

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054817.D
 Acq On : 30 Mar 2019 21:45
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 22:44:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	415064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	702921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	614682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	307376	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.59	113	239856	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.09	98	883895	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	298330	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	202591	48.255	ug/l	100
3) Chloromethane	2.06	50	278966	48.056	ug/l	100
4) Vinyl Chloride	2.19	62	260888	50.045	ug/l	99
5) Bromomethane	2.57	94	88877	31.695	ug/l	99
6) Chloroethane	2.71	64	144768	49.732	ug/l	99
7) Trichlorofluoromethane	3.02	101	332593	51.894	ug/l	97
8) Diethyl Ether	3.41	74	115026	55.737	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163909	48.582	ug/l	95
10) Methyl Iodide	3.94	142	154524	33.456	ug/l #	88
11) Tert butyl alcohol	4.83	59	113115	388.019	ug/l	97
12) 1,1-Dichloroethene	3.73	96	172865	52.983	ug/l #	76
13) Acrolein	3.61	56	65984	253.188	ug/l	98
14) Allyl chloride	4.31	41	424138	52.777	ug/l #	91
15) Acrylonitrile	5.00	53	531379	327.940	ug/l	99
16) Acetone	3.82	43	371961	278.779	ug/l #	82
17) Carbon Disulfide	4.04	76	449703	42.496	ug/l	99
18) Methyl Acetate	4.33	43	240251	69.490	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	673456	59.009	ug/l	92
20) Methylene Chloride	4.54	84	248810	52.866	ug/l #	81
21) trans-1,2-Dichloroethene	5.03	96	228228	53.256	ug/l	87
22) Diisopropyl ether	5.96	45	905889	56.994	ug/l #	93
23) Vinyl Acetate	5.90	43	3478782	314.507	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	465445	54.895	ug/l	98
25) 2-Butanone	6.85	43	683371	346.488	ug/l #	87
26) 2,2-Dichloropropane	6.83	77	244949	41.219	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	266517	55.052	ug/l	90
28) Bromochloromethane	7.20	49	241060	56.858	ug/l #	71
29) Tetrahydrofuran	7.22	42	465560	339.864	ug/l #	84
30) Chloroform	7.37	83	452106	55.920	ug/l	98
31) Cyclohexane	7.65	56	422202	54.849	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	377795	56.387	ug/l	96
36) 1,1-Dichloropropene	7.79	75	333618	50.935	ug/l	95
37) Ethyl Acetate	6.94	43	302246	62.926	ug/l #	94
38) Carbon Tetrachloride	7.77	117	318278	50.030	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	346515	48.121	ug/l	87
40) Benzene	8.04	78	1016891	54.258	ug/l	100
41) Methacrylonitrile	7.18	41	167545	62.095	ug/l	90
42) 1,2-Dichloroethane	8.13	62	367124	54.861	ug/l	98
43) Isopropyl Acetate	8.17	43	510635	65.428	ug/l #	93
44) Trichloroethene	8.84	130	255134	52.442	ug/l	90
45) 1,2-Dichloropropane	9.12	63	284788	53.291	ug/l	99
46) Dibromomethane	9.21	93	166391	55.349	ug/l	89
47) Bromodichloromethane	9.41	83	348675	55.808	ug/l	98
48) Methyl methacrylate	9.20	41	262921	62.147	ug/l	87
49) 1,4-Dioxane	9.20	88	57318	1365.455	ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	1495731	340.878	ug/l	93
52) Toluene	10.16	92	600930	53.885	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	328402	55.878	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	388253	55.303	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	232630	56.099	ug/l	96
56) Ethyl methacrylate	10.43	69	334406	61.476	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	407242	57.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	663664	281.855	ug/l #	89
59) 2-Hexanone	10.75	43	951568	338.763	ug/l	90
60) Dibromochloromethane	10.90	129	246565	58.698	ug/l	100
61) 1,2-Dibromoethane	11.01	107	227971	57.527	ug/l	99
64) Tetrachloroethene	10.63	164	232692	49.332	ug/l	96
65) Chlorobenzene	11.44	112	620496	51.558	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	243156	53.979	ug/l	99
67) Ethyl Benzene	11.51	91	1128269	51.952	ug/l	97
68) m/p-Xylenes	11.62	106	830289	103.311	ug/l	94
69) o-Xylene	11.95	106	403729	51.229	ug/l	93
70) Styrene	11.97	104	685045	54.365	ug/l	97
71) Bromoform	12.13	173	159024	60.260	ug/l #	99
73) Isopropylbenzene	12.25	105	1075346	49.310	ug/l	97
74) N-amyl acetate	12.07	43	409866	60.327	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	308784	64.735	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	355931	76.791	ug/l #	100
77) Bromobenzene	12.53	156	267711	50.864	ug/l	83
78) n-propylbenzene	12.59	91	1189114	49.610	ug/l	95
79) 2-Chlorotoluene	12.68	91	725967	48.956	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	882144	49.298	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	62289	52.273	ug/l #	84
82) 4-Chlorotoluene	12.77	91	714319	49.594	ug/l	95
83) tert-Butylbenzene	12.99	119	760727	55.080	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	872852	51.201	ug/l	96
85) sec-Butylbenzene	13.17	105	950937	48.920	ug/l	96
86) p-Isopropyltoluene	13.29	119	821134	47.895	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	441249	50.074	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	432034	49.988	ug/l	99
89) n-Butylbenzene	13.62	91	663700	47.448	ug/l	98
90) Hexachloroethane	13.88	117	141805	48.715	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	446638	50.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48537	65.105	ug/l	82

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

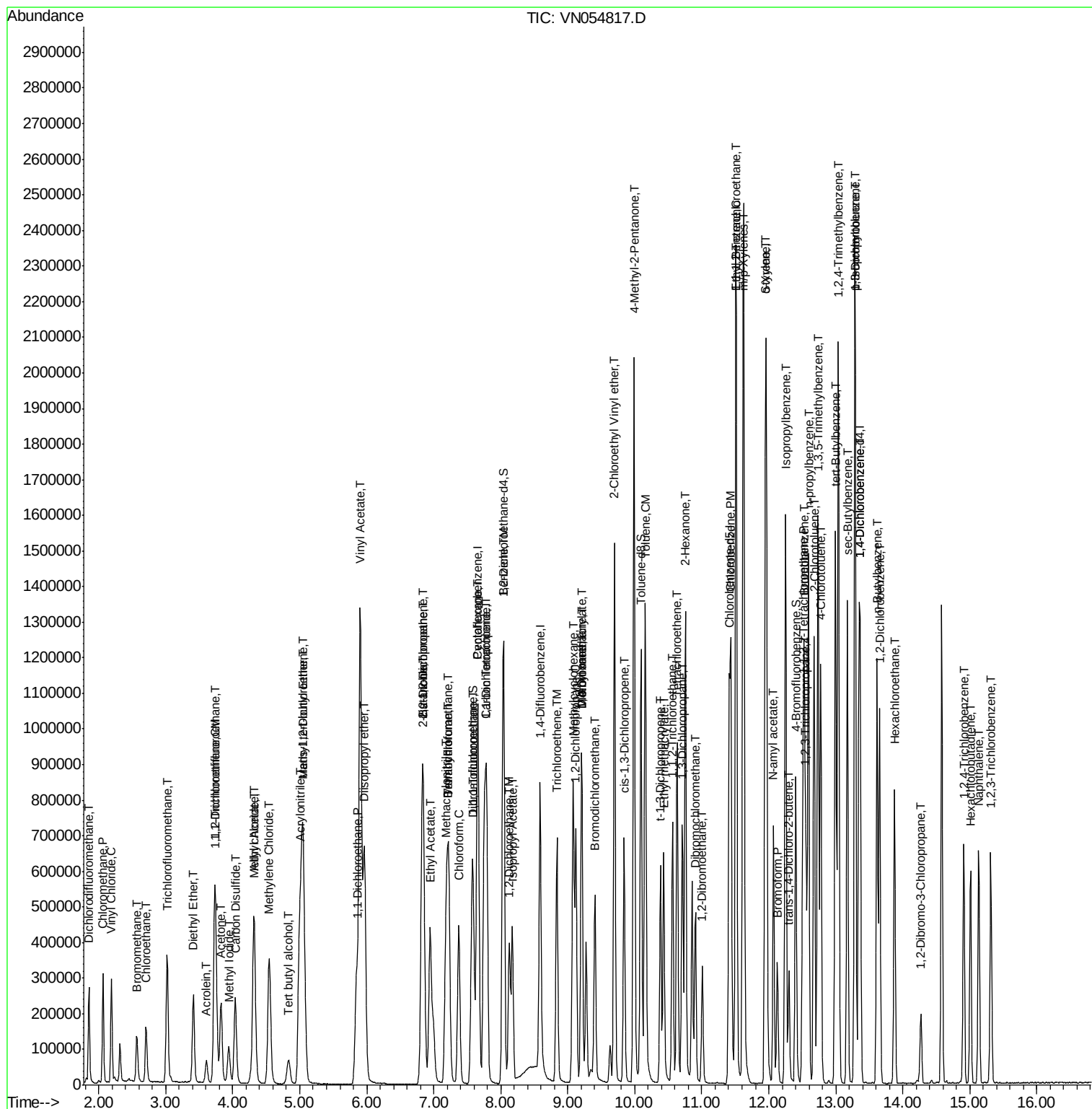
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217280	50.678	ug/l	99
94) Hexachlorobutadiene	15.01	225	120271	47.250	ug/l	98
95) Naphthalene	15.13	128	555452	57.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	223235	51.555	ug/l	98

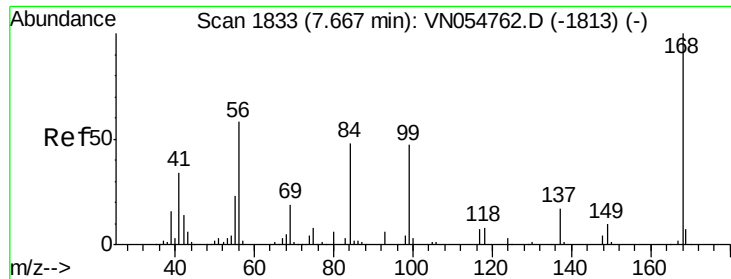
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

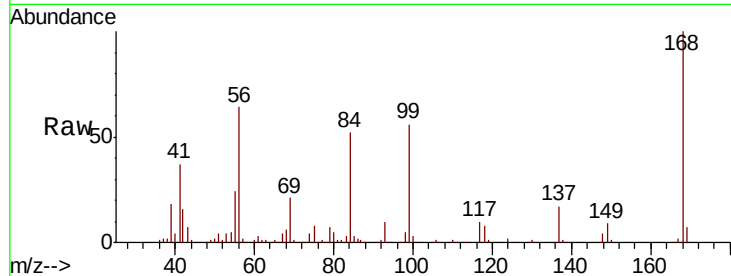
ClientSampled :

Tot Ion:168 Resp: 415064

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

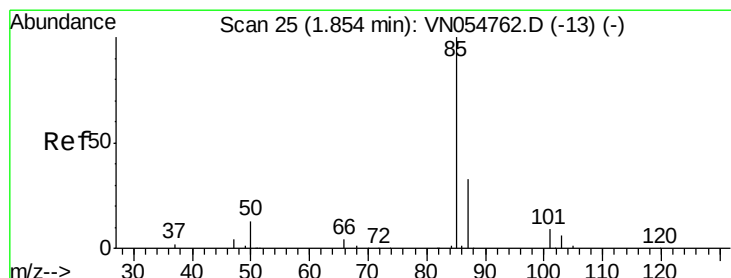
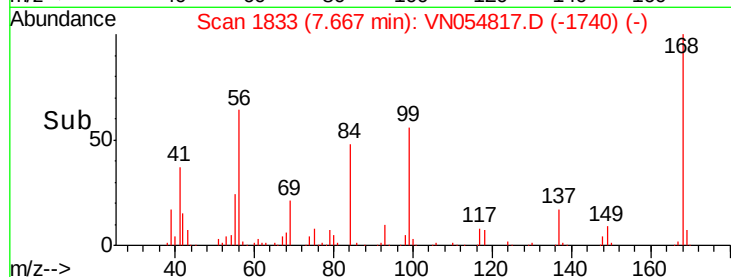
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.255 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054817.D

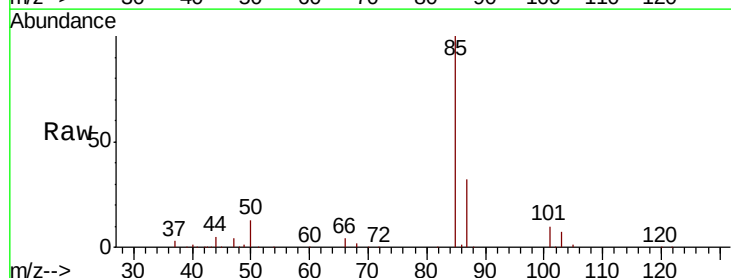
Acq: 30 Mar 2019 21:45

Tgt Ion: 85 Resp: 202591

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

150000

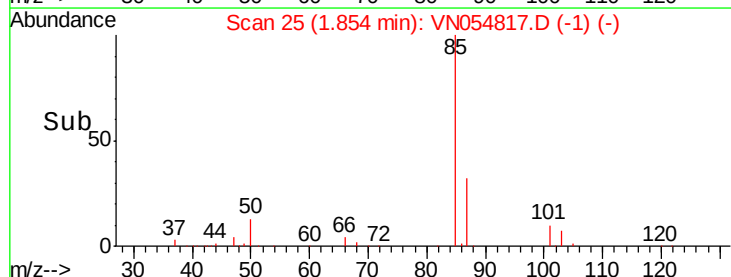
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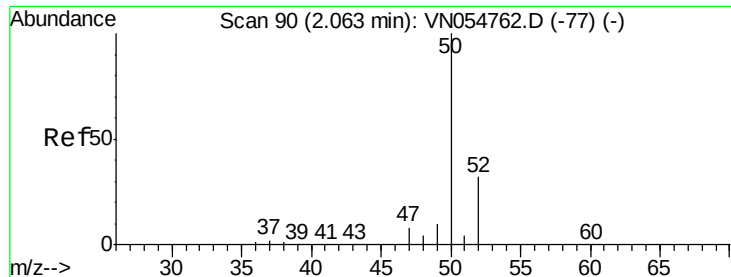
50000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.056 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

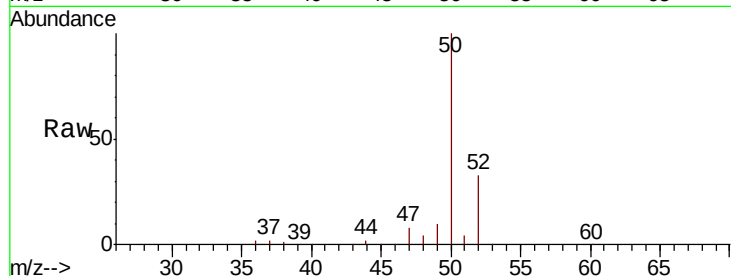
ClientSampled :

Tot Ion: 50 Resp: 278966

Ion Ratio Lower Upper

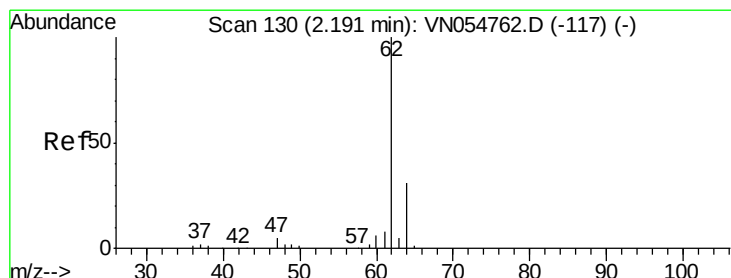
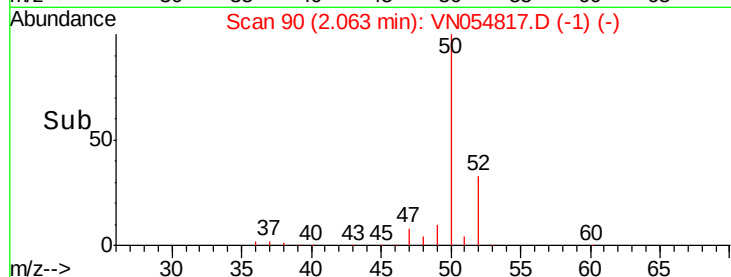
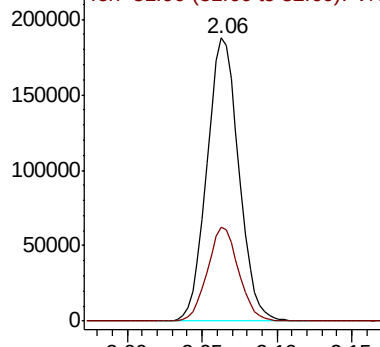
50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 50.045 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054817.D

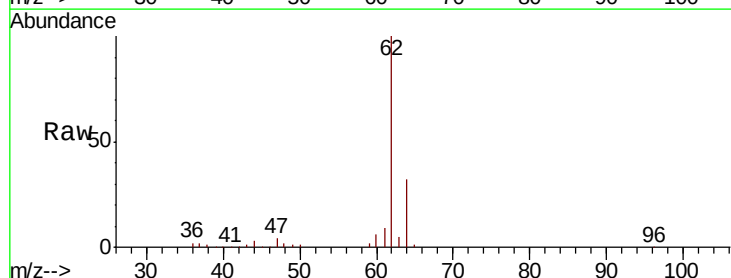
Acq: 30 Mar 2019 21:45

Tgt Ion: 62 Resp: 260888

Ion Ratio Lower Upper

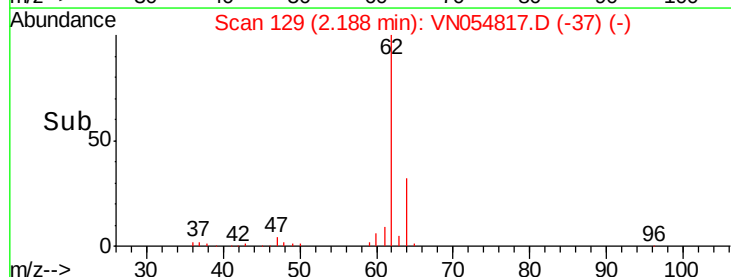
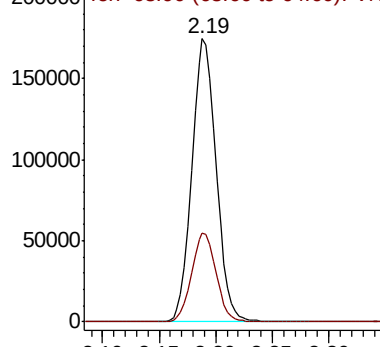
62 100

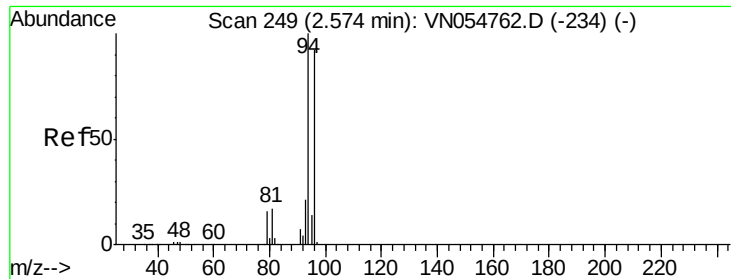
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 31.695 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

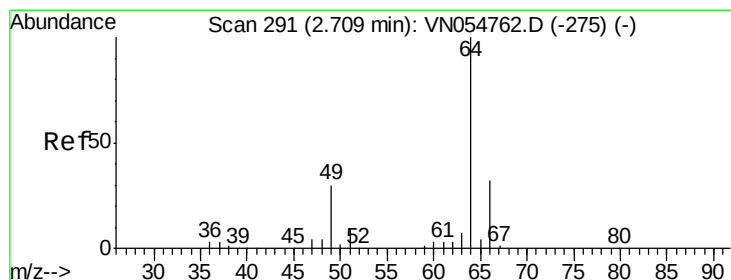
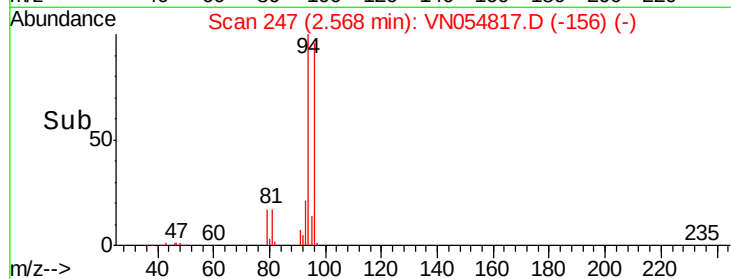
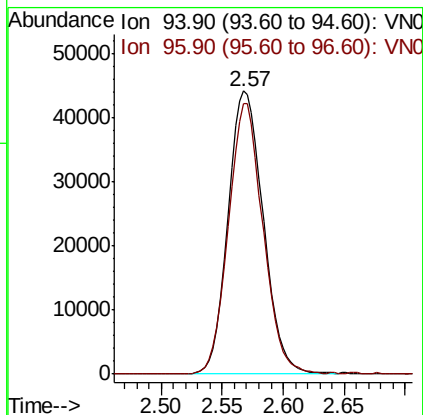
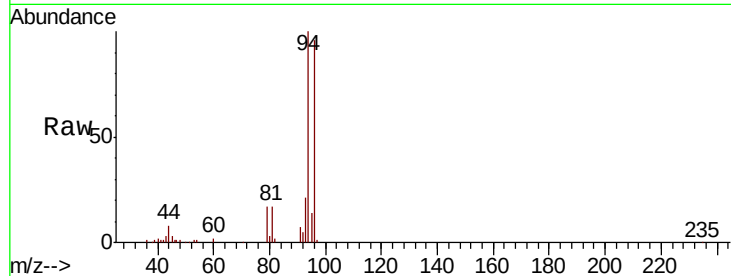
ClientSampleId :

Tot Ion: 94 Resp: 88877

Ion Ratio Lower Upper

94 100

96 95.7 77.0 115.4



#6

Chloroethane

Concen: 49.732 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054817.D

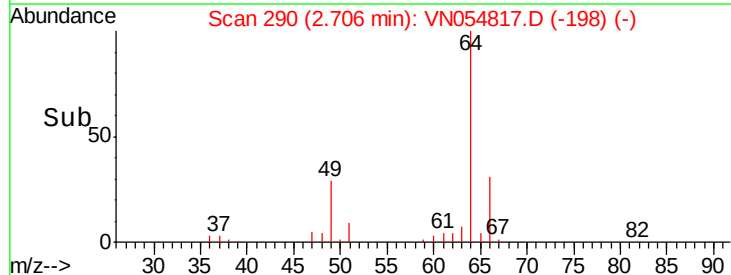
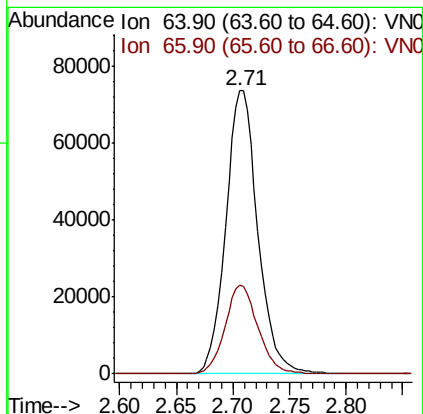
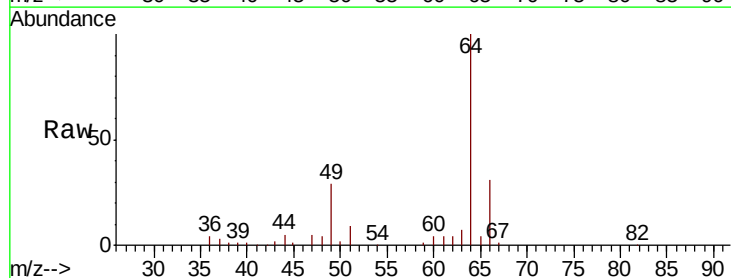
Acq: 30 Mar 2019 21:45

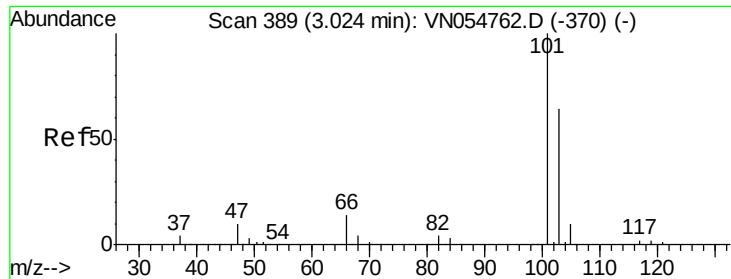
Tgt Ion: 64 Resp: 144768

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5



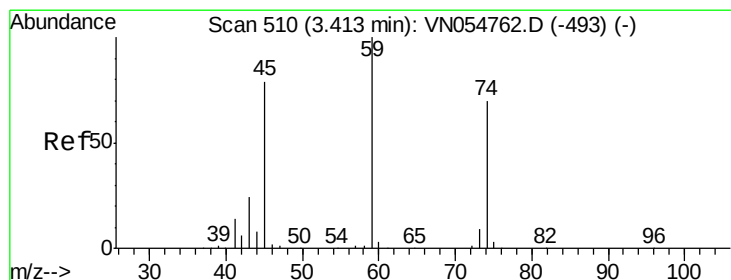
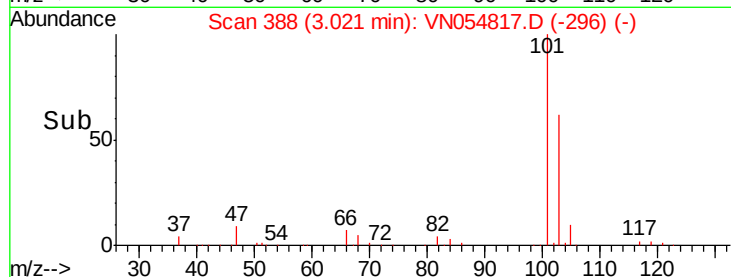
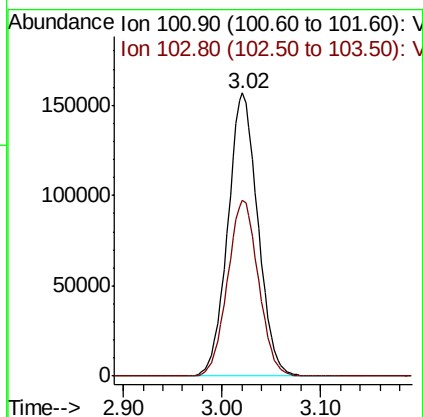
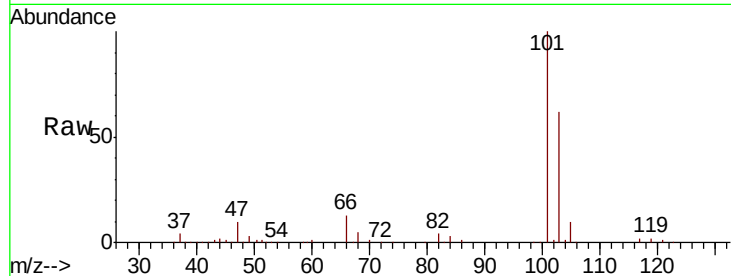


#7

Trichlorofluoromethane
Concen: 51.894 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :

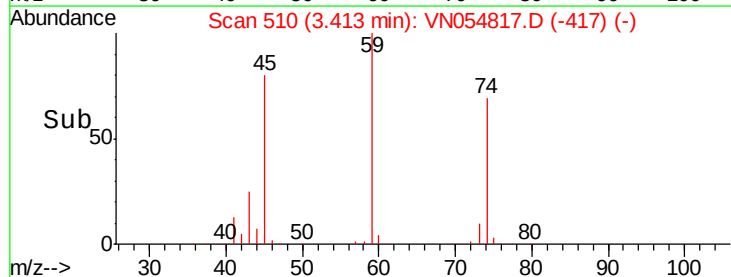
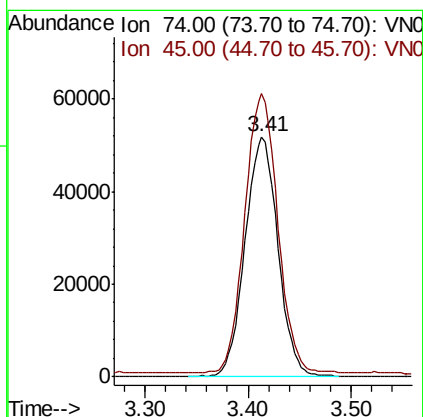
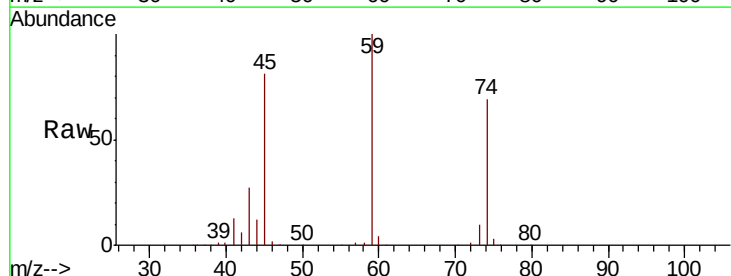
Tot Ion:101 Resp: 332593
Ion Ratio Lower Upper
101 100
103 62.2 51.4 77.2

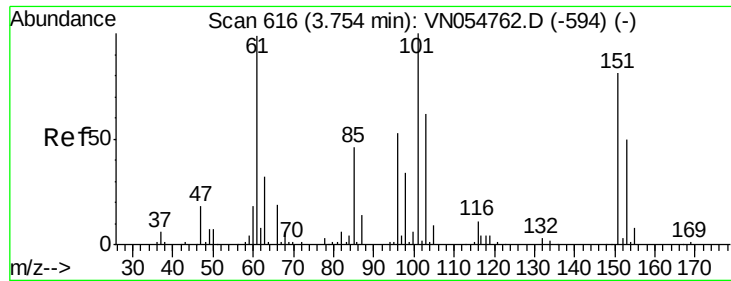


#8

Diethyl Ether
Concen: 55.737 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 74 Resp: 115026
Ion Ratio Lower Upper
74 100
45 115.6 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.582 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

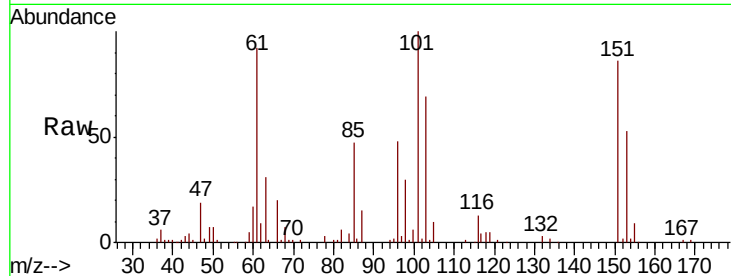
Tot Ion:101 Resp: 163909

Ion Ratio Lower Upper

101 100

85 47.4 32.4 48.6

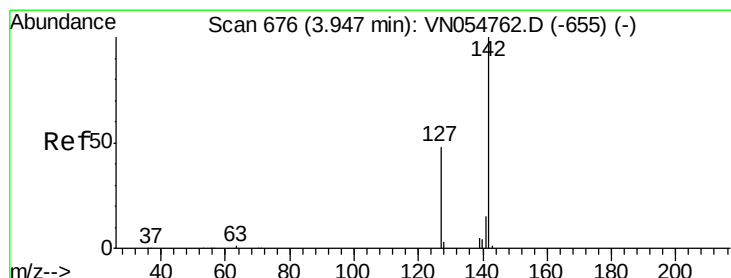
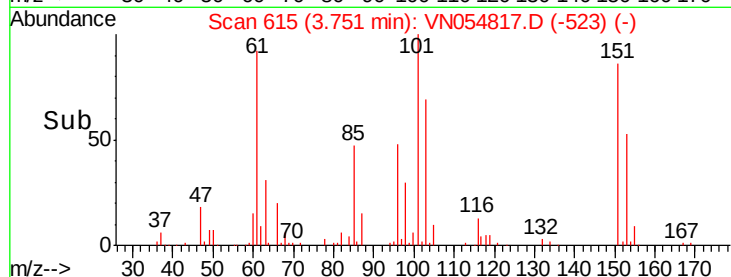
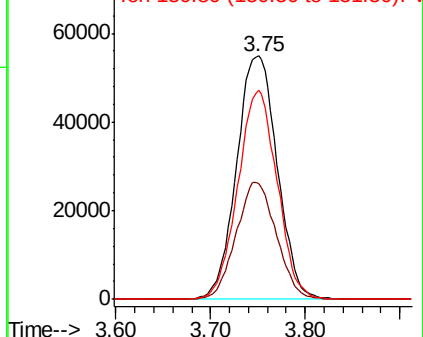
151 83.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.456 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

