion:106 Resp: 142282
Ion Ratio Lower Upper
106 100
91 216.0 109.9 329.8

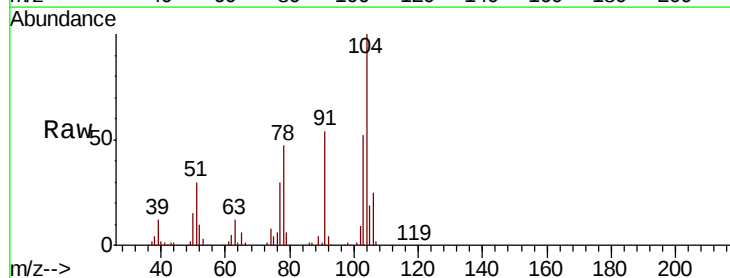


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

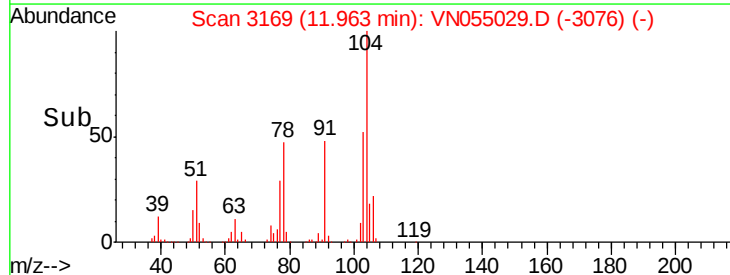
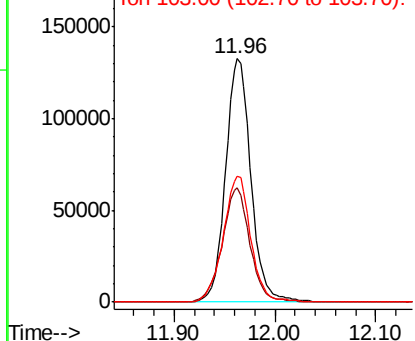


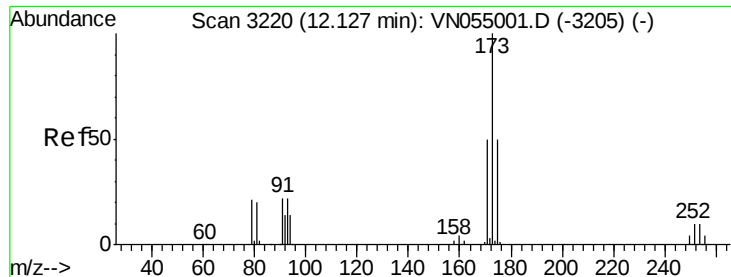
#70
Styrene
Concen: 20.245 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion:104 Resp: 232922
Ion Ratio Lower Upper
104 100
78 51.3 40.3 60.5
103 56.1 44.3 66.5



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





#71

Bromoform

Concen: 19.082 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

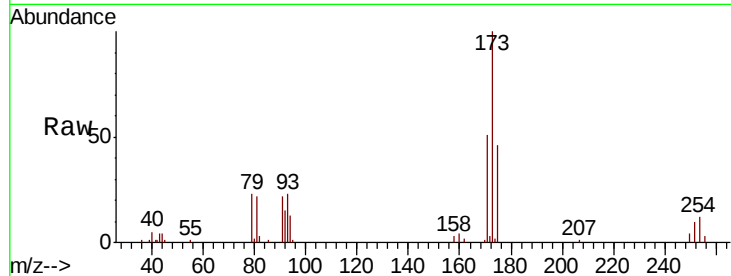
Tot Ion:173 Resp: 47973

Ion Ratio Lower Upper

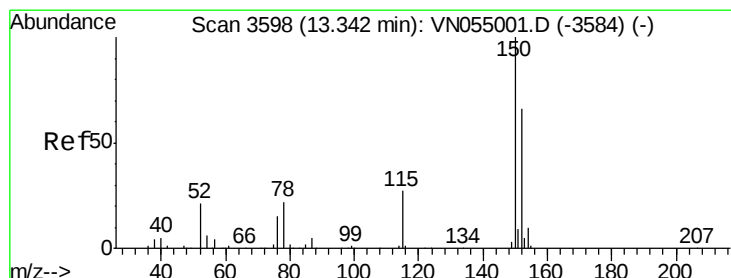
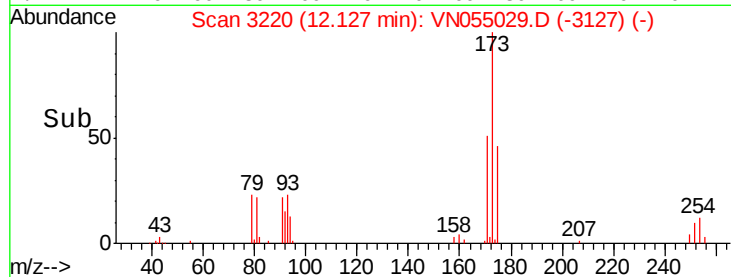
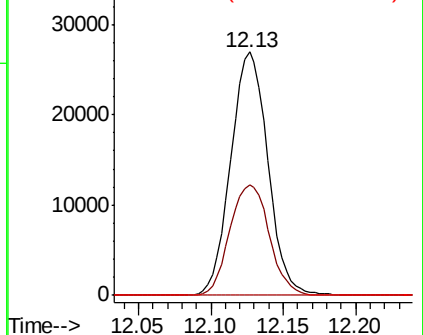
173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

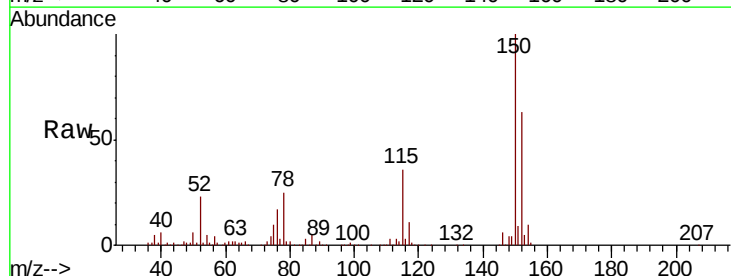
Tgt Ion:152 Resp: 224080

Ion Ratio Lower Upper

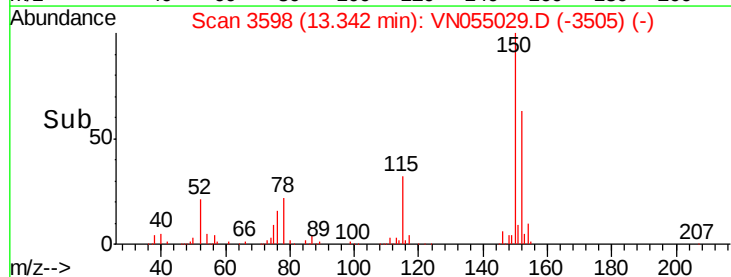
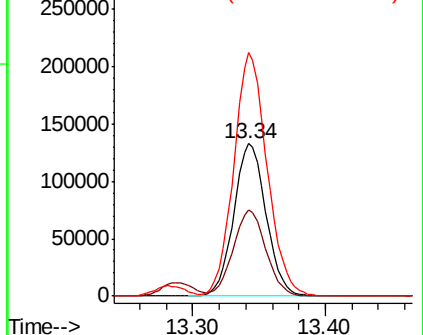
152 100

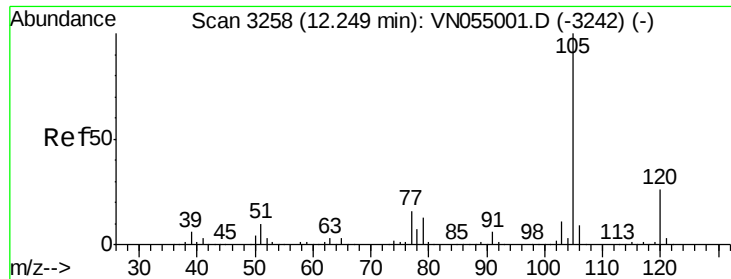
115 57.4 28.5 85.6

150 165.1 0.0 347.2



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: 19.213 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

