

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057613.D
 Acq On : 31 Aug 2019 14:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 15:17:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:14:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	193289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	133112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	221835	61.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.94%	
35) Dibromofluoromethane	7.58	113	144039	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	
50) Toluene-d8	10.08	98	564079	63.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.94%	
62) 4-Bromofluorobenzene	12.40	95	204839	67.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	157845	64.933	ug/l	100
3) Chloromethane	2.05	50	181967	54.109	ug/l	100
4) Vinyl Chloride	2.18	62	139445	36.695	ug/l	100
5) Bromomethane	2.51	94	83395	35.803	ug/l	100
6) Chloroethane	2.67	64	78834	32.534	ug/l	100
7) Trichlorofluoromethane	3.00	101	199717	33.979	ug/l	100
8) Diethyl Ether	3.40	74	64609	29.459	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	99056	30.651	ug/l	100
10) Methyl Iodide	3.92	142	137069	53.417	ug/l	100
11) Tert butyl alcohol	4.81	59	114086	261.860	ug/l	100
12) 1,1-Dichloroethene	3.71	96	89813	29.086	ug/l	100
13) Acrolein	3.59	56	42596	127.789	ug/l	100
14) Allyl chloride	4.29	41	282909	56.680	ug/l	100
15) Acrylonitrile	4.97	53	355355	297.721	ug/l	100
16) Acetone	3.81	43	315133	196.241	ug/l	100
17) Carbon Disulfide	4.02	76	296116	46.854	ug/l	100
18) Methyl Acetate	4.31	43	198553	47.726	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	473640	56.967	ug/l	100
20) Methylene Chloride	4.53	84	153434	57.058	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	136721	56.247	ug/l	100
22) Diisopropyl ether	5.94	45	596471	60.515	ug/l	100
23) Vinyl Acetate	5.88	43	2420074	311.951	ug/l	100
24) 1,1-Dichloroethane	5.82	63	296128	57.210	ug/l	100
25) 2-Butanone	6.83	43	533675	298.341	ug/l	100
26) 2,2-Dichloropropane	6.81	77	238805	53.843	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	161124	56.111	ug/l	100
28) Bromochloromethane	7.18	49	154029	56.468	ug/l	100
29) Tetrahydrofuran	7.20	42	328831	282.926	ug/l	100
30) Chloroform	7.36	83	294406	54.760	ug/l	100
31) Cyclohexane	7.63	56	283794	56.541	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	244442	55.435	ug/l	100
36) 1,1-Dichloropropene	7.78	75	218892	62.106	ug/l	100
37) Ethyl Acetate	6.92	43	214153	61.872	ug/l	100
38) Carbon Tetrachloride	7.76	117	196245	57.300	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	261977	62.761	ug/l	100
40) Benzene	8.03	78	636423	60.590	ug/l	100
41) Methacrylonitrile	7.16	41	107882	64.219	ug/l	100
42) 1,2-Dichloroethane	8.11	62	260839	63.565	ug/l	100
43) Isopropyl Acetate	8.16	43	387174	61.092	ug/l	100
44) Trichloroethene	8.82	130	142205	60.879	ug/l	100
45) 1,2-Dichloropropane	9.11	63	176709	59.760	ug/l	100
46) Dibromomethane	9.20	93	109178	58.152	ug/l	100
47) Bromodichloromethane	9.40	83	230799	59.309	ug/l	100
48) Methyl methacrylate	9.19	41	195799	64.264	ug/l	100
49) 1,4-Dioxane	9.20	88	42972	1118.611	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1147021	321.399	ug/l	100
52) Toluene	10.15	92	384254	63.149	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238613	58.837	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	265164	58.600	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	145894	59.726	ug/l	100
56) Ethyl methacrylate	10.43	69	243428	63.112	ug/l	100
57) 1,3-Dichloropropane	10.70	76	267383	62.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	345034	368.519	ug/l	100
59) 2-Hexanone	10.75	43	809919	329.036	ug/l	100
60) Dibromochloromethane	10.90	129	146252	57.428	ug/l	100
61) 1,2-Dibromoethane	11.00	107	146466	61.290	ug/l	100
64) Tetrachloroethene	10.63	164	133420	59.935	ug/l	100
65) Chlorobenzene	11.43	112	384480	59.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	133881	55.475	ug/l	100
67) Ethyl Benzene	11.51	91	769529	61.854	ug/l	100
68) m/p-Xylenes	11.62	106	535784	126.678	ug/l	100
69) o-Xylene	11.95	106	259610	62.205	ug/l	100
70) Styrene	11.96	104	438705	65.871	ug/l	100
71) Bromoform	12.13	173	87798	54.427	ug/l #	100
73) Isopropylbenzene	12.25	105	722256	47.360	ug/l	100
74) N-amyl acetate	12.07	43	337040	48.134	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	207559	46.384	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	263008	75.216	ug/l #	100
77) Bromobenzene	12.53	156	154627	50.663	ug/l	100
78) n-propylbenzene	12.59	91	818958	50.486	ug/l	100
79) 2-Chlorotoluene	12.67	91	504042	51.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	609477	50.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54280	41.768	ug/l	100
82) 4-Chlorotoluene	12.77	91	490446	52.868	ug/l	100
83) tert-Butylbenzene	12.99	119	504701	47.191	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	584446	54.712	ug/l	100
85) sec-Butylbenzene	13.17	105	683652	52.022	ug/l	100
86) p-Isopropyltoluene	13.29	119	567546	53.004	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	247742	55.588	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	232590	53.661	ug/l	100
89) n-Butylbenzene	13.62	91	506819	55.701	ug/l	100
90) Hexachloroethane	13.88	117	97454	40.585	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	241613	56.714	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32086	44.906	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:14:23 2019
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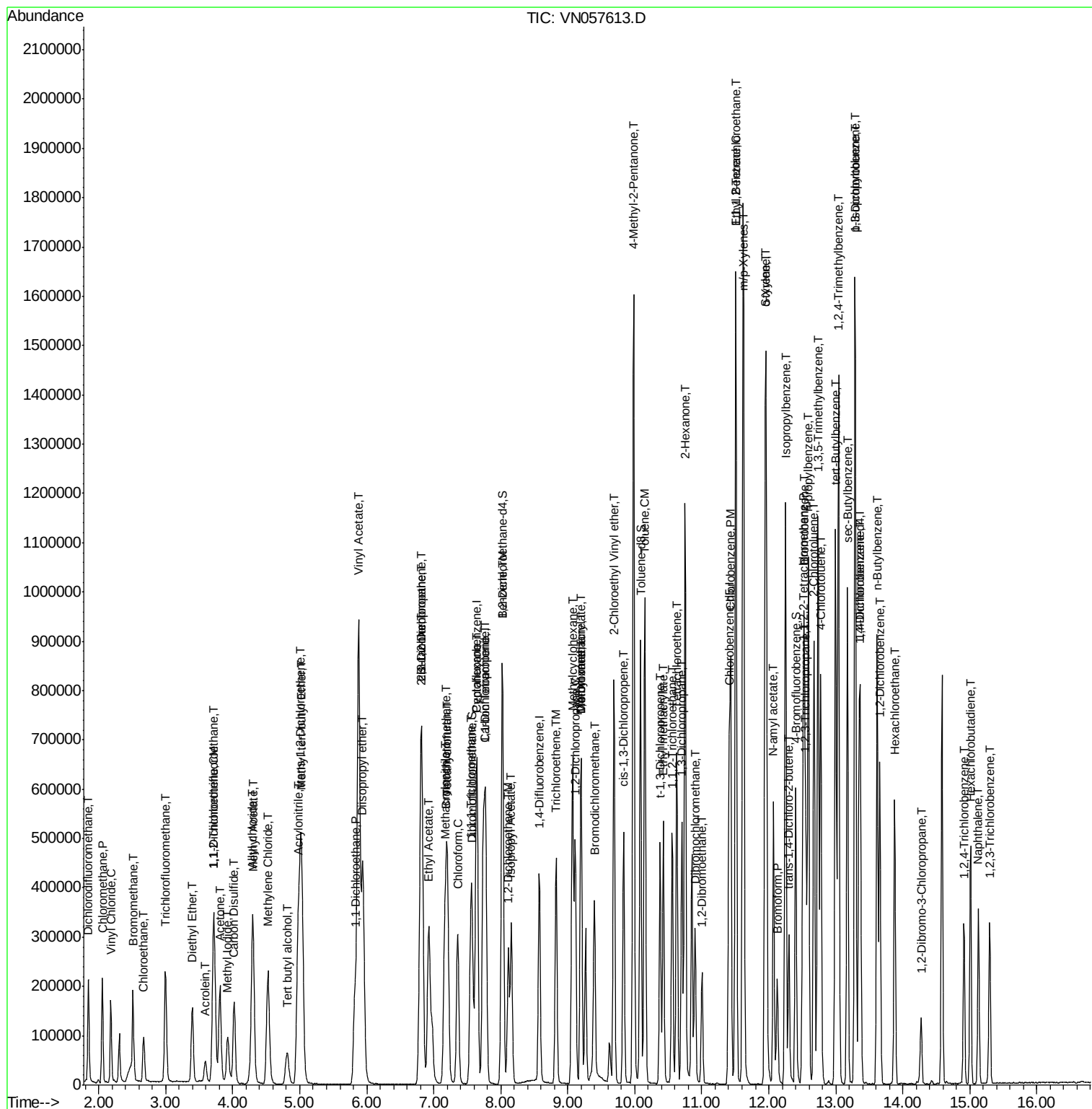
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84271	54.072	ug/l	100
94) Hexachlorobutadiene	15.01	225	76324	56.418	ug/l	100
95) Naphthalene	15.13	128	263844	51.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	88277	53.962	ug/l	100

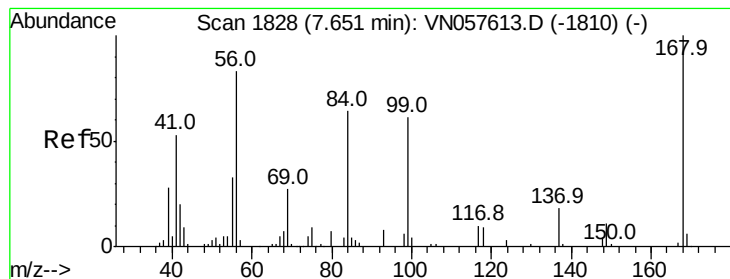
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

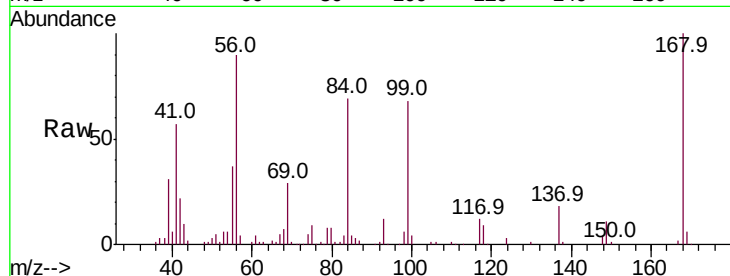
ClientSampled :

Tot Ion:168 Resp: 193289

Ion Ratio Lower Upper

168 100

99 67.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN057613.D (-1810) (-)

Ion 98.90 (98.60 to 99.60): VN057613.D (-1810) (-)

7.65

80000

60000

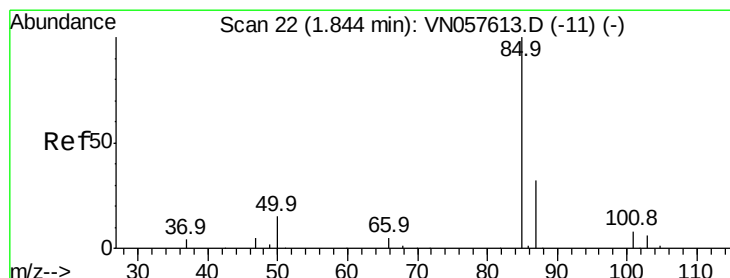
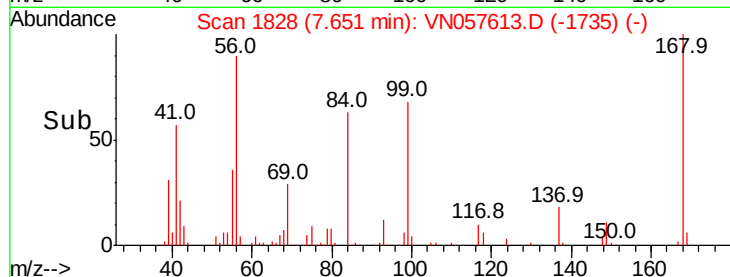
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 64.933 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057613.D

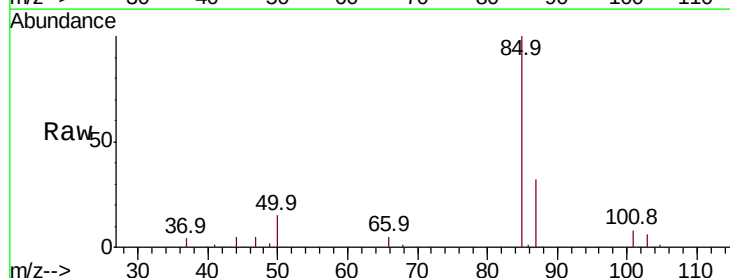
Acq: 31 Aug 2019 14:01

Tgt Ion: 85 Resp: 157845

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN057613.D (-11) (-)