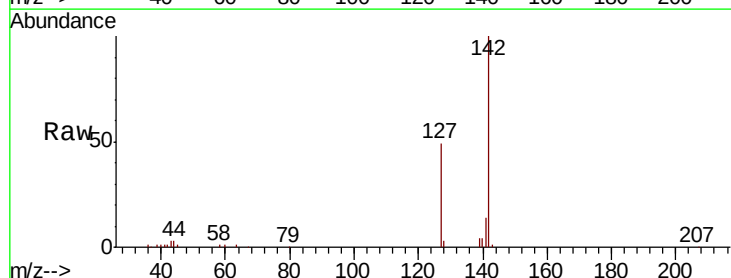
Tgt Ion:142 Resp: 154524

Ion Ratio Lower Upper

142 100

127 47.9 30.3 45.5#

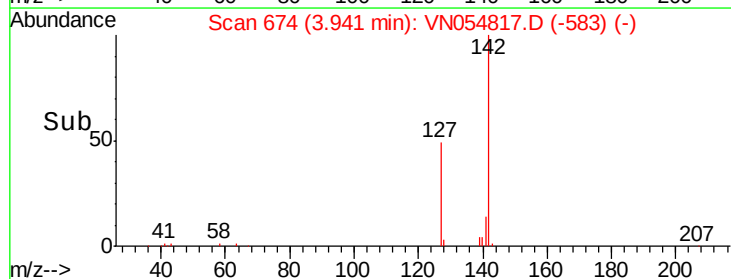
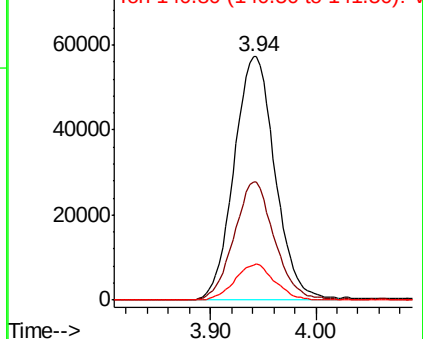
141 14.4 11.2 16.8

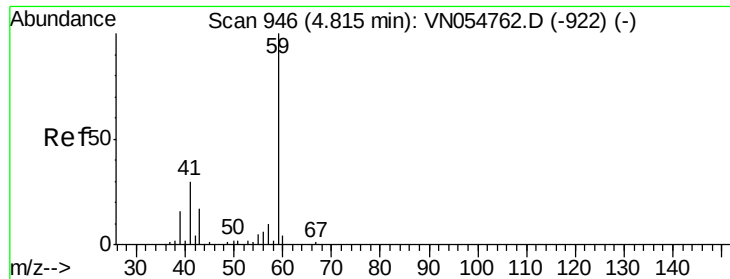


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



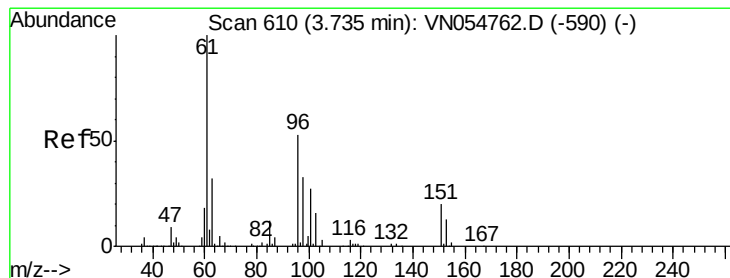
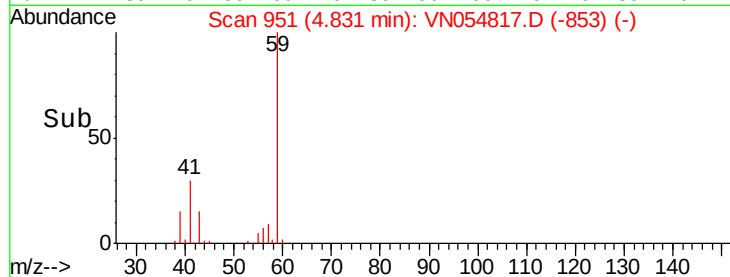
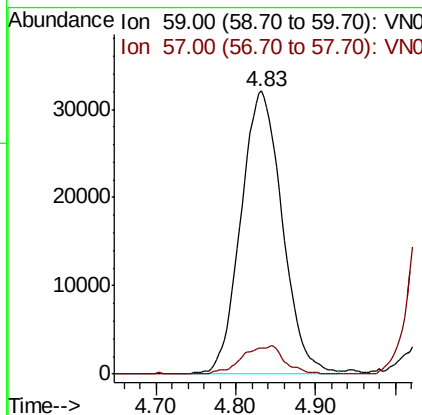
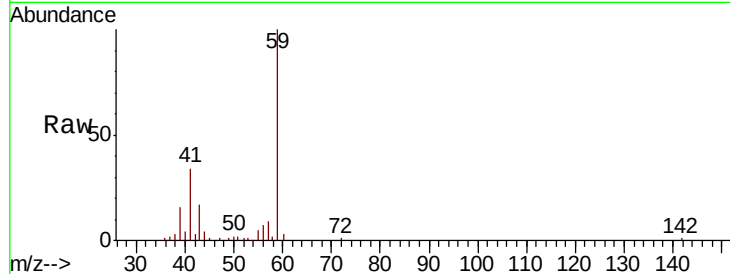


#11

Tert butyl alcohol
 Concen: 388.019 ug/l
 RT: 4.83 min Scan# 951
 Delta R.T. 0.02 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampled :

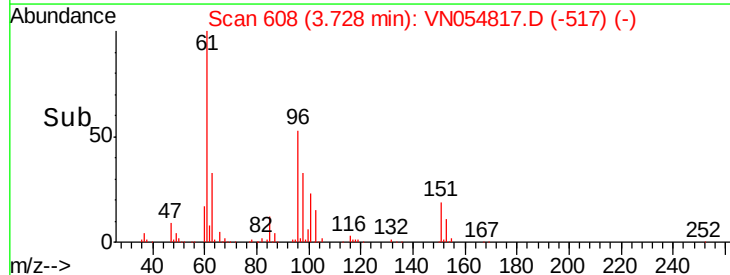
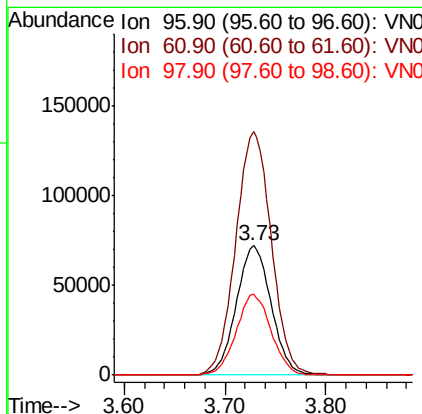
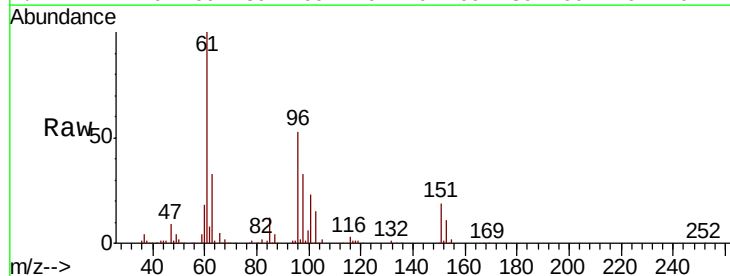
Tot Ion: 59 Resp: 113115
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

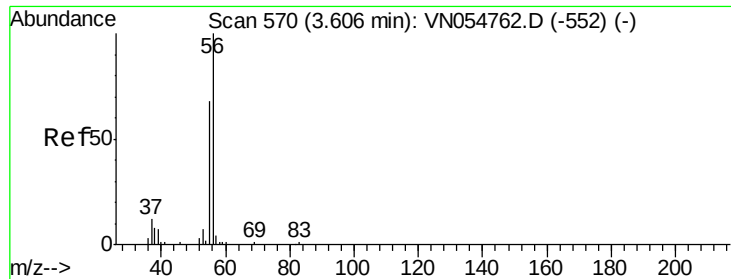


#12

1,1-Dichloroethene
 Concen: 52.983 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 96 Resp: 172865
 Ion Ratio Lower Upper
 96 100
 61 188.3 116.5 174.7#
 98 62.8 51.0 76.4





#13

Acrolein

Concen: 253.188 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

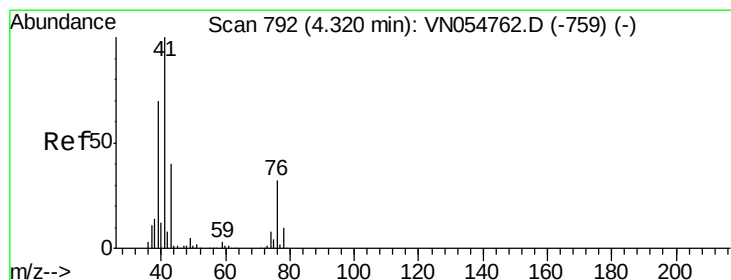
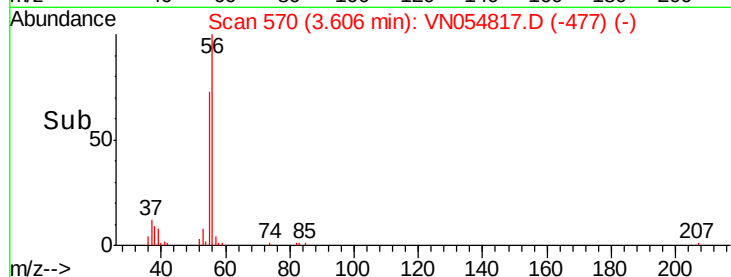
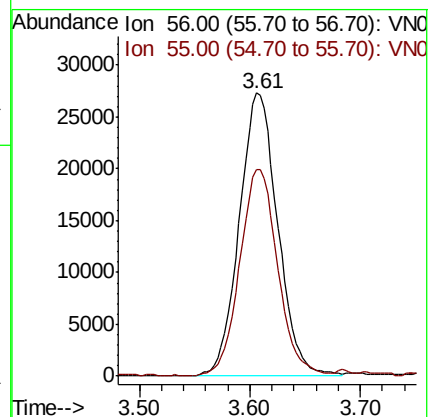
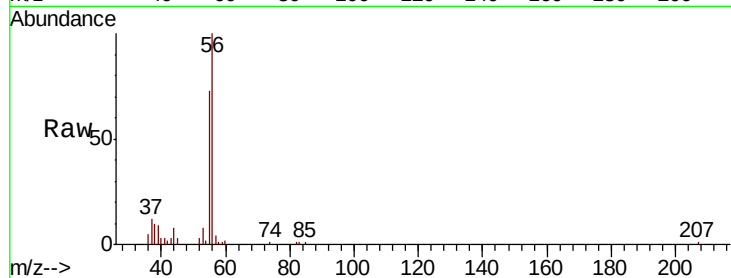
ClientSampleId :

Tot Ion: 56 Resp: 65984

Ion Ratio Lower Upper

56 100

55 72.4 56.7 85.1



#14

Allyl chloride

Concen: 52.777 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.01 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

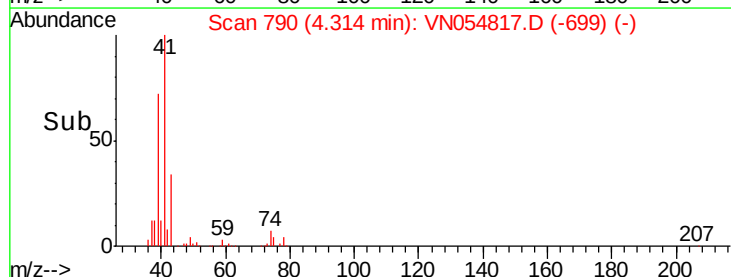
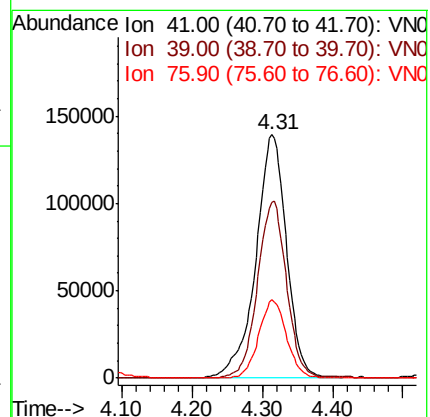
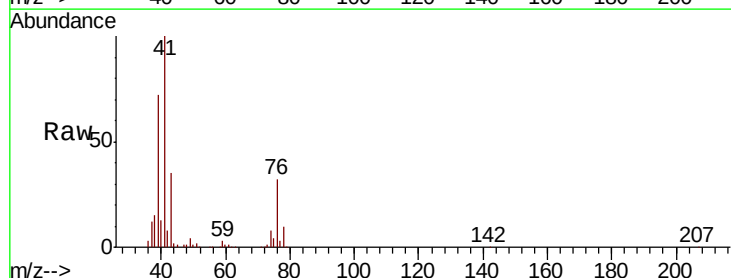
Tgt Ion: 41 Resp: 424138

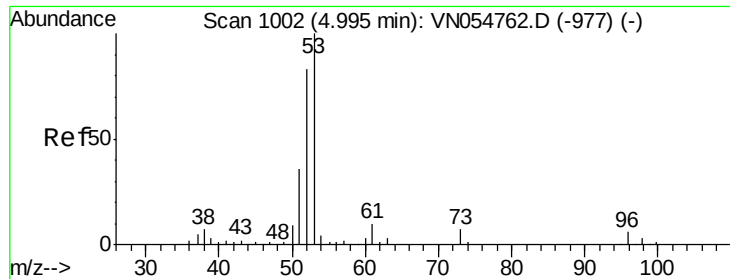
Ion Ratio Lower Upper

41 100

39 68.6 58.2 87.4

76 29.2 31.7 47.5#

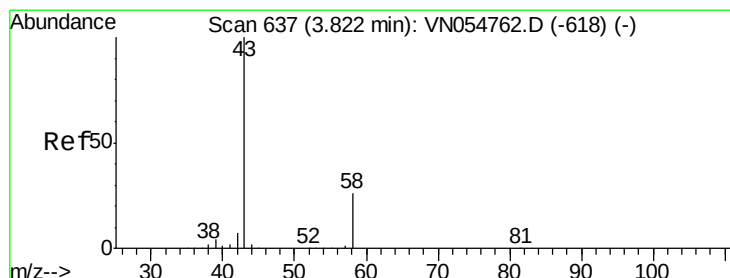
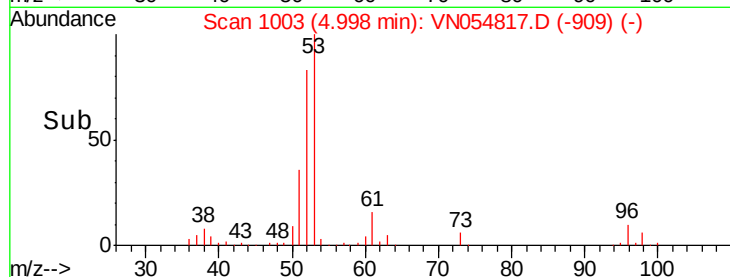
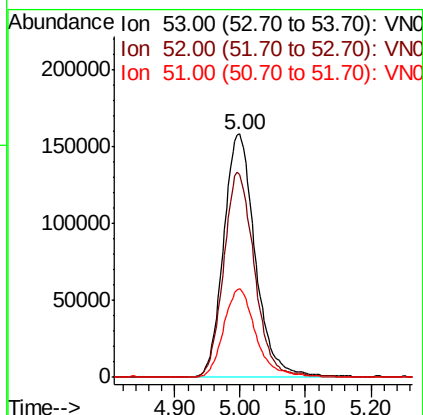
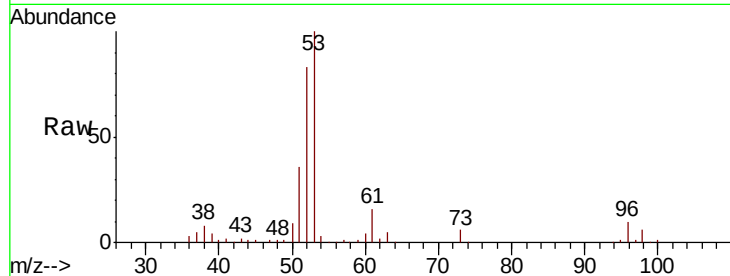




#15
 Acrylonitrile
 Concen: 327.940 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

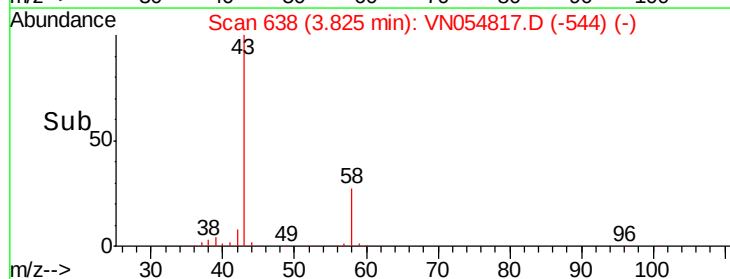
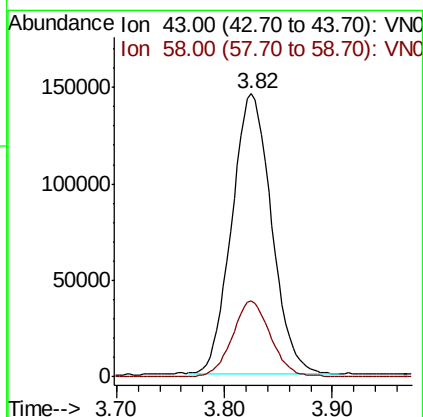
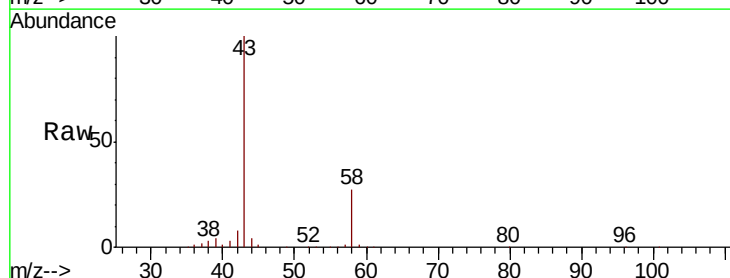
Instrument :
 MSVOA_N
 ClientSampleId :

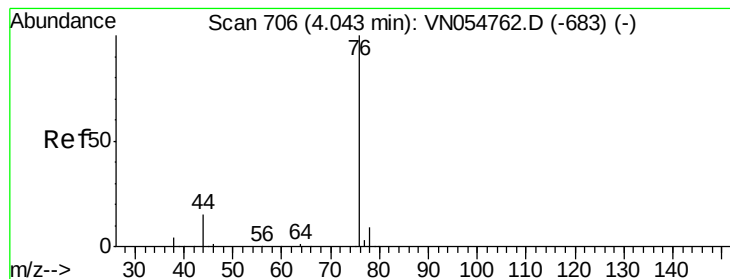
Tot Ion: 53 Resp: 531379
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.4 99.6
 51 37.2 29.6 44.4



#16
 Acetone
 Concen: 278.779 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 43 Resp: 371961
 Ion Ratio Lower Upper
 43 100
 58 26.9 29.9 44.9#





#17

Carbon Disulfide

Concen: 42.496 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

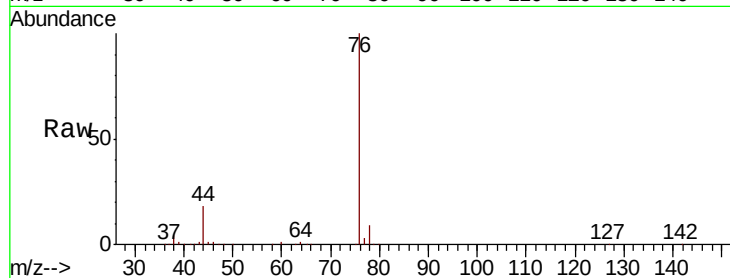
ClientSampleId :

Tot Ion: 76 Resp: 449703

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN054817.D (-613) (-)

Ion 77.90 (77.60 to 78.60): VN054817.D (-613) (-)

4.04

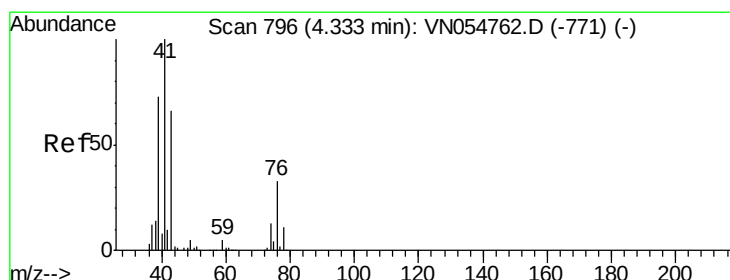
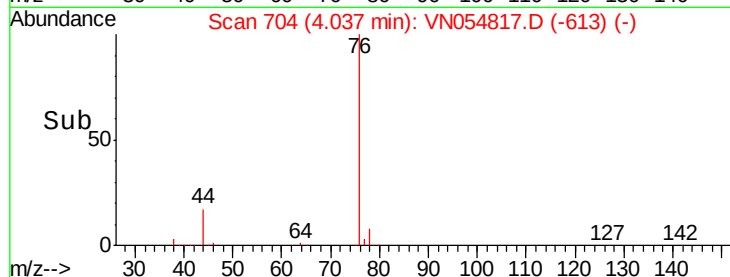
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 69.490 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054817.D

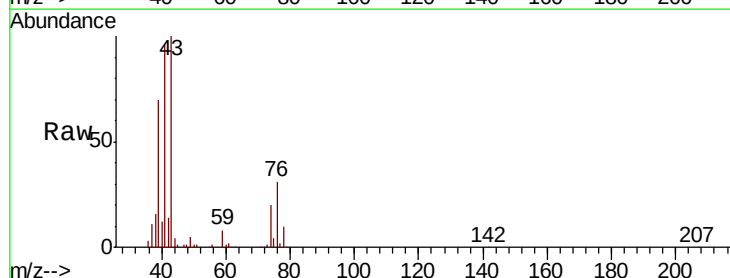
Acq: 30 Mar 2019 21:45

Tgt Ion: 43 Resp: 240251

Ion Ratio Lower Upper

43 100

74 20.2 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN054817.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN054817.D (-702) (-)

4.33

100000

80000

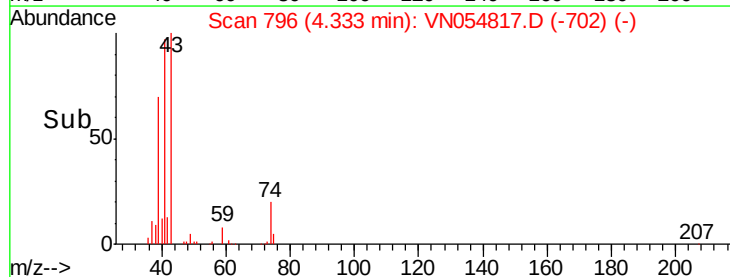
60000

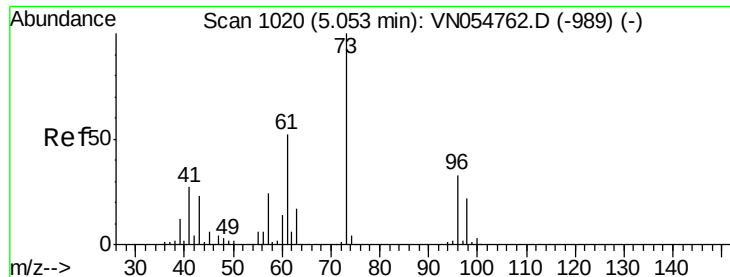
40000

20000

0

Time-->



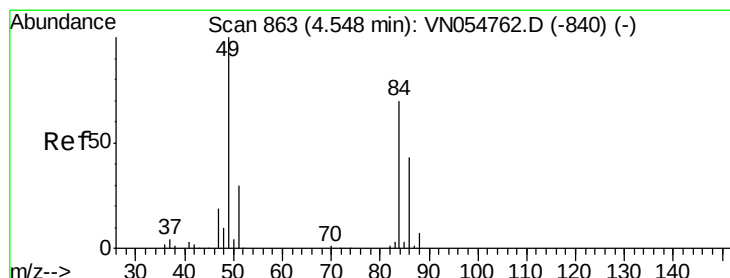
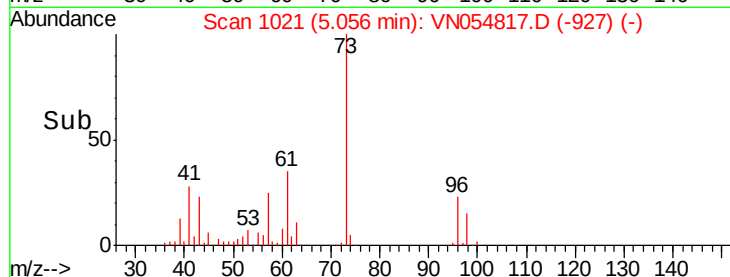
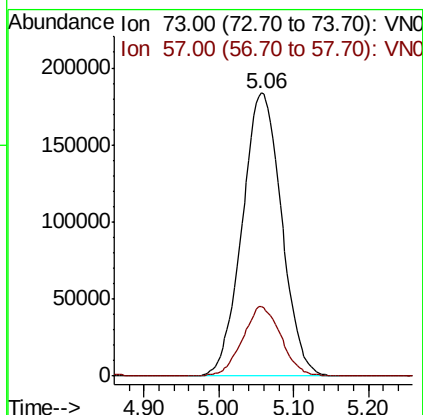
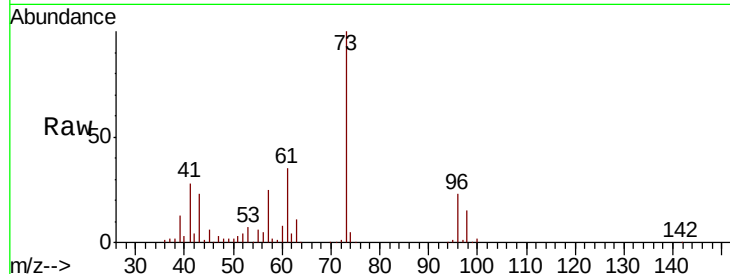


#19

Methyl tert-butyl Ether
 Concen: 59.009 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampled :

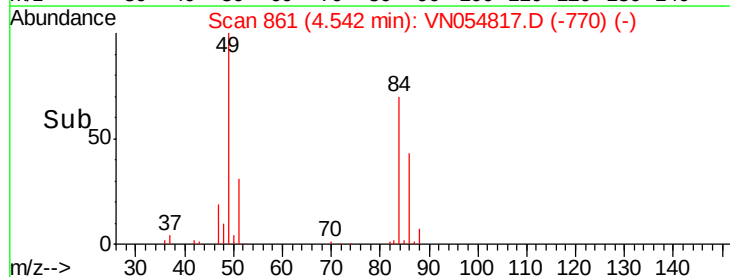
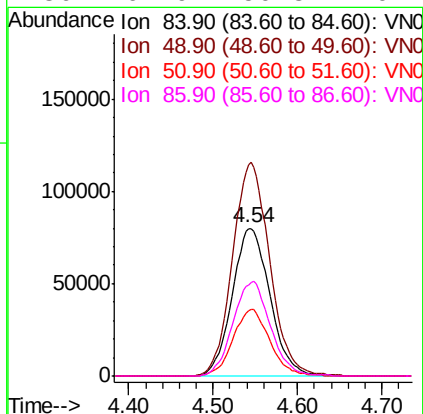
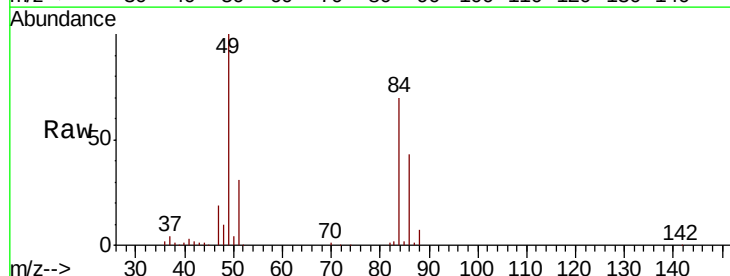
Tot Ion: 73 Resp: 673456
 Ion Ratio Lower Upper
 73 100
 57 24.8 16.8 25.2

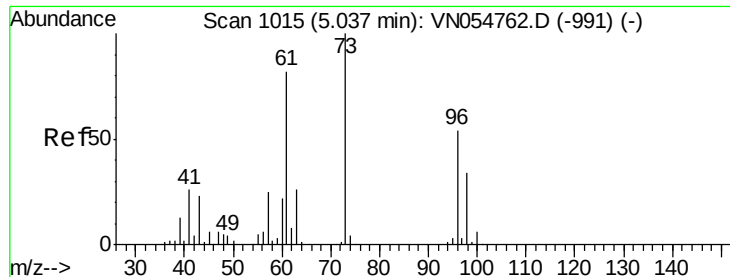


#20

Methylene Chloride
 Concen: 52.866 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 84 Resp: 248810
 Ion Ratio Lower Upper
 84 100
 49 143.3 89.7 134.5#
 51 44.4 28.2 42.4#
 86 61.9 50.8 76.2

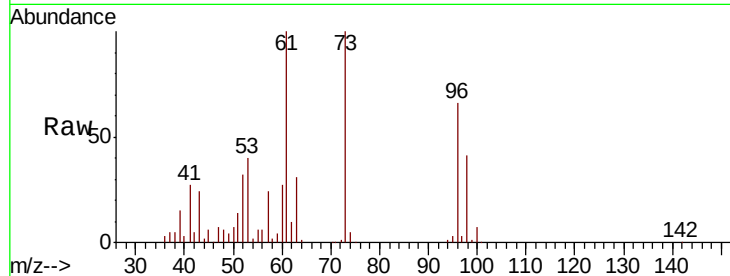




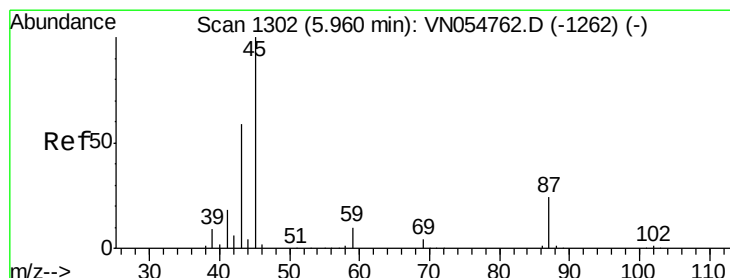
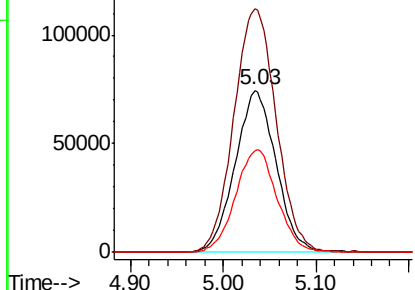
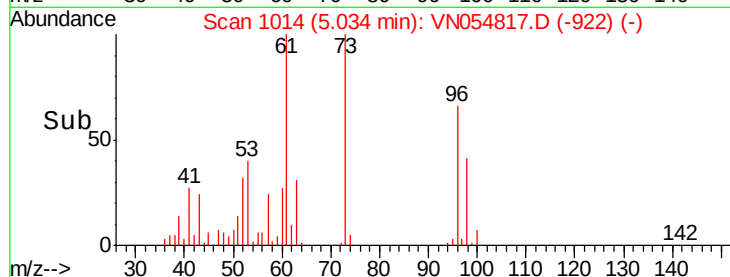
#21
trans-1,2-Dichloroethene
Concen: 53.256 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 228228
Ion Ratio Lower Upper
96 100
61 149.9 102.8 154.2
98 62.2 50.0 75.0