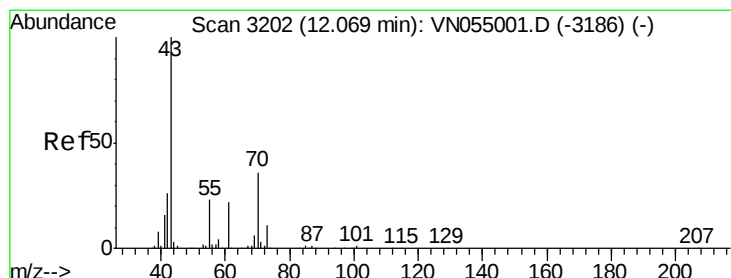
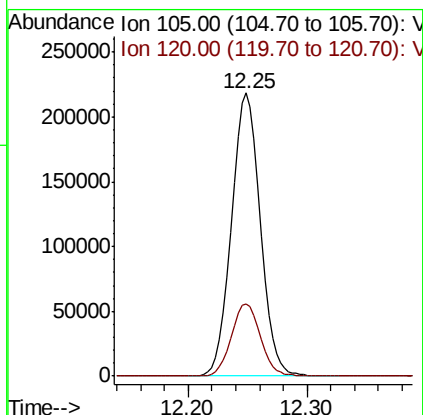
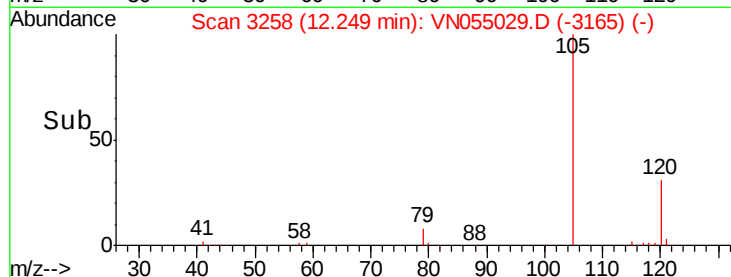
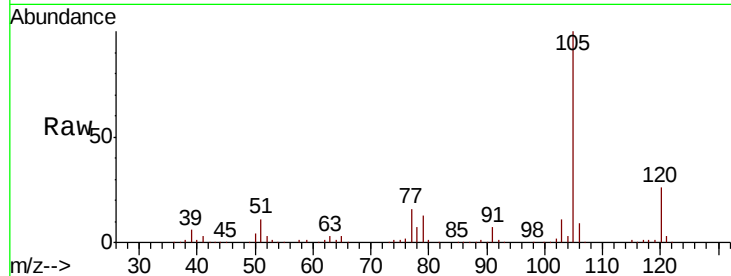
VN0414WBS01

Tot Ion:105 Resp: 366049

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



#74

N-ethyl acetate

Concen: 21.434 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Tgt Ion: 43 Resp: 123088

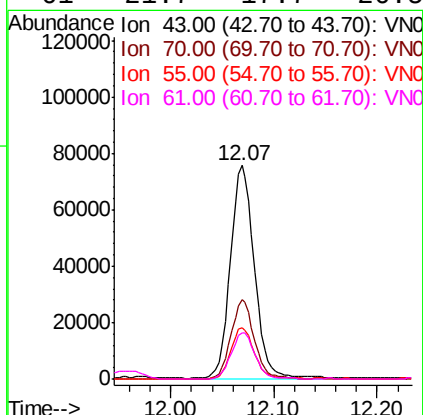
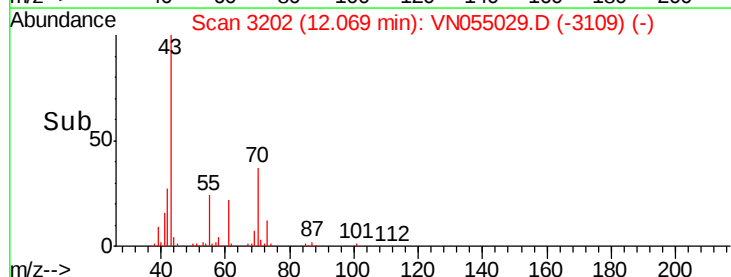
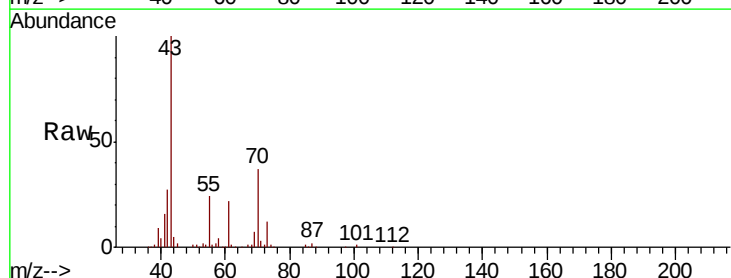
Ion Ratio Lower Upper

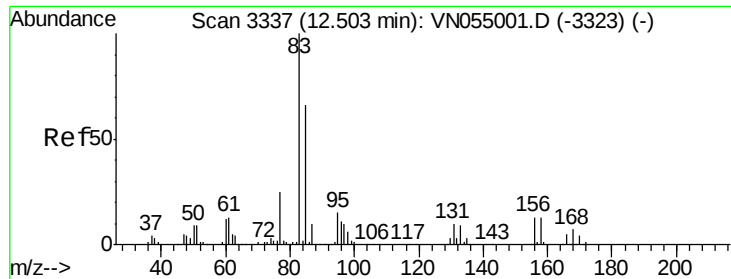
43 100

70 36.2 29.4 44.0

55 23.7 19.0 28.4

61 21.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.062 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

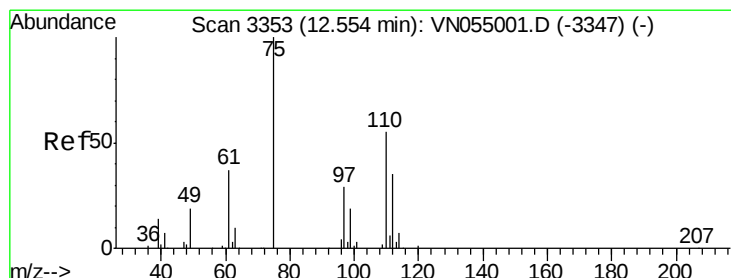
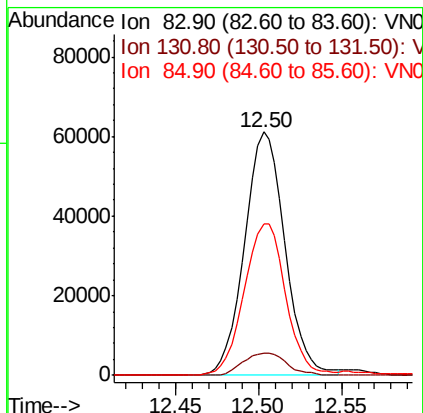
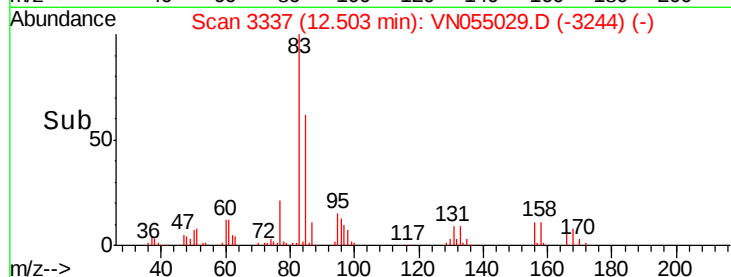
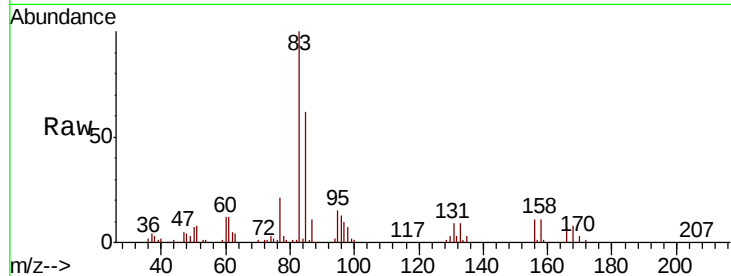
Tot Ion: 83 Resp: 103893

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 63.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 28.611 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055029.D

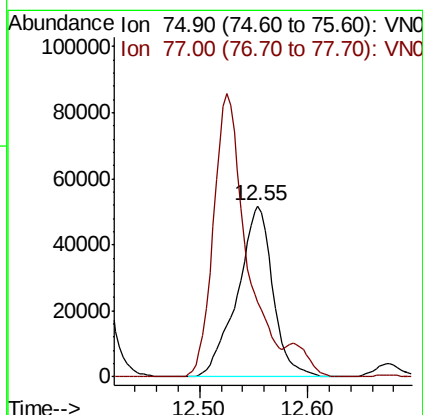
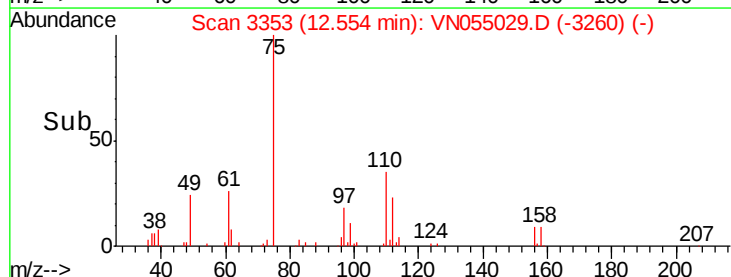
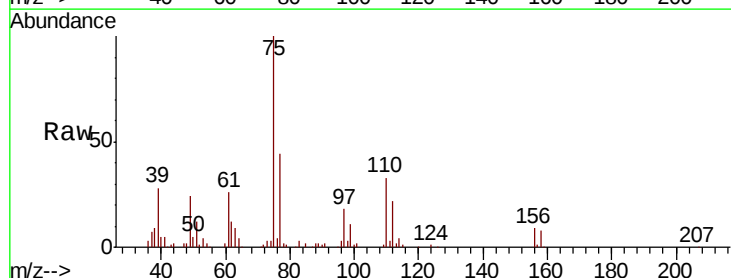
Acq: 13 Apr 2019 15:02