Ion 86.90 (86.60 to 87.60): VN057613.D (-11) (-)

1.84

120000

100000

80000

60000

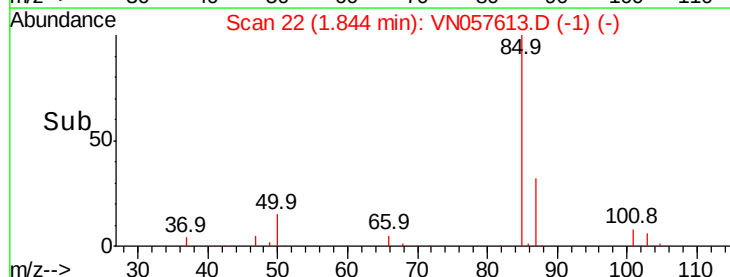
40000

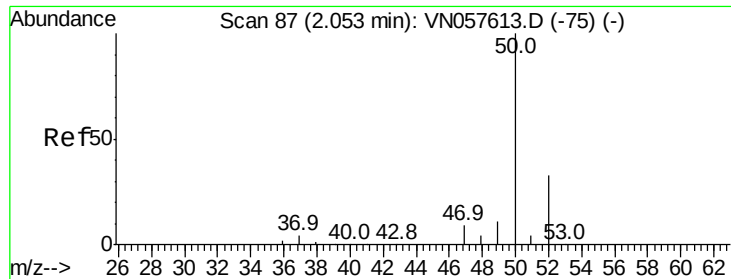
20000

0

1.80 1.85 1.90 1.95

Time-->

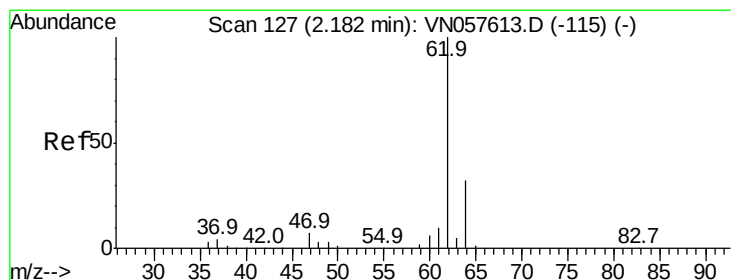
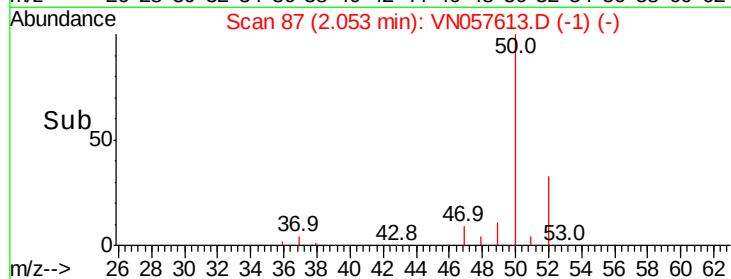
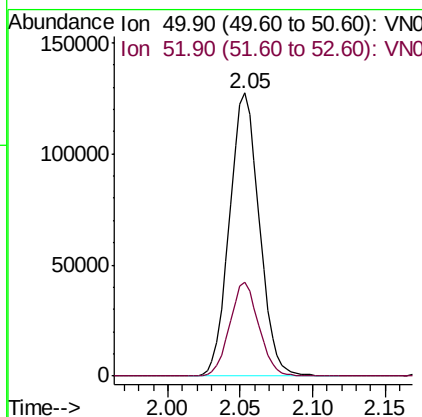
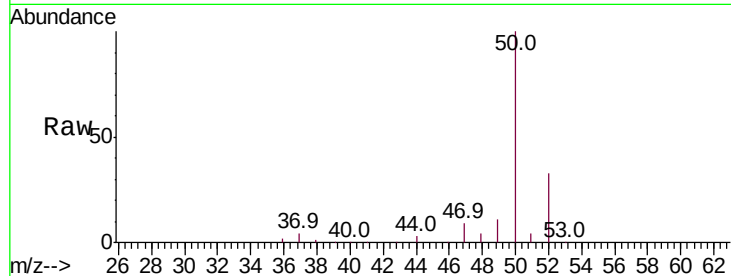




#3
Chloromethane
Concen: 54.109 ug/l
RT: 2.05 min Scan# 87
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

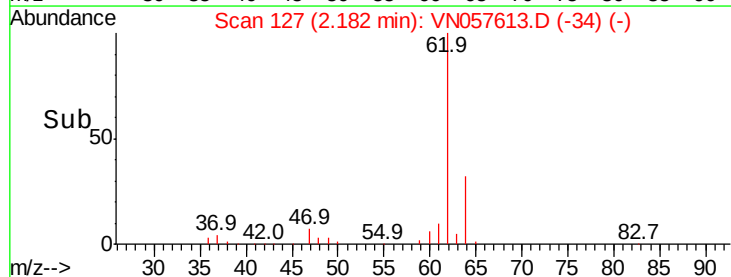
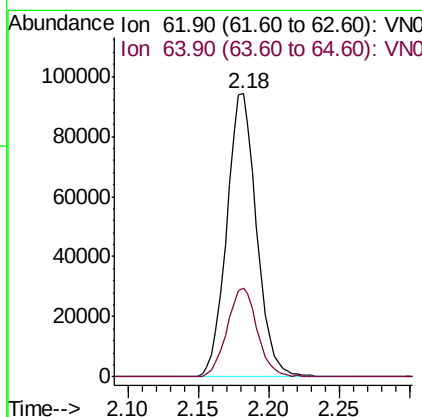
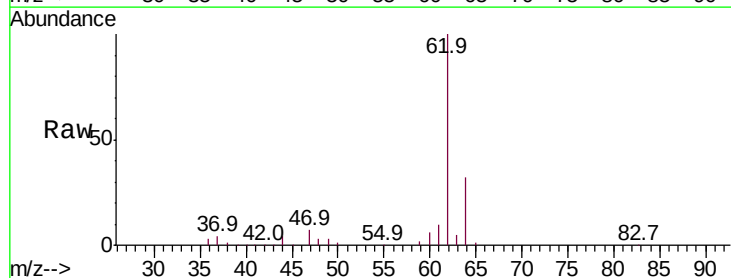
Instrument :
MSVOA_N
ClientSampled :

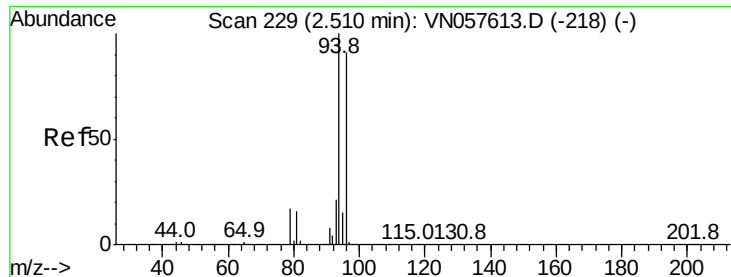
Tot Ion: 50 Resp: 181967
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 36.695 ug/l
RT: 2.18 min Scan# 127
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 62 Resp: 139445
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 35.803 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

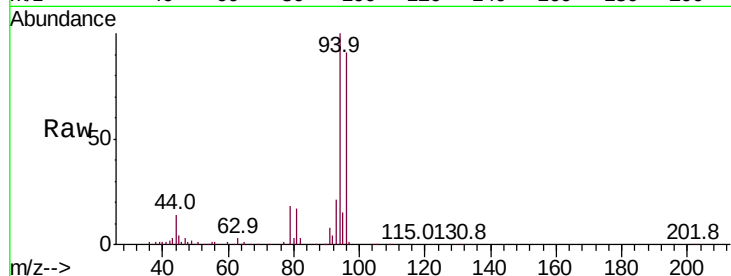
ClientSampleId :

Tot Ion: 94 Resp: 83395

Ion Ratio Lower Upper

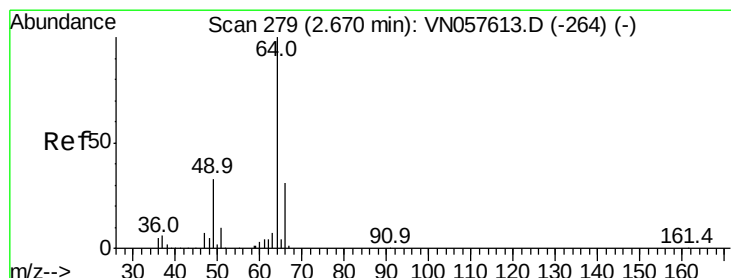
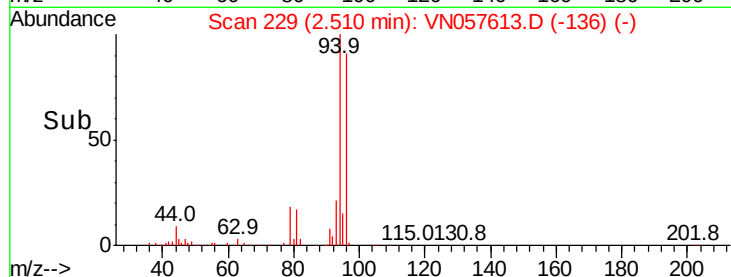
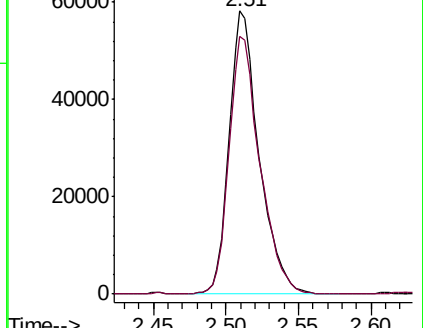
94 100

96 91.1 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 32.534 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN057613.D

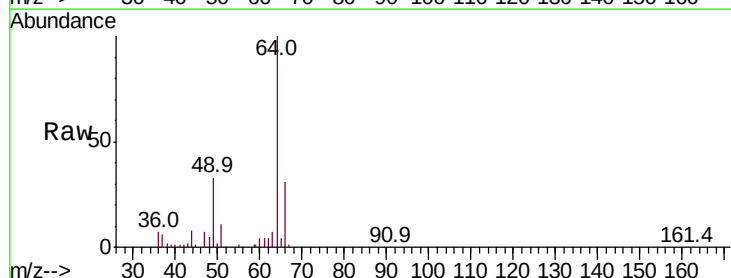
Acq: 31 Aug 2019 14:01

Tgt Ion: 64 Resp: 78834

Ion Ratio Lower Upper

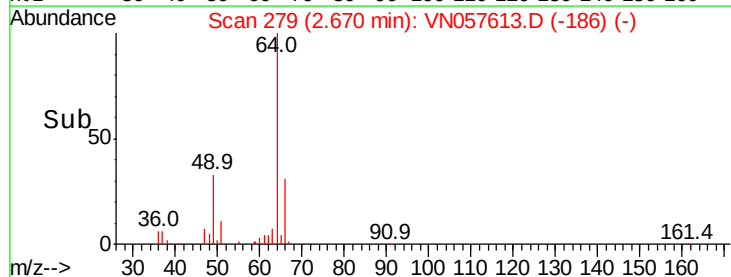
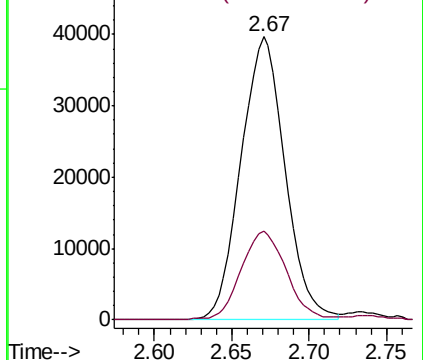
64 100

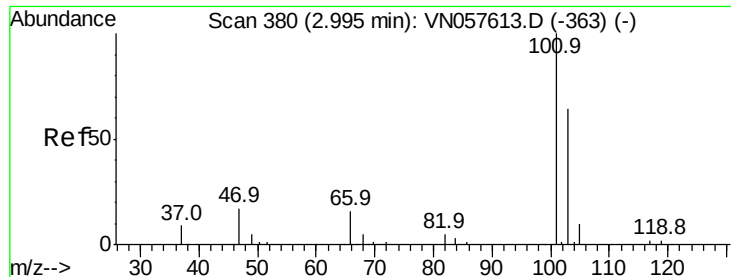
66 30.9 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