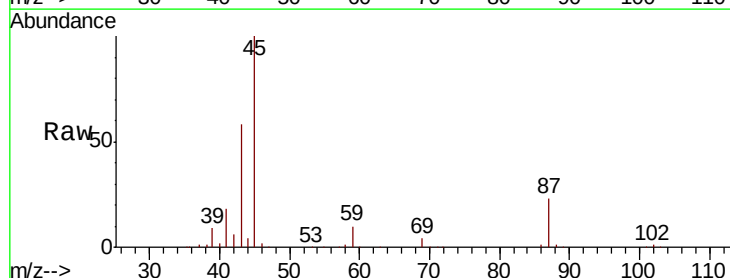


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

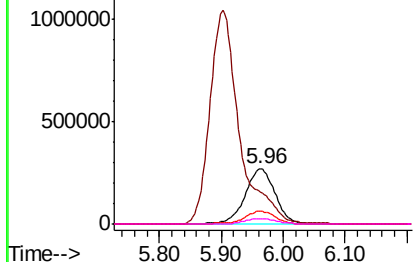
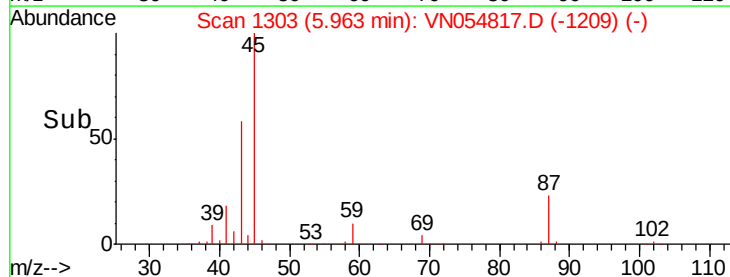


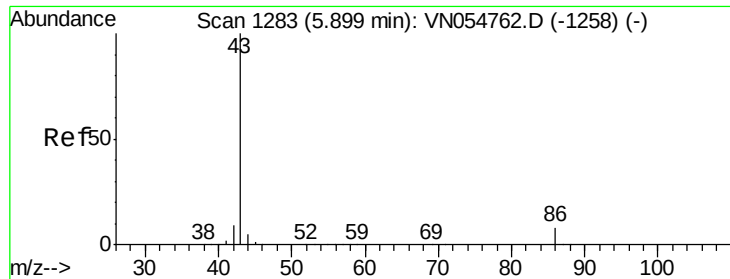
#22
Diisopropyl ether
Concen: 56.994 ug/l
RT: 5.96 min Scan# 1303
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 45 Resp: 905889
Ion Ratio Lower Upper
45 100
43 57.3 48.2 72.2
87 22.7 24.9 37.3#
59 10.3 9.5 14.3



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: 314.507 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

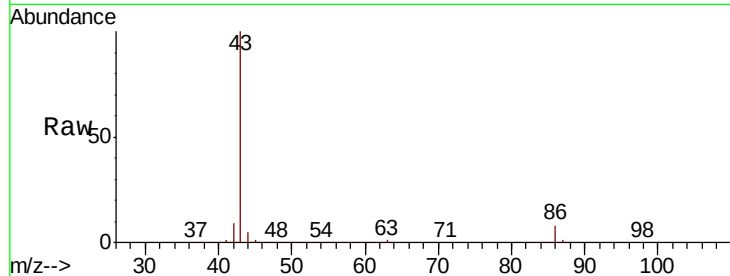
ClientSampled :

Tot Ion: 43 Resp: 3478782

Ion Ratio Lower Upper

43 100

86 8.4 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1200000

1000000

800000

600000

400000

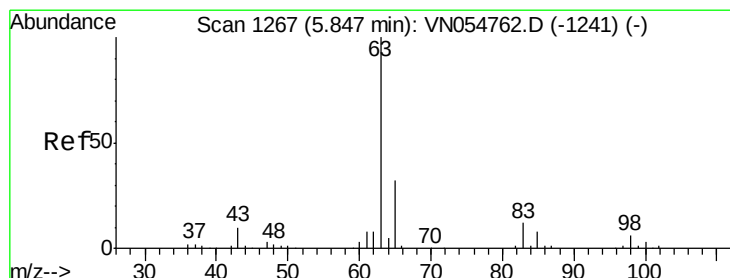
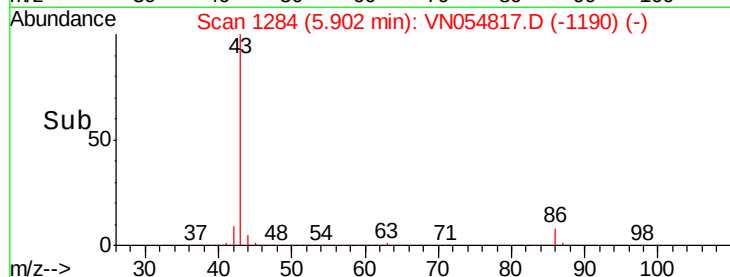
200000

0

5.80

6.00

Time-->



#24

1,1-Dichloroethane

Concen: 54.895 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

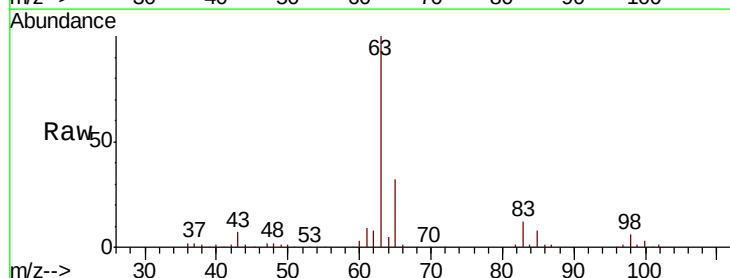
Tgt Ion: 63 Resp: 465445

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

200000

150000

100000

50000

0

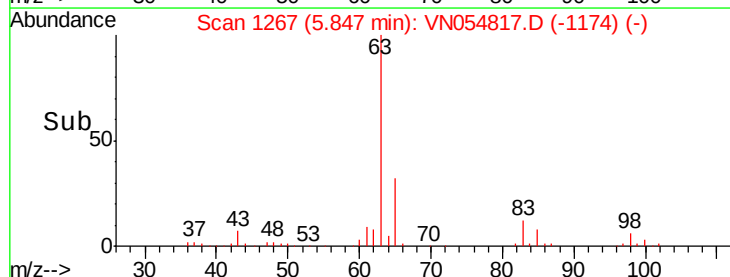
5.70

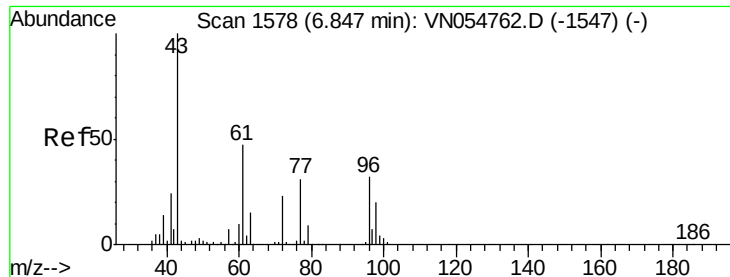
5.80

5.90

6.00

Time-->

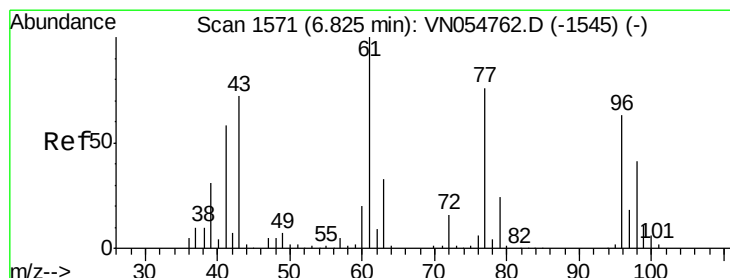
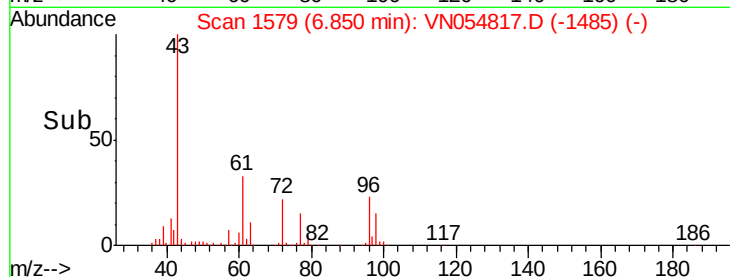
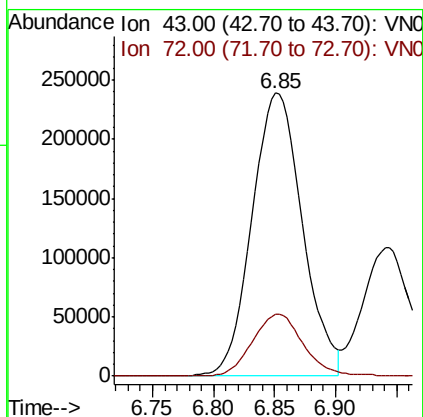
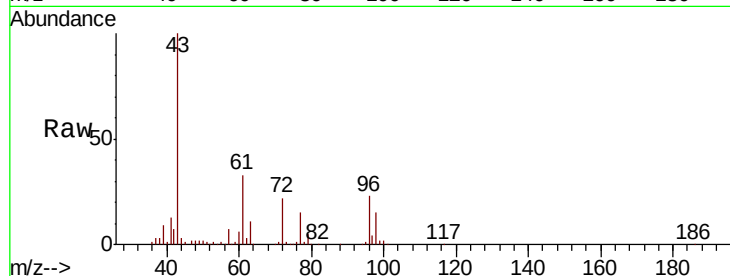




#25
2-Butanone
Concen: 346.488 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

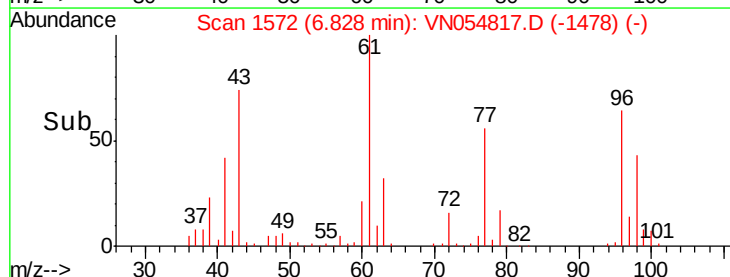
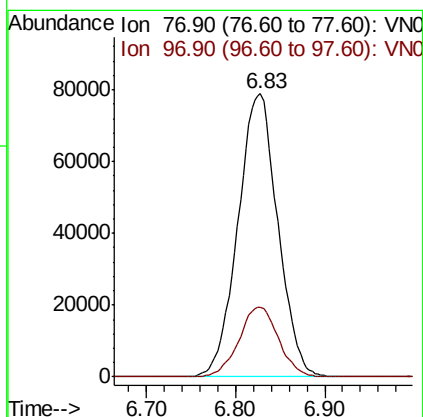
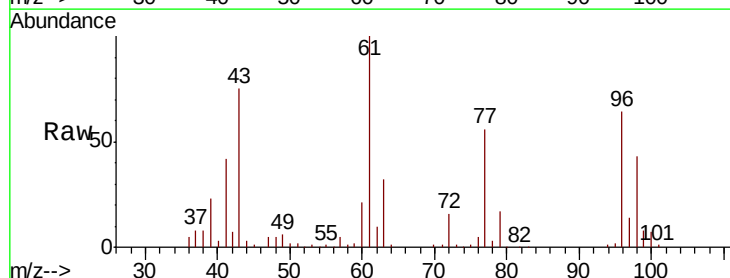
Instrument :
MSVOA_N
ClientSampled :

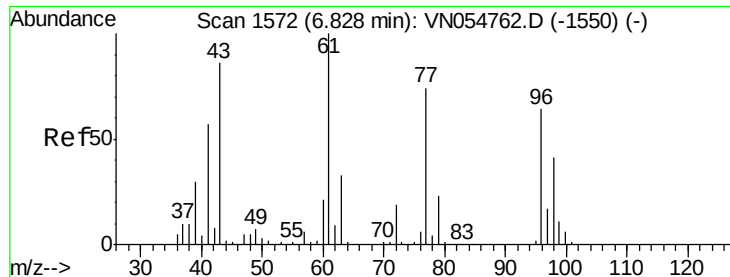
Tot Ion: 43 Resp: 683371
Ion Ratio Lower Upper
43 100
72 21.9 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 41.219 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 77 Resp: 244949
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.052 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampled :

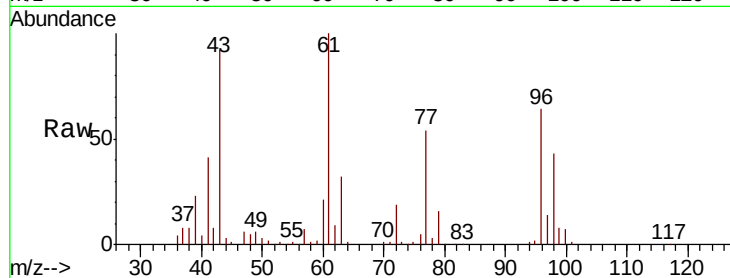
Tot Ion: 96 Resp: 266517

Ion Ratio Lower Upper

96 100

61 154.0 0.0 273.0

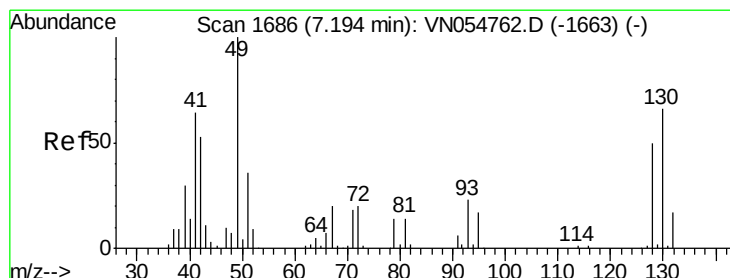
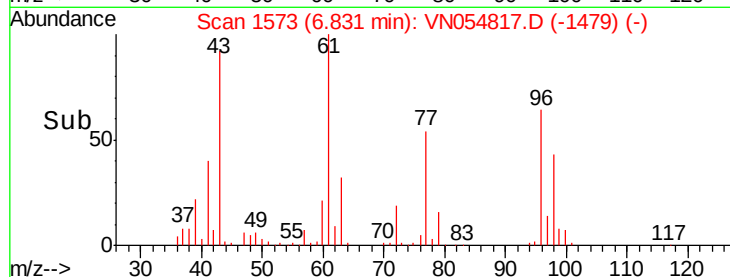
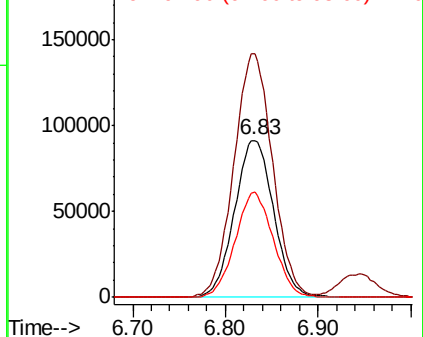
98 65.2 0.0 130.6



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



#28

Bromochloromethane

Concen: 56.858 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

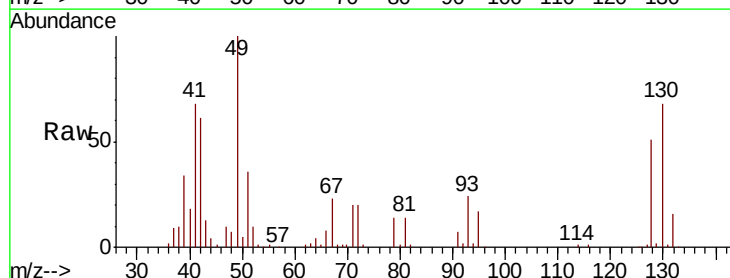
Tgt Ion: 49 Resp: 241060

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

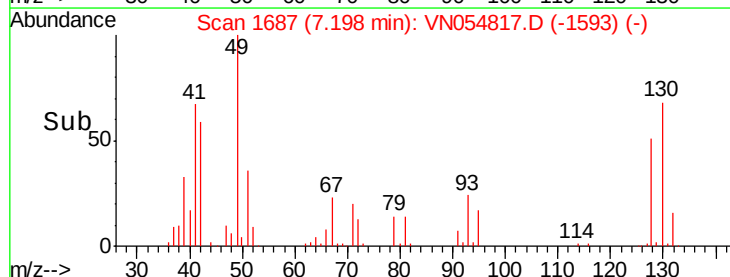
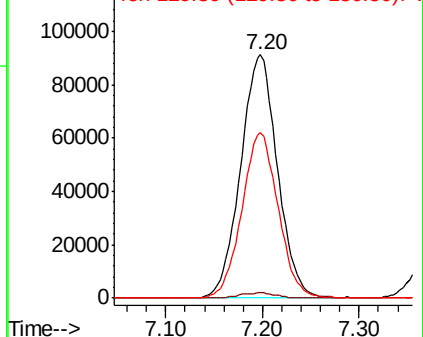
130 66.8 76.7 115.1#

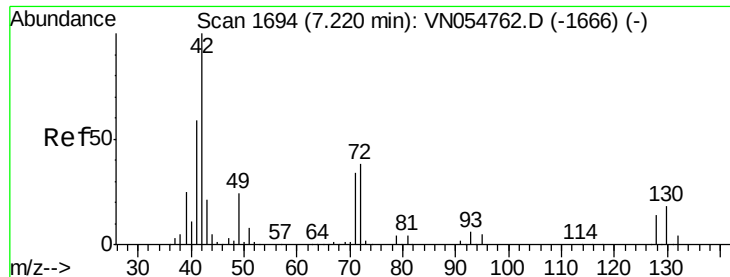


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

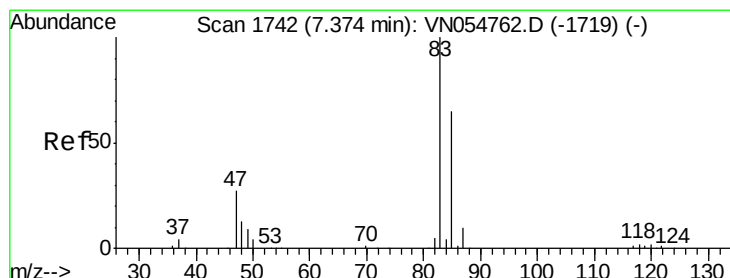
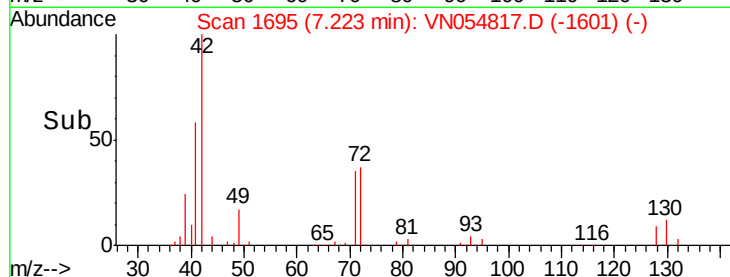
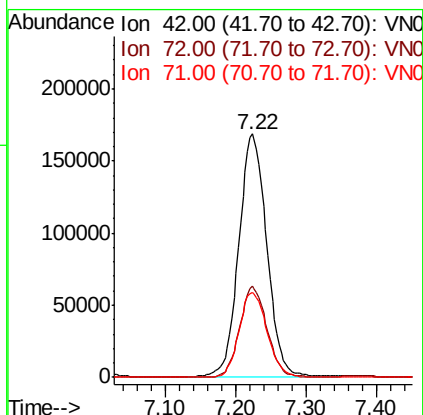
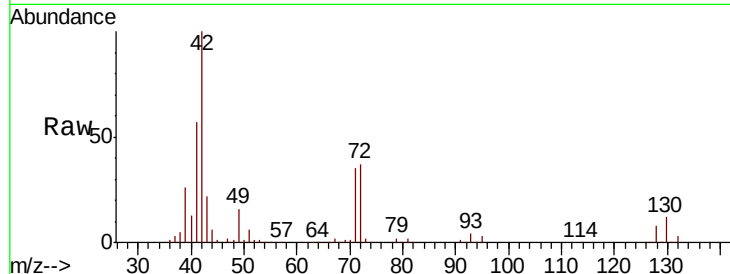




#29
Tetrahydrofuran
Concen: 339.864 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

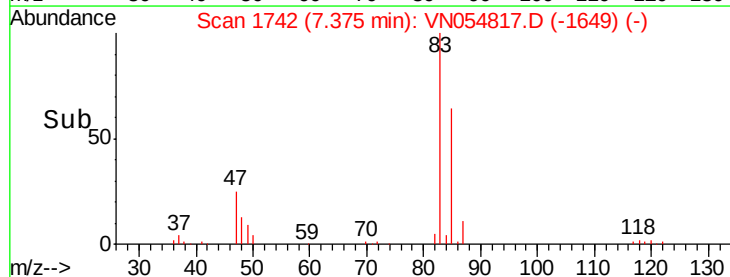
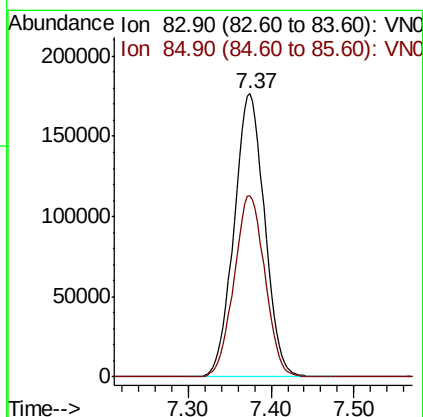
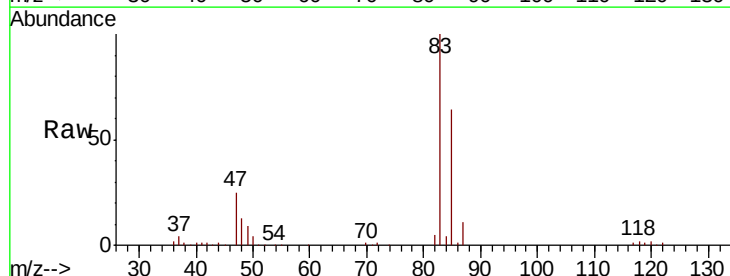
Instrument :
MSVOA_N
ClientSampleId :

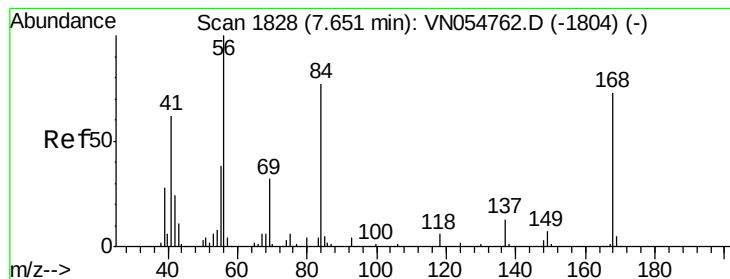
Tot Ion: 42 Resp: 465560
Ion Ratio Lower Upper
42 100
72 36.5 37.8 56.6#
71 35.0 36.2 54.2#



#30
Chloroform
Concen: 55.920 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 83 Resp: 452106
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4





#31

Cyclohexane

Concen: 54.849 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

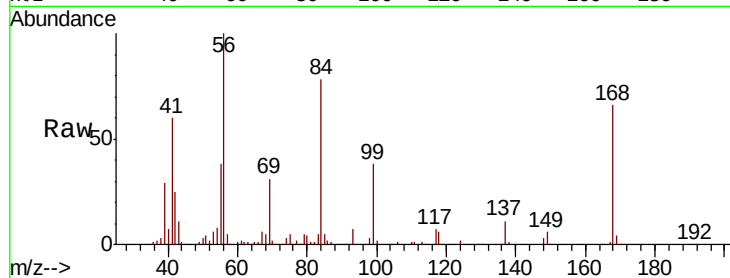
Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 422202

Ion	Ratio	Lower	Upper
56	100		
69	30.7	27.8	41.6
84	76.7	74.6	111.8

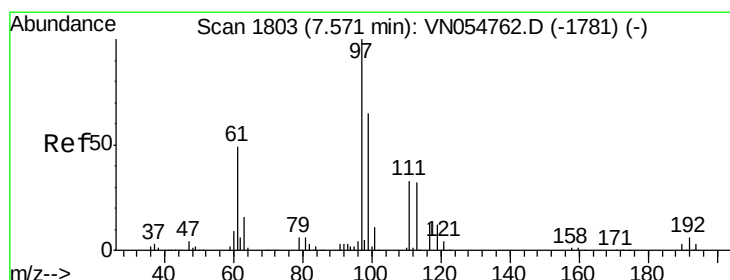
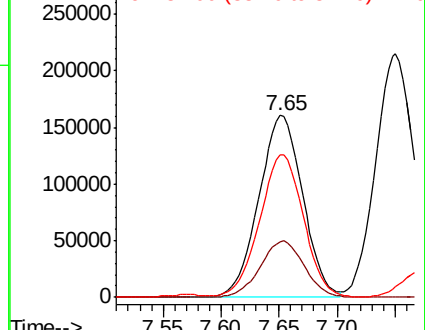
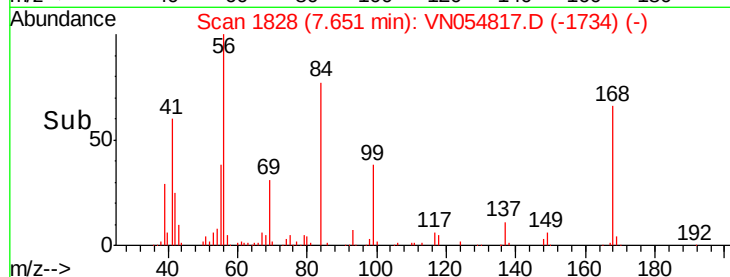


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 56.387 ug/l

RT: 7.57 min Scan# 1803

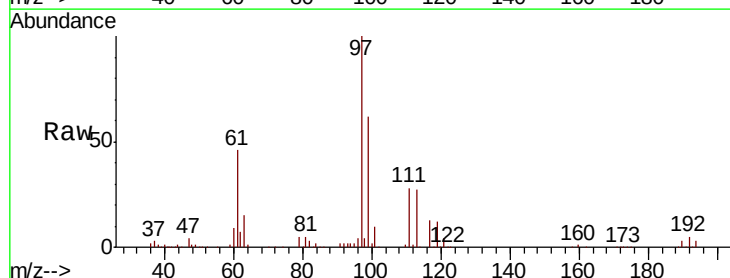
Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Tgt Ion: 97 Resp: 377795

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	47.7	33.6	50.4

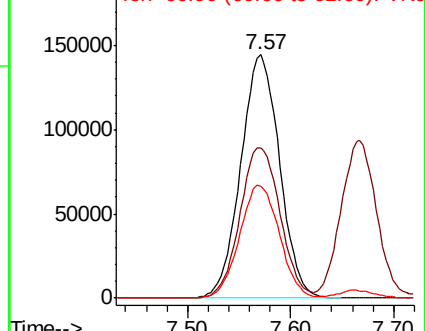
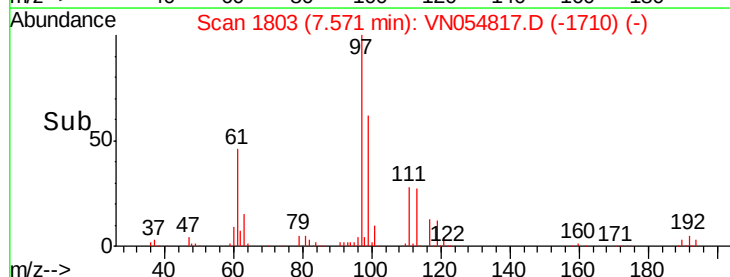


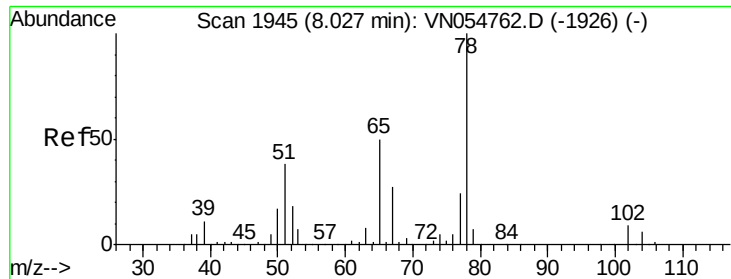
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

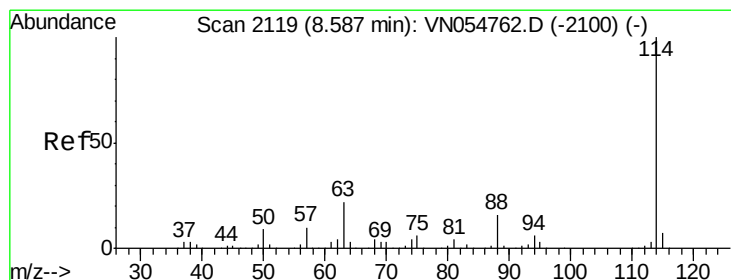
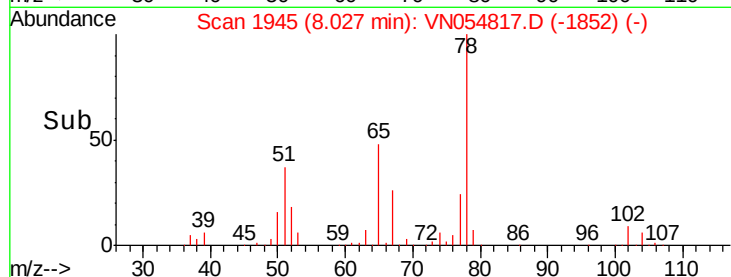
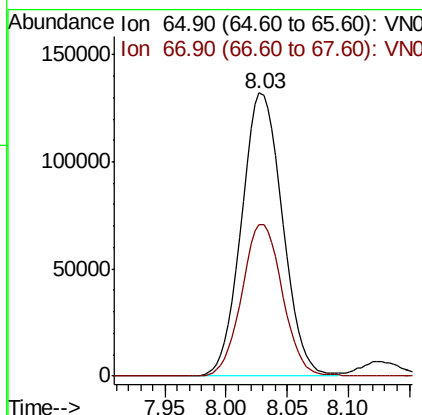
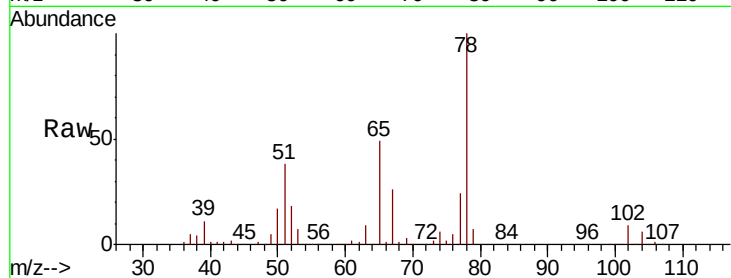




#33
 1,2-Dichloroethane-d4
 Concen: 54.936 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

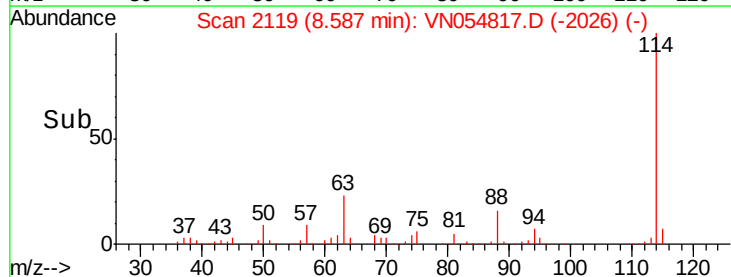
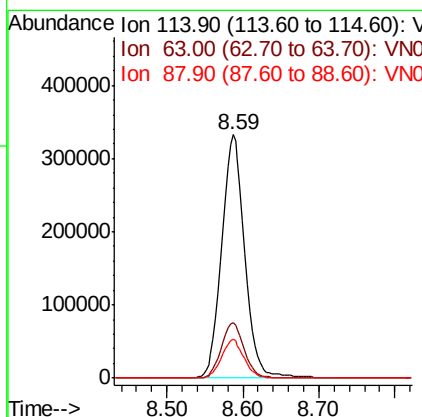
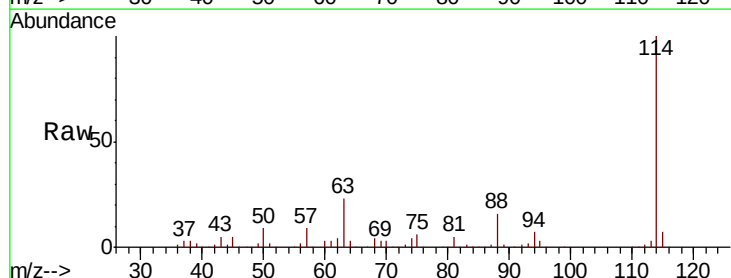
Instrument :
 MSVOA_N
 ClientSampled :