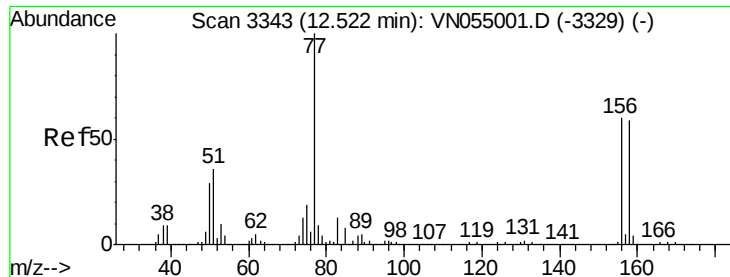
Tgt Ion: 75 Resp: 117951

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.197 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

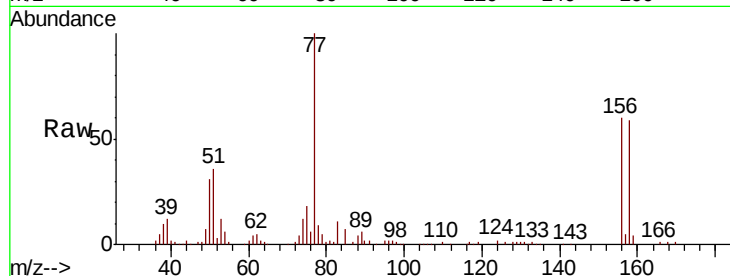
Tot Ion:156 Resp: 92835

Ion Ratio Lower Upper

156 100

77 194.4 97.2 291.5

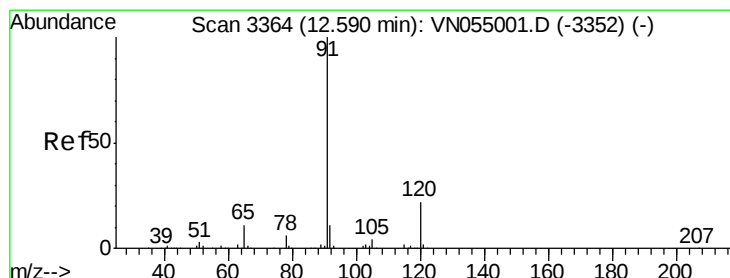
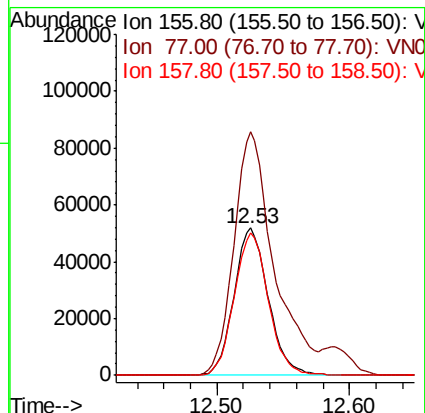
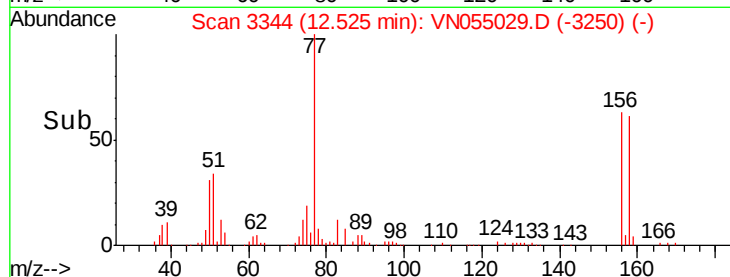
158 96.3 48.6 145.9



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: 18.888 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055029.D

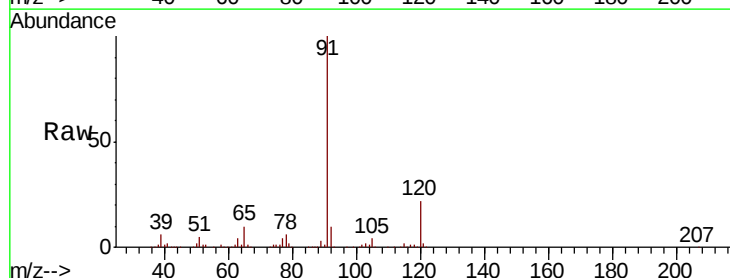
Acq: 13 Apr 2019 15:02

Tgt Ion: 91 Resp: 392057

Ion Ratio Lower Upper

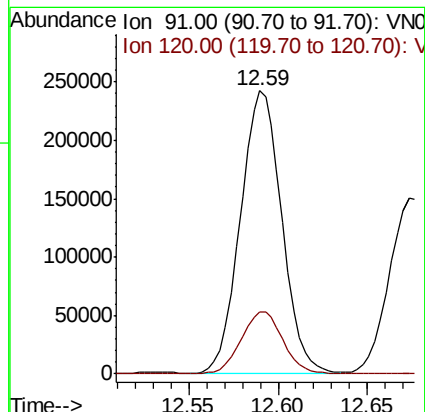
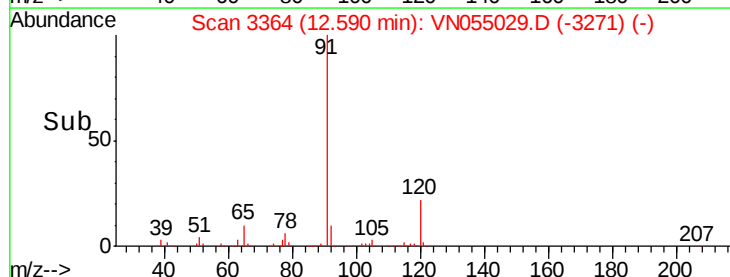
91 100

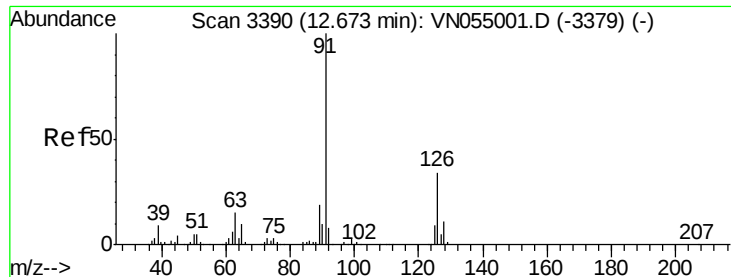
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.765 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

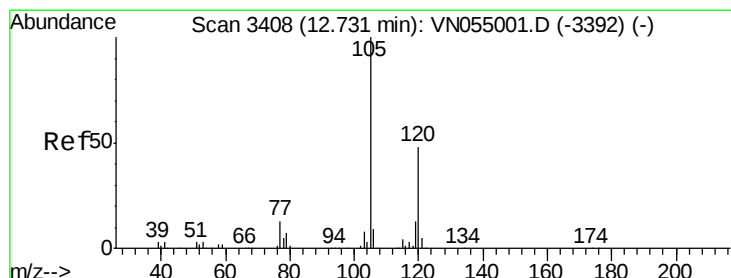
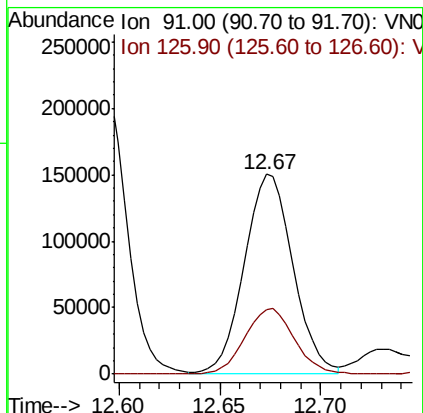
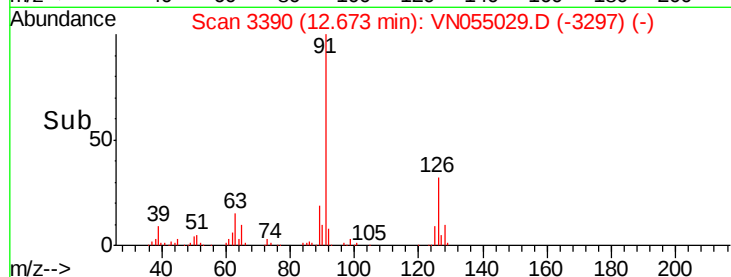
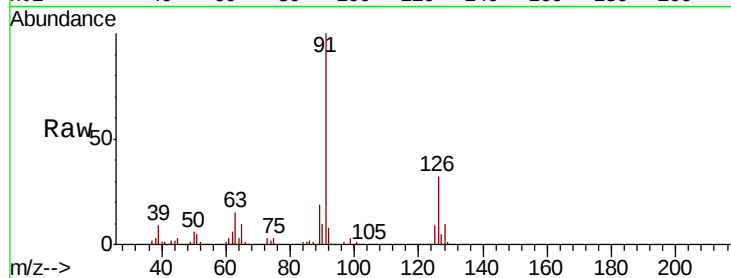
VN0414WBS01