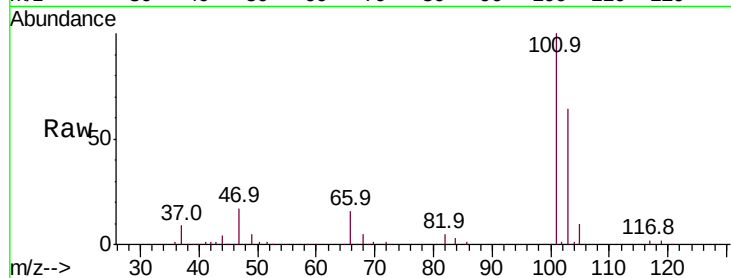


#7

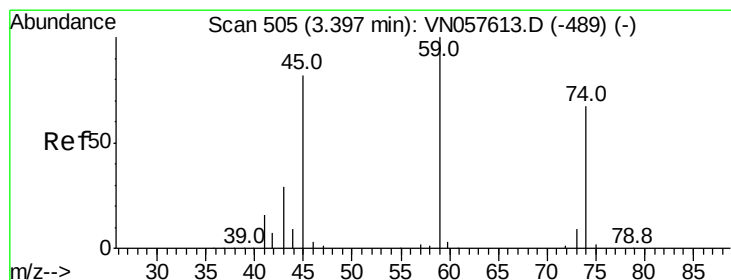
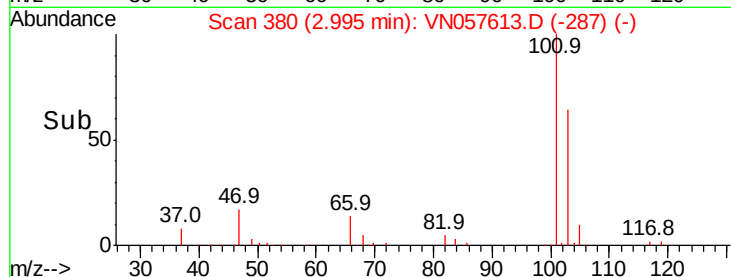
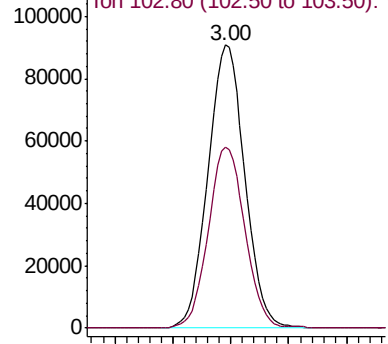
Trichlorofluoromethane
Concen: 33.979 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 199717
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9



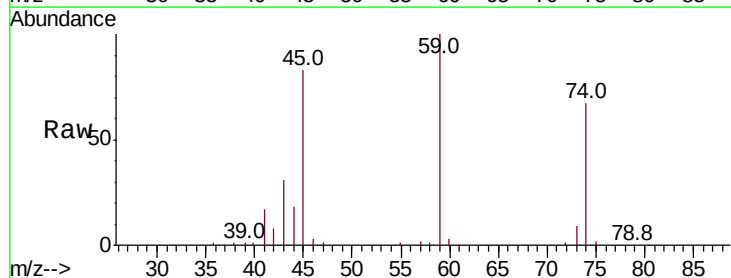
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



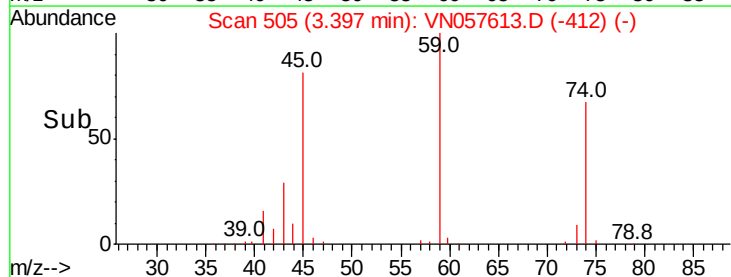
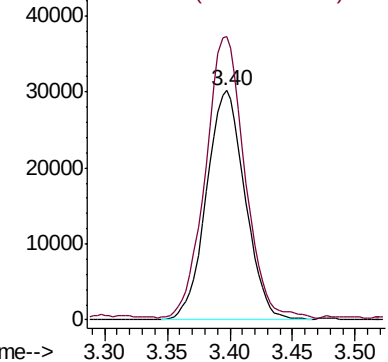
#8

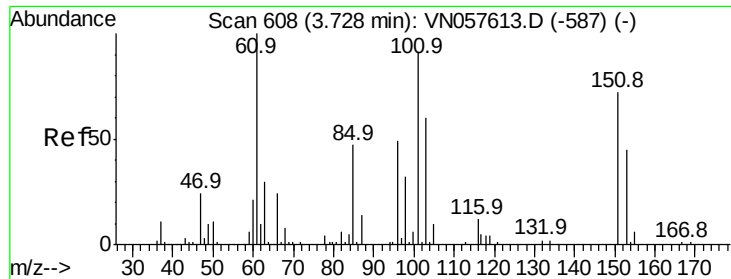
Diethyl Ether
Concen: 29.459 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 74 Resp: 64609
Ion Ratio Lower Upper
74 100
45 123.8 61.9 185.7



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.651 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

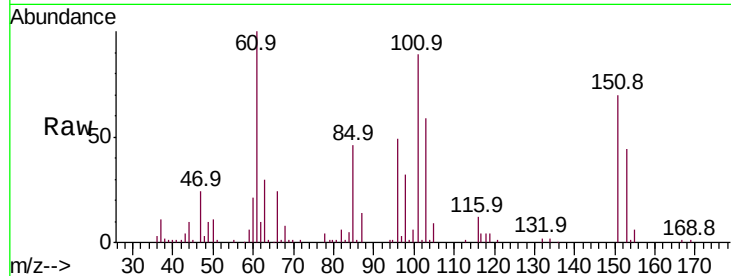
Tot Ion:101 Resp: 99056

Ion Ratio Lower Upper

101 100

85 52.6 42.1 63.1

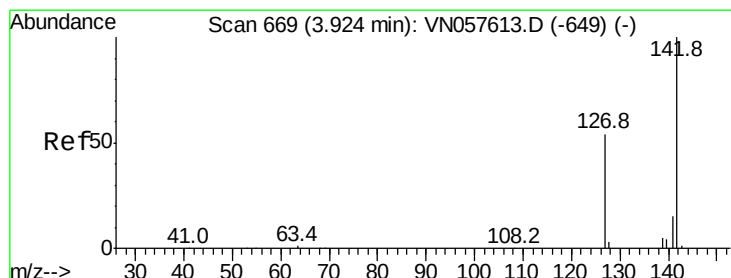
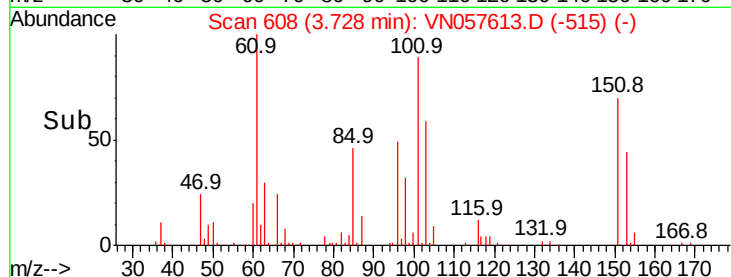
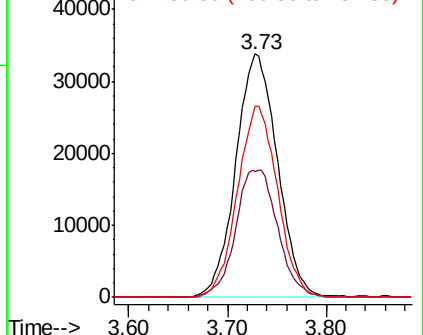
151 75.3 60.2 90.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.417 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

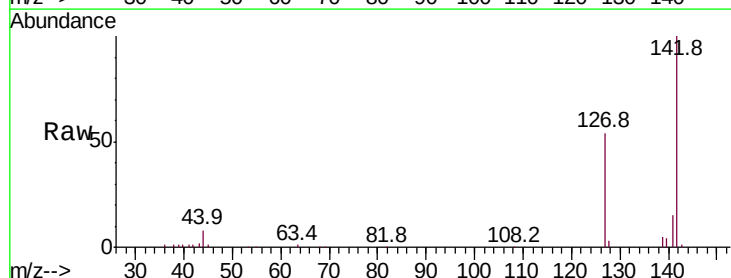
Tgt Ion:142 Resp: 137069

Ion Ratio Lower Upper

142 100

127 53.8 43.0 64.6

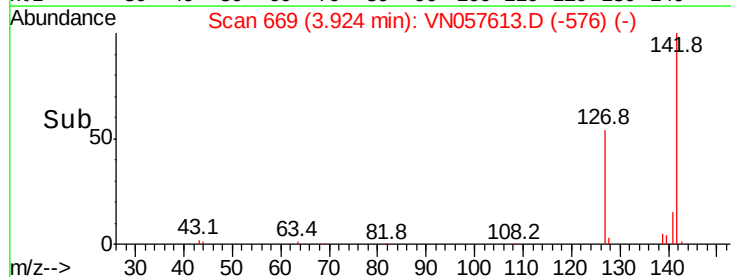
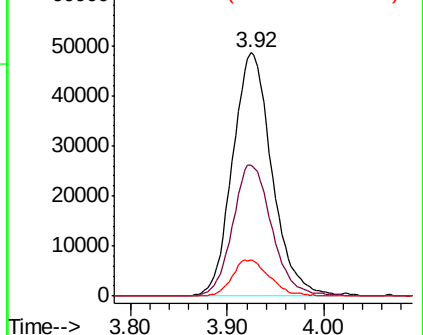
141 14.3 11.4 17.2

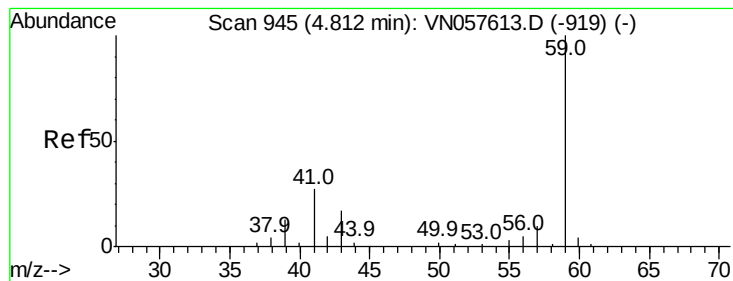


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



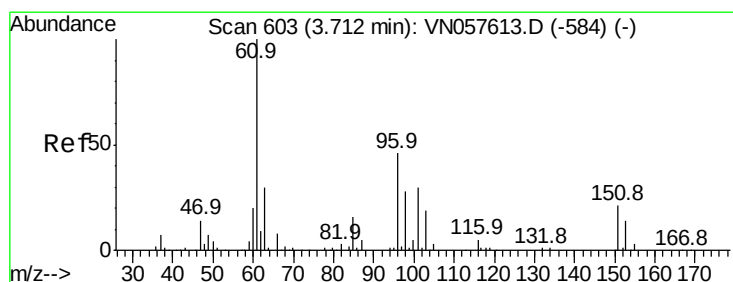
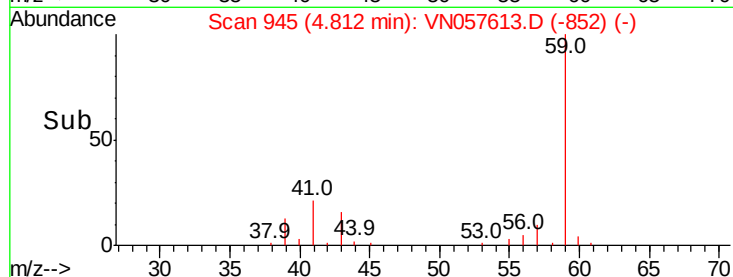
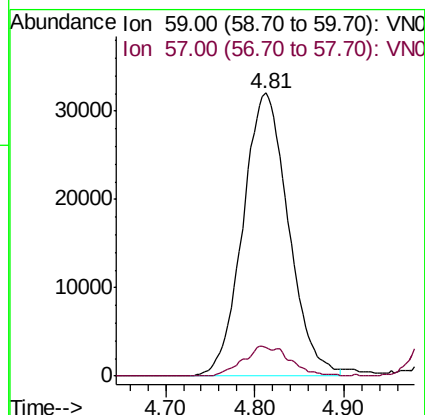
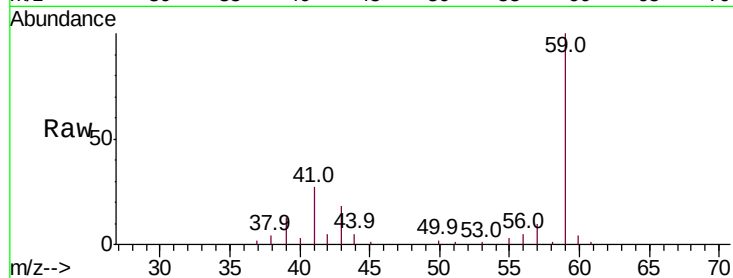


#11

Tert butyl alcohol
Concen: 261.860 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampleId :