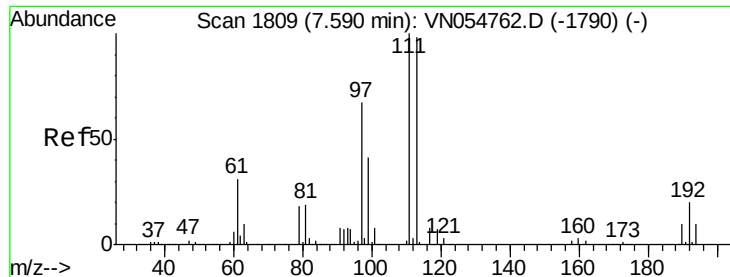
Tot Ion: 65 Resp: 307376
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 114 Resp: 702921
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.9 0.0 30.2

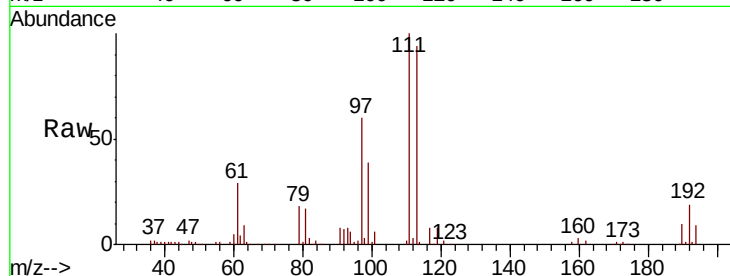




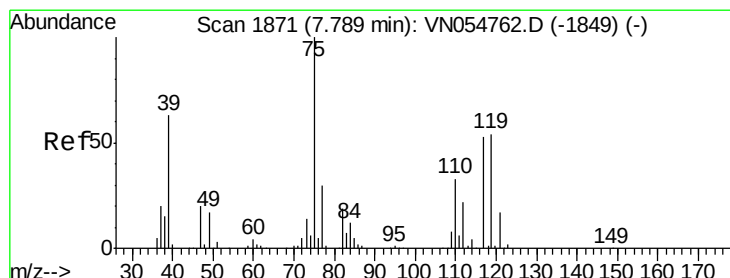
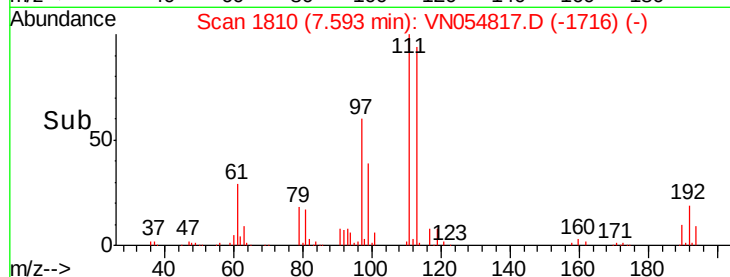
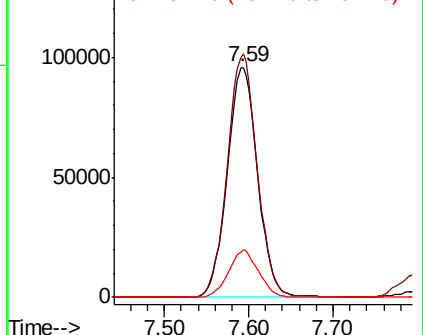
#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	20.1	19.2	28.8

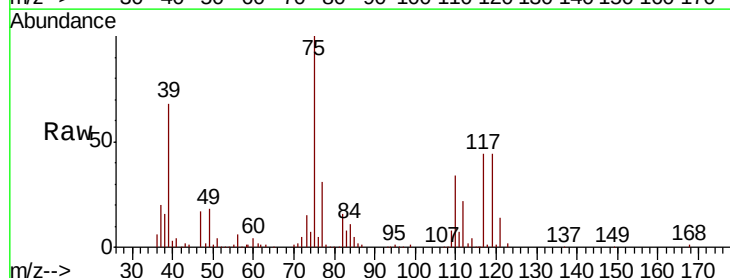


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

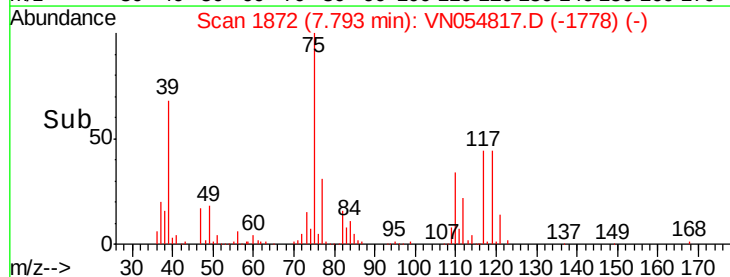
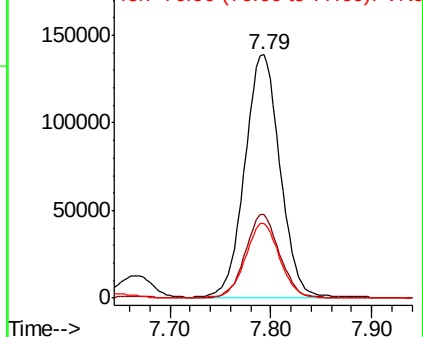


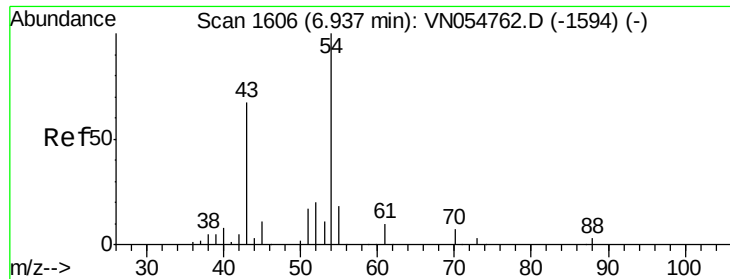
#36
1,1-Dichloropropene
Concen: 50.935 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	19.1	57.5
77	30.3	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

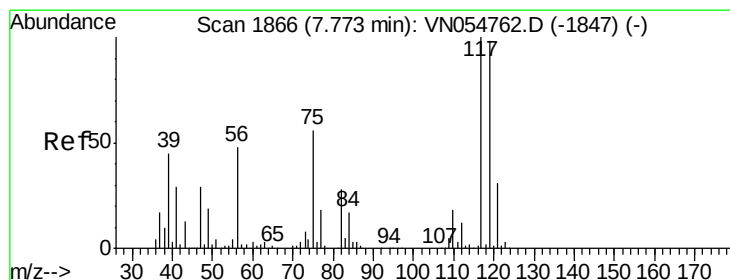
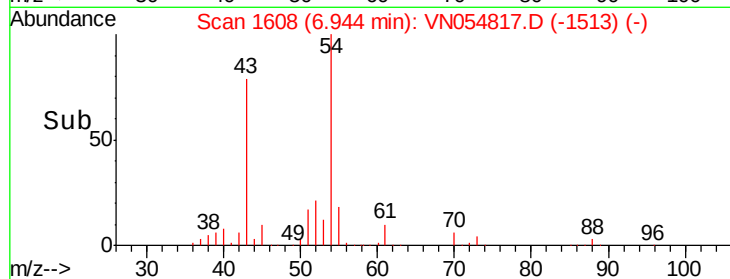
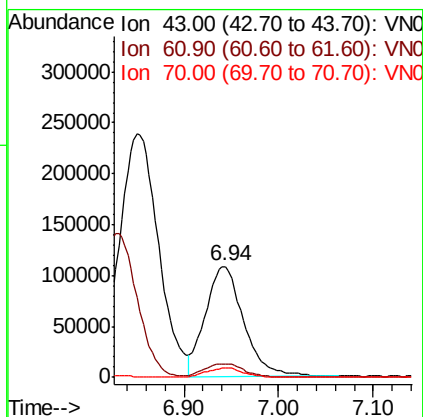
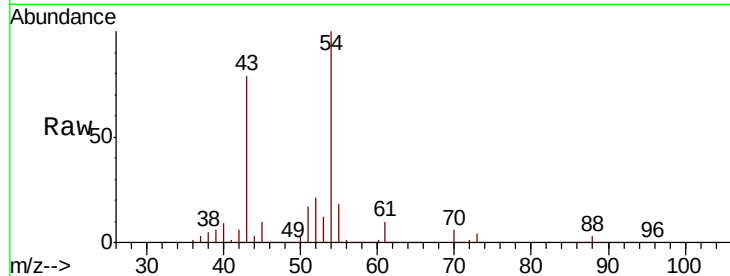




#37
Ethyl Acetate
Concen: 62.926 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

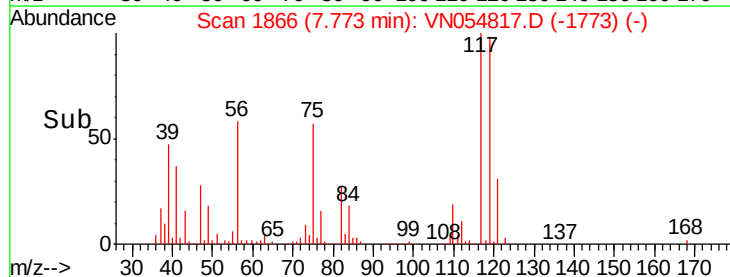
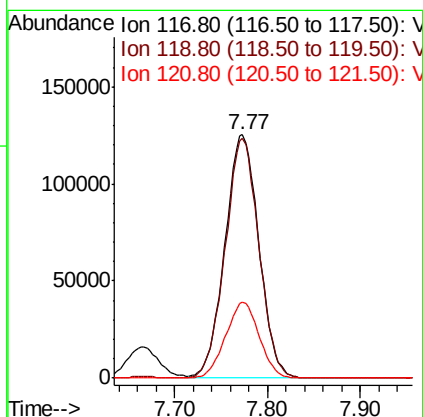
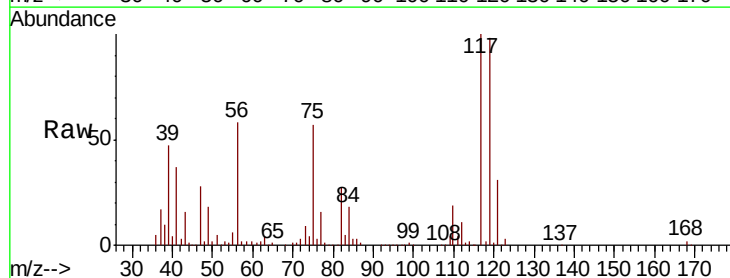
Instrument :
MSVOA_N
ClientSampled :

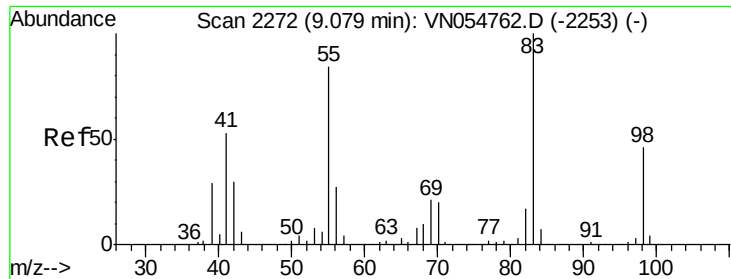
Tot Ion: 43 Resp: 302246
Ion Ratio Lower Upper
43 100
61 12.1 11.8 17.6
70 8.2 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 50.030 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 117 Resp: 318278
Ion Ratio Lower Upper
117 100
119 98.3 76.3 114.5
121 31.3 24.6 36.8

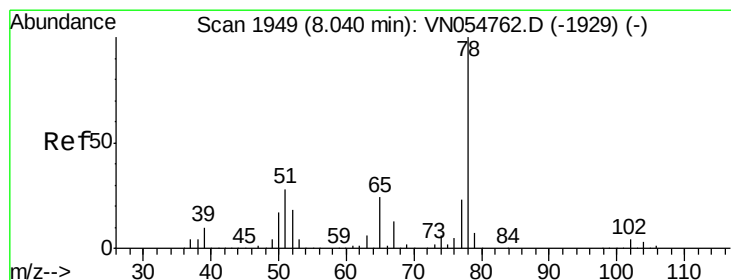
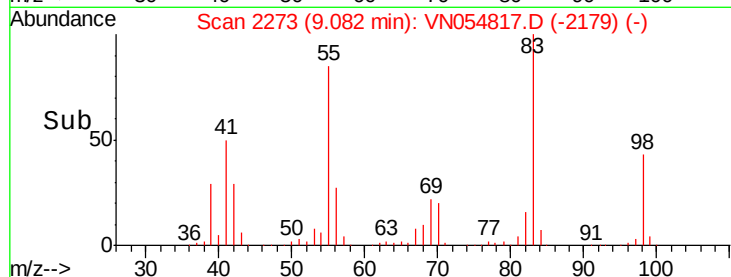
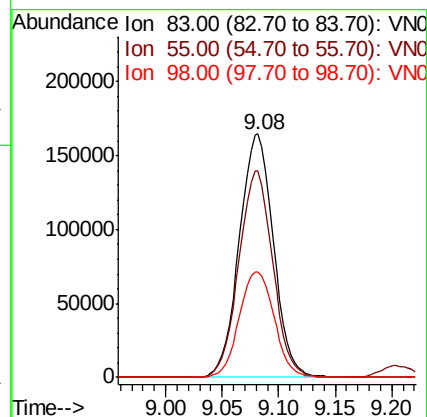
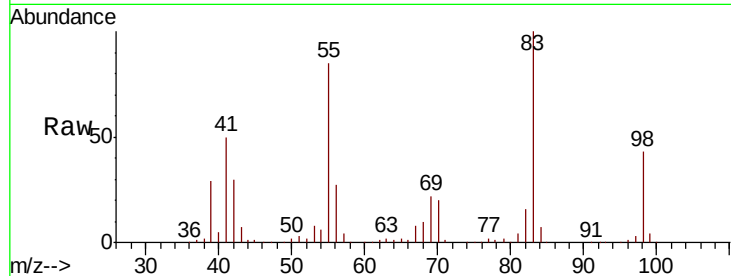




#39
Methylvlcyclohexane
Concen: 48.121 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

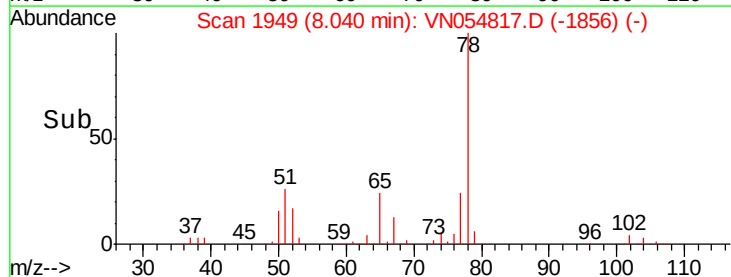
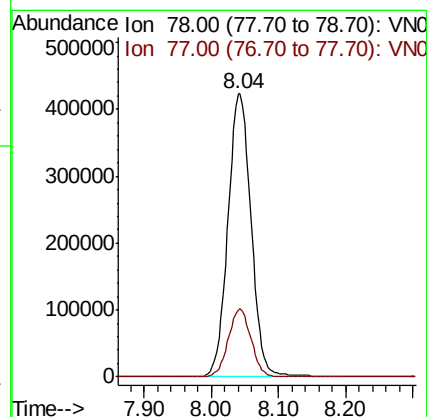
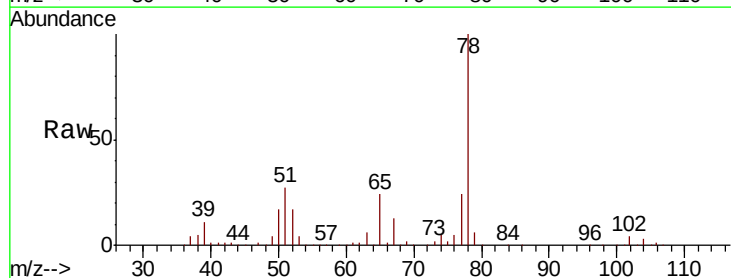
Instrument :
MSVOA_N
ClientSampled :

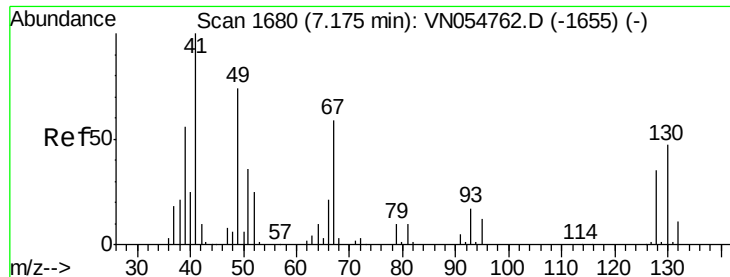
Tot Ion: 83 Resp: 346515
Ion Ratio Lower Upper
83 100
55 84.7 56.6 84.8
98 43.3 38.4 57.6



#40
Benzene
Concen: 54.258 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 78 Resp: 1016891
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

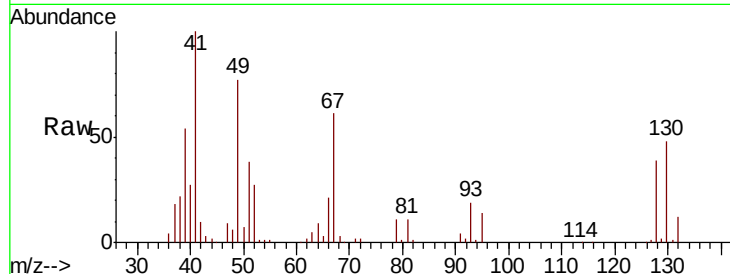




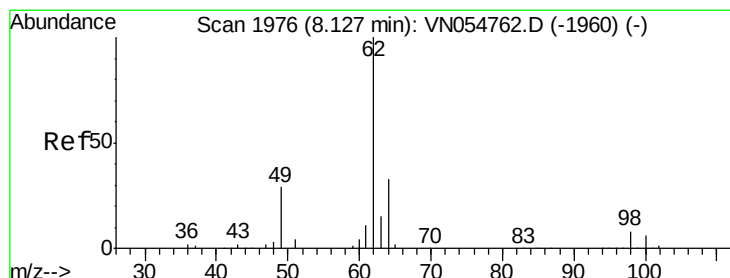
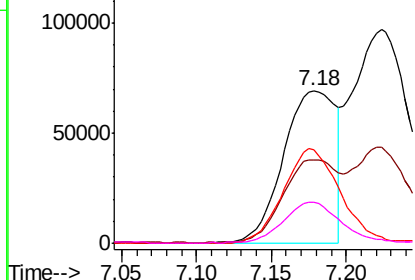
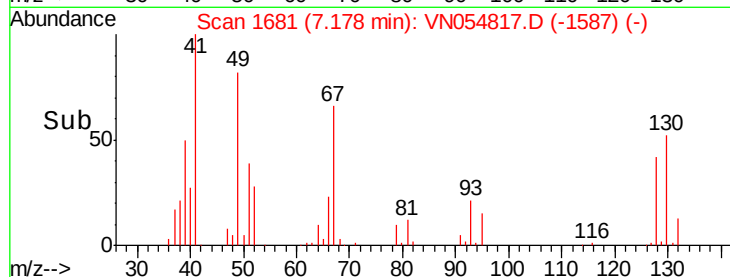
#41
Methacrylonitrile
Concen: 62.095 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 167545
Ion Ratio Lower Upper
41 100
39 57.5 46.8 70.2
67 68.1 67.0 100.4
52 30.6 26.5 39.7

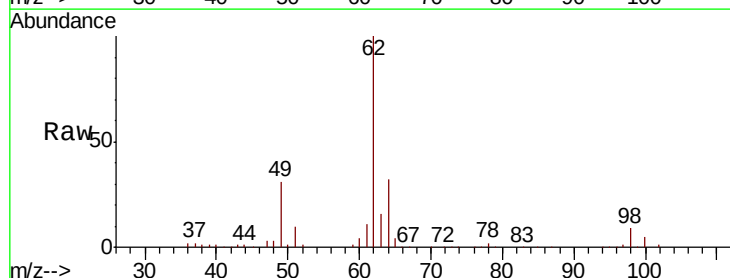


Abundance Ion 41.00 (40.70 to 41.70): VNO
150000 Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

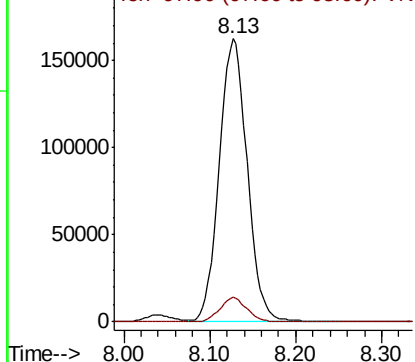
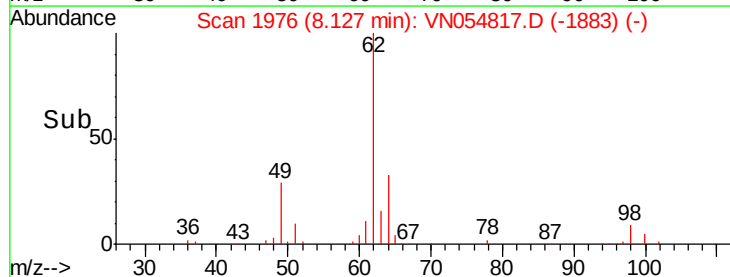


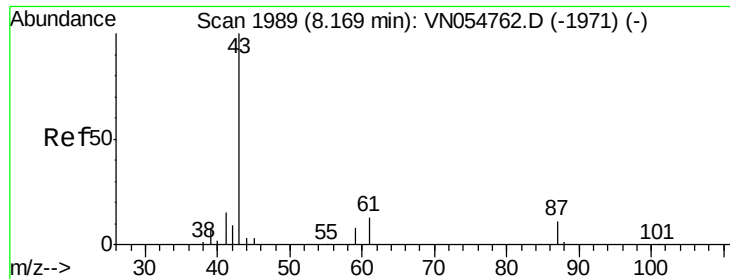
#42
1,2-Dichloroethane
Concen: 54.861 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 62 Resp: 367124
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
150000 Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 65.428 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

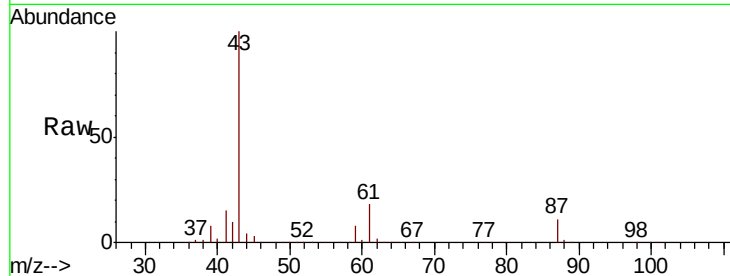
Tot Ion: 43 Resp: 510635

Ion Ratio Lower Upper

43 100

61 17.7 15.8 23.8

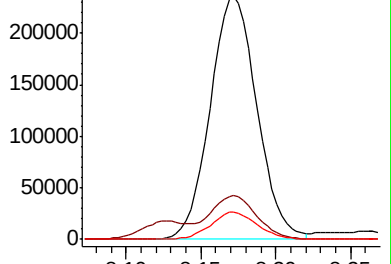
87 11.2 12.0 18.0#



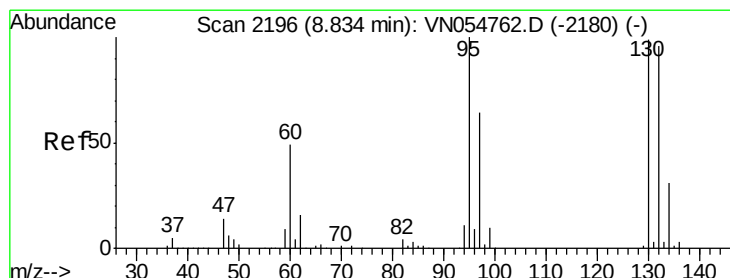
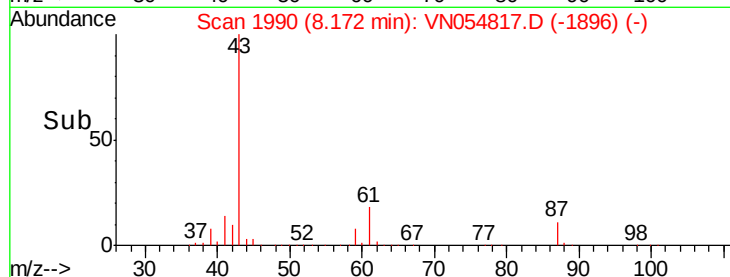
Abundance Ion 43.00 (42.70 to 43.70): VN054817.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN054817.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN054817.D (-1990) (-)



Time-->



#44

Trichloroethene

Concen: 52.442 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054817.D

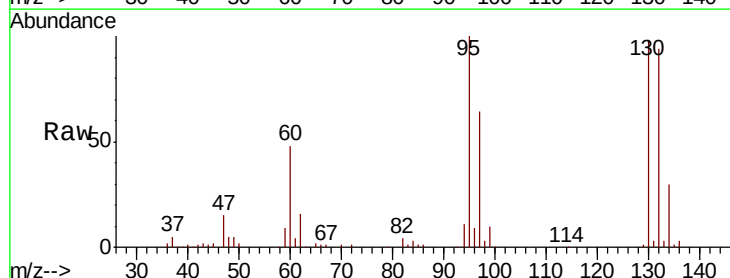
Acq: 30 Mar 2019 21:45

Tgt Ion:130 Resp: 255134

Ion Ratio Lower Upper

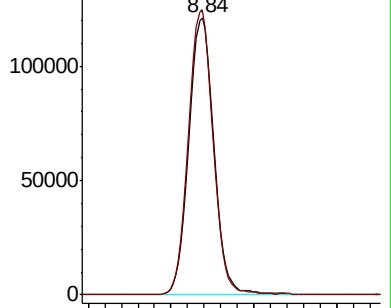
130 100

95 102.0 0.0 185.2

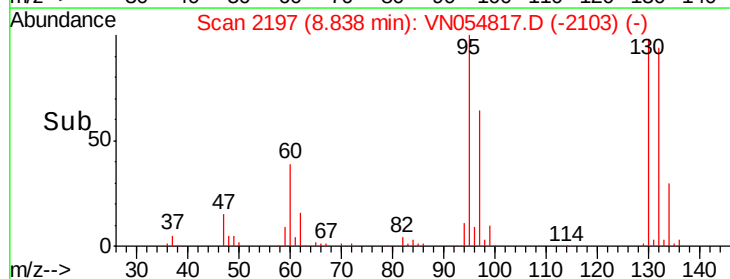


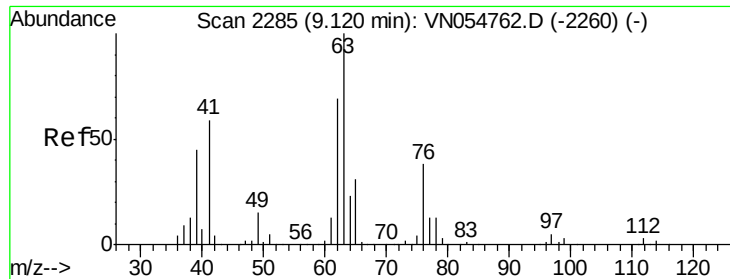
Abundance Ion 129.80 (129.50 to 130.50): VN054817.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN054817.D (-2197) (-)



Time-->

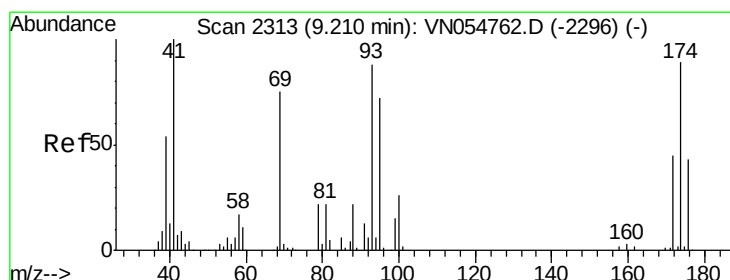
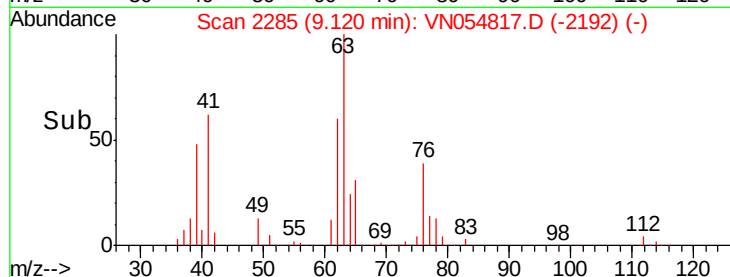
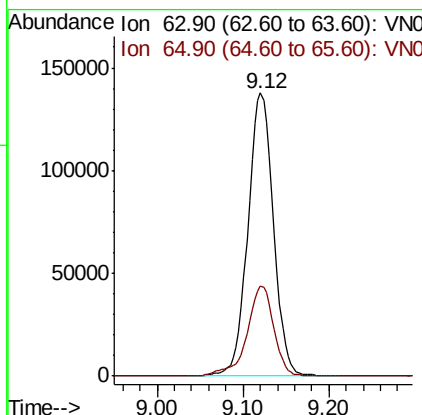
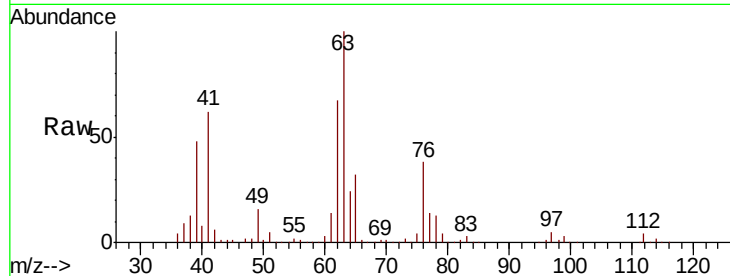




#45
 1,2-Dichloropropane
 Concen: 53.291 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

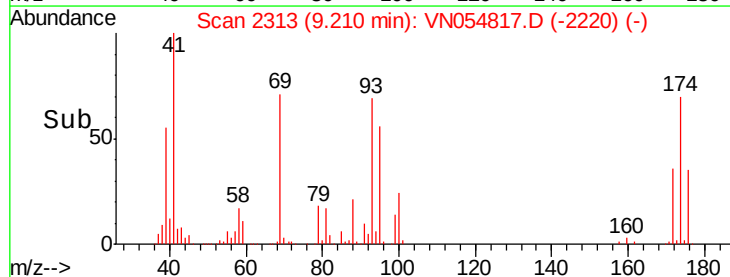
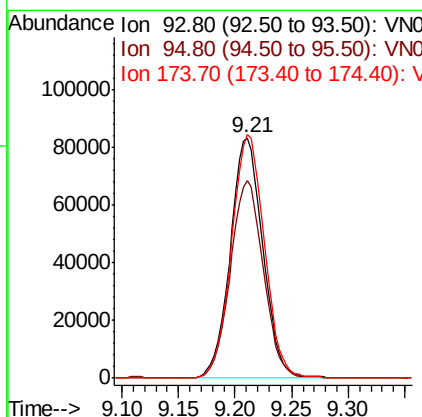
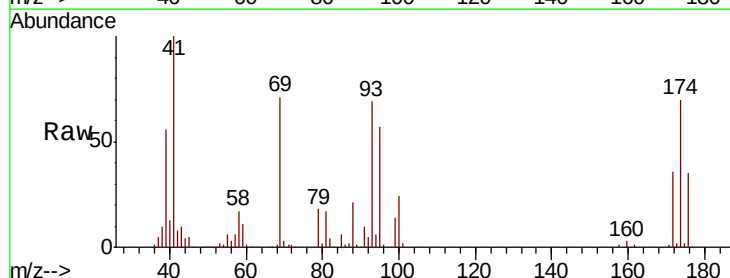
Instrument :
 MSVOA_N
 ClientSampleId :

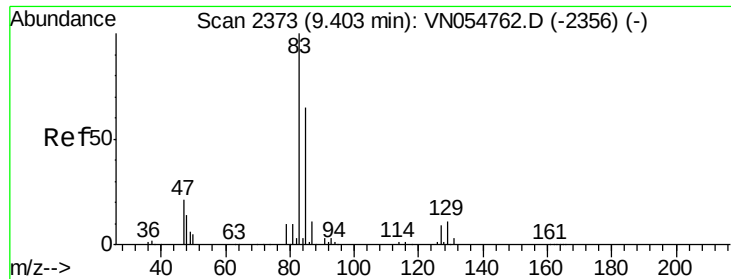
Tot Ion: 63 Resp: 284788
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 55.349 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 93 Resp: 166391
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 102.5 98.5 147.7