Tot Ion: 91 Resp: 253442

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 18.881 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055029.D

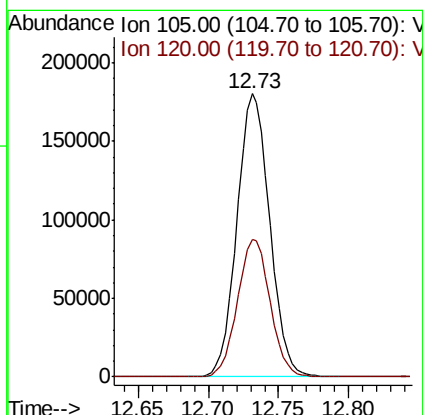
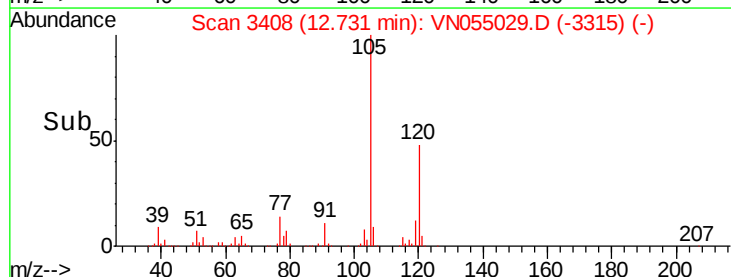
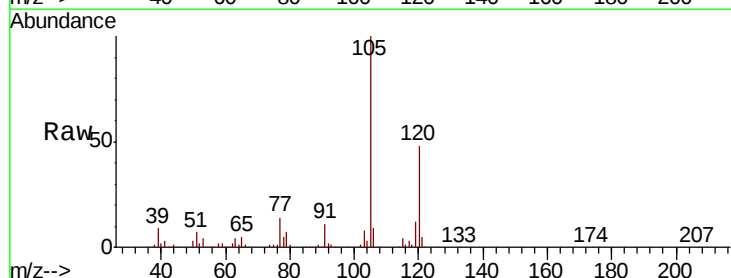
Acq: 13 Apr 2019 15:02

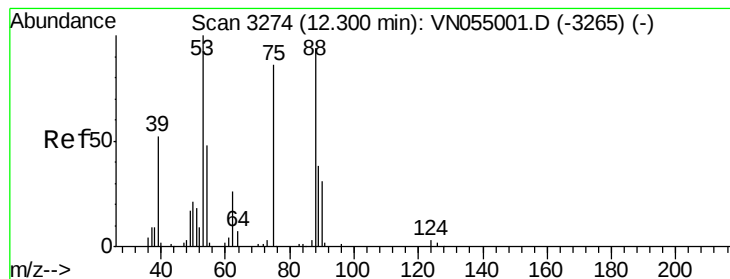
Tgt Ion:105 Resp: 292840

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.118 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampled :

VN0414WBS01

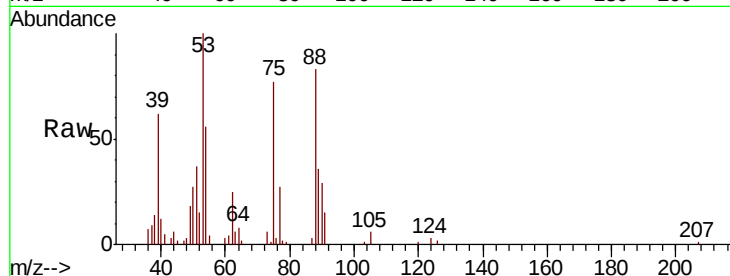
Tot Ion: 75 Resp: 19095

Ion Ratio Lower Upper

75 100

53 131.7 96.3 144.5

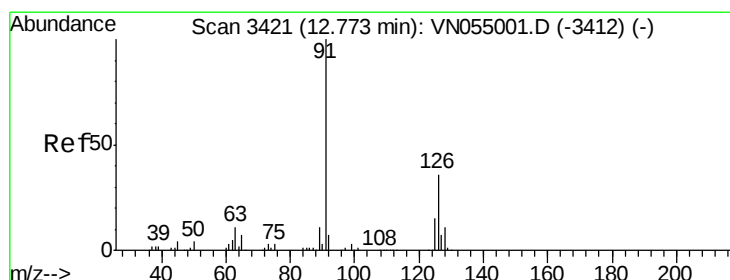
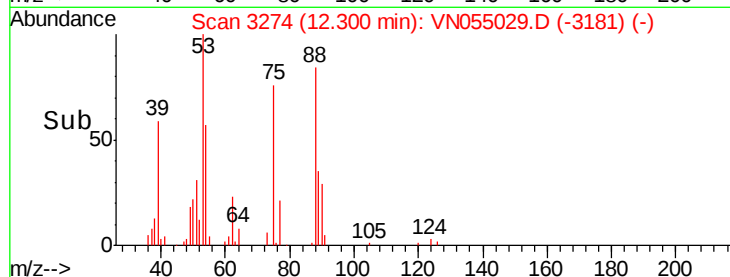
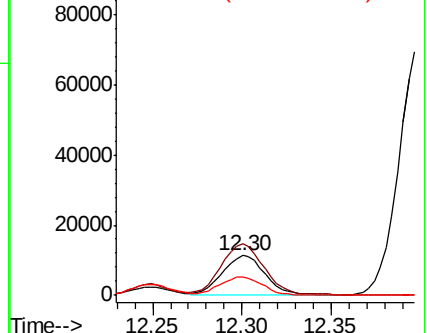
89 46.5 38.6 57.8



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: 19.279 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055029.D

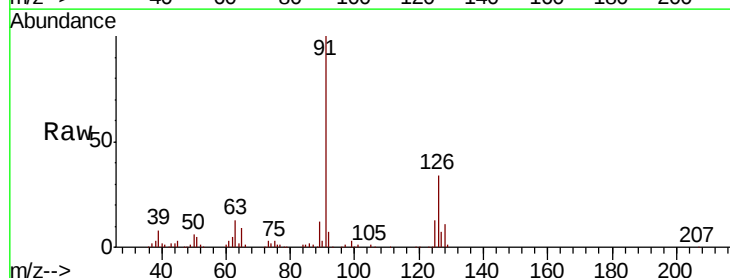
Acq: 13 Apr 2019 15:02

Tgt Ion: 91 Resp: 239082

Ion Ratio Lower Upper

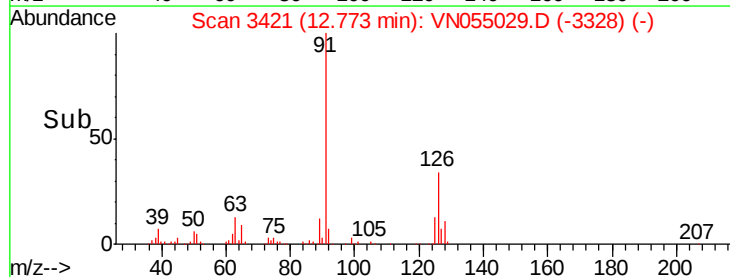
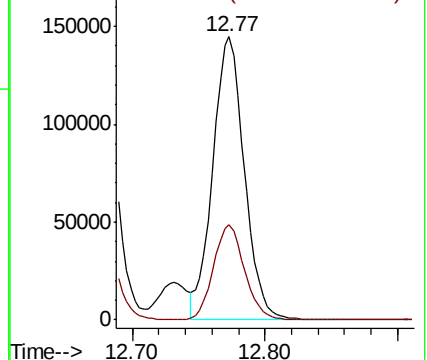
91 100

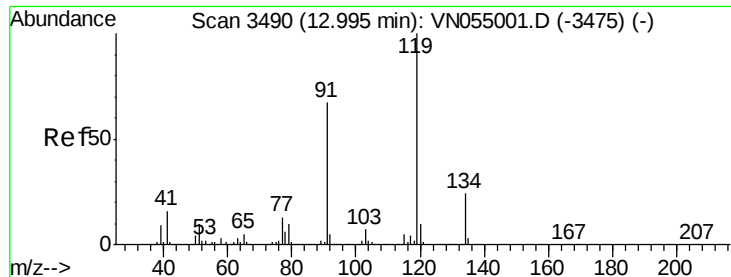
126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