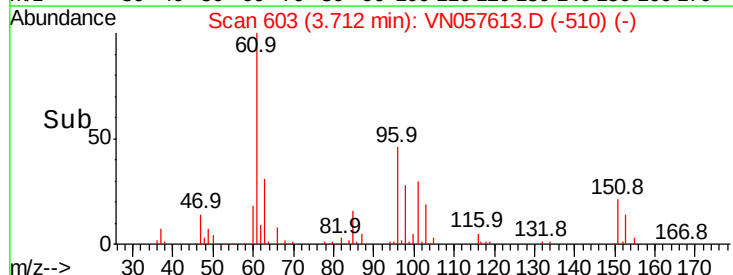
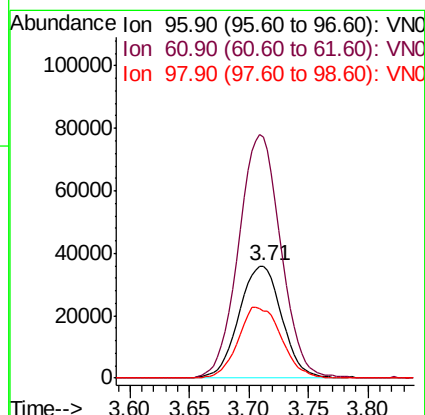
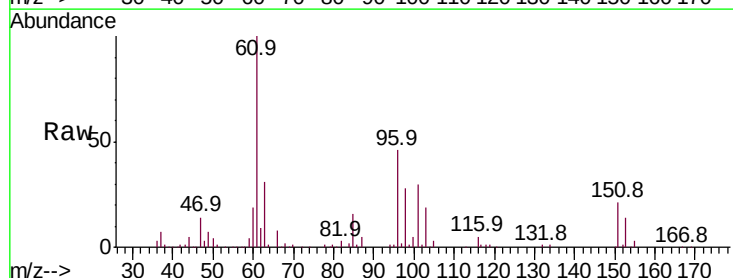
Tot Ion: 59 Resp: 114086
Ion Ratio Lower Upper
59 100
57 6.3 5.0 7.6

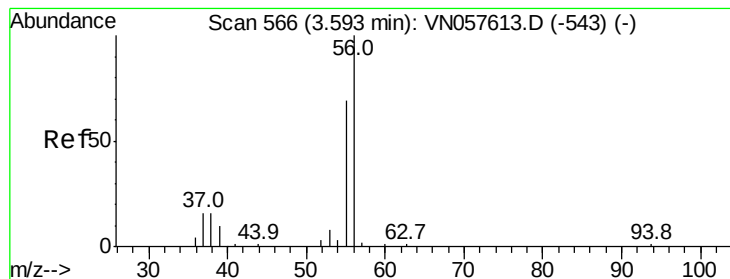


#12

1,1-Dichloroethene
Concen: 29.086 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 96 Resp: 89813
Ion Ratio Lower Upper
96 100
61 215.1 172.1 258.1
98 60.4 48.3 72.5





#13

Acrolein

Concen: 127.789 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

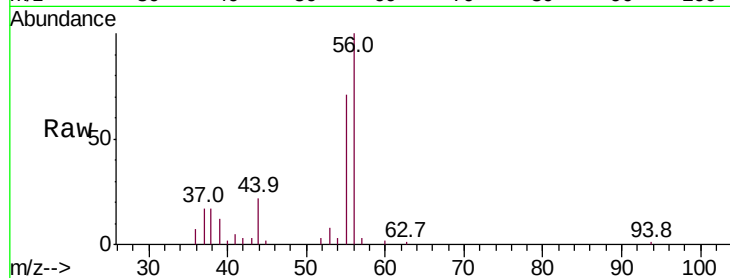
ClientSampleId :

Tot Ion: 56 Resp: 42596

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN057613.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN057613.D (-543) (-)

20000

15000

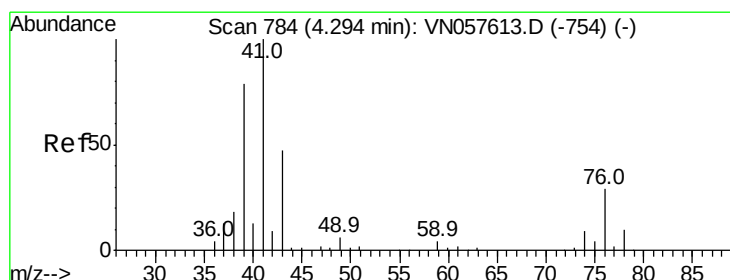
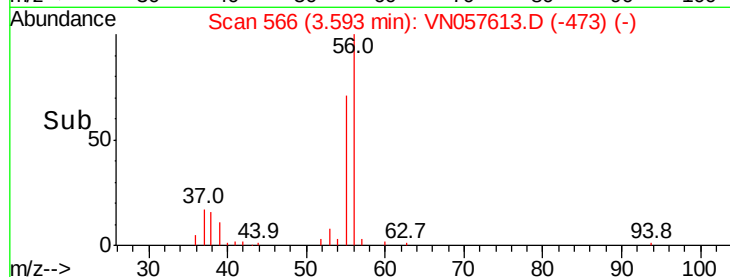
10000

5000

0

3.50 3.60 3.70

Time-->



#14

Allyl chloride

Concen: 56.680 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

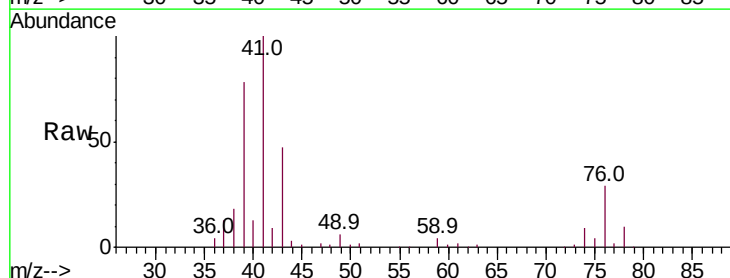
Tgt Ion: 41 Resp: 282909

Ion Ratio Lower Upper

41 100

39 76.1 60.9 91.3

76 26.4 21.1 31.7



Abundance Ion 41.00 (40.70 to 41.70): VN057613.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN057613.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN057613.D (-754) (-)

120000

100000

80000

60000

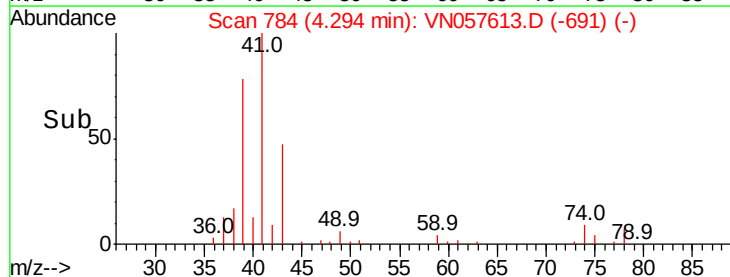
40000

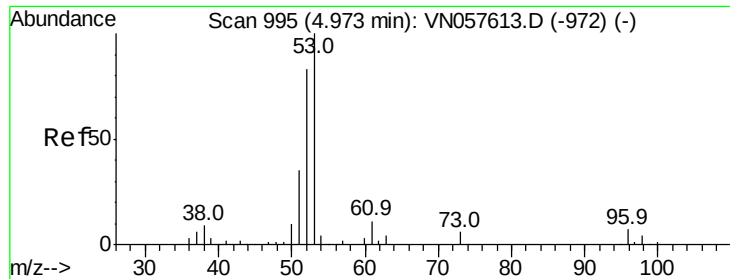
20000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 297.721 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

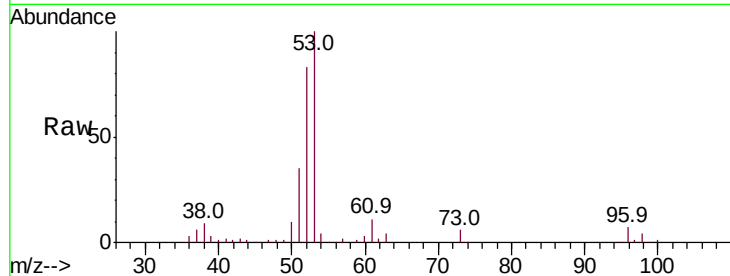
Tot Ion: 53 Resp: 355355

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

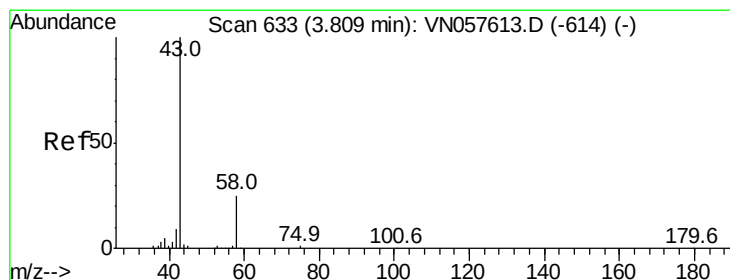
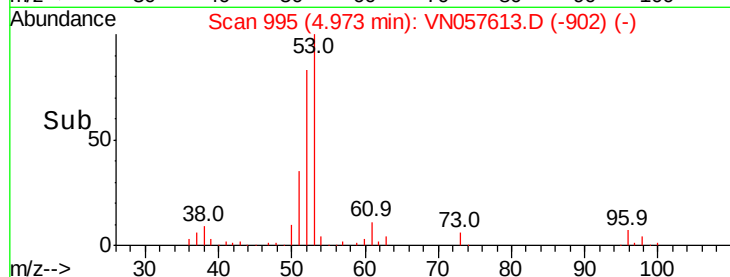
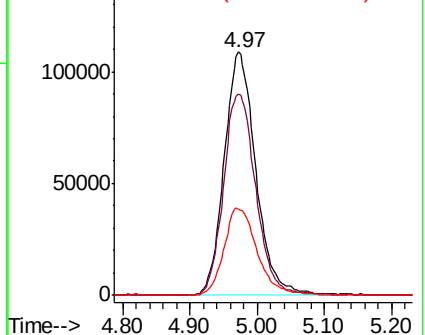
51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 196.241 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057613.D

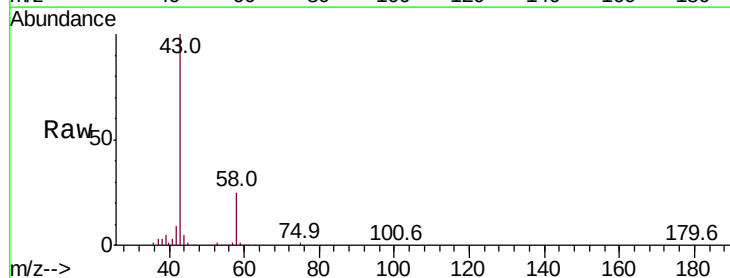
Acq: 31 Aug 2019 14:01

Tgt Ion: 43 Resp: 315133

Ion Ratio Lower Upper

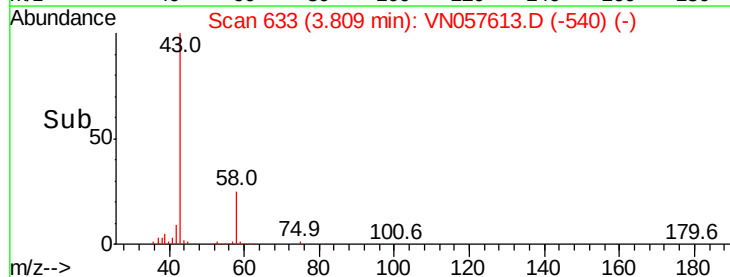
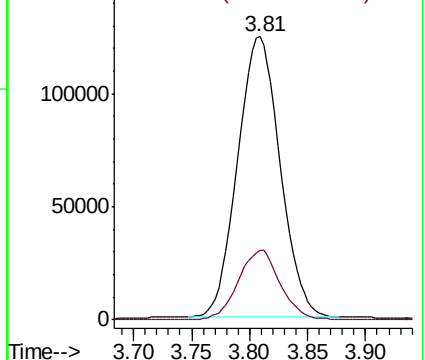
43 100

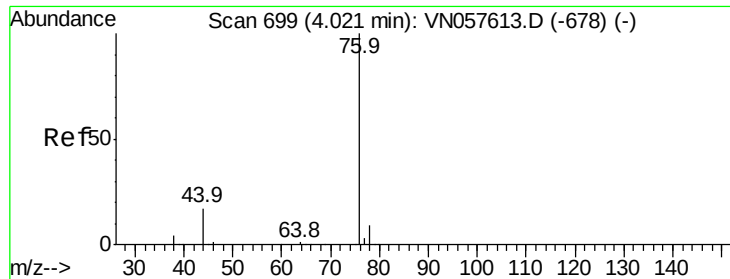
58 25.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