#47

Bromodichloromethane

Concen: 55.808 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

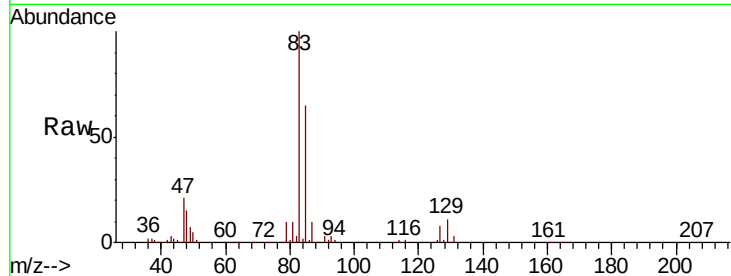
Tot Ion: 83 Resp: 348675

Ion Ratio Lower Upper

83 100

85 64.9 52.8 79.2

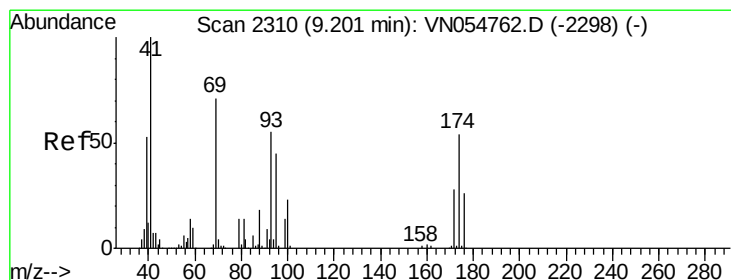
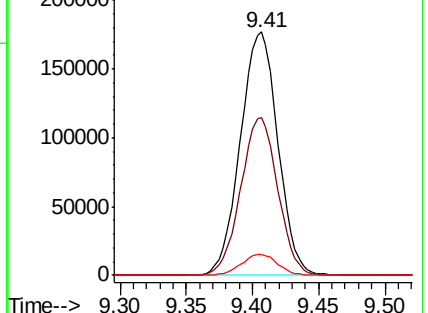
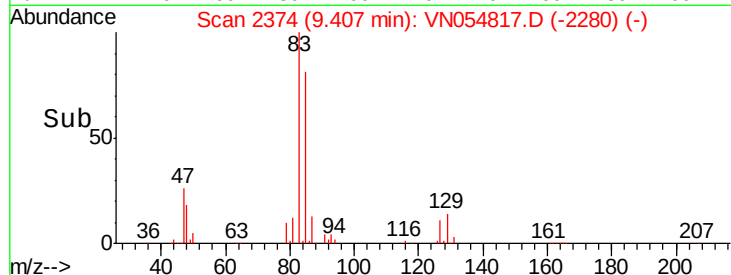
127 8.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054817.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054817.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054817.D (-2280) (-)



#48

Methyl methacrylate

Concen: 62.147 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

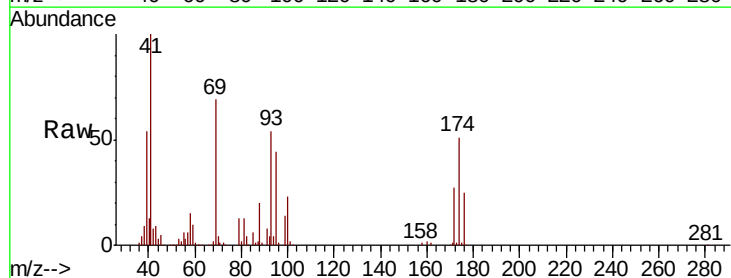
Tgt Ion: 41 Resp: 262921

Ion Ratio Lower Upper

41 100

69 72.6 72.6 108.8

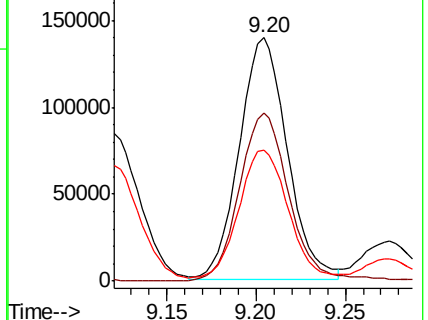
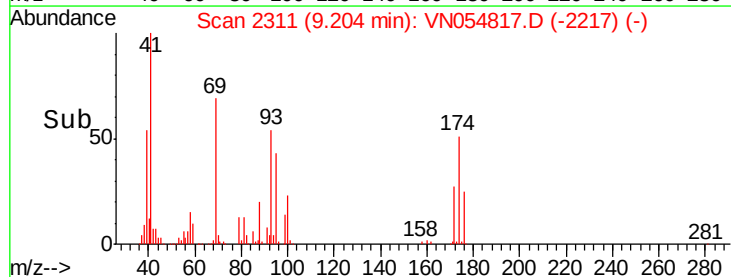
39 56.0 47.5 71.3

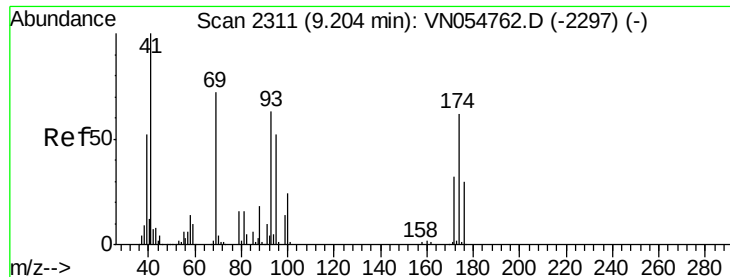


Abundance Ion 41.00 (40.70 to 41.70): VN054817.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054817.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054817.D (-2217) (-)

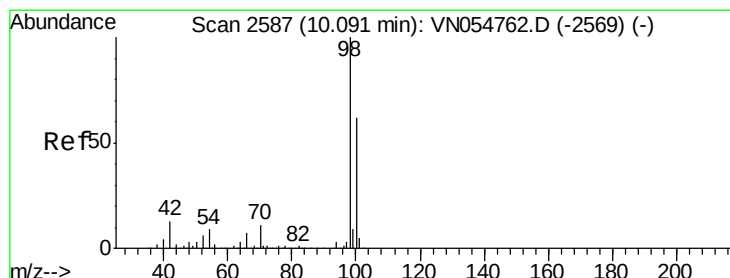
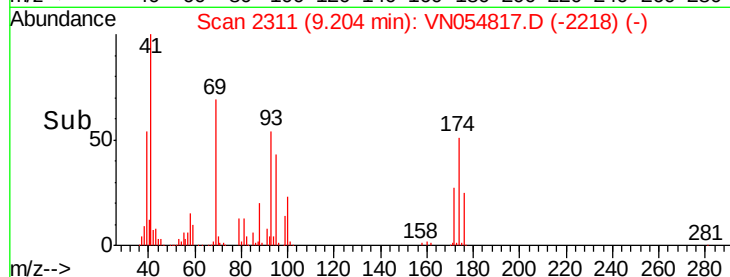
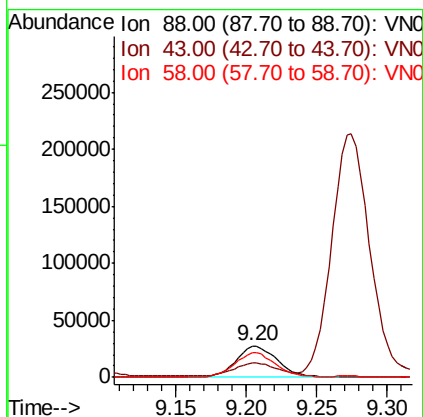
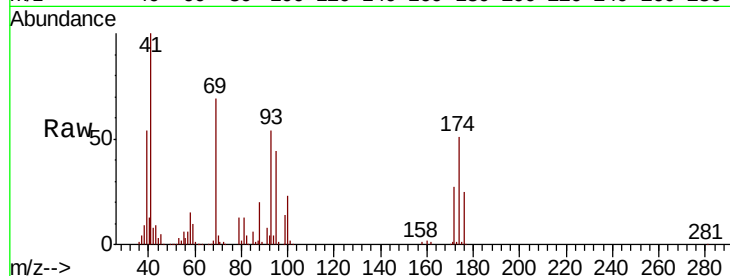




#49
1,4-Dioxane
Concen: 1365.455 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

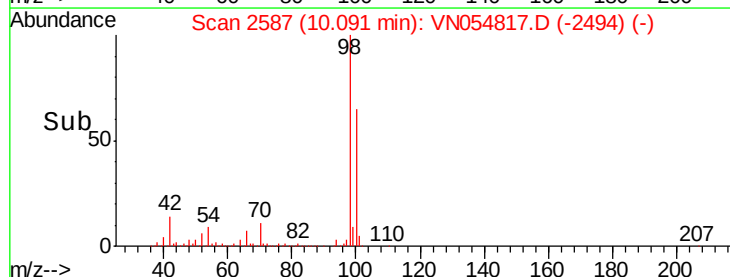
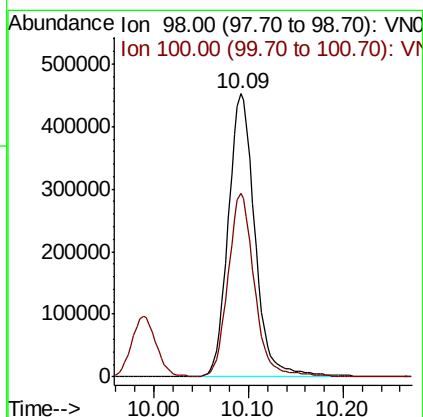
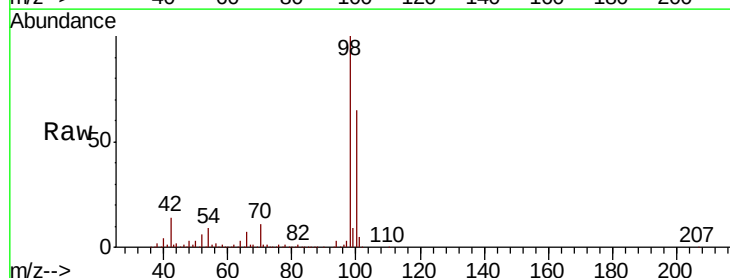
Instrument :
MSVOA_N
ClientSampled :

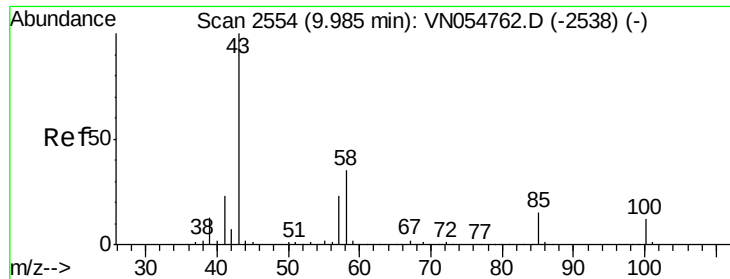
Tot Ion: 88 Resp: 57318
Ion Ratio Lower Upper
88 100
43 41.8 24.1 36.1#
58 77.0 50.8 76.2#



#50
Toluene-d8
Concen: 50.732 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 98 Resp: 883895
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 340.878 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

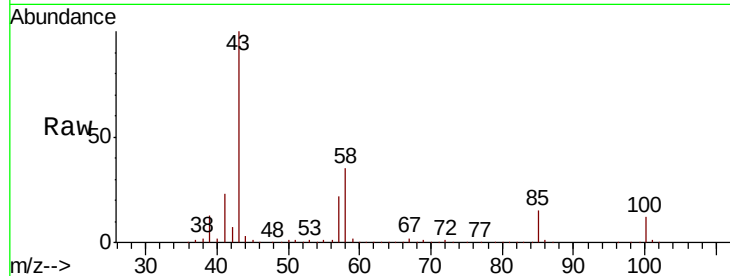
ClientSampled :

Tot Ion: 43 Resp: 1495731

Ion Ratio Lower Upper

43 100

58 35.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

200000

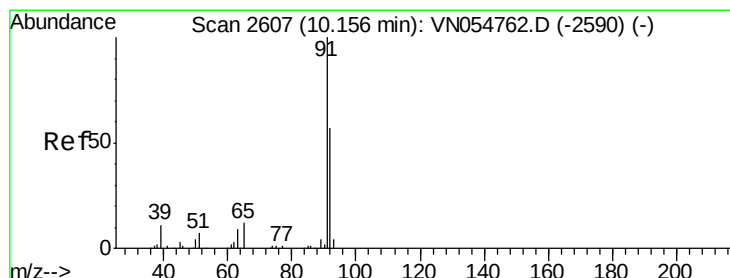
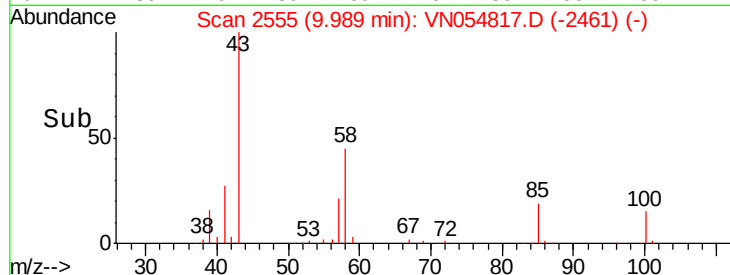
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 53.885 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054817.D

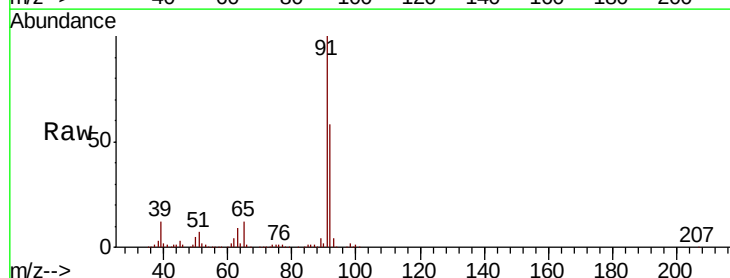
Acq: 30 Mar 2019 21:45

Tgt Ion: 92 Resp: 600930

Ion Ratio Lower Upper

92 100

91 175.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

200000

100000

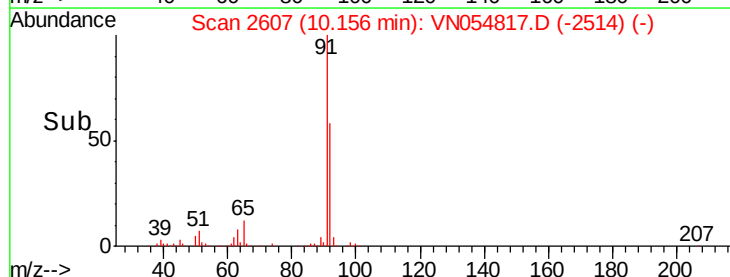
0

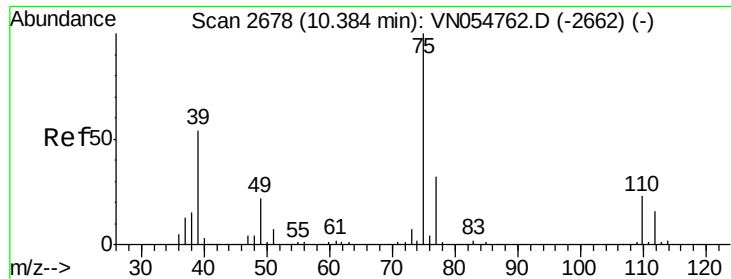
10.10

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.878 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

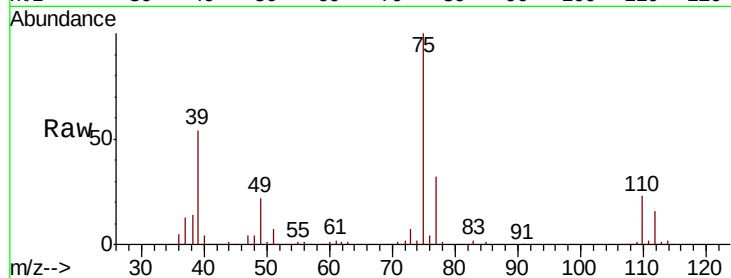
ClientSampleId :

Tot Ion: 75 Resp: 328402

Ion Ratio Lower Upper

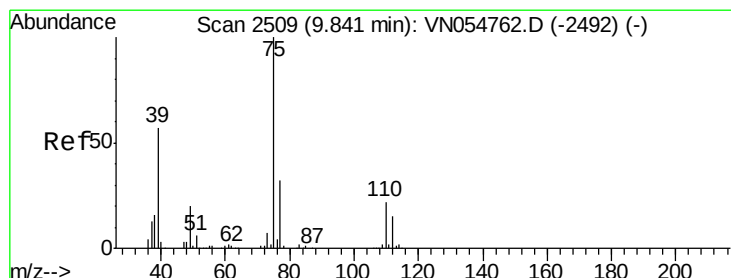
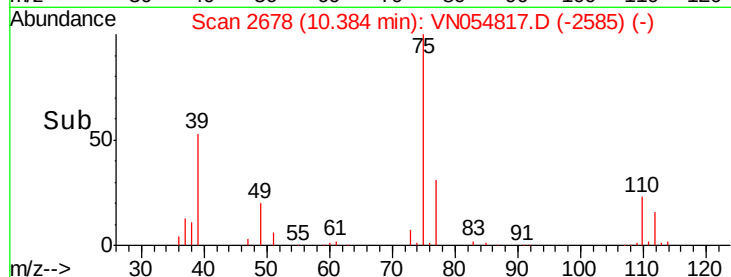
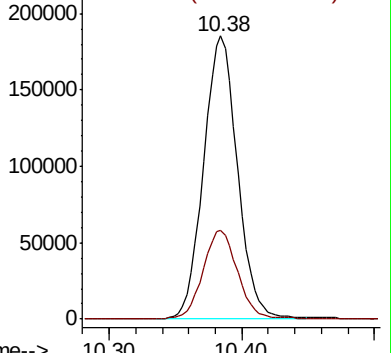
75 100

77 31.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 55.303 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

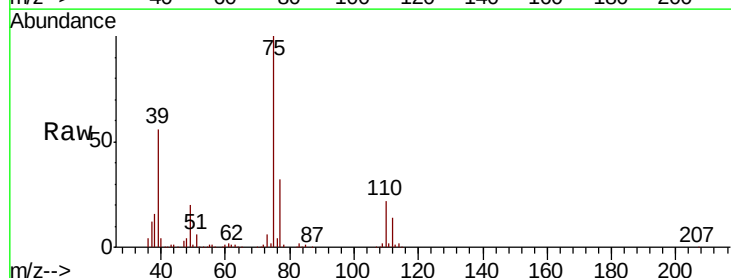
Tgt Ion: 75 Resp: 388253

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

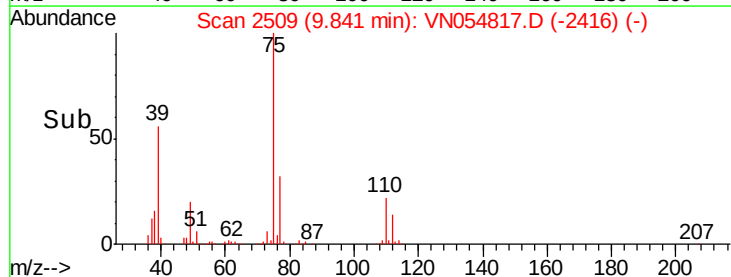
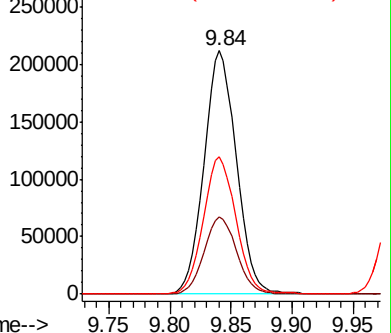
39 56.1 37.2 55.8#

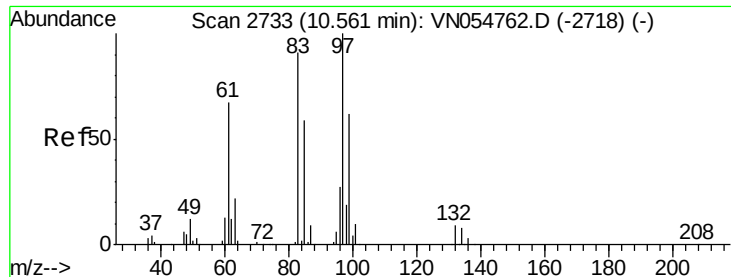


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

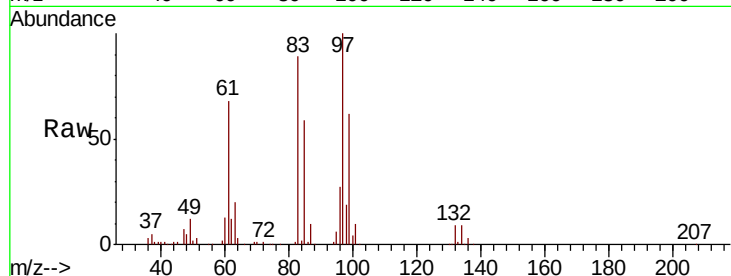




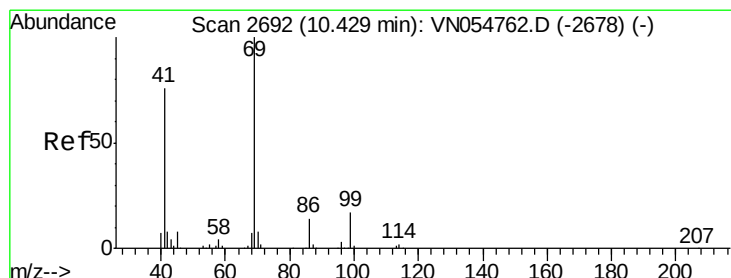
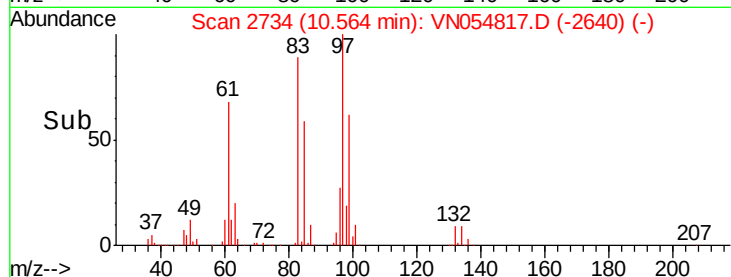
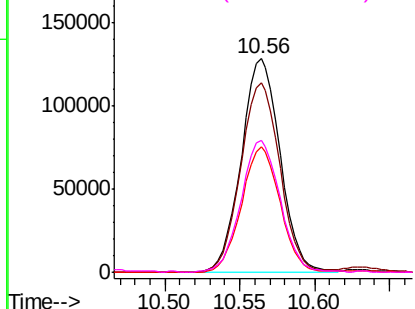
#55
 1,1,2-Trichloroethane
 Concen: 56.099 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	232630
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.6	100.0
85	58.6	44.4	66.6
99	61.7	50.8	76.2

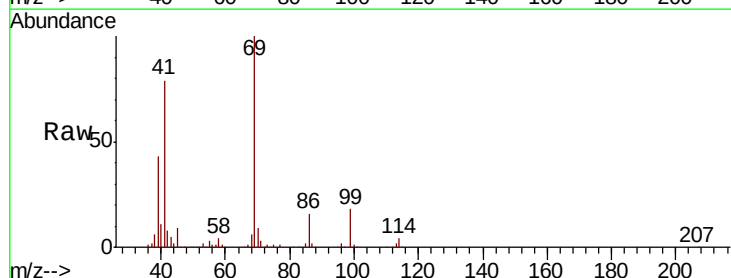


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

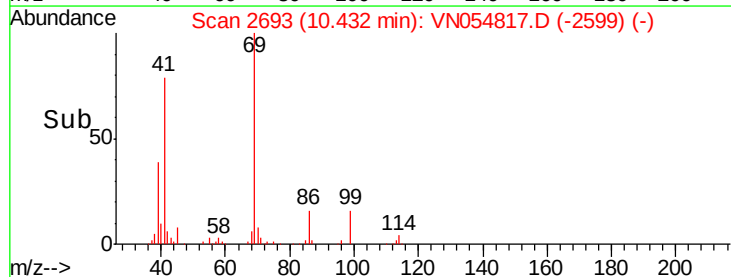
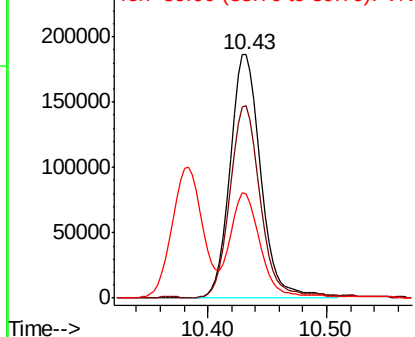


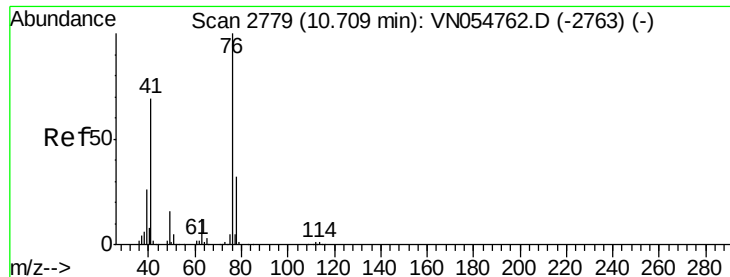
#56
 Ethyl methacrylate
 Concen: 61.476 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion:	69	Resp:	334406
Ion	Ratio	Lower	Upper
69	100		
41	77.8	49.4	74.2#
39	40.9	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 57.124 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

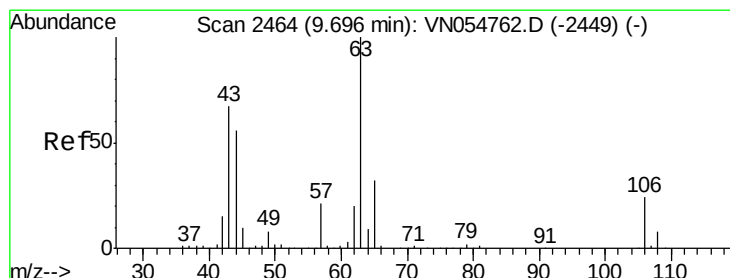
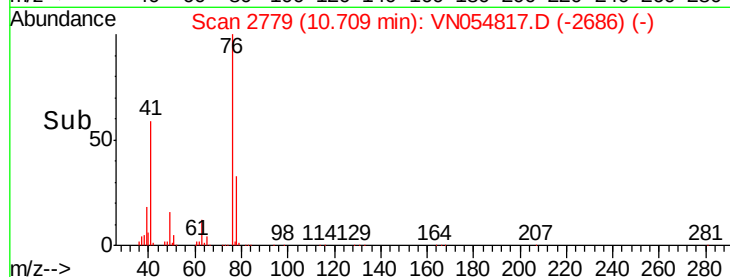
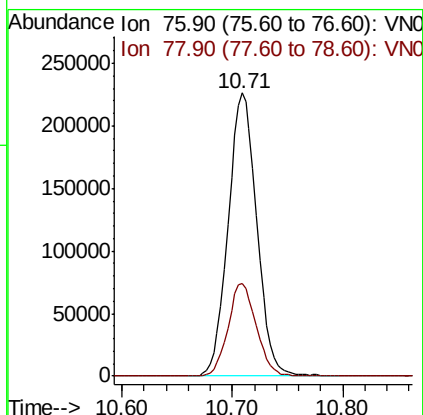
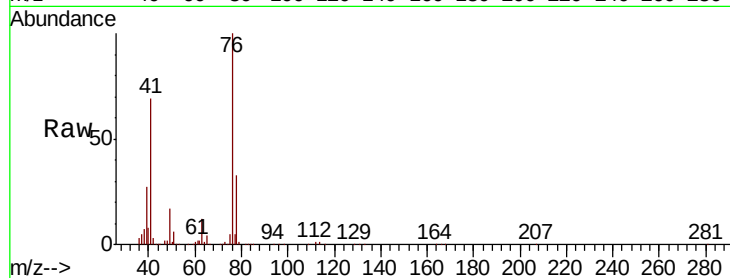
ClientSampled :

Tot Ion: 76 Resp: 407242

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 281.855 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054817.D

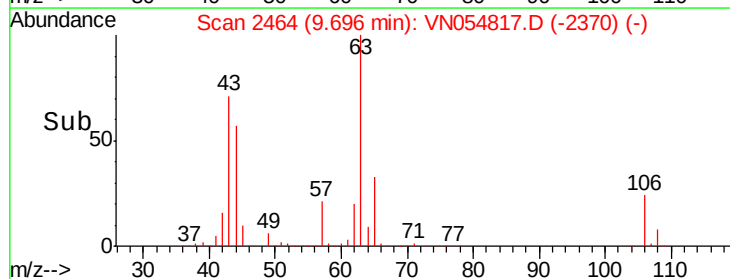
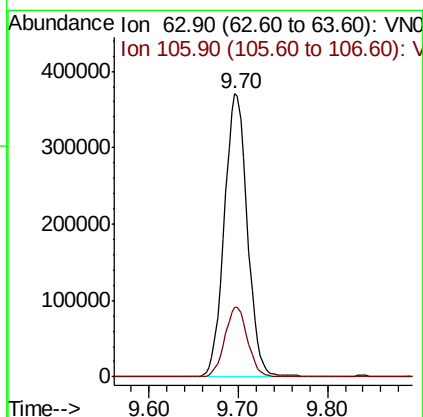
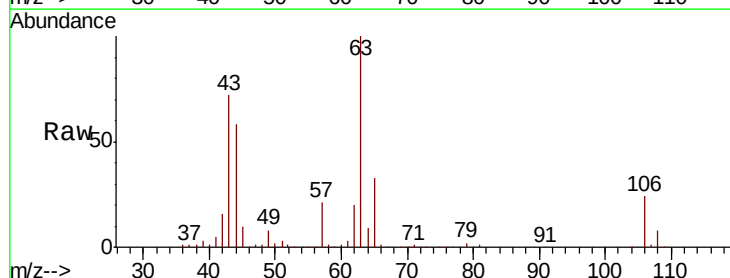
Acq: 30 Mar 2019 21:45

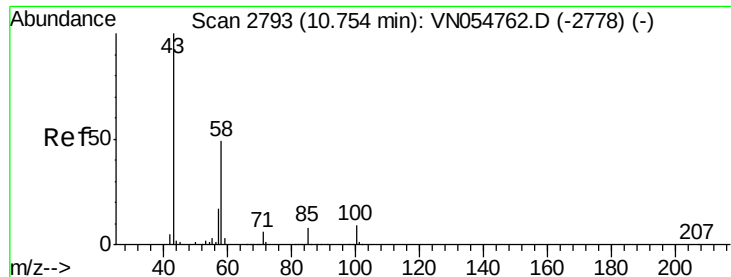
Tgt Ion: 63 Resp: 663664

Ion Ratio Lower Upper

63 100

106 24.2 24.4 36.6#

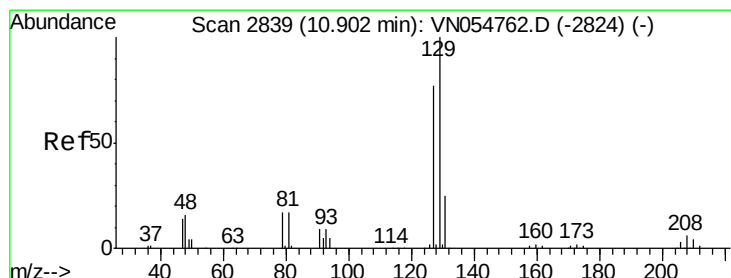
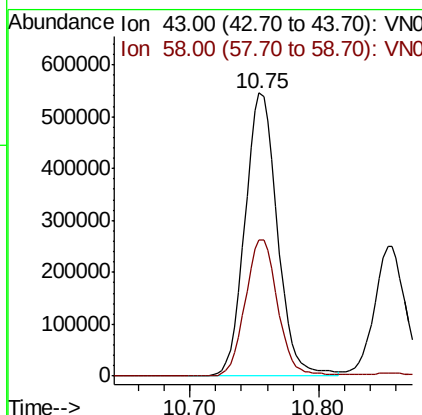
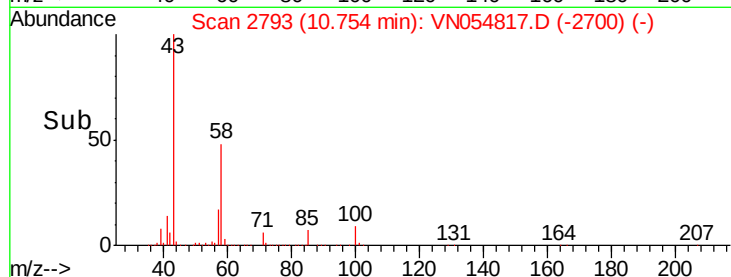
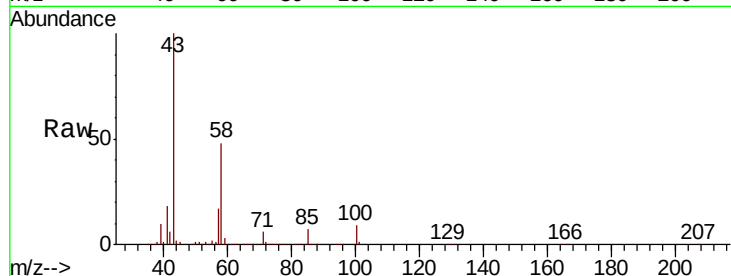