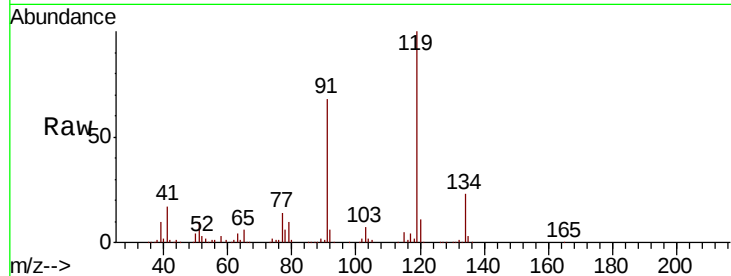




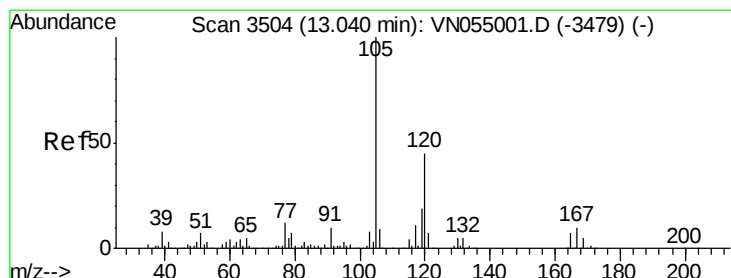
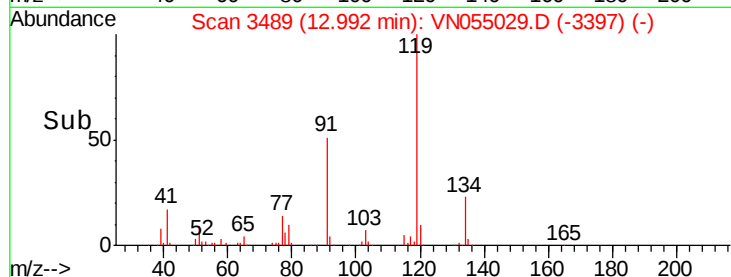
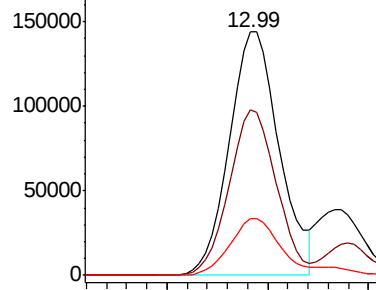
#83
tert-Butylbenzene
Concen: 18.727 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion:119 Resp: 248823
Ion Ratio Lower Upper
119 100
91 64.4 33.3 99.8
134 23.3 12.3 36.9

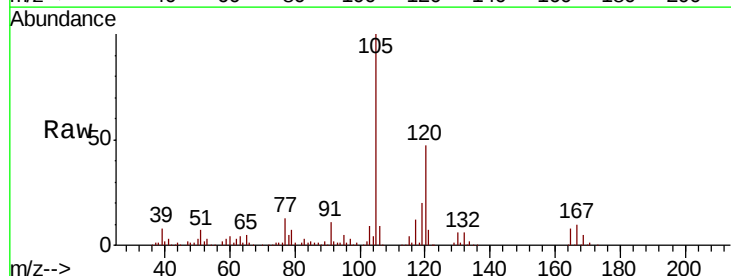


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

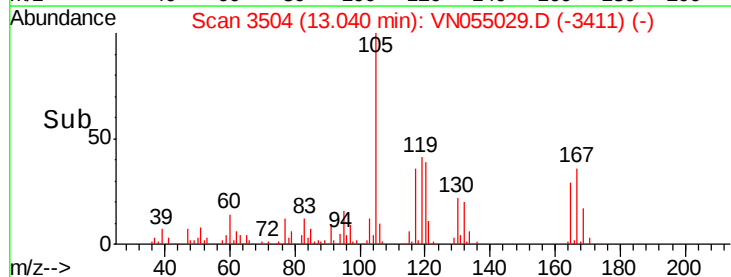
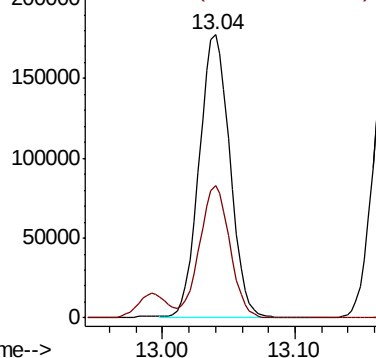


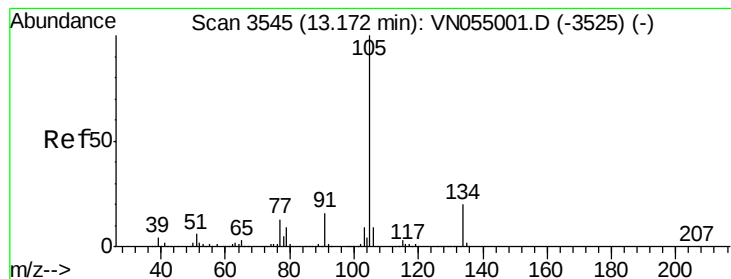
#84
1,2,4-Trimethylbenzene
Concen: 19.253 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion:105 Resp: 286335
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.151 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

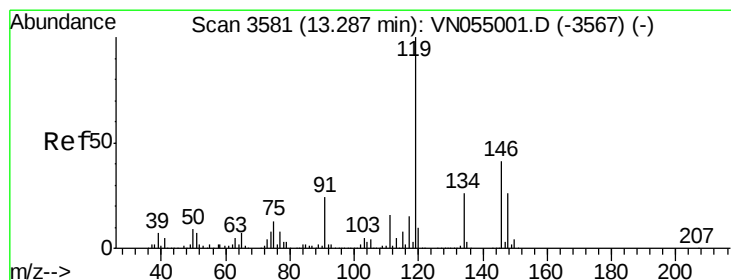
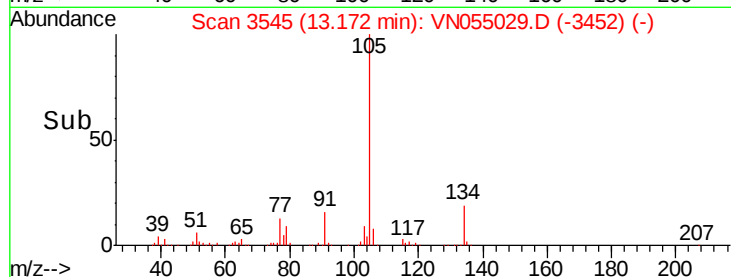
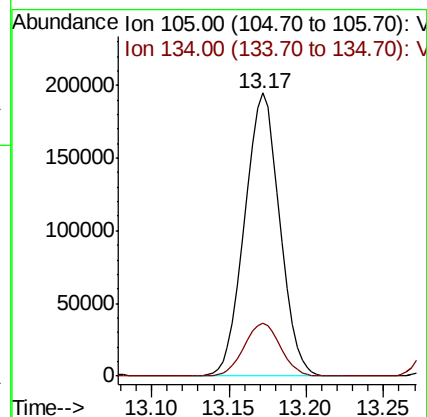
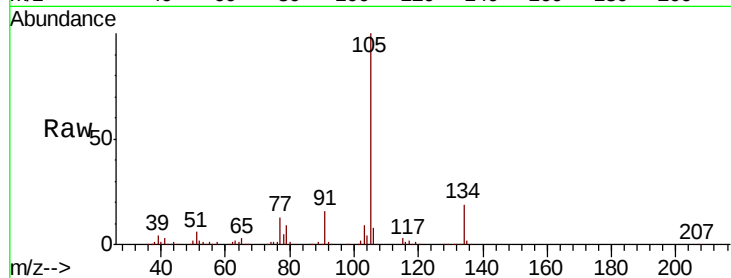
VN0414WBS01

Tot Ion:105 Resp: 307929

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.060 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

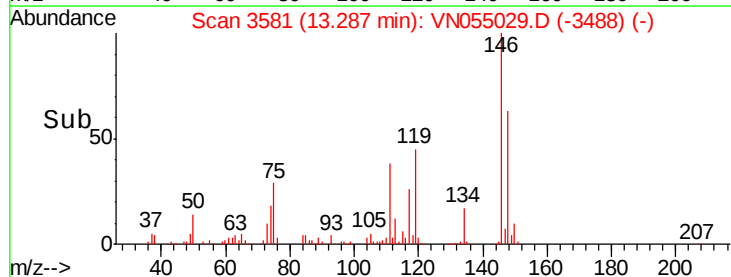
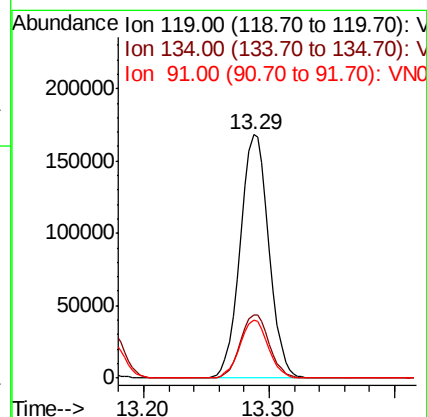
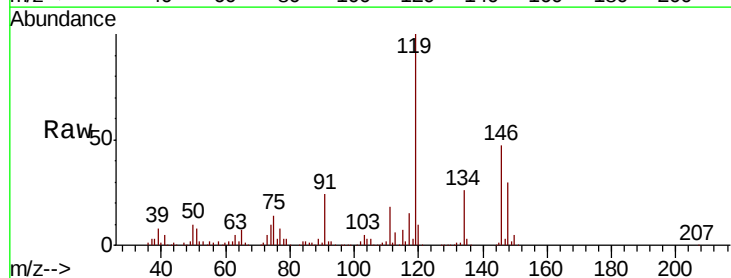
Tgt Ion:119 Resp: 266489