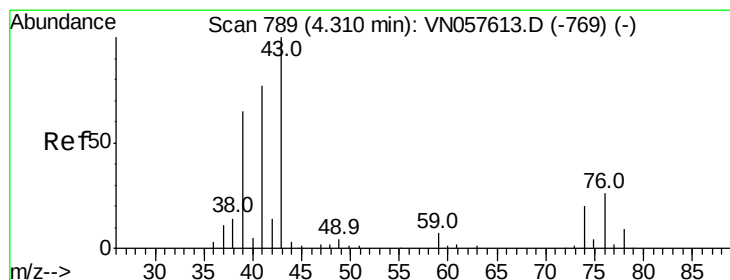
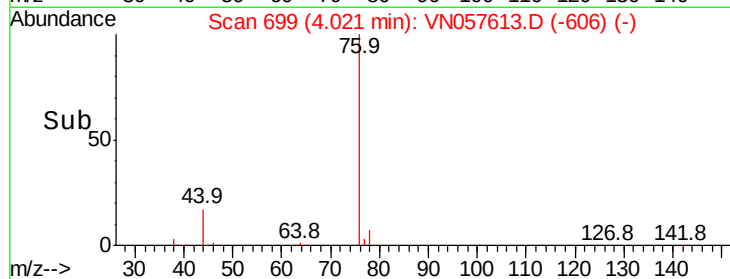
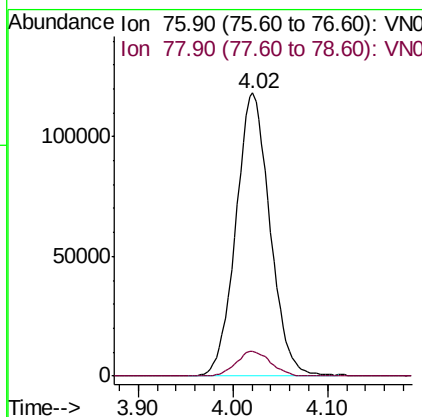
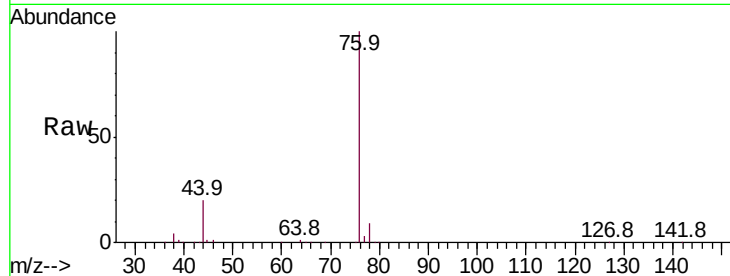




#17
Carbon Disulfide
Concen: 46.854 ug/l
RT: 4.02 min Scan# 699
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

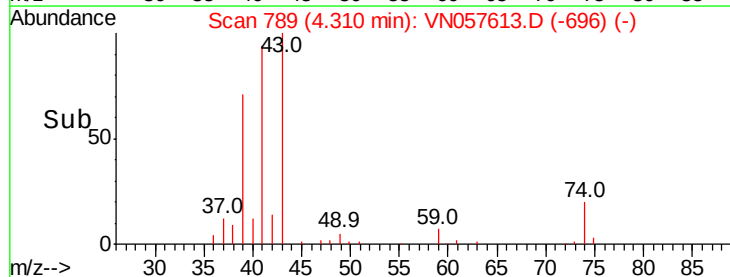
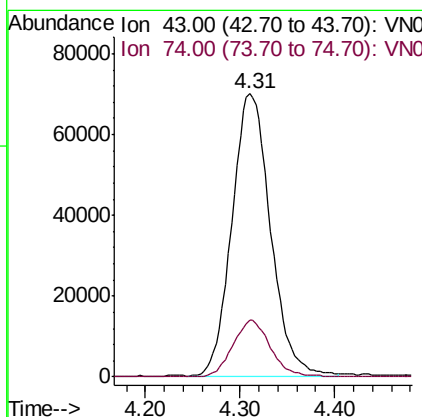
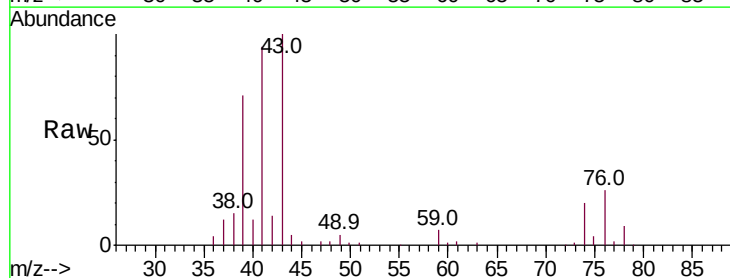
Instrument :
MSVOA_N
ClientSampled :

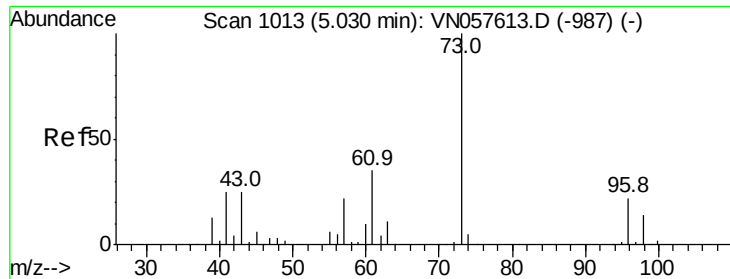
Tot Ion: 76 Resp: 296116
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 47.726 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 43 Resp: 198553
Ion Ratio Lower Upper
43 100
74 19.6 15.7 23.5

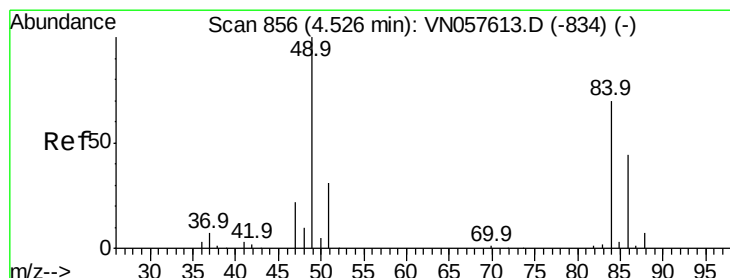
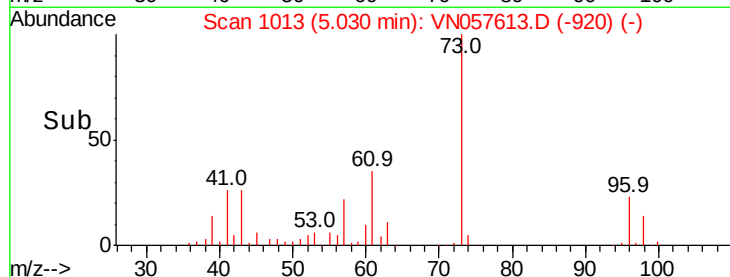
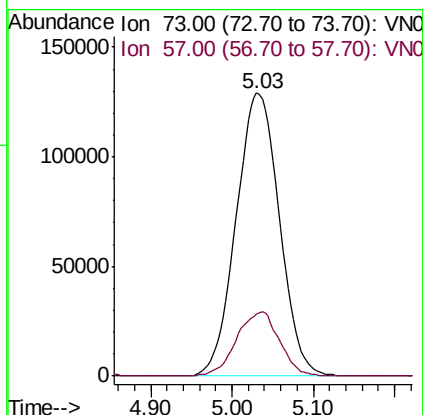
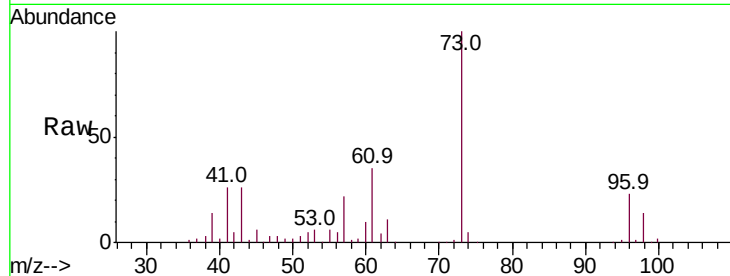




#19
Methyl tert-butyl Ether
Concen: 56.967 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

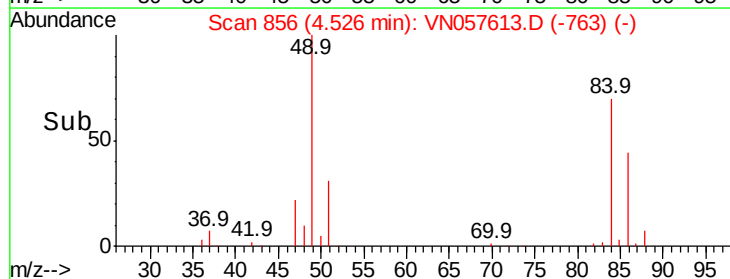
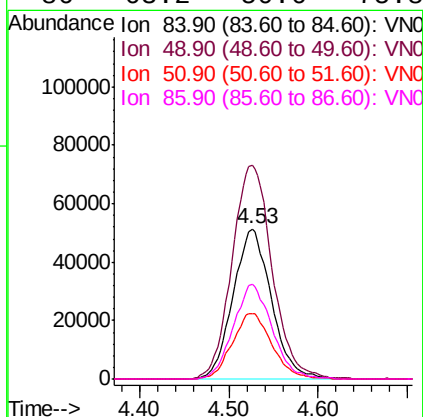
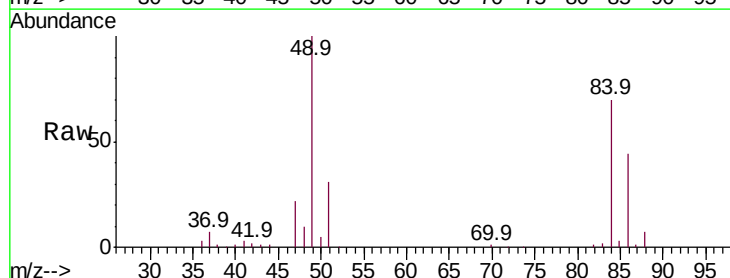
Instrument :
MSVOA_N
ClientSampled :

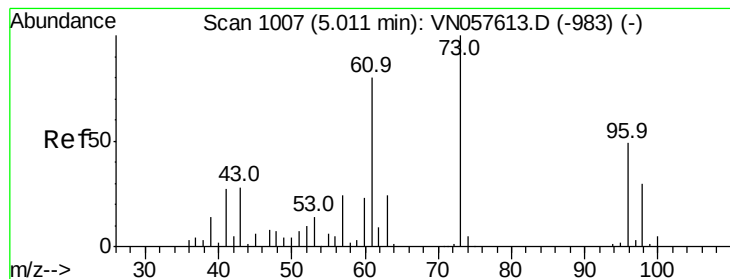
Tot Ion: 73 Resp: 473640
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 57.058 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 84 Resp: 153434
Ion Ratio Lower Upper
84 100
49 142.2 113.8 170.6
51 43.8 35.0 52.6
86 63.2 50.6 75.8



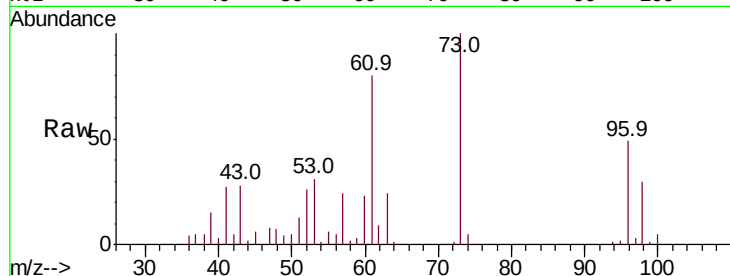


#21

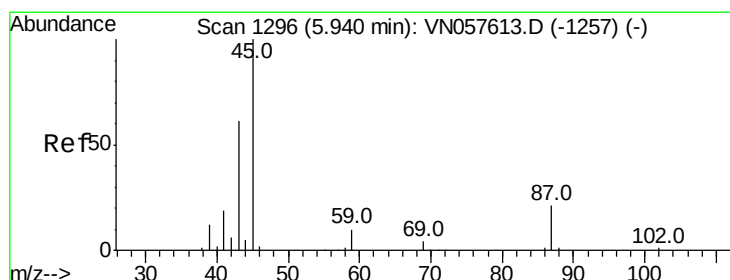
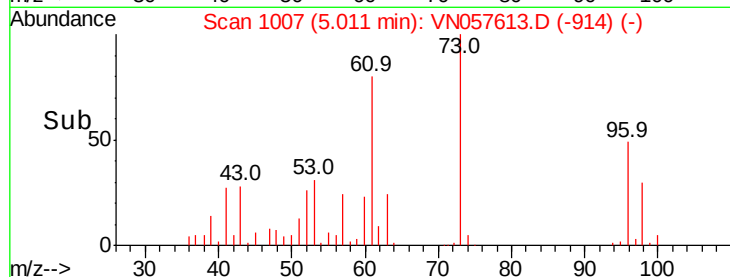
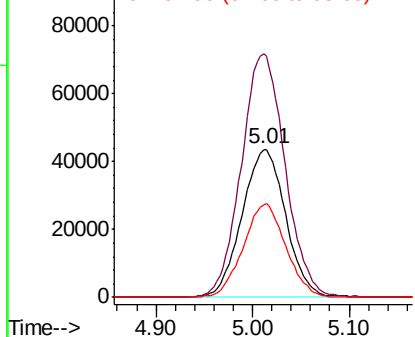
trans-1,2-Dichloroethene
Concen: 56.247 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 136721
Ion Ratio Lower Upper
96 100
61 164.5 131.6 197.4
98 62.4 49.9 74.9