#59
2-Hexanone
Concen: 338.763 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

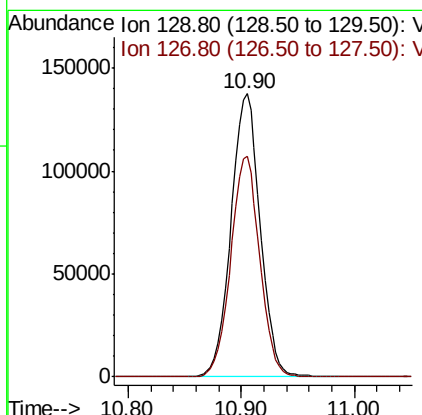
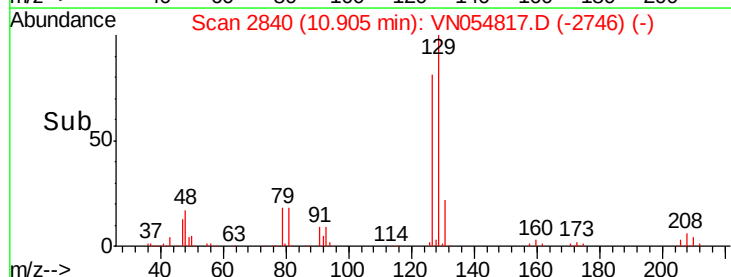
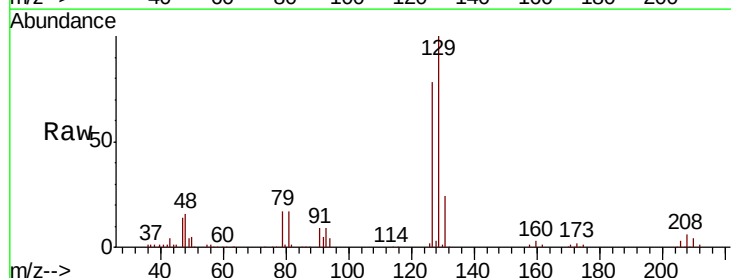
Instrument :
MSVOA_N
ClientSampleId :

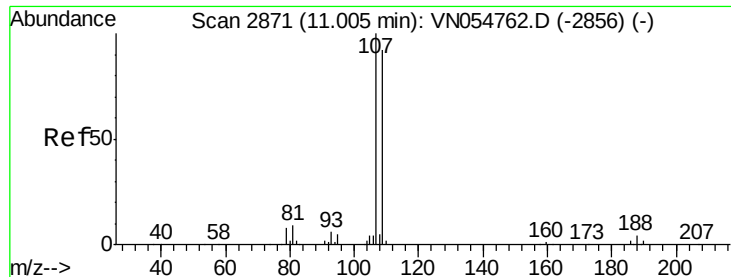
Tot Ion: 43 Resp: 951568
Ion Ratio Lower Upper
43 100
58 48.8 28.0 83.9



#60
Dibromochloromethane
Concen: 58.698 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 129 Resp: 246565
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

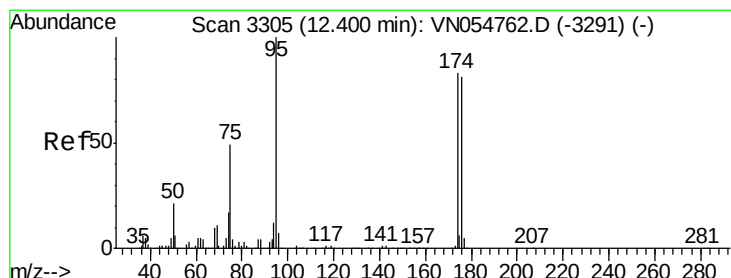
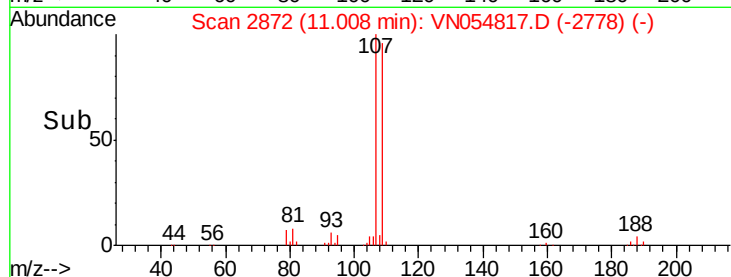
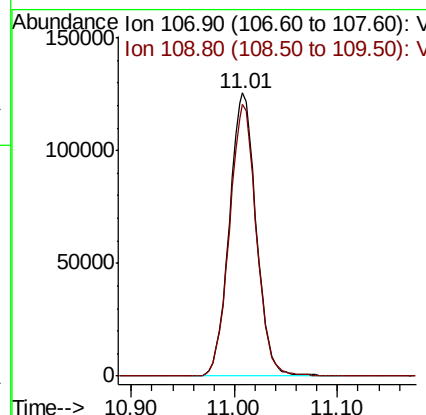
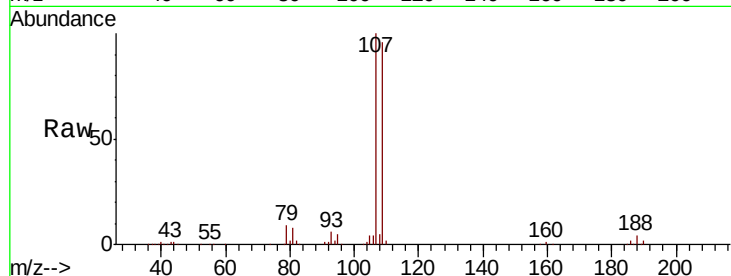




#61
 1,2-Dibromoethane
 Concen: 57.527 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

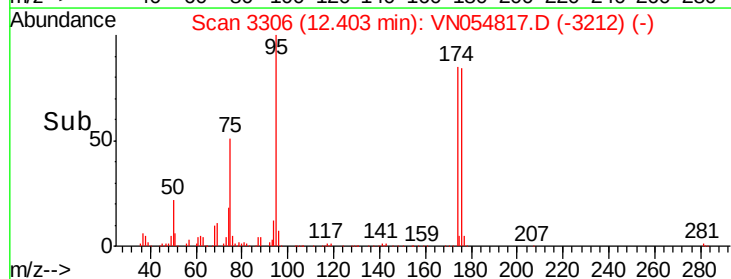
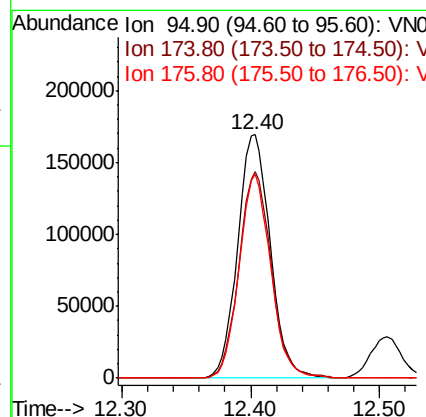
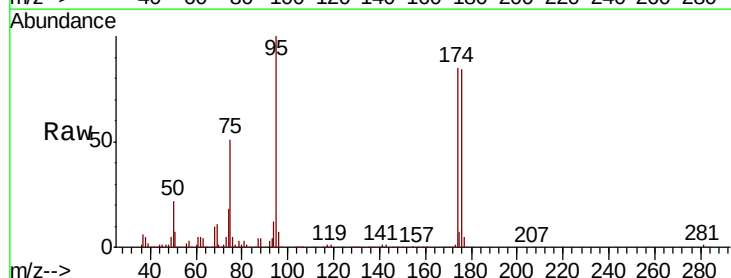
Instrument :
 MSVOA_N
 ClientSampled :

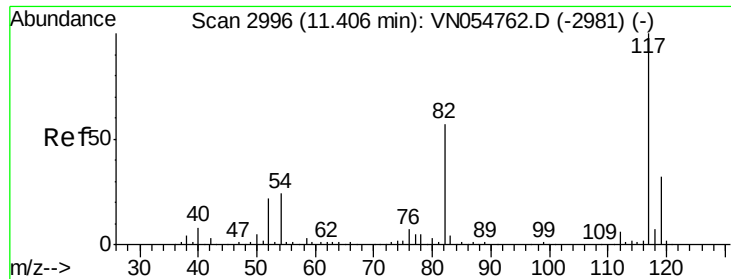
Tot Ion: 107 Resp: 227971
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.486 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 95 Resp: 298330
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 191.0
 176 80.9 0.0 187.4

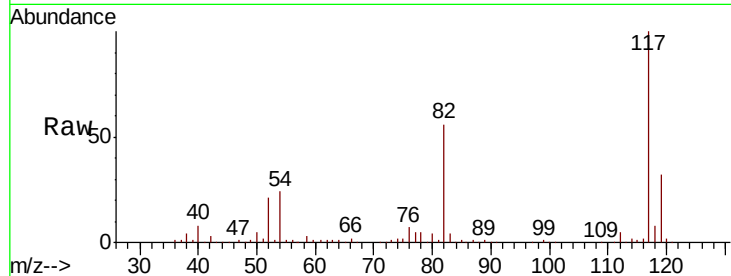




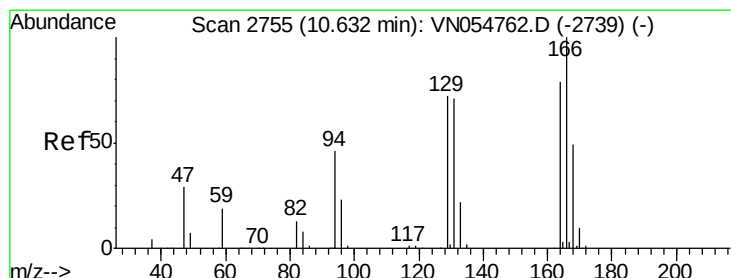
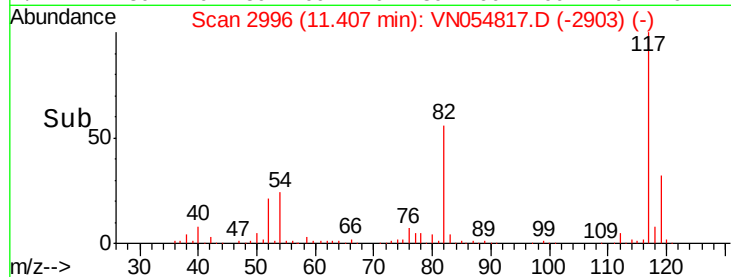
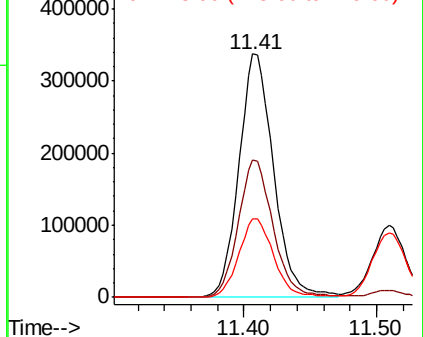
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 614682
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 32.2 25.8 38.6

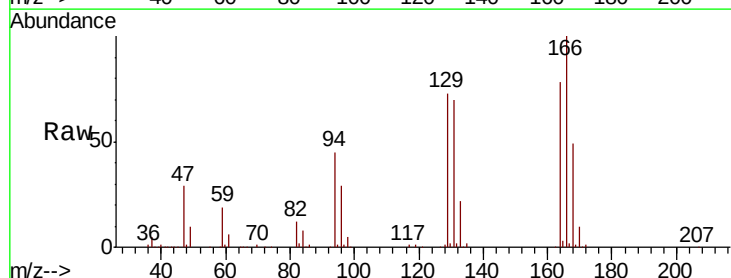


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

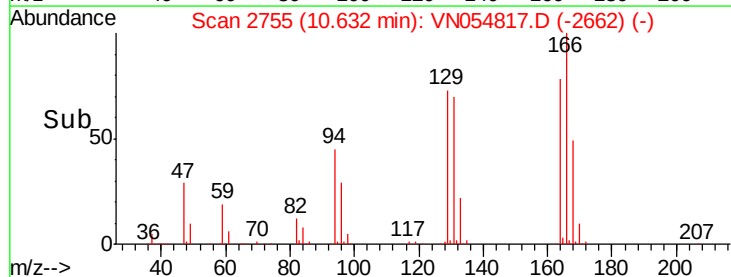
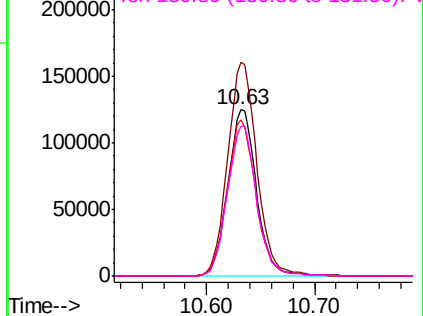


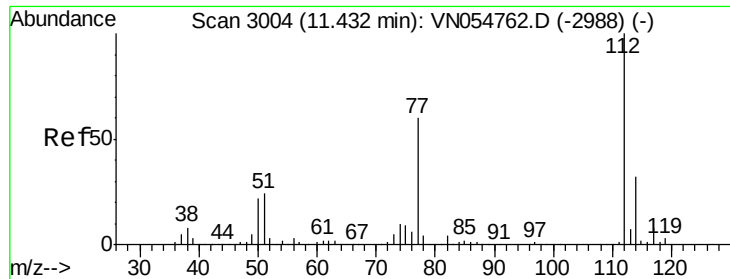
#64
Tetrachloroethene
Concen: 49.332 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion:164 Resp: 232692
Ion Ratio Lower Upper
164 100
166 128.8 103.9 155.9
129 94.4 71.1 106.7
131 90.4 68.2 102.4



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

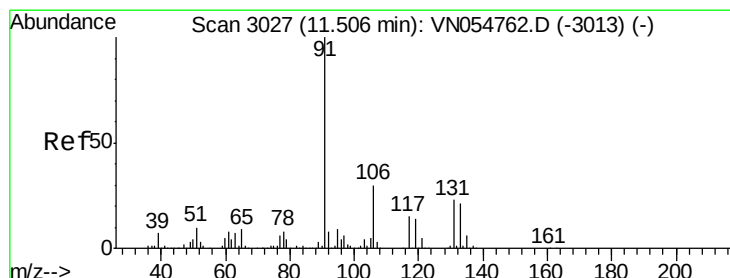
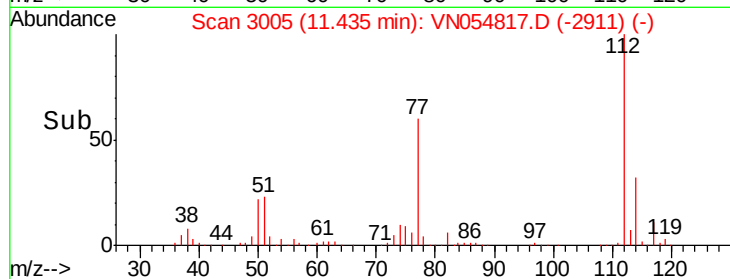
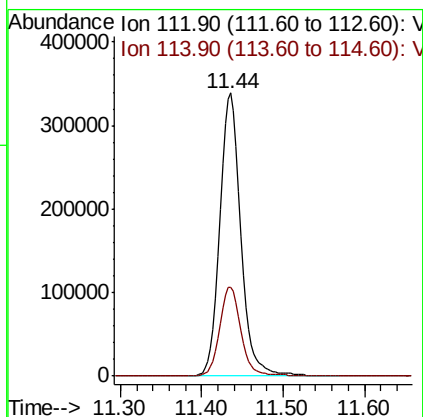
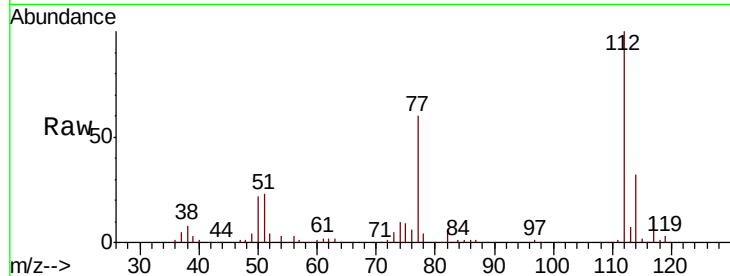




#65
Chlorobenzene
Concen: 51.558 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

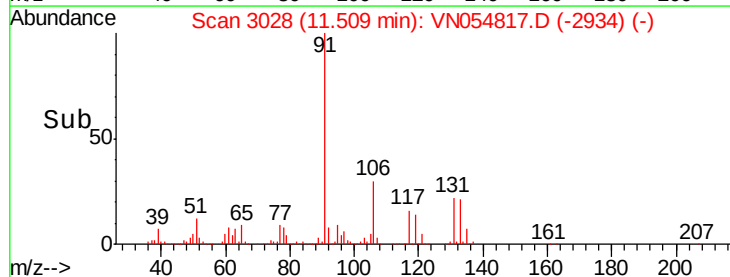
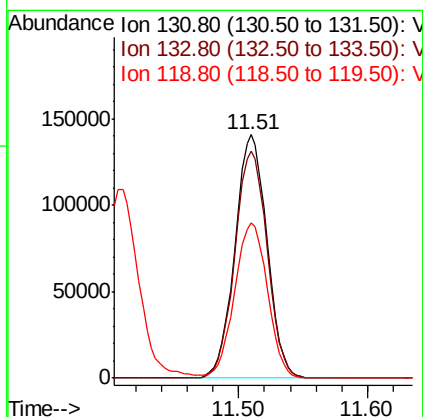
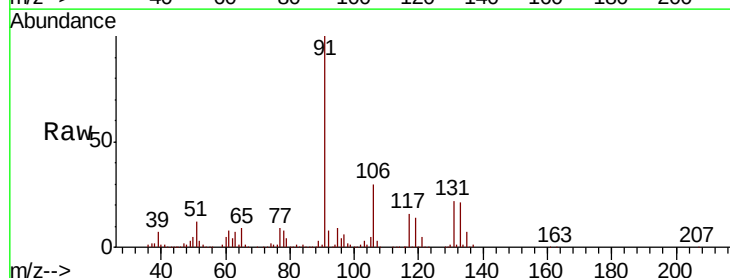
Instrument :
MSVOA_N
ClientSampled :

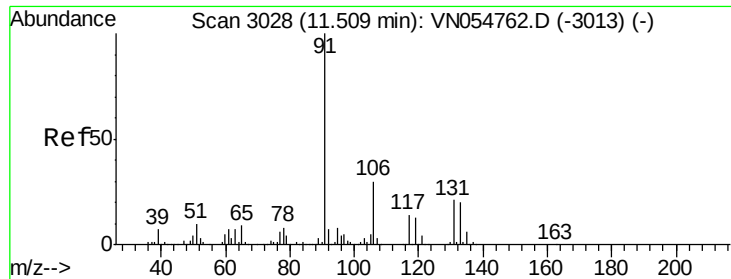
Tot Ion:112 Resp: 620496
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.979 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion:131 Resp: 243156
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 65.6 32.4 97.0

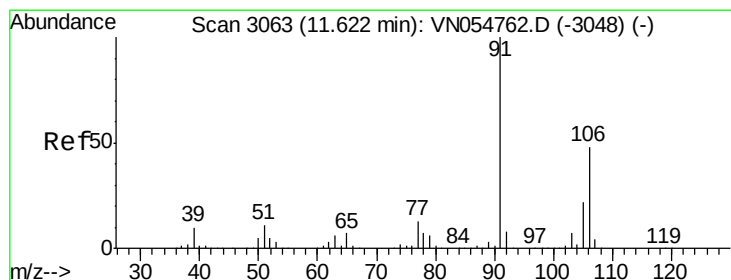
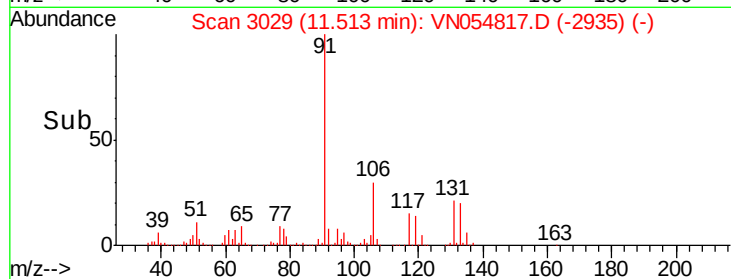
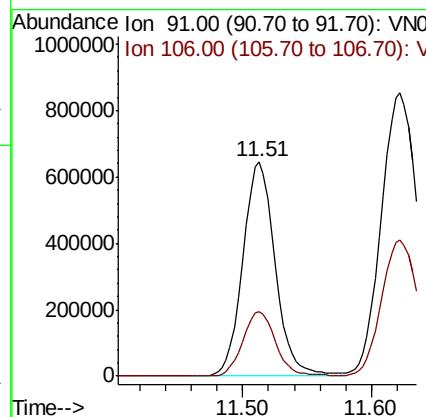
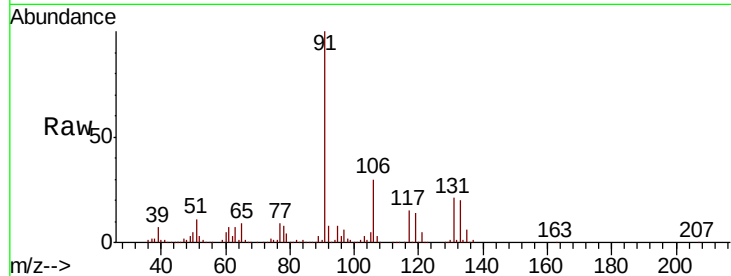




#67
Ethyl Benzene
Concen: 51.952 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

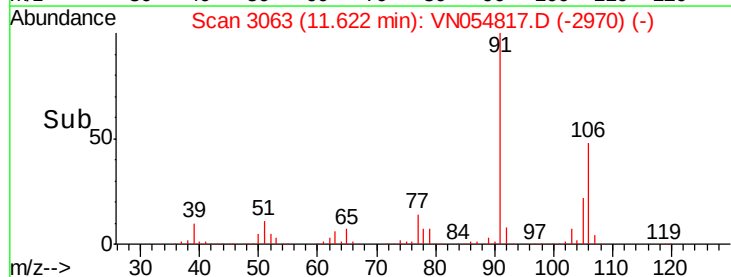
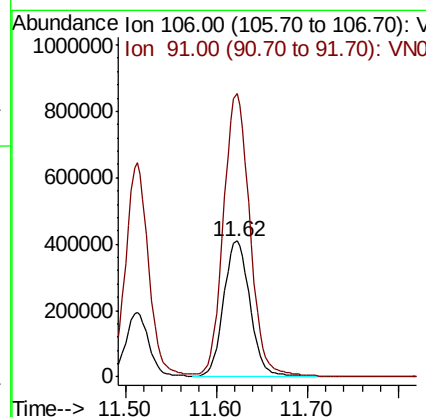
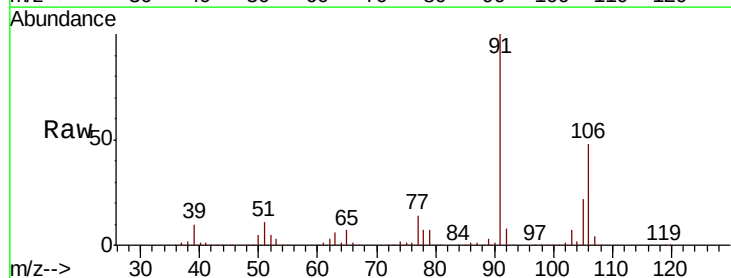
Instrument :
MSVOA_N
ClientSampled :

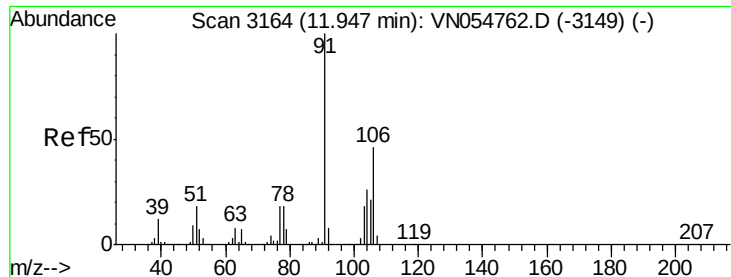
Tot Ion: 91 Resp: 1128269
Ion Ratio Lower Upper
91 100
106 30.0 25.5 38.3



#68
m/p-Xylenes
Concen: 103.311 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 106 Resp: 830289
Ion Ratio Lower Upper
106 100
91 208.8 159.4 239.2

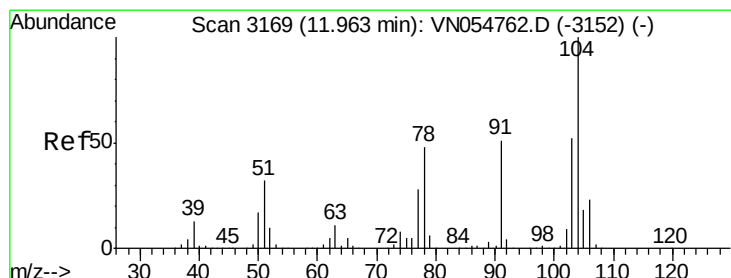
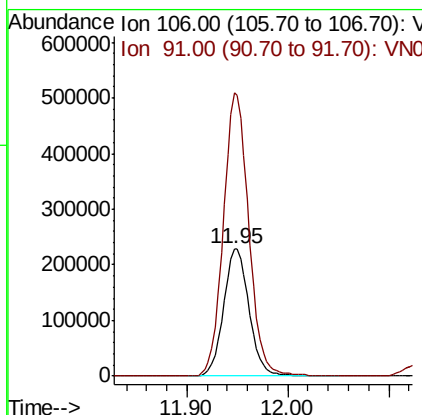
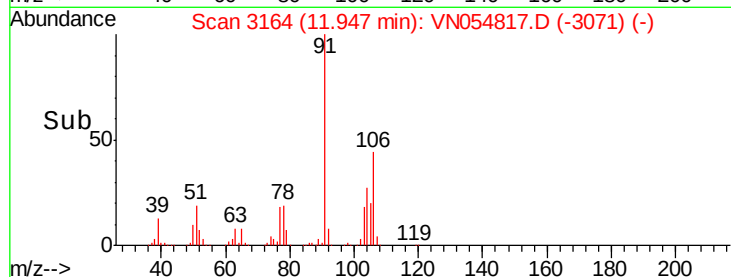
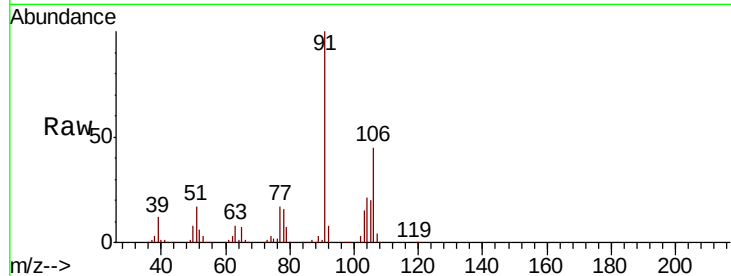




#69
o-Xylene
Concen: 51.229 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

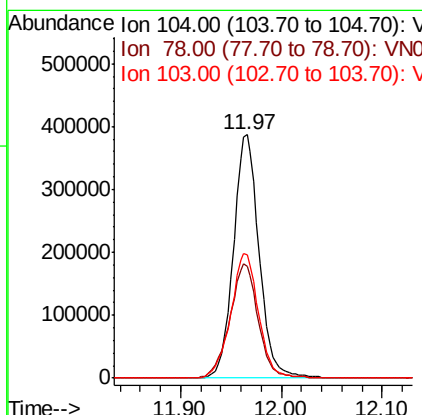
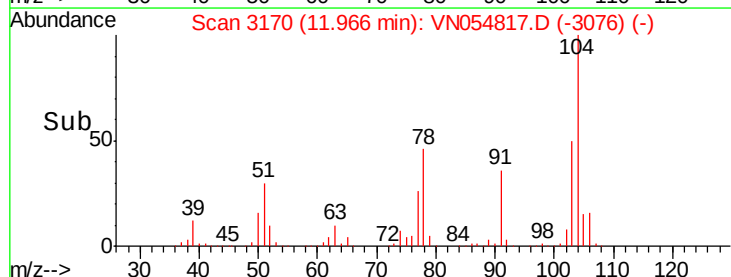
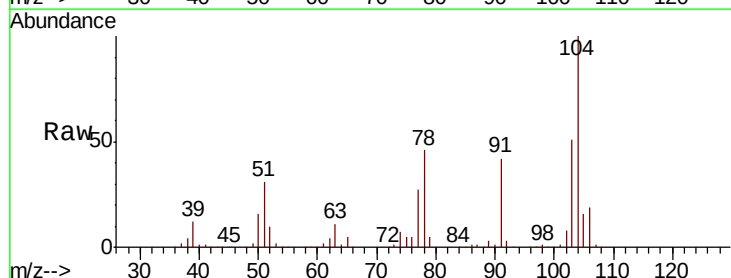
Instrument :
MSVOA_N
ClientSampled :

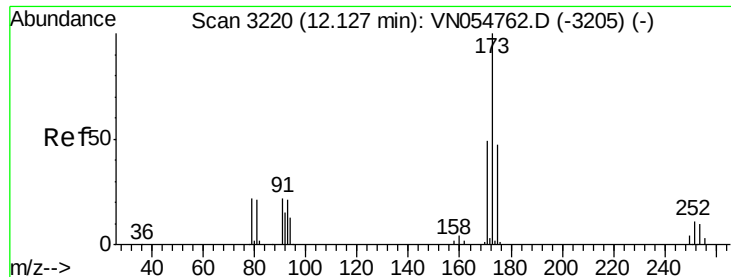
Tot Ion:106 Resp: 403729
Ion Ratio Lower Upper
106 100
91 221.9 105.7 317.1



#70
Styrene
Concen: 54.365 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion:104 Resp: 685045
Ion Ratio Lower Upper
104 100
78 51.9 38.2 57.2
103 55.6 44.4 66.6