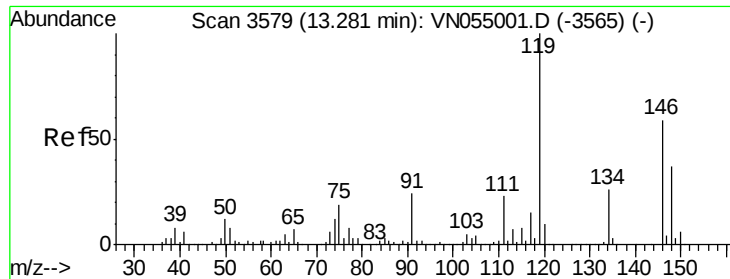
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.7 11.7 35.1

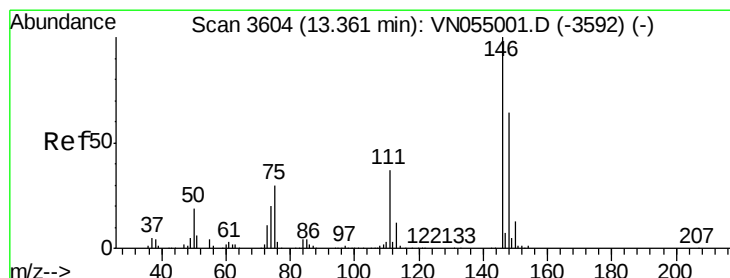
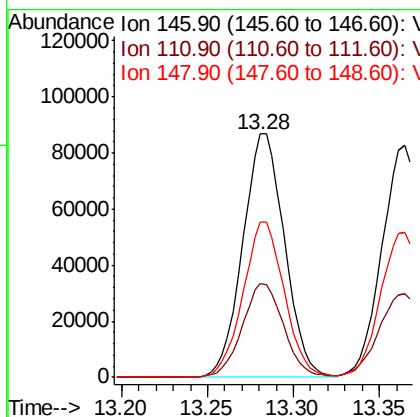
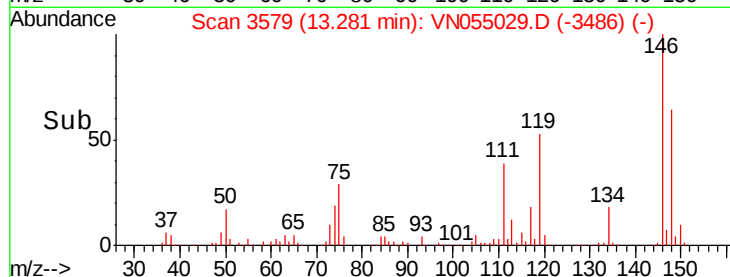
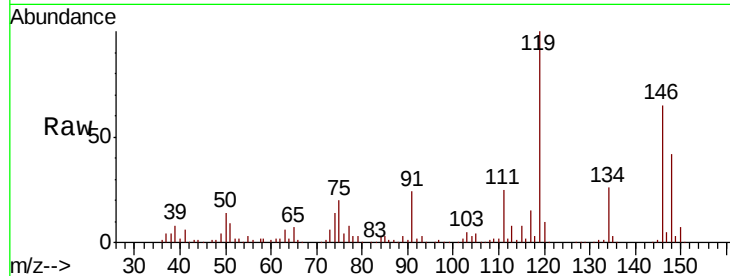




#87
 1,3-Dichlorobenzene
 Concen: 19.243 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

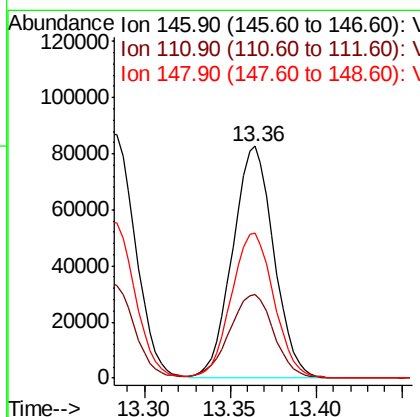
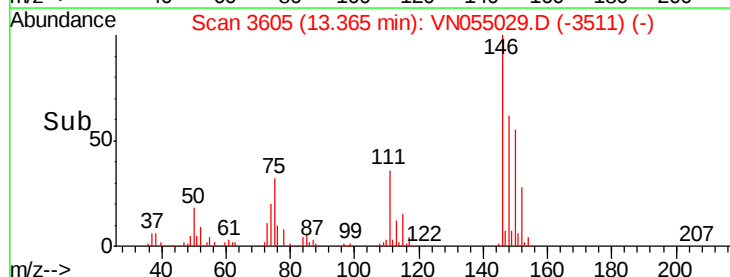
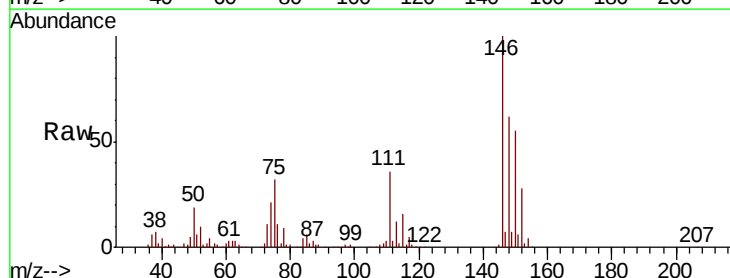
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

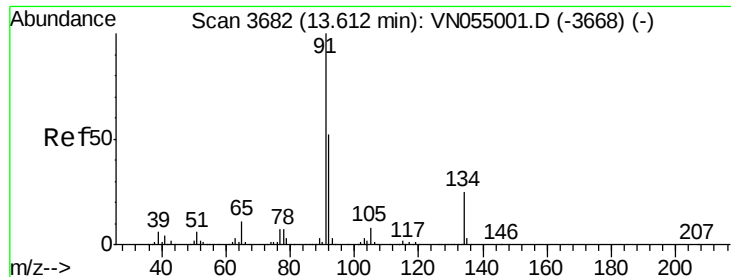
Tot Ion:146 Resp: 146460
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.5 58.5
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

Tgt Ion:146 Resp: 137990
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.4
 148 64.6 32.4 97.2

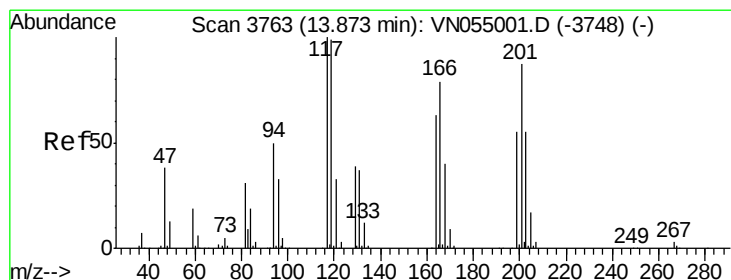
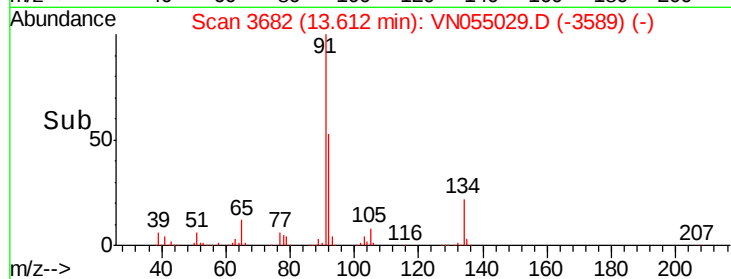
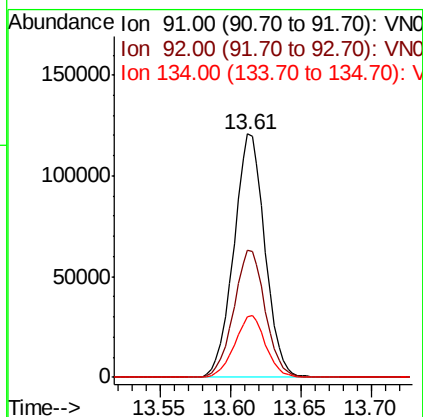
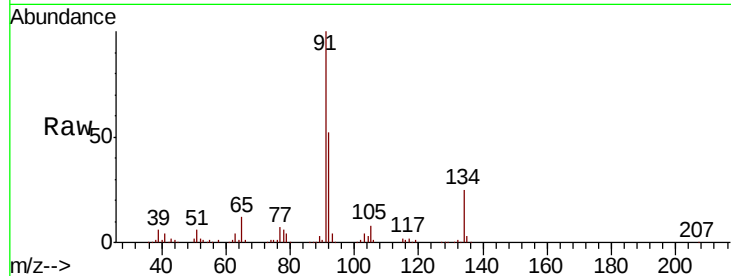