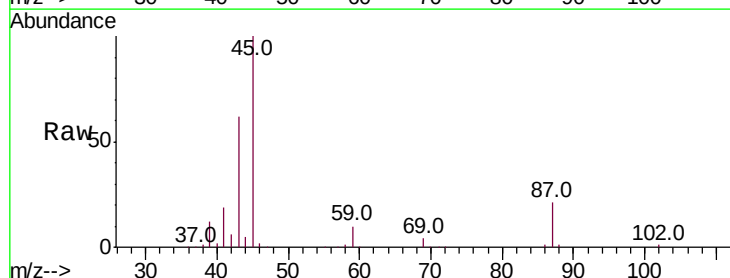
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



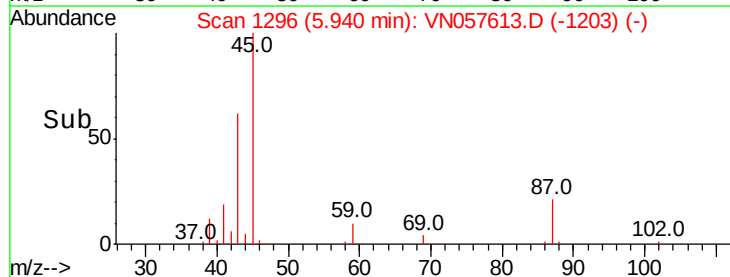
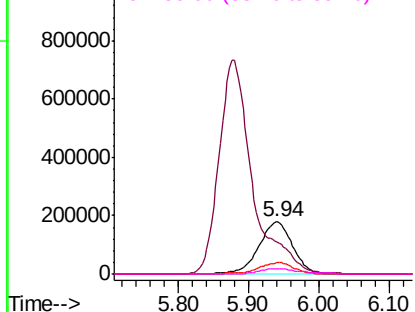
#22

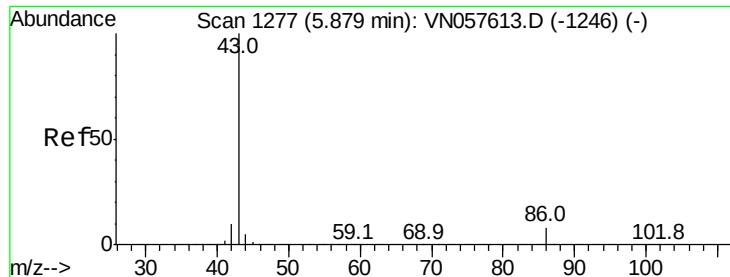
Diisopropyl ether
Concen: 60.515 ug/l
RT: 5.94 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 45 Resp: 596471
Ion Ratio Lower Upper
45 100
43 61.4 49.1 73.7
87 21.3 17.0 25.6
59 10.2 8.2 12.2



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





#23

Vinyl Acetate

Concen: 311.951 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

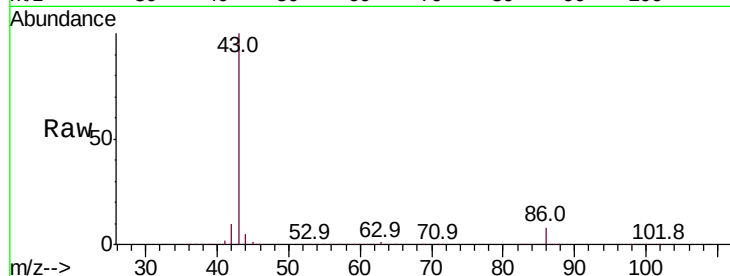
ClientSampled :

Tot Ion: 43 Resp: 2420074

Ion Ratio Lower Upper

43 100

86 7.6 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.88

800000

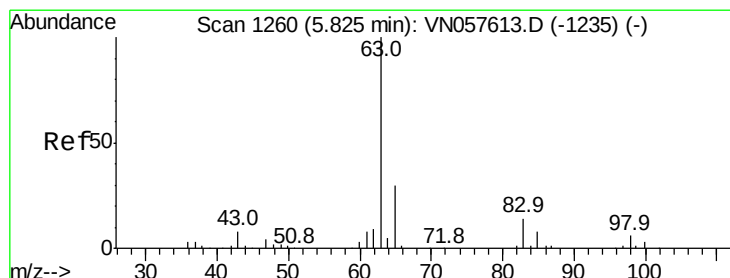
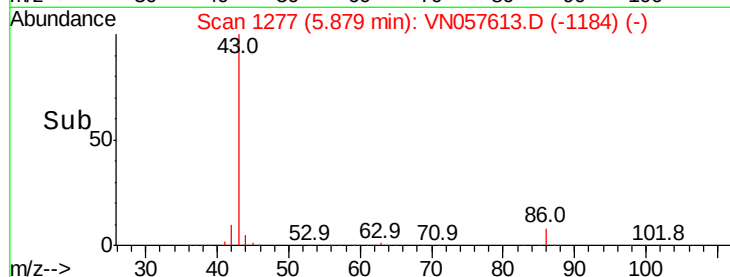
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 57.210 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

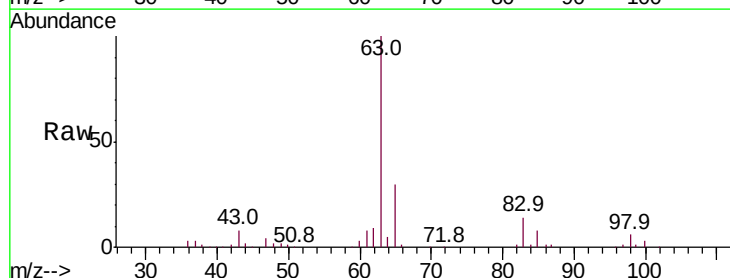
Tgt Ion: 63 Resp: 296128

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.0 1.5 4.5



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

5.82

120000

100000

80000

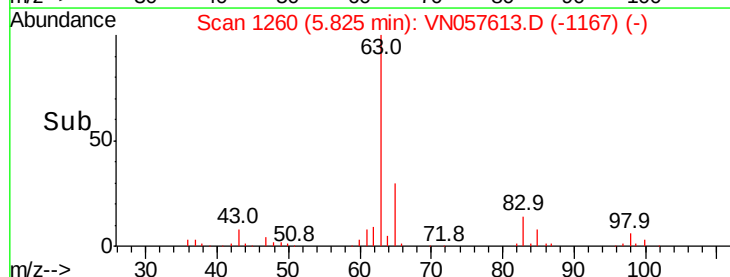
60000

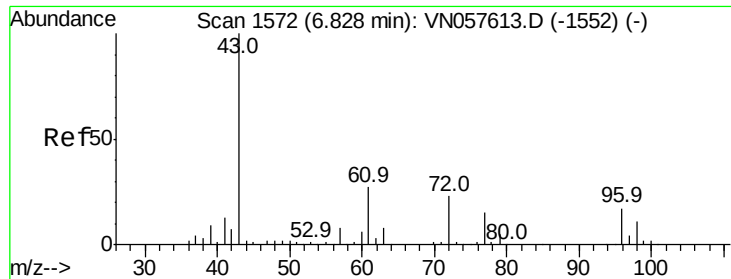
40000

20000

0

Time-->





#25

2-Butanone

Concen: 298.341 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

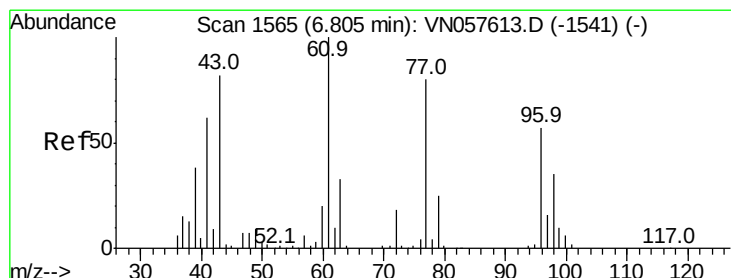
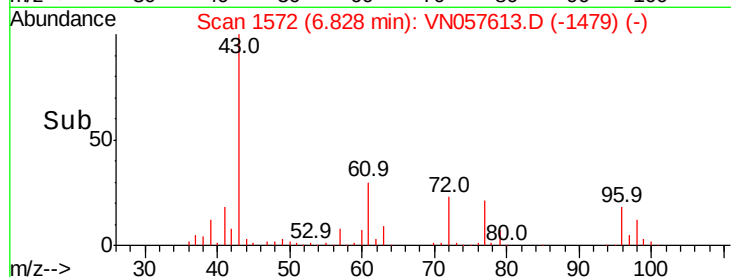
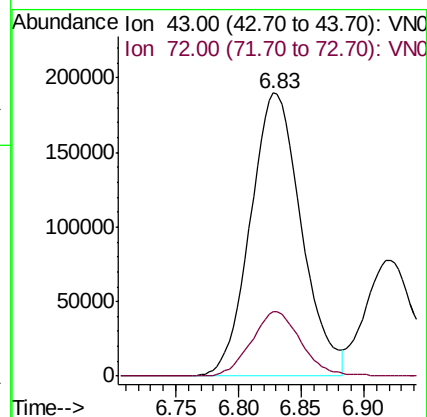
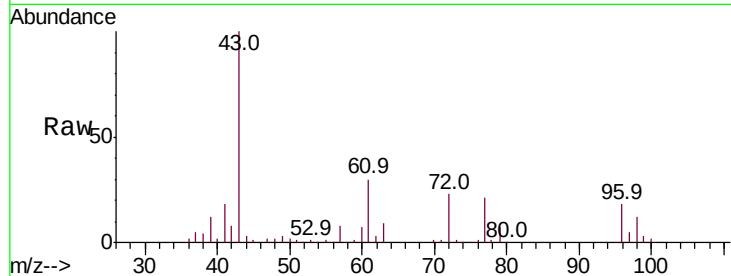
ClientSampled :

Tot Ion: 43 Resp: 533675

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4



#26

2,2-Dichloropropane

Concen: 53.843 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057613.D

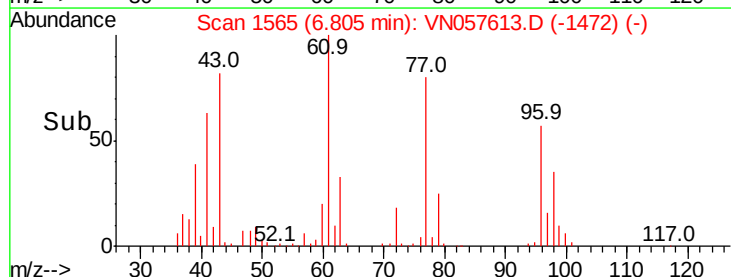
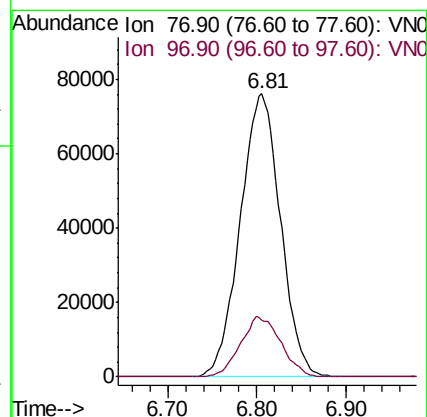
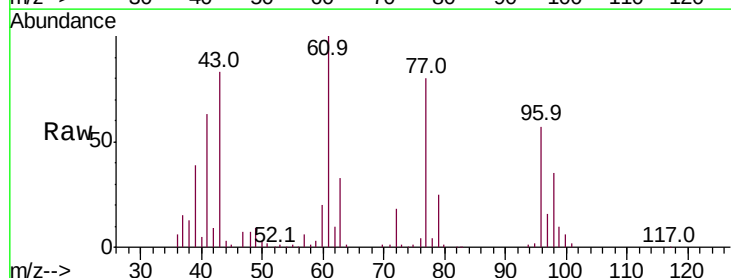
Acq: 31 Aug 2019 14:01