#71

Bromoform

Concen: 60.260 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

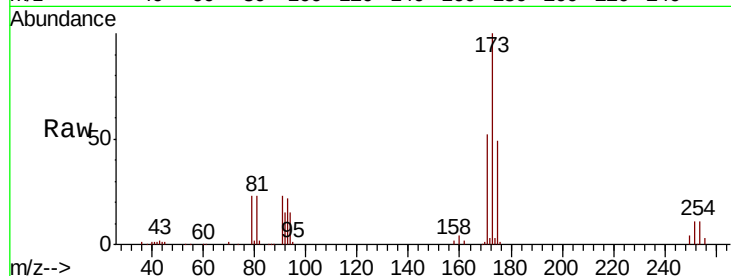
Tot Ion:173 Resp: 159024

Ion Ratio Lower Upper

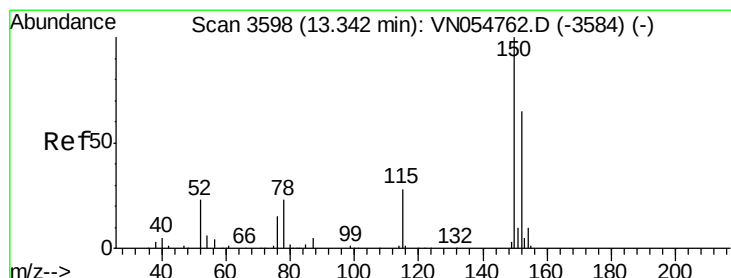
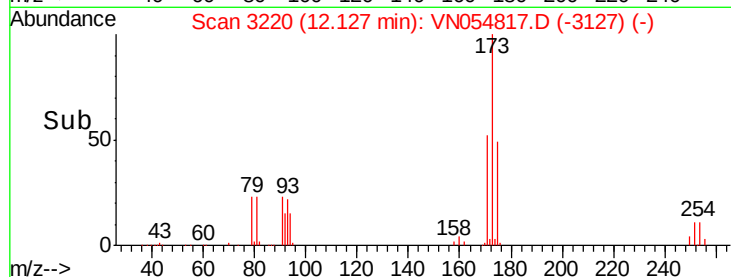
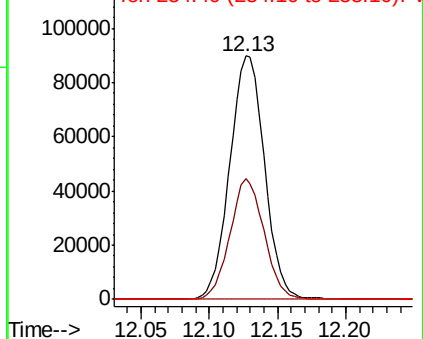
173 100

175 48.5 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

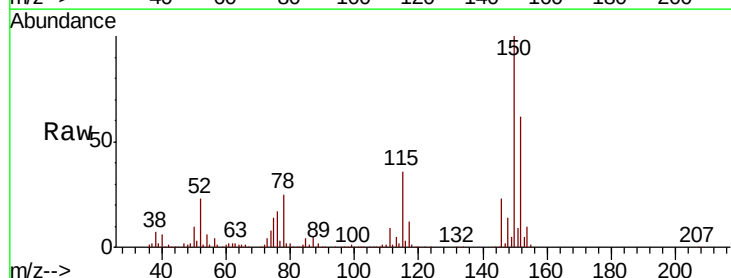
Tgt Ion:152 Resp: 266809

Ion Ratio Lower Upper

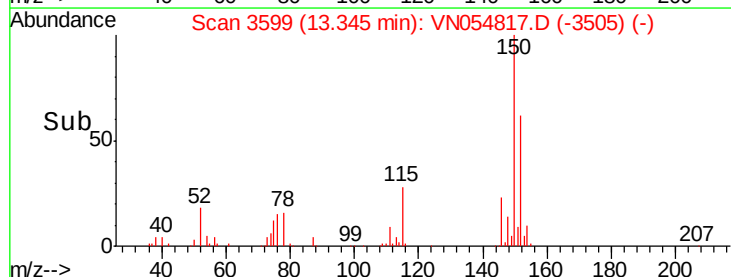
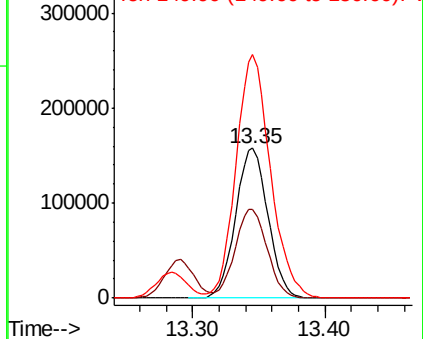
152 100

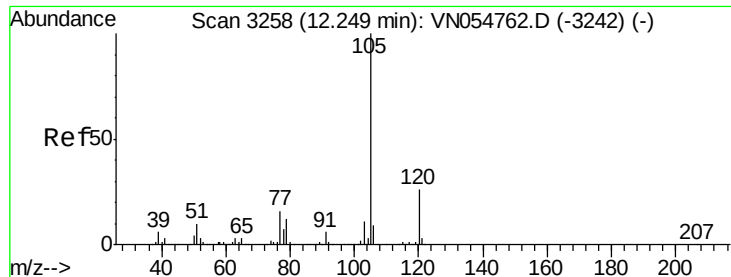
115 59.3 27.2 81.6

150 173.0 0.0 349.2



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: 49.310 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

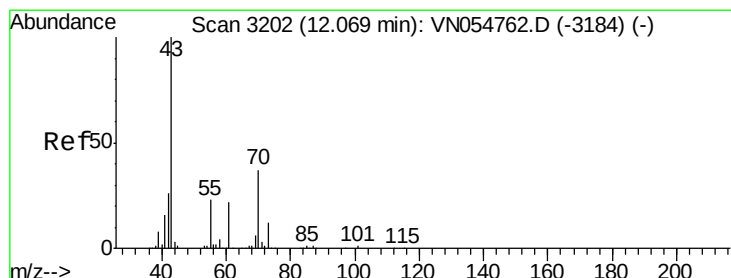
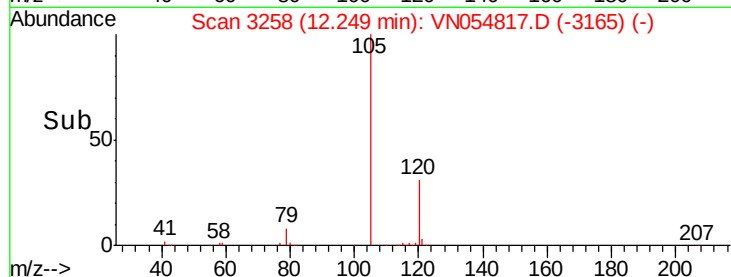
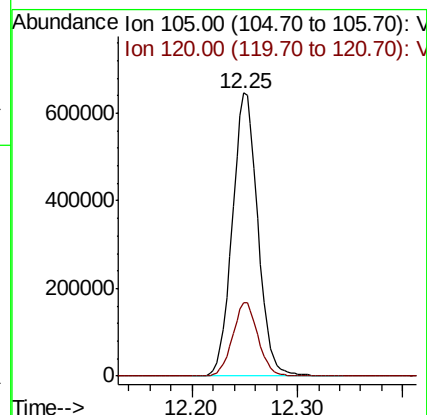
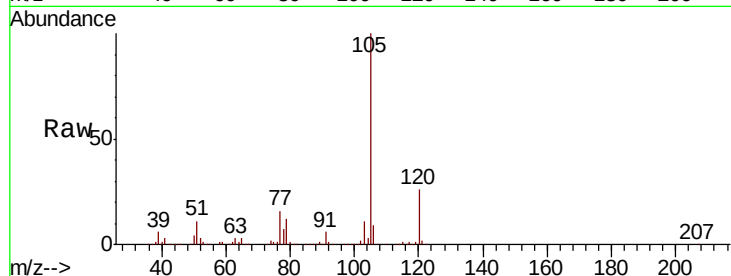
ClientSampleId :

Tot Ion:105 Resp: 1075346

Ion Ratio Lower Upper

105 100

120 26.0 13.8 41.3



#74

N-ethyl acetate

Concen: 60.327 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Tgt Ion: 43 Resp: 409866

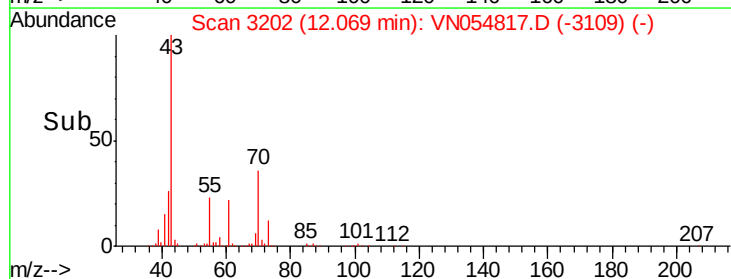
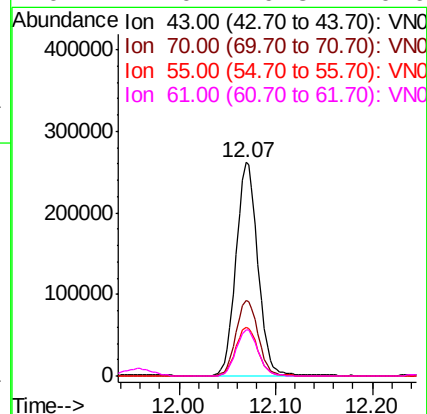
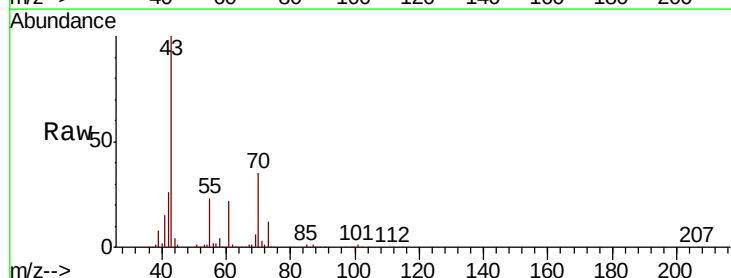
Ion Ratio Lower Upper

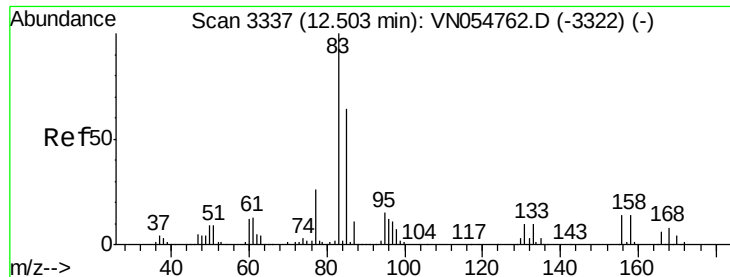
43 100

70 36.1 35.4 53.0

55 23.4 19.8 29.6

61 22.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 64.735 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampled :

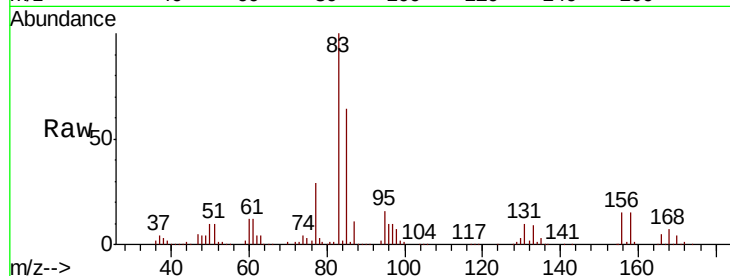
Tot Ion: 83 Resp: 308784

Ion Ratio Lower Upper

83 100

131 9.9 5.8 17.4

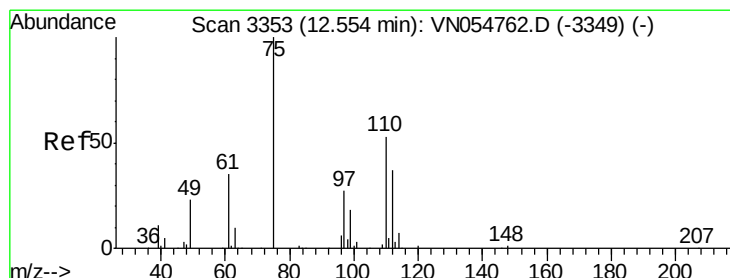
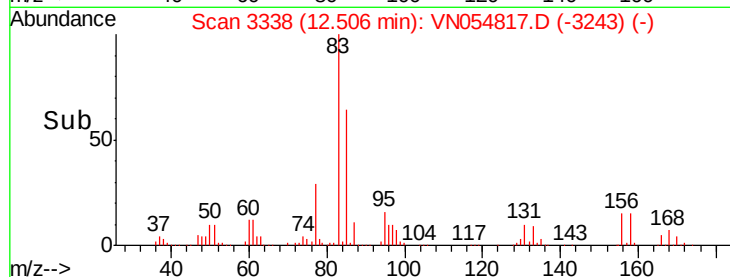
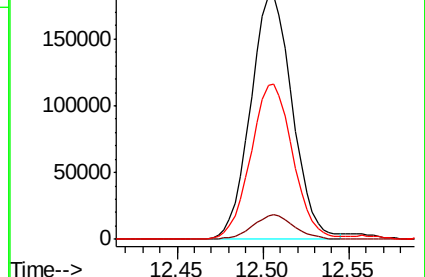
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054762.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN054762.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN054762.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 76.791 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054817.D

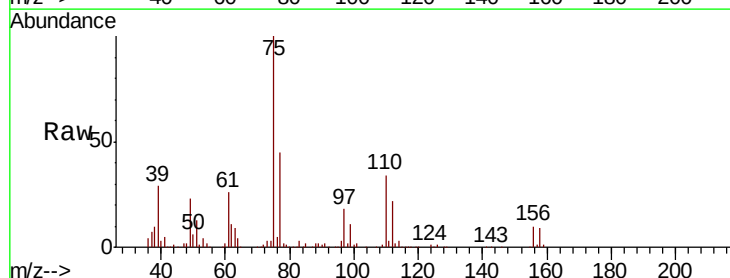
Acq: 30 Mar 2019 21:45

Tgt Ion: 75 Resp: 355931

Ion Ratio Lower Upper

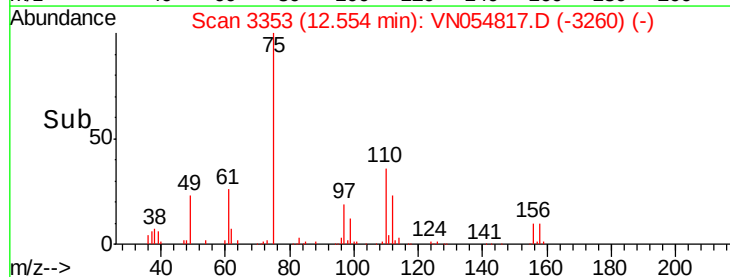
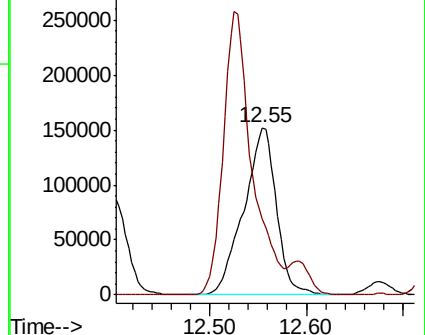
75 100

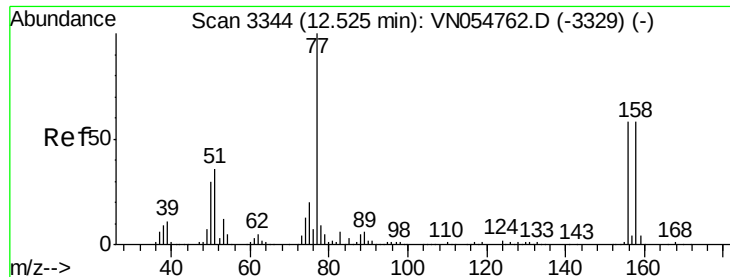
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN054762.D (-3349) (-)





#77

Bromobenzene

Concen: 50.864 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

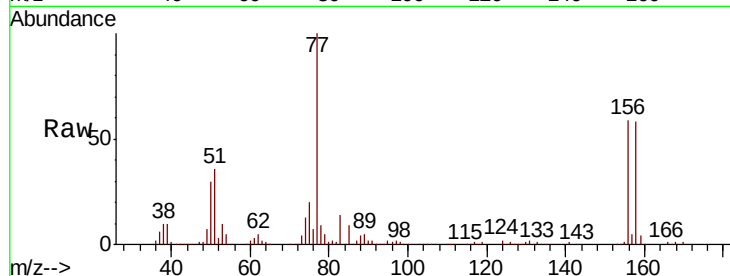
Tot Ion:156 Resp: 267711

Ion Ratio Lower Upper

156 100

77 199.2 81.5 244.4

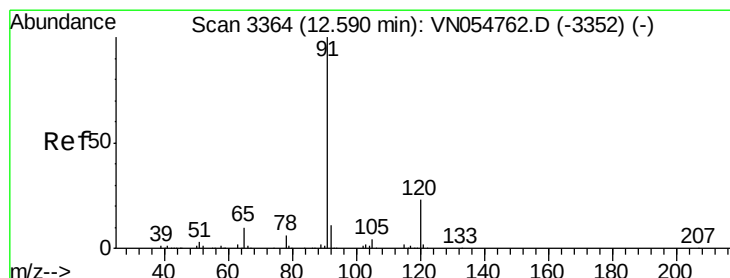
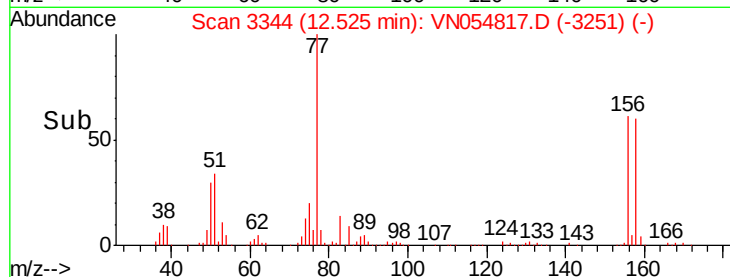
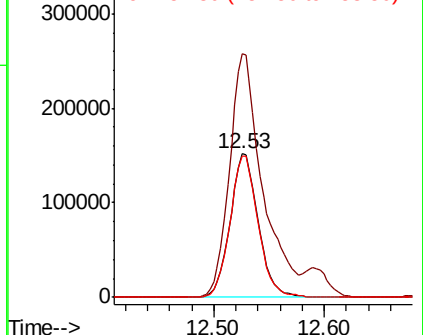
158 98.6 49.0 147.2



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: 49.610 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054817.D

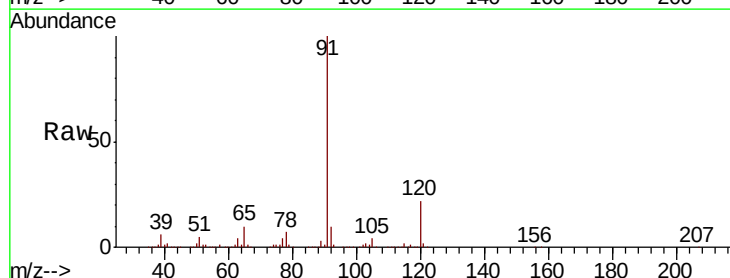
Acq: 30 Mar 2019 21:45

Tgt Ion: 91 Resp: 1189114

Ion Ratio Lower Upper

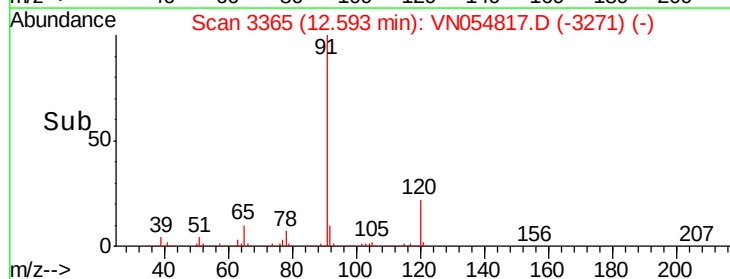
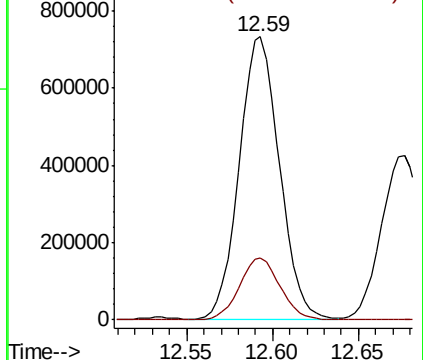
91 100

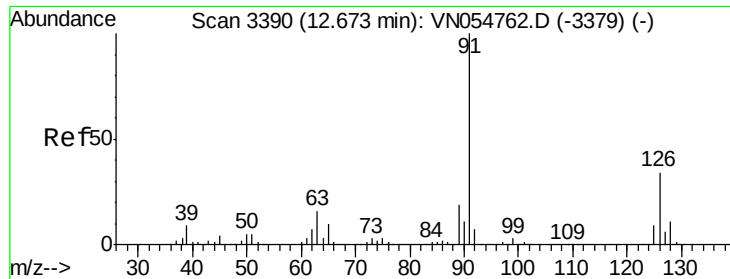
120 22.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

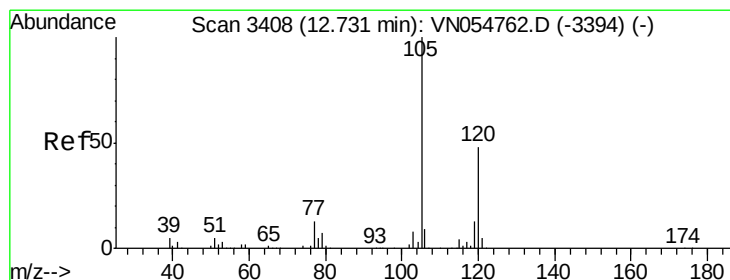
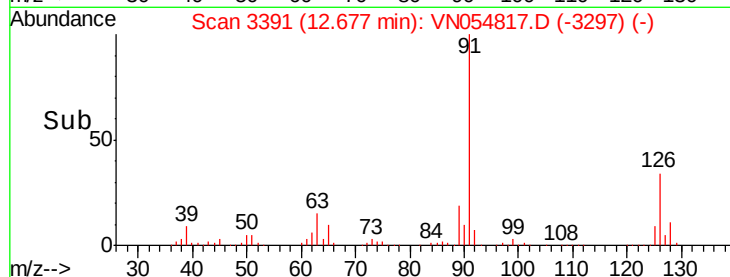
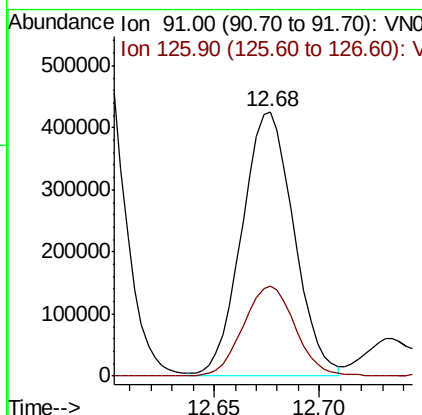
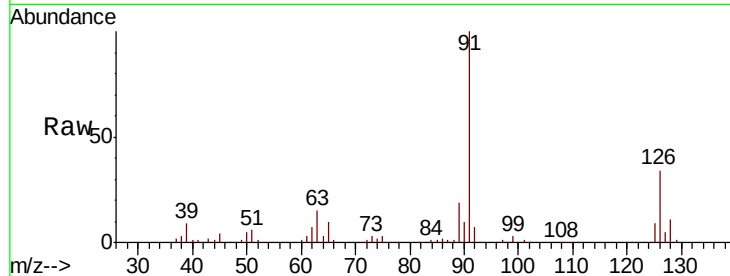




#79
 2-Chlorotoluene
 Concen: 48.956 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

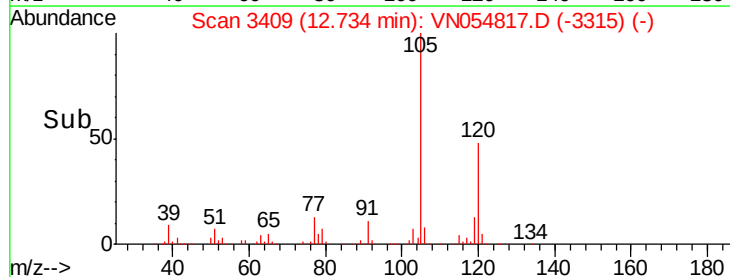
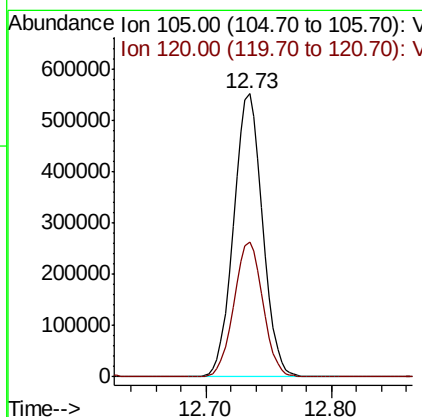
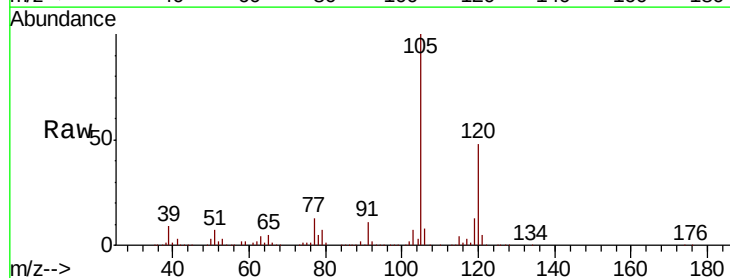
Instrument :
 MSVOA_N
 ClientSampled :

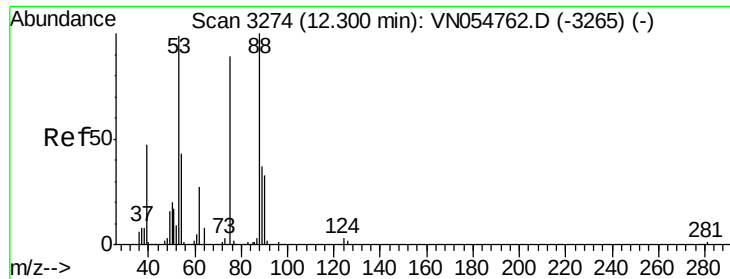
Tot Ion: 91 Resp: 725967
 Ion Ratio Lower Upper
 91 100
 126 34.4 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.298 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion: 105 Resp: 882144
 Ion Ratio Lower Upper
 105 100
 120 47.8 25.0 75.0

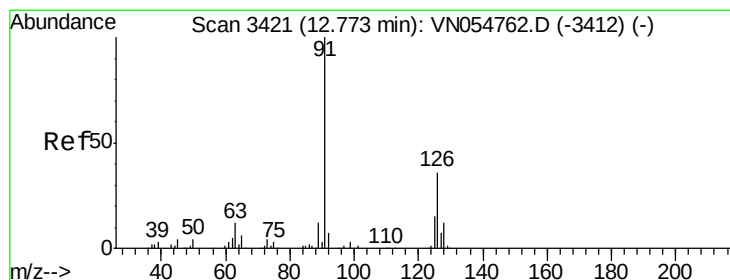
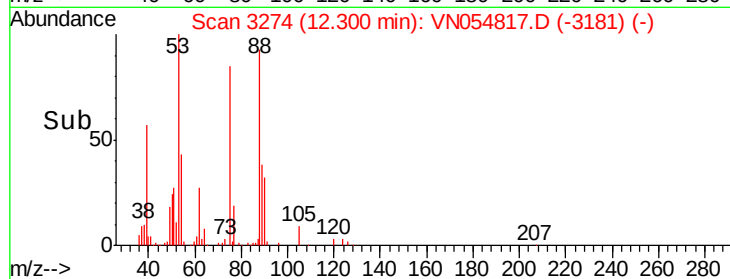
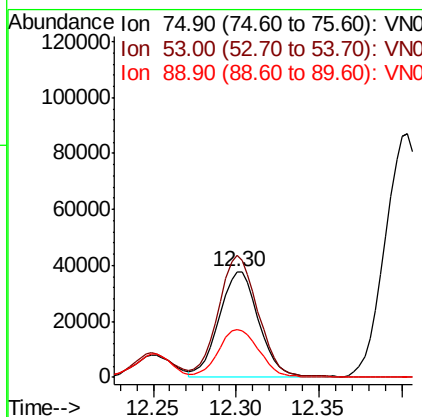
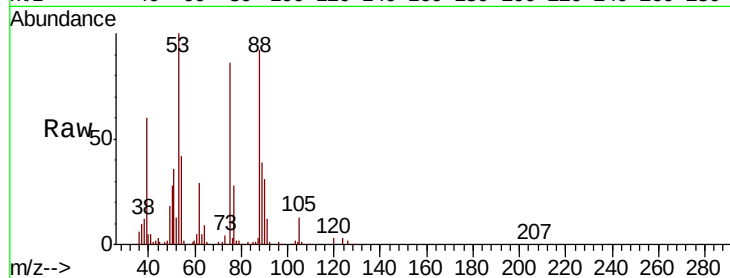




#81
trans-1,4-Dichloro-2-butene
Concen: 52.273 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

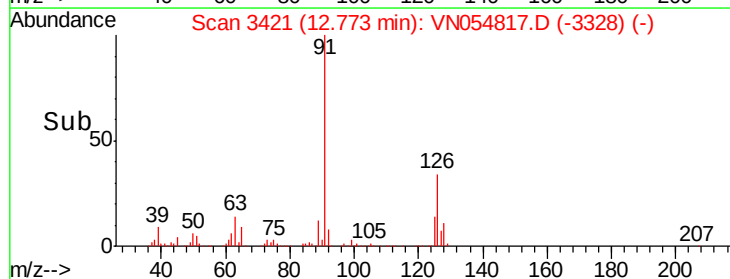
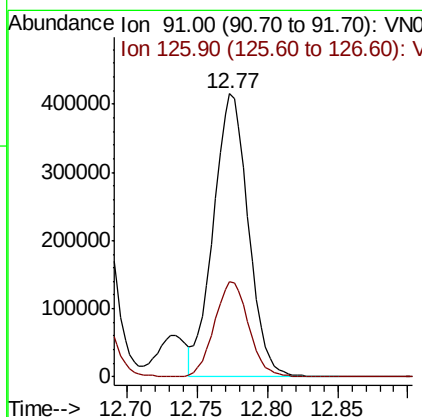
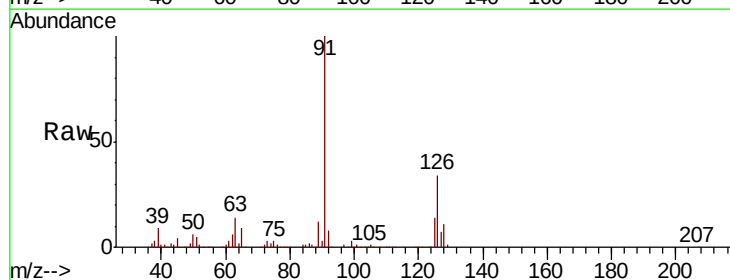
Instrument :
MSVOA_N
ClientSampled :

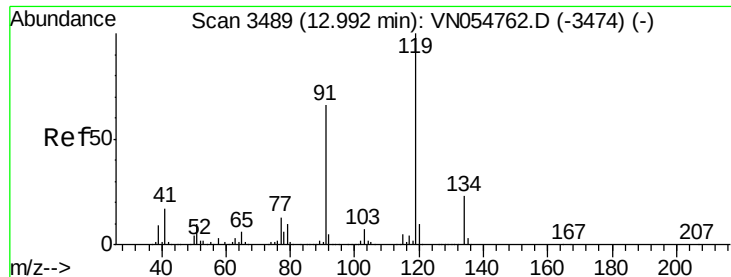
Tot Ion: 75 Resp: 62289
Ion Ratio Lower Upper
75 100
53 117.0 76.2 114.2#
89 46.7 39.2 58.8



#82
4-Chlorotoluene
Concen: 49.594 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion: 91 Resp: 714319
Ion Ratio Lower Upper
91 100
126 33.1 18.1 54.1

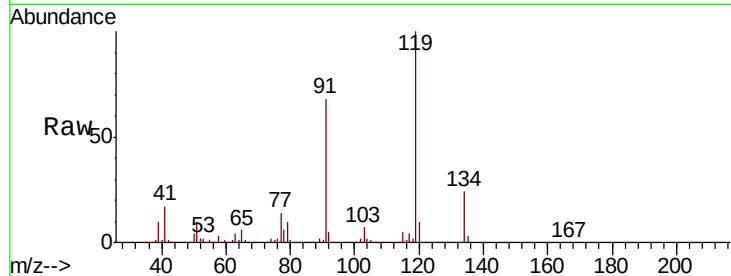




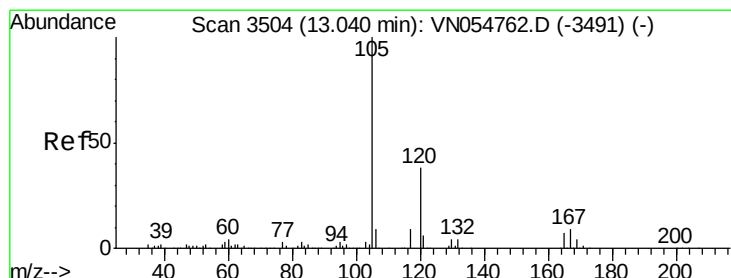
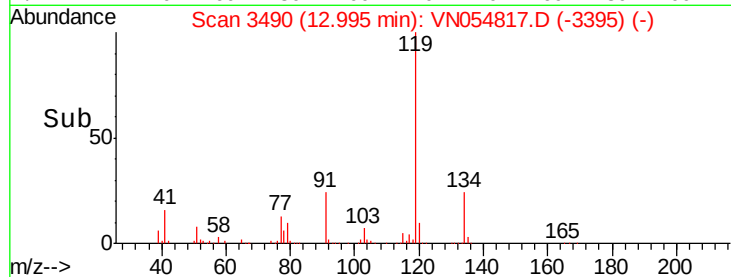
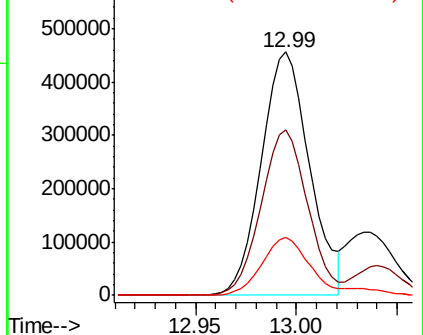
#83
 tert-Butylbenzene
 Concen: 55.080 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 760727
 Ion Ratio Lower Upper
 119 100
 91 65.2 30.9 92.8
 134 23.4 13.2 39.6