#89
n-Butylbenzene
Concen: 16.104 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

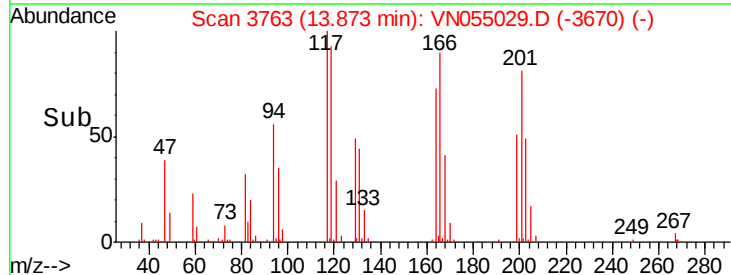
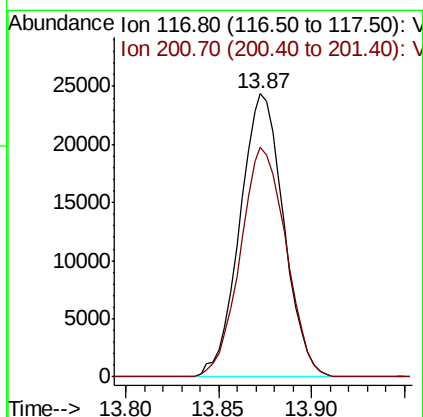
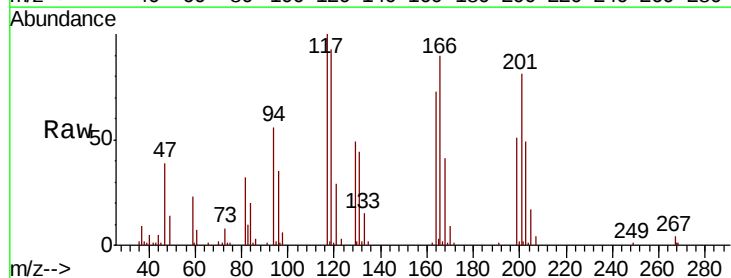
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

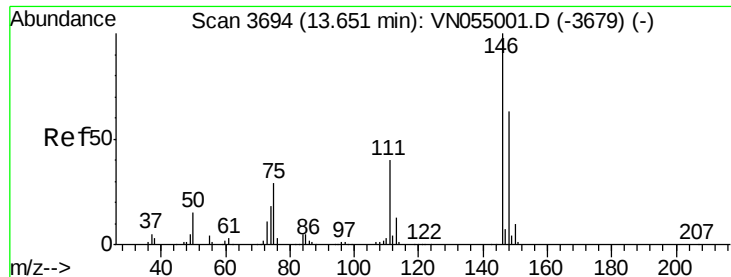
Tot Ion: 91 Resp: 186636
Ion Ratio Lower Upper
91 100
92 52.8 25.9 77.7
134 25.2 12.8 38.3



#90
Hexachloroethane
Concen: 16.450 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055029.D
Acq: 13 Apr 2019 15:02

Tgt Ion: 117 Resp: 40109
Ion Ratio Lower Upper
117 100
201 84.6 43.4 130.2





#91

1,2-Dichlorobenzene

Concen: 20.153 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

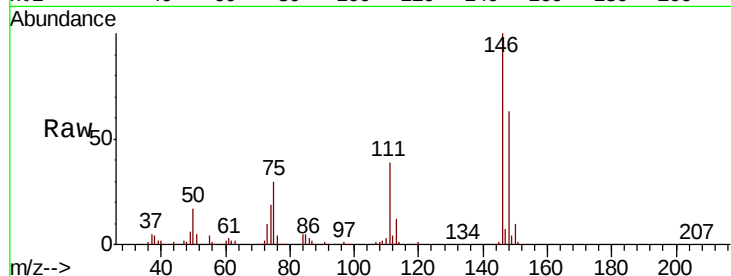
Tot Ion:146 Resp: 148902

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.9

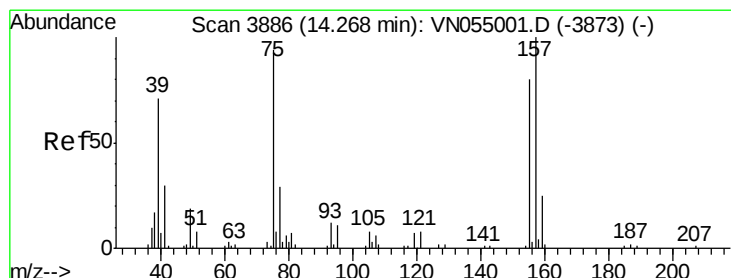
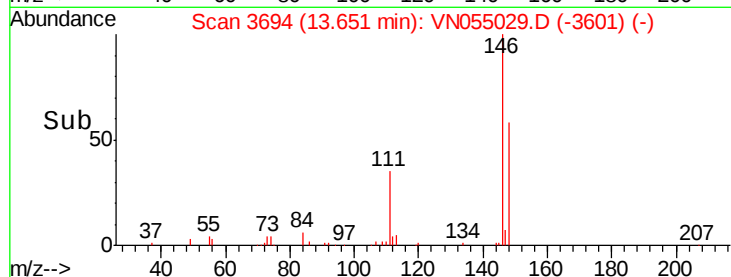
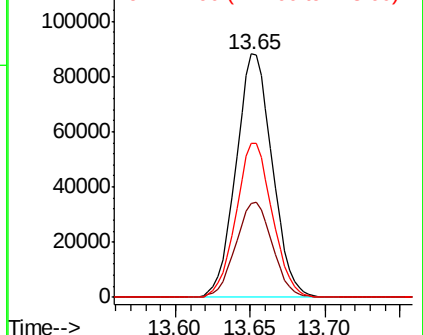
148 63.4 32.2 96.6



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: 21.397 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

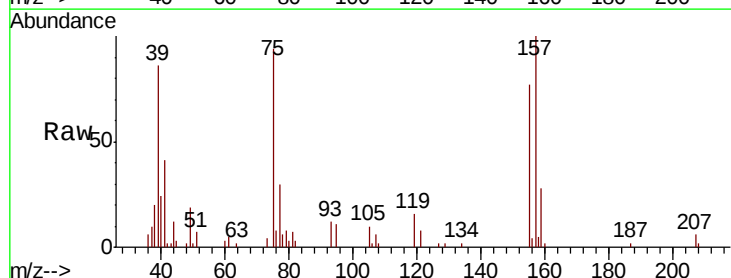
Tgt Ion: 75 Resp: 13724

Ion Ratio Lower Upper

75 100

155 84.2 42.0 126.0

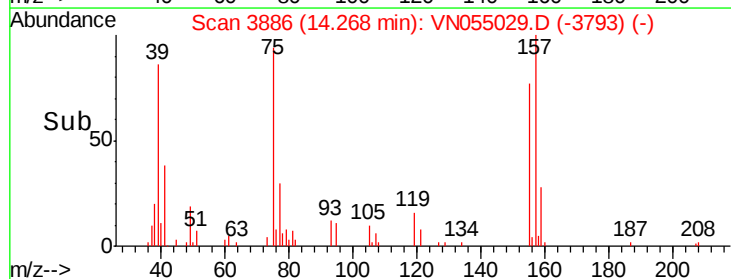
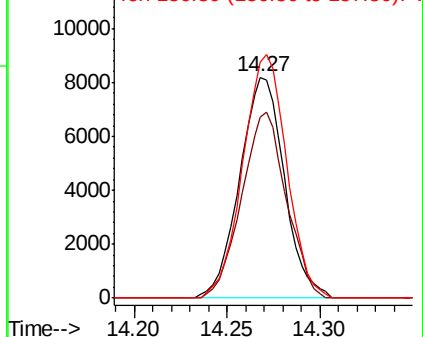
157 108.5 52.1 156.4