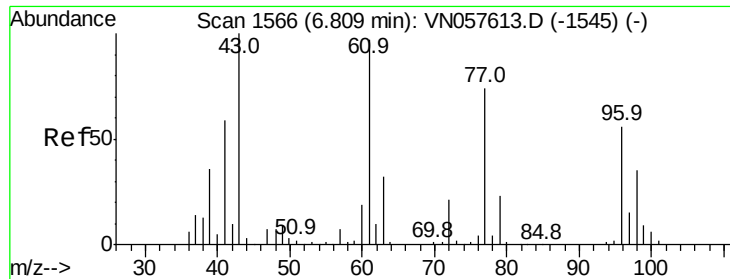
Tgt Ion: 77 Resp: 238805

Ion Ratio Lower Upper

77 100

97 21.2 10.6 31.8

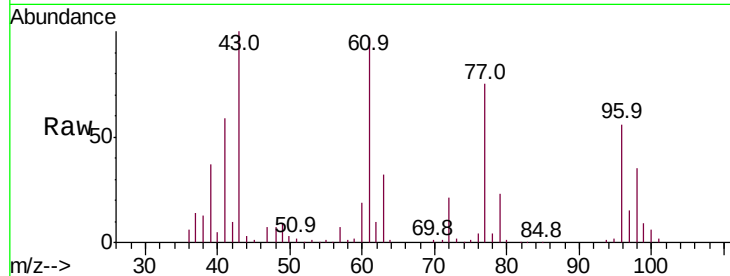




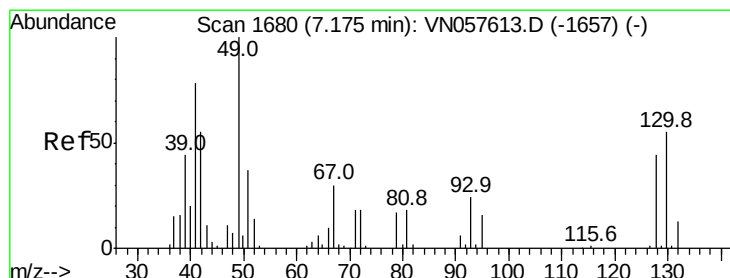
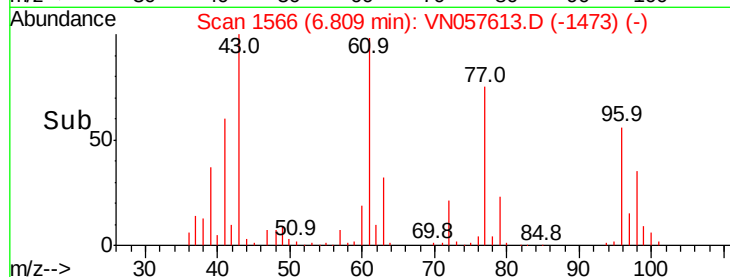
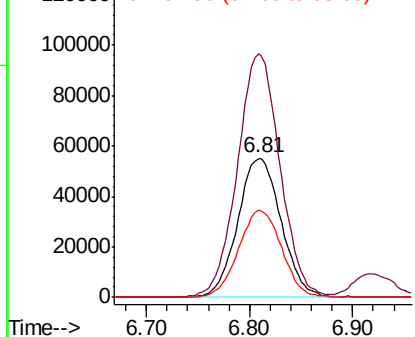
#27
 cis-1,2-Dichloroethene
 Concen: 56.111 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 161124
 Ion Ratio Lower Upper
 96 100
 61 172.3 0.0 344.6
 98 62.4 0.0 124.8

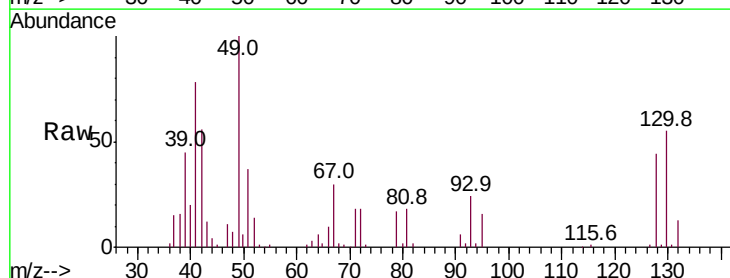


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

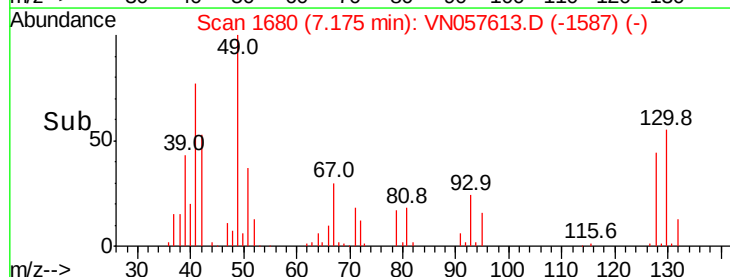
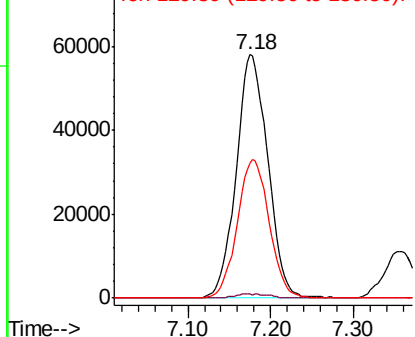


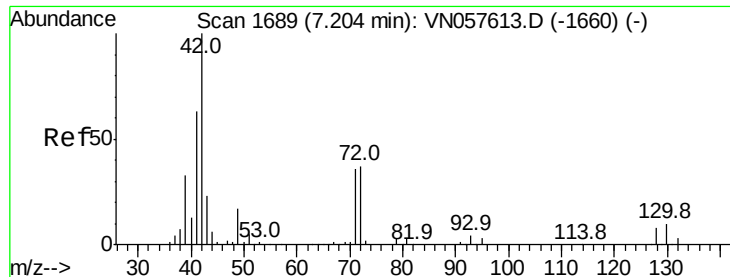
#28
 Bromochloromethane
 Concen: 56.468 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion: 49 Resp: 154029
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.8
 130 57.3 45.8 68.8



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

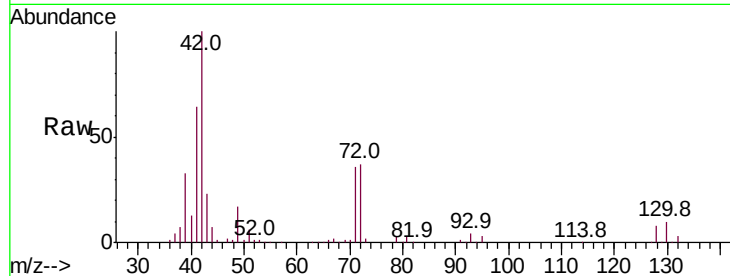




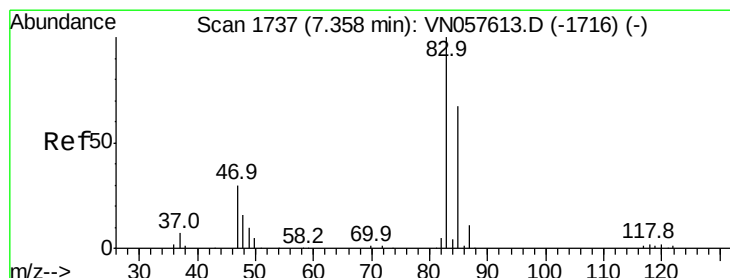
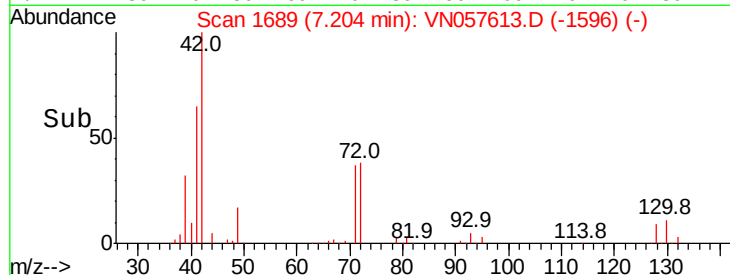
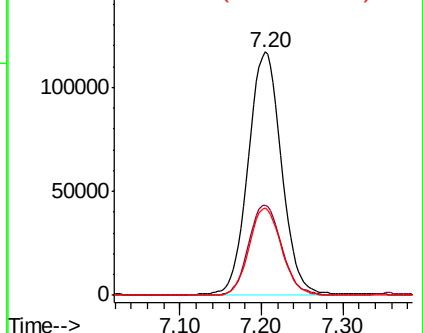
#29
Tetrahydrofuran
Concen: 282.926 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	29.6	44.4
71	34.9	27.9	41.9

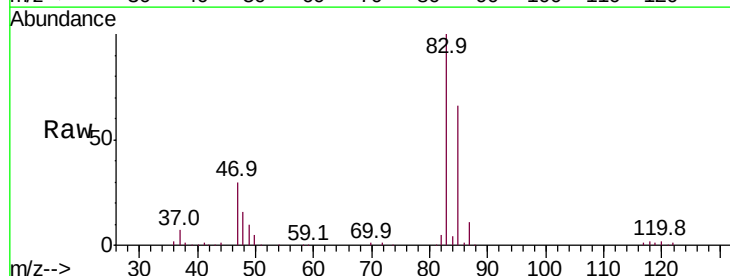


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

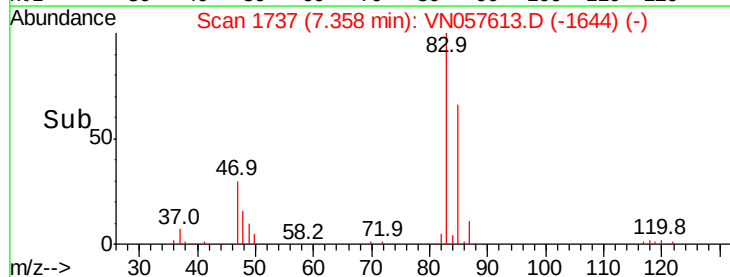
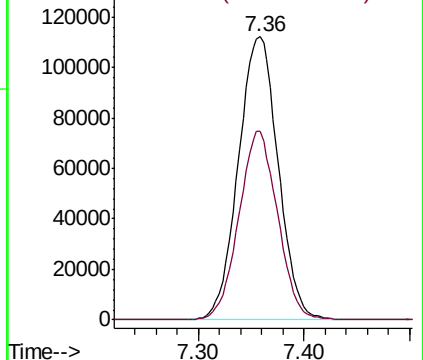


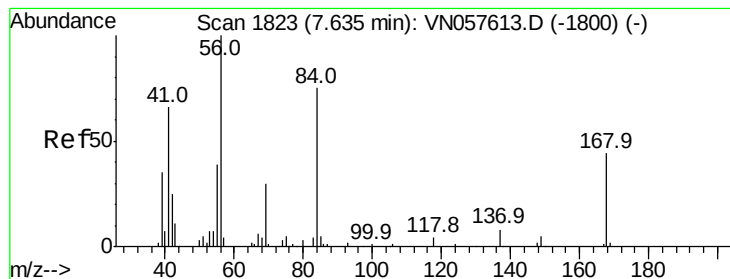
#30
Chloroform
Concen: 54.760 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	53.2	79.8



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





#31

Cyclohexane

Concen: 56.541 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

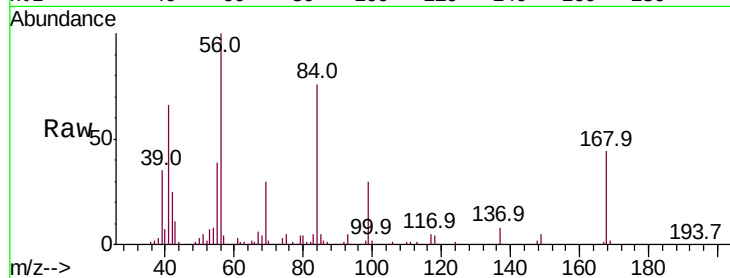
Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 283794

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	74.9	59.9	89.9

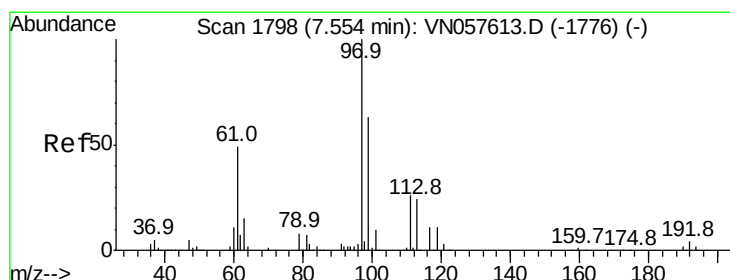
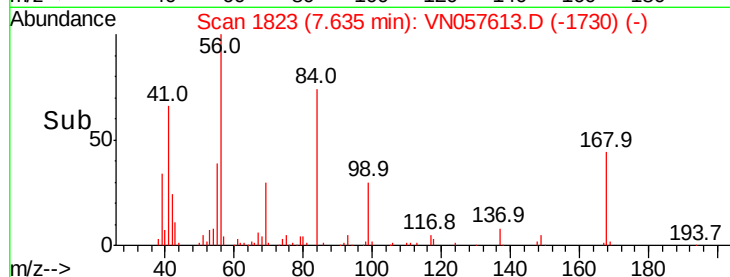
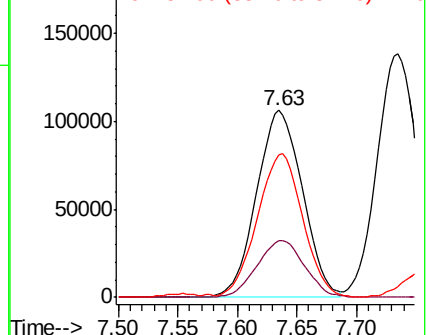