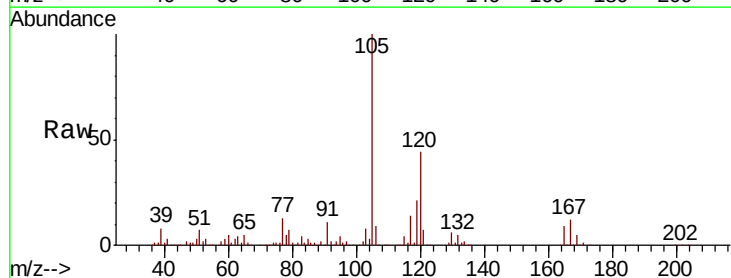


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

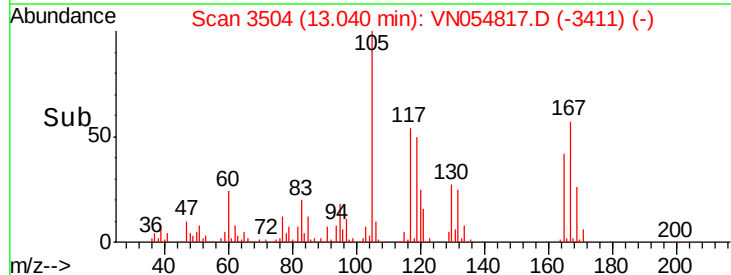
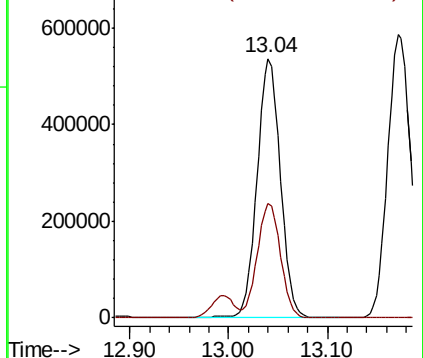


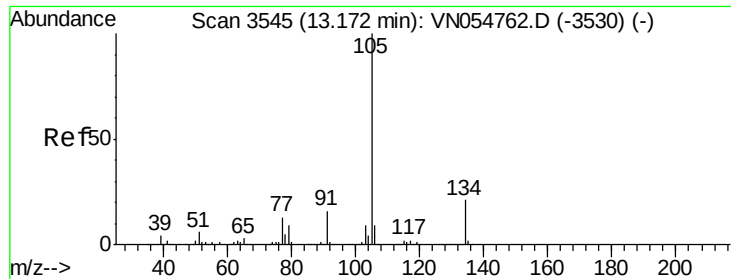
#84
 1,2,4-Trimethylbenzene
 Concen: 51.201 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion:105 Resp: 872852
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.4 70.3



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





#85

sec-Butylbenzene

Concen: 48.920 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

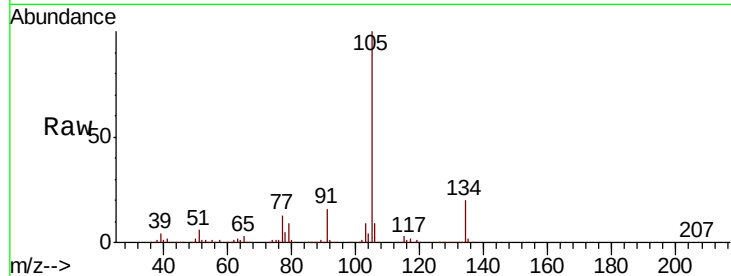
ClientSampleId :

Tot Ion:105 Resp: 950937

Ion Ratio Lower Upper

105 100

134 19.7 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

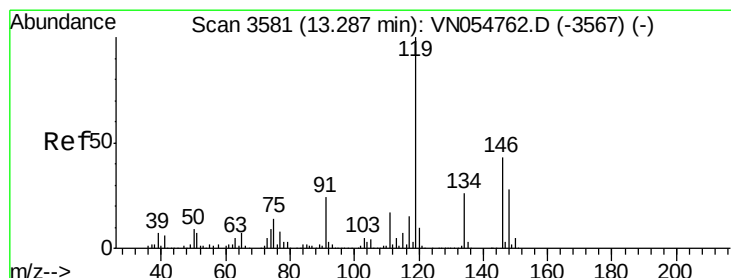
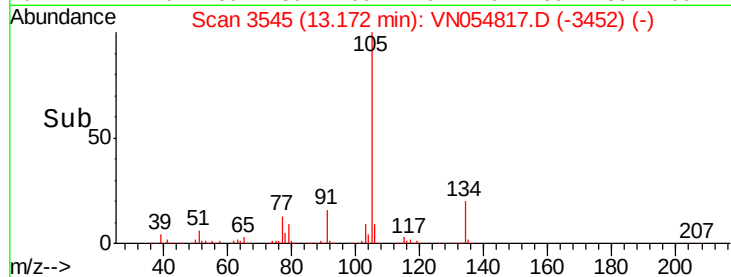
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.895 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

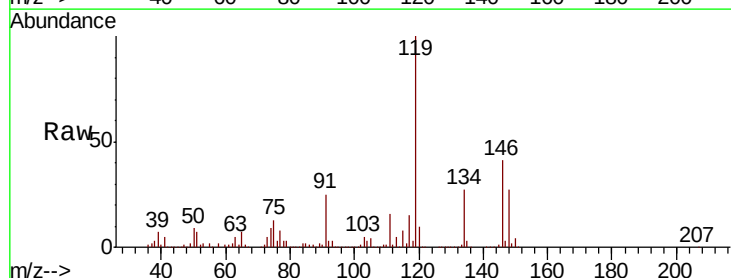
Tgt Ion:119 Resp: 821134

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.4 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

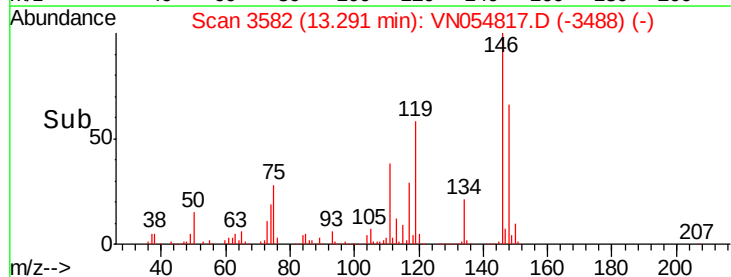
600000

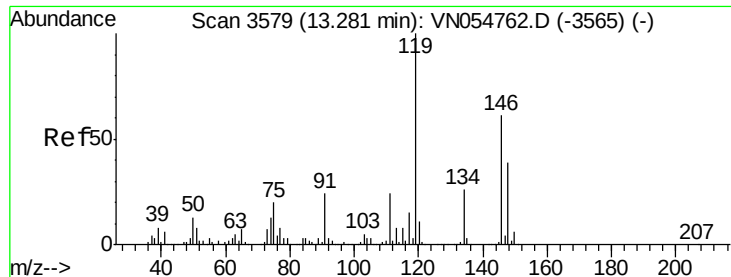
400000

200000

0

Time-->

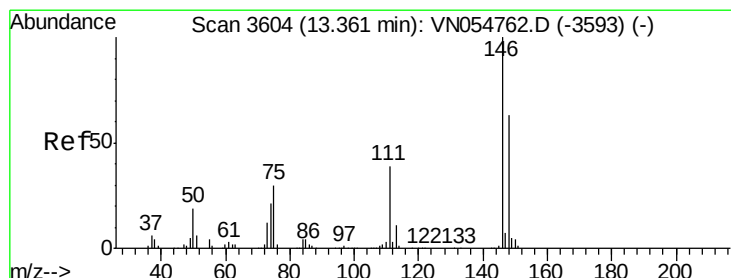
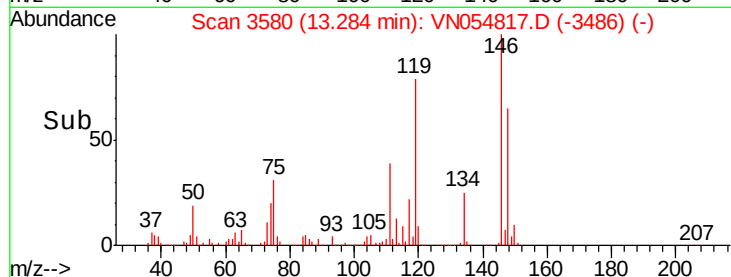
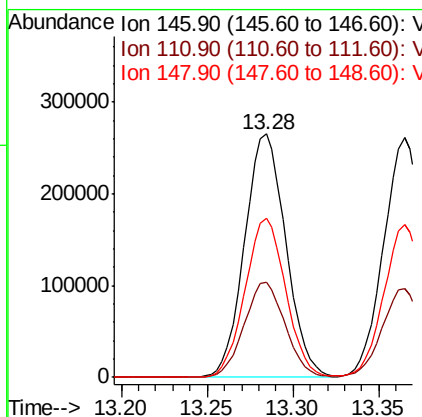
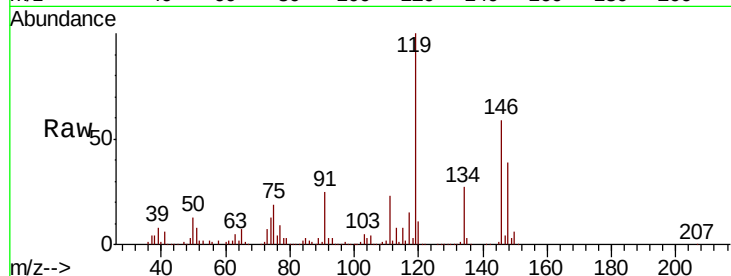




#87
 1,3-Dichlorobenzene
 Concen: 50.074 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

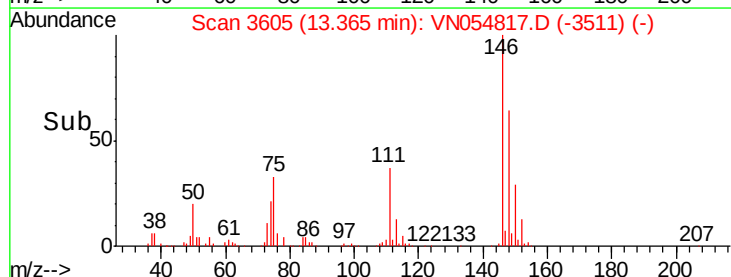
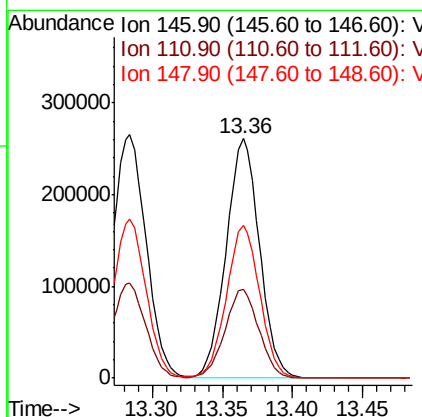
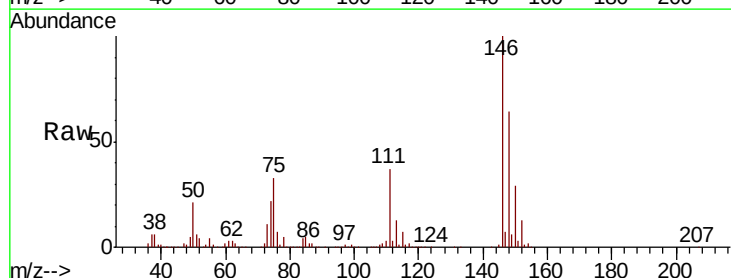
Instrument :
 MSVOA_N
 ClientSampleId :

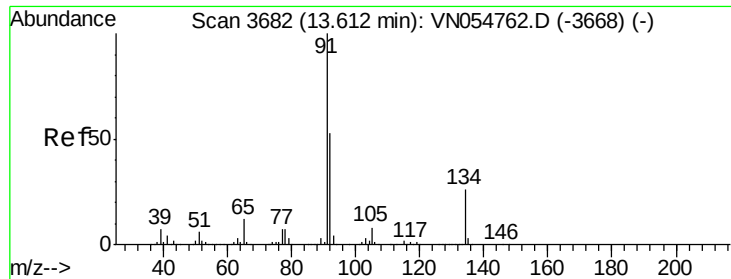
Tot Ion:146 Resp: 441249
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.3
 148 64.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.988 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion:146 Resp: 432034
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 63.3 32.0 96.0





#89

n-Butylbenzene

Concen: 47.448 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

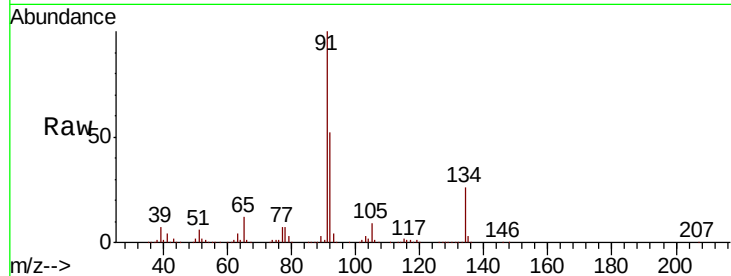
Tot Ion: 91 Resp: 663700

Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	25.3	14.3	42.9

91 100

92 52.1 26.2 78.6

134 25.3 14.3 42.9

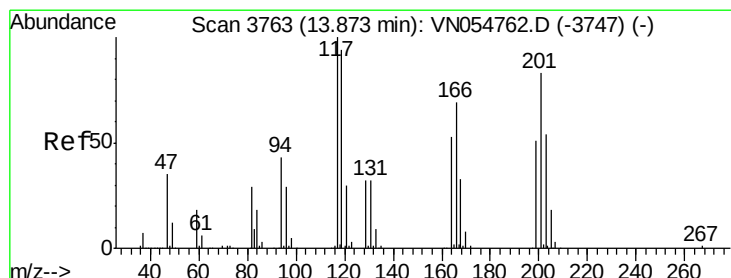
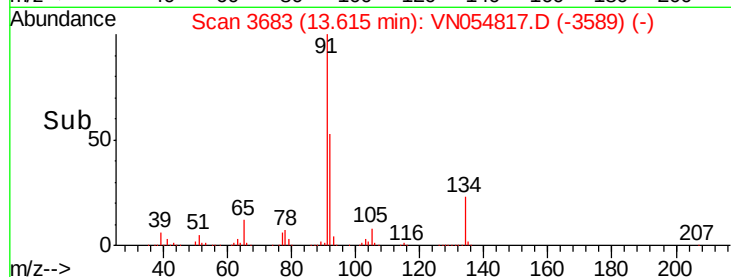
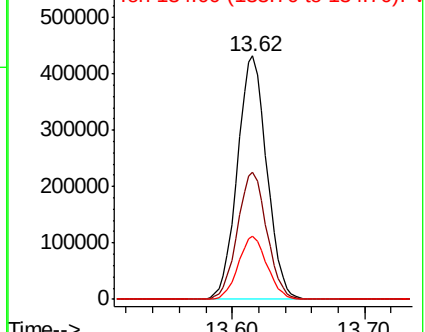


Abundance

Ion 91.00 (90.70 to 91.70): VN054817.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054817.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054817.D (-3682) (-)



#90

Hexachloroethane

Concen: 48.715 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054817.D

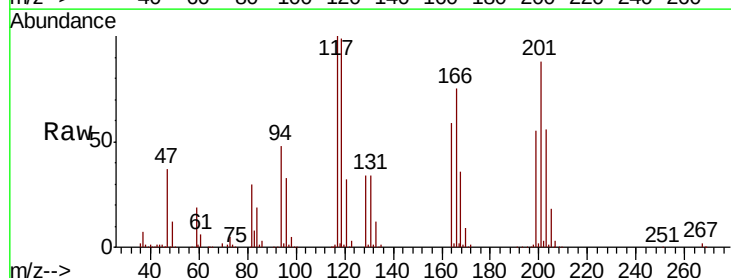
Acq: 30 Mar 2019 21:45

Tgt Ion: 117 Resp: 141805

Ion	Ratio	Lower	Upper
117	100		
201	87.6	48.1	144.4

117 100

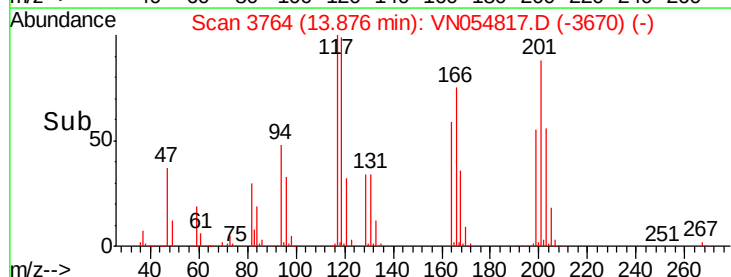
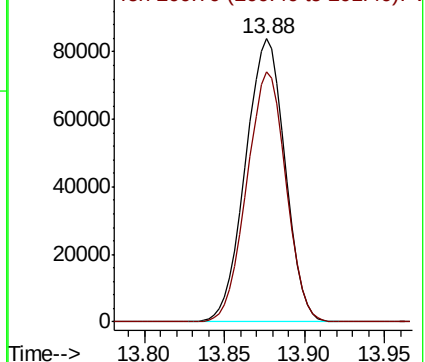
201 87.6 48.1 144.4

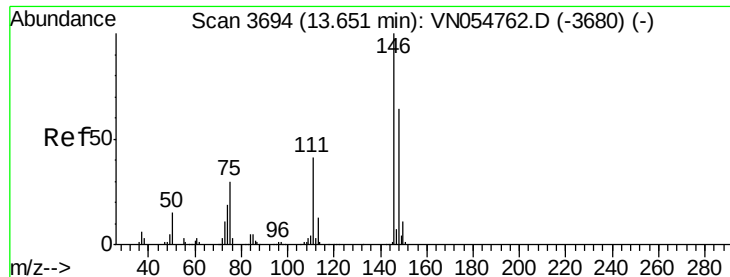


Abundance

Ion 116.80 (116.50 to 117.50): VN054817.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054817.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 50.222 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

Instrument :

MSVOA_N

ClientSampleId :

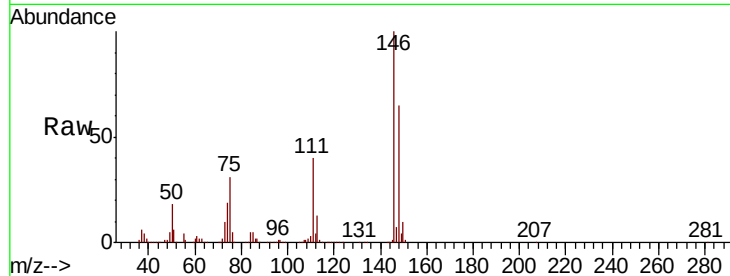
Tot Ion:146 Resp: 446638

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.3

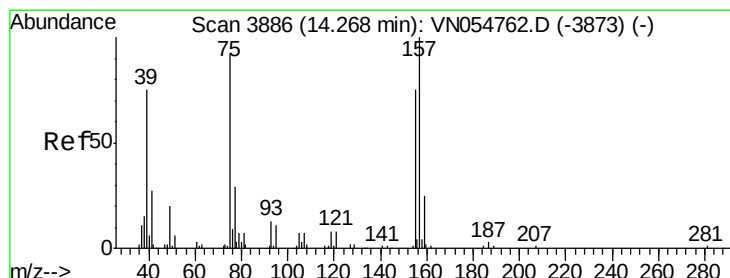
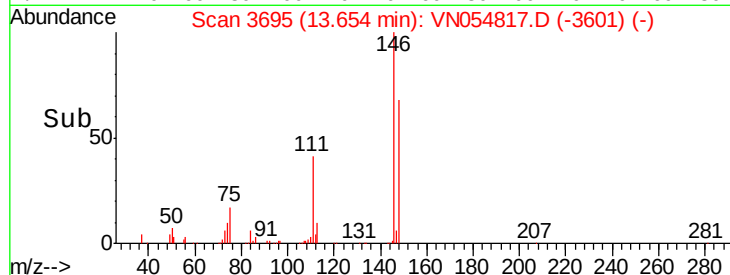
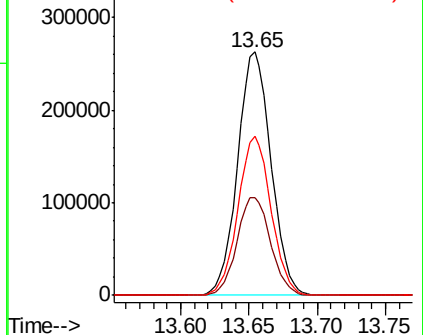
148 64.6 32.4 97.0



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: 65.105 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054817.D

Acq: 30 Mar 2019 21:45

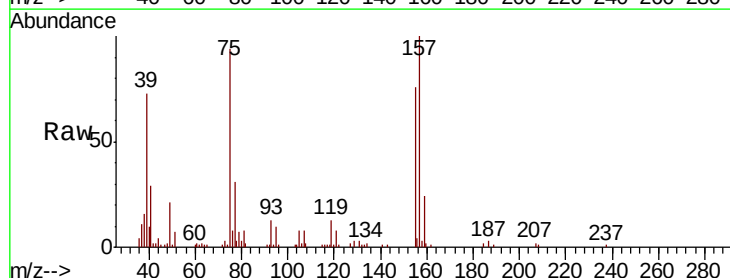
Tgt Ion: 75 Resp: 48537

Ion Ratio Lower Upper

75 100

155 81.8 50.1 150.3

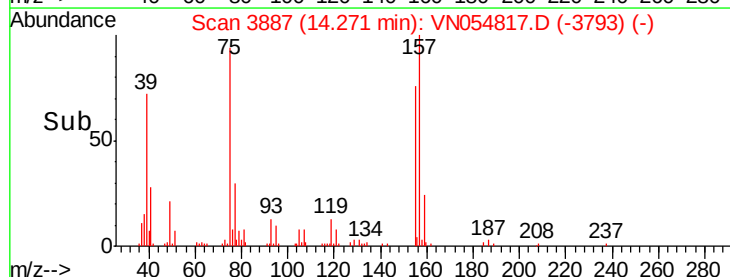
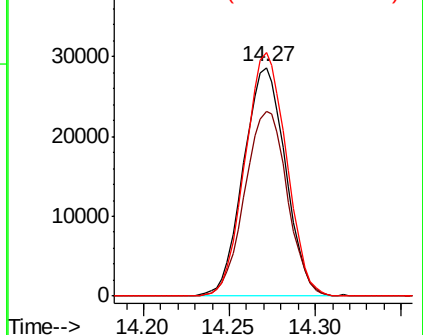
157 105.0 63.1 189.3

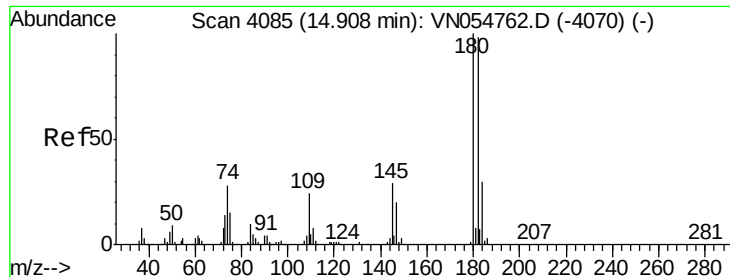


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

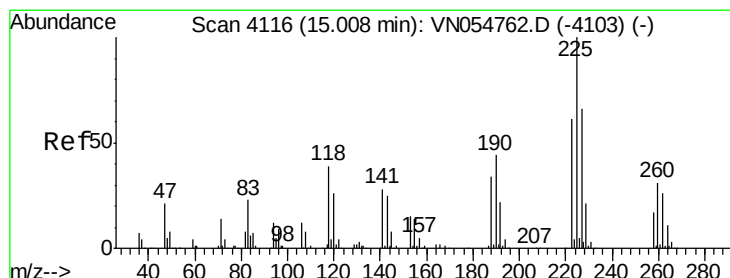
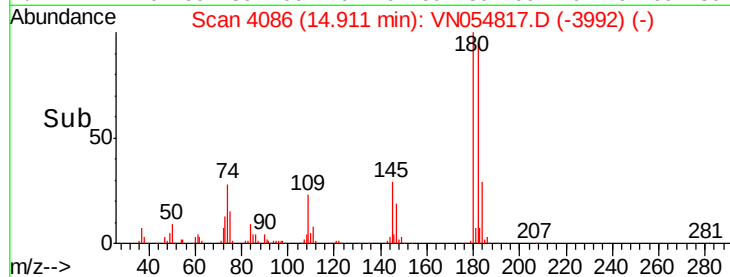
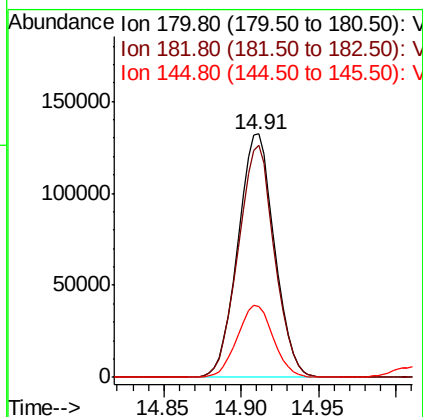
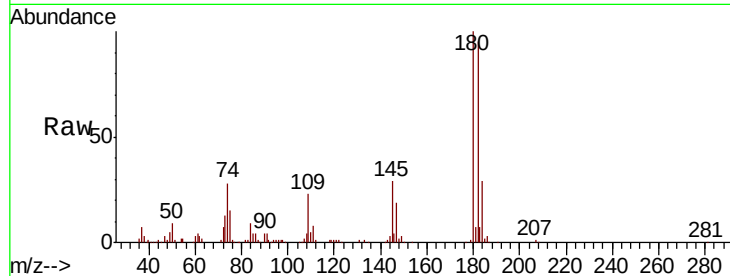




#93
 1,2,4-Trichlorobenzene
 Concen: 50.678 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

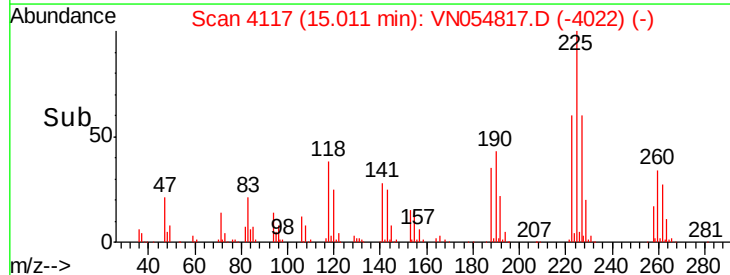
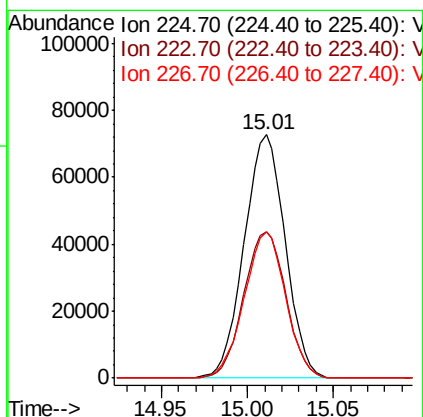
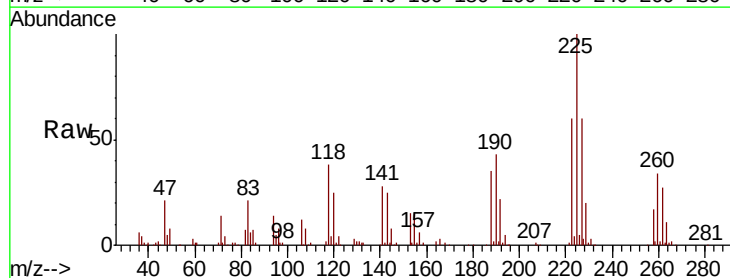
Instrument :
 MSVOA_N
 ClientSampleId :

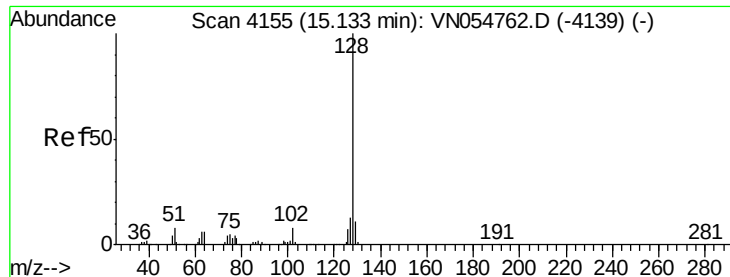
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	29.0	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 47.250 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054817.D
 Acq: 30 Mar 2019 21:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.5
227	60.7	31.9	95.9

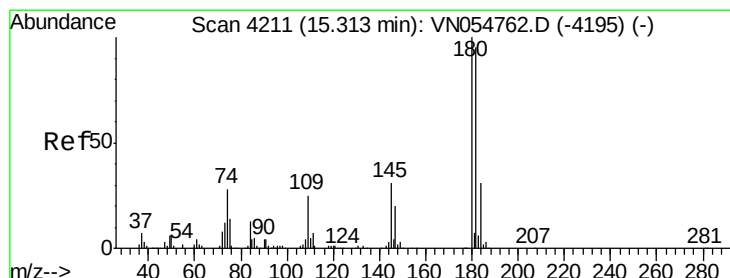
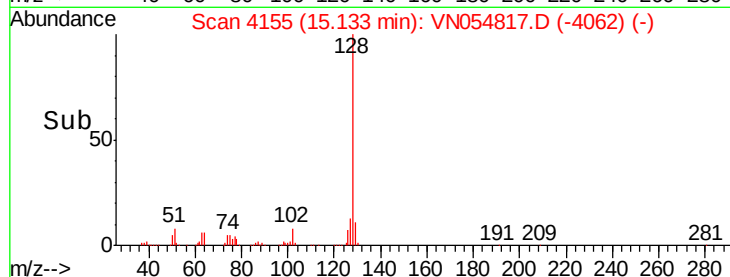
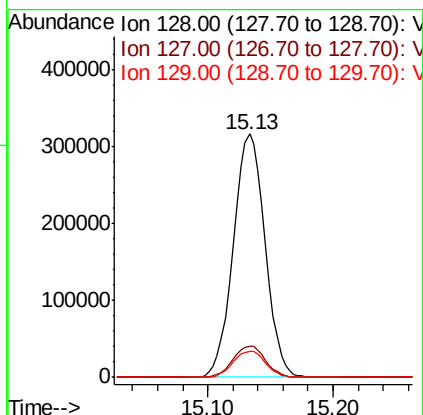
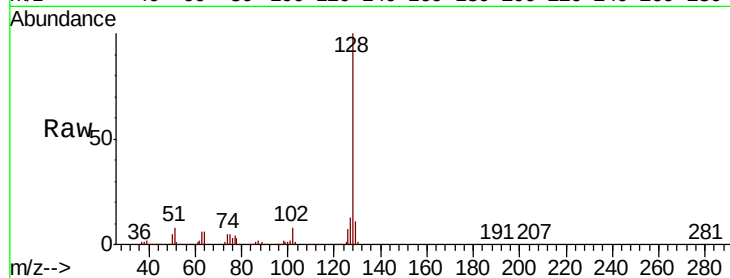




#95
Naphthalene
Concen: 57.763 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 555452
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.555 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054817.D
Acq: 30 Mar 2019 21:45

Tgt Ion:180 Resp: 223235
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 31.7 14.8 44.3