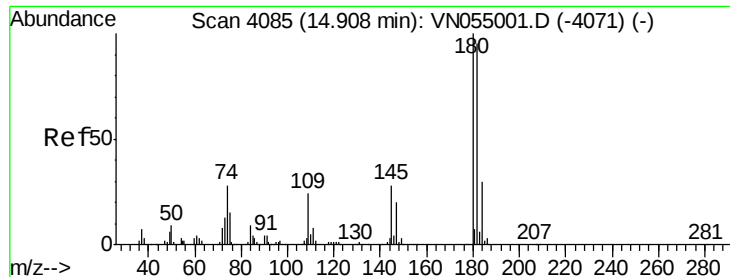


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

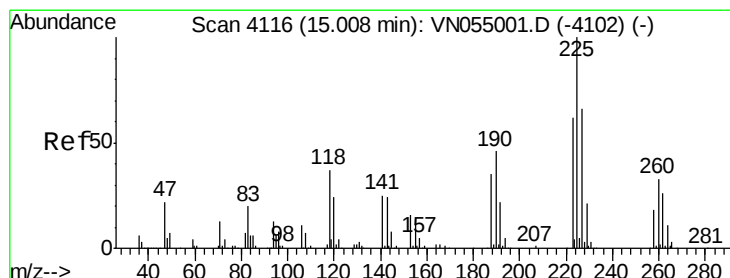
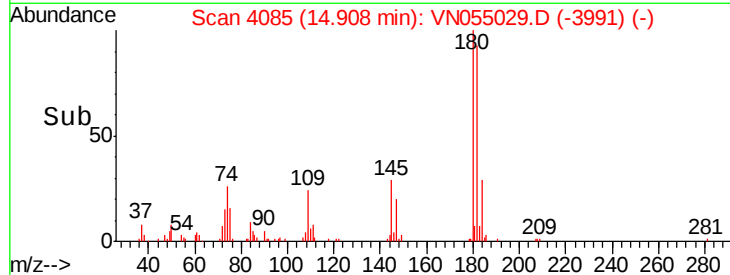
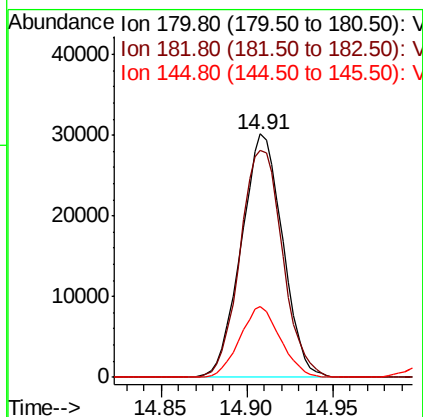
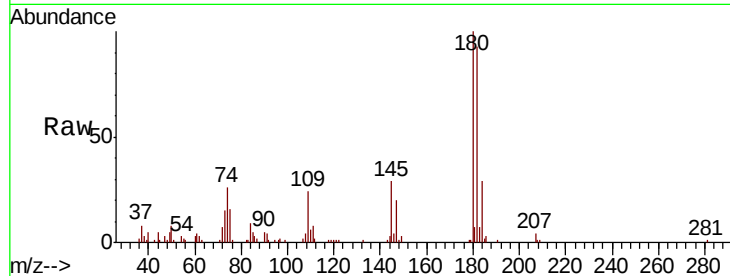




#93
 1,2,4-Trichlorobenzene
 Concen: 16.291 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

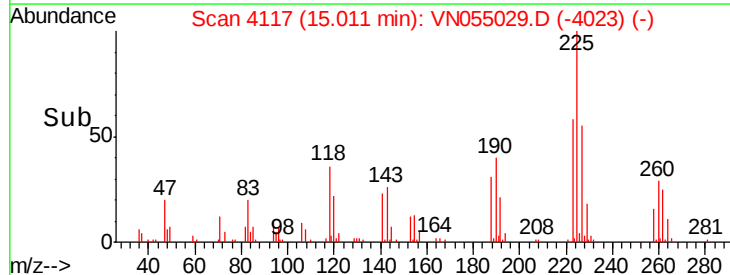
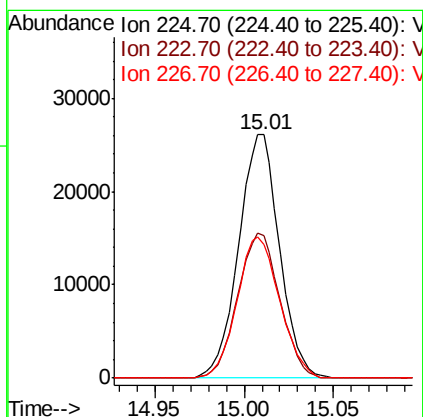
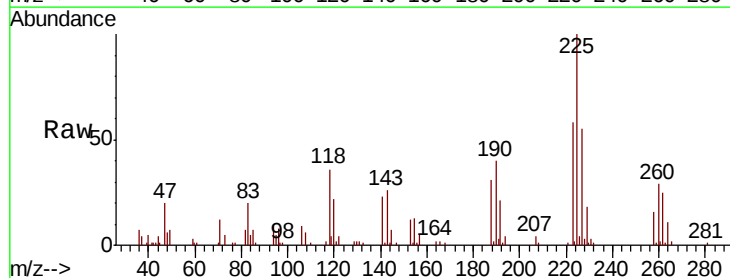
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

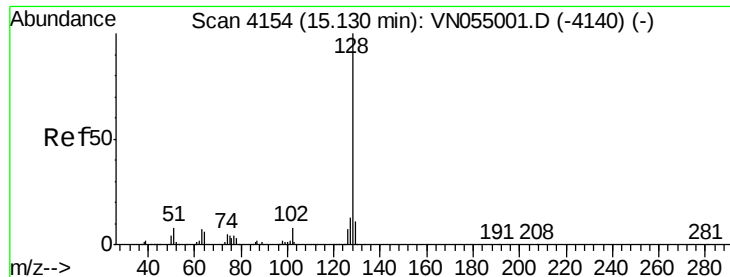
Tot Ion:180 Resp: 50382
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.6
 145 28.3 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 17.423 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055029.D
 Acq: 13 Apr 2019 15:02

Tgt Ion:225 Resp: 41749
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.4 94.0
 227 60.5 32.6 97.7





#95

Naphthalene

Concen: 17.882 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

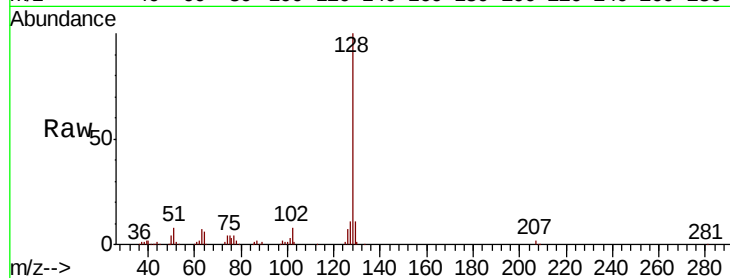
Tot Ion:128 Resp: 124761

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

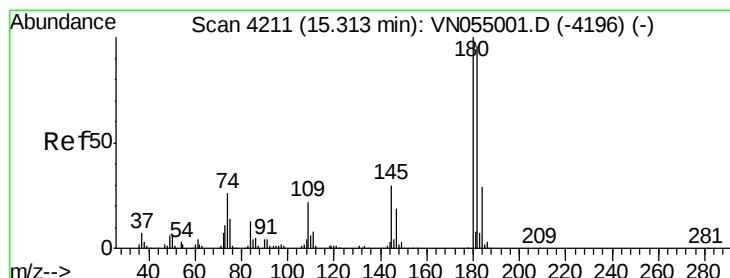
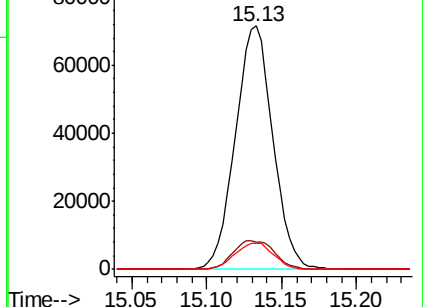
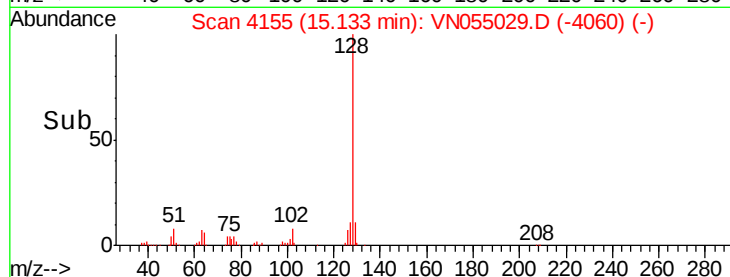
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.953 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055029.D

Acq: 13 Apr 2019 15:02

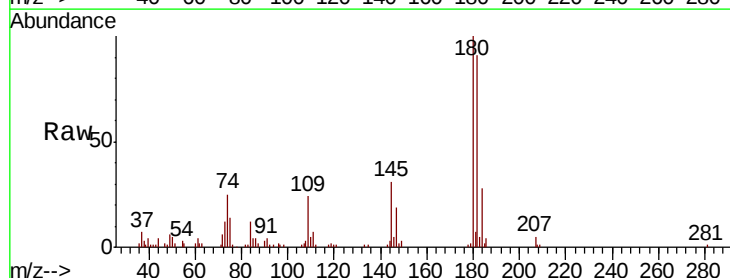
Tgt Ion:180 Resp: 56506

Ion Ratio Lower Upper

180 100

182 93.8 48.0 144.0

145 30.6 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