Abundance

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: 55.435 ug/l

RT: 7.55 min Scan# 1798

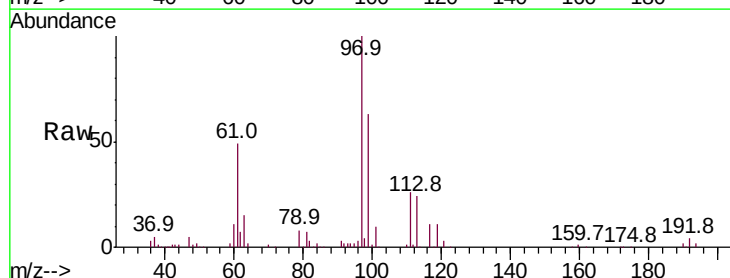
Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Tgt Ion: 97 Resp: 244442

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	75.8
61	51.4	41.1	61.7

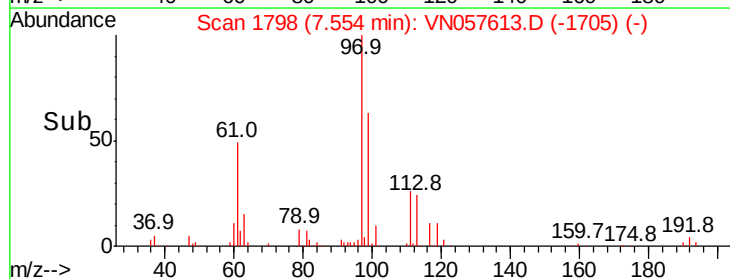
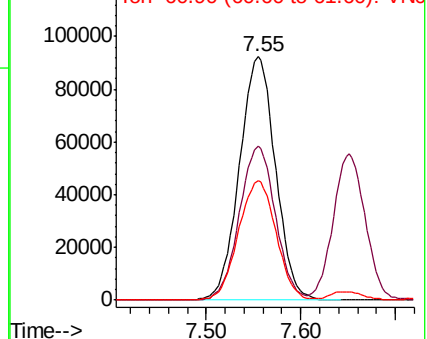


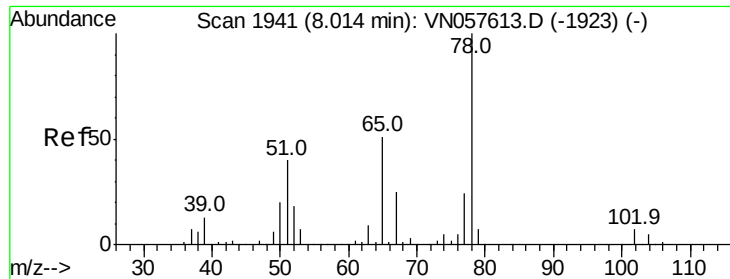
Abundance

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

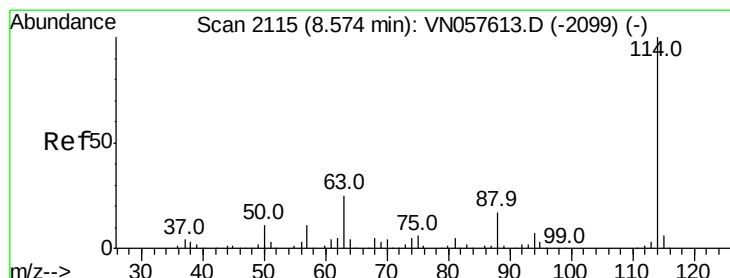
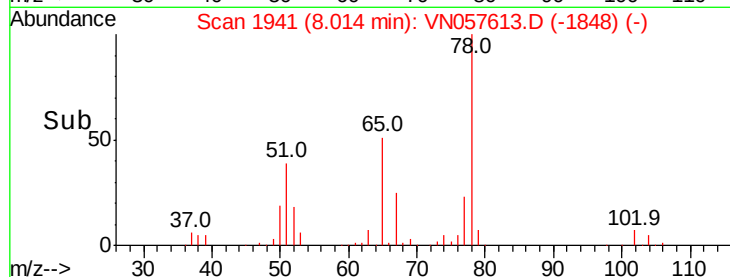
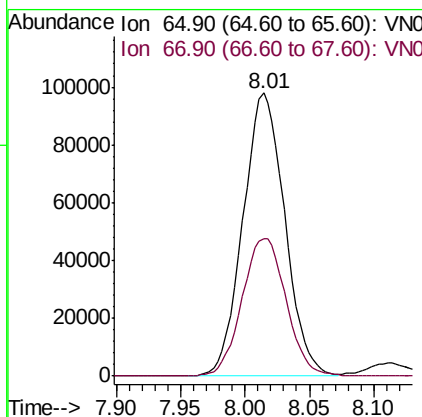
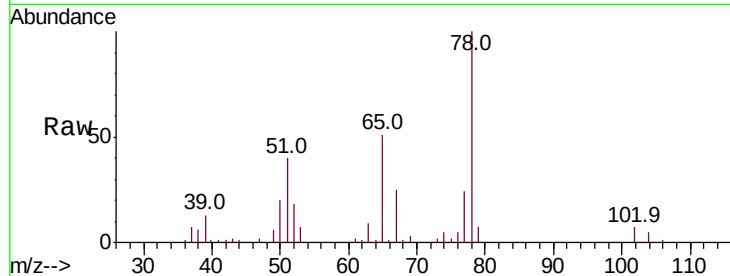




#33
 1,2-Dichloroethane-d4
 Concen: 61.474 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

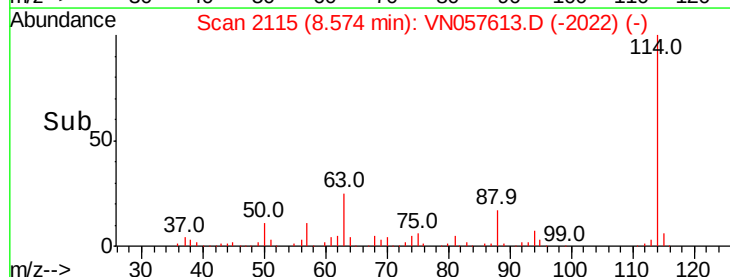
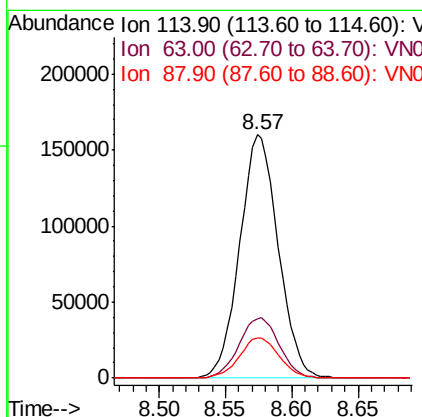
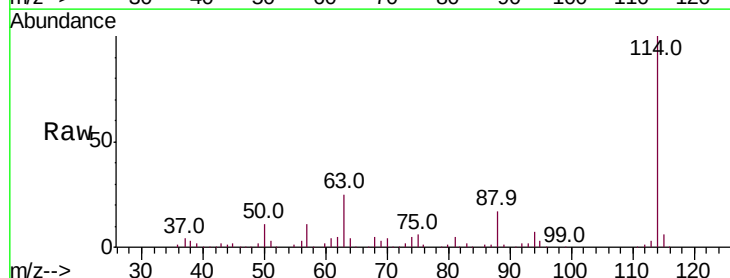
Instrument :
 MSVOA_N
 ClientSampled :

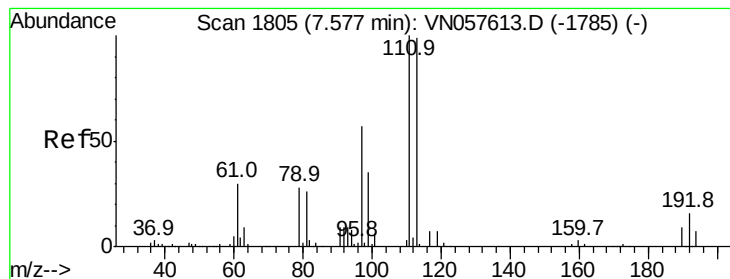
Tot Ion: 65 Resp: 221835
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion:114 Resp: 322937
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.0
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 61.771 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

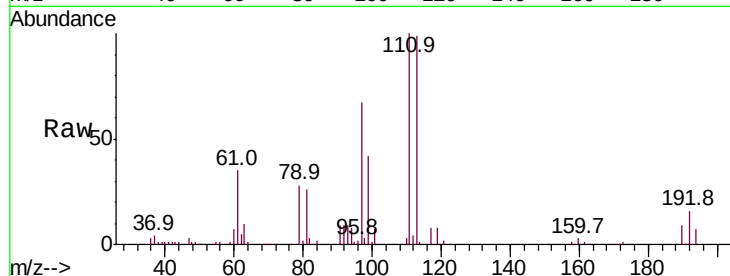
Tot Ion:113 Resp: 144039

Ion Ratio Lower Upper

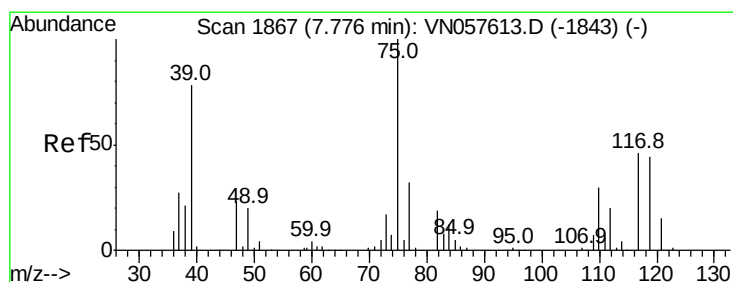
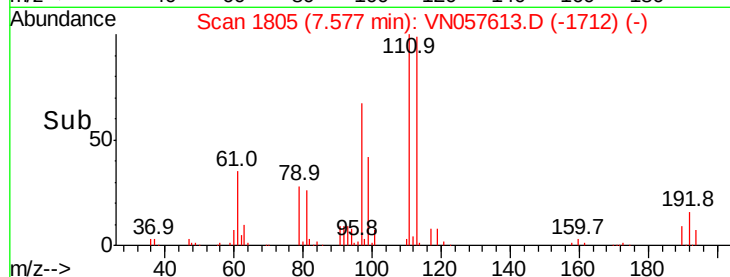
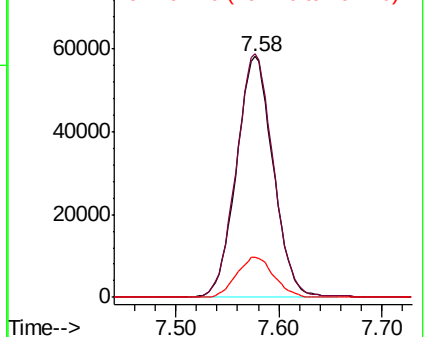
113 100

111 101.6 81.3 121.9

192 16.9 13.5 20.3



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: 62.106 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

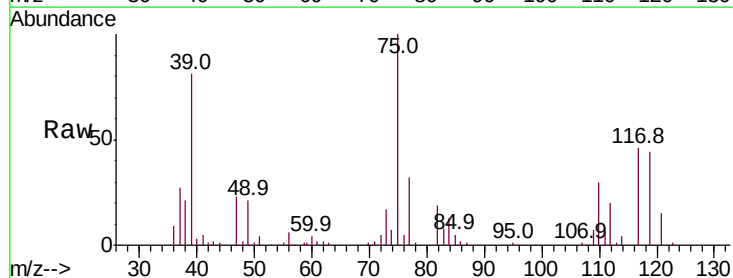
Tgt Ion: 75 Resp: 218892

Ion Ratio Lower Upper

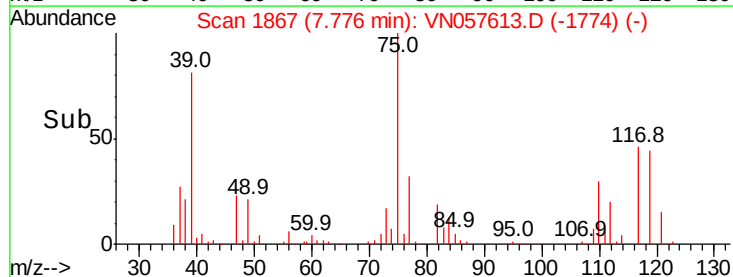
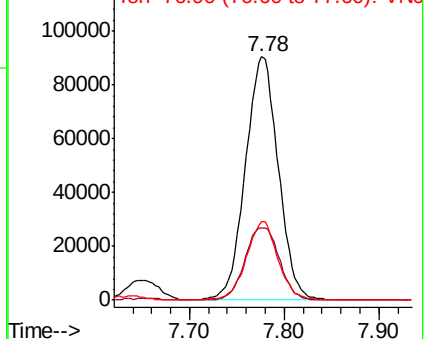
75 100

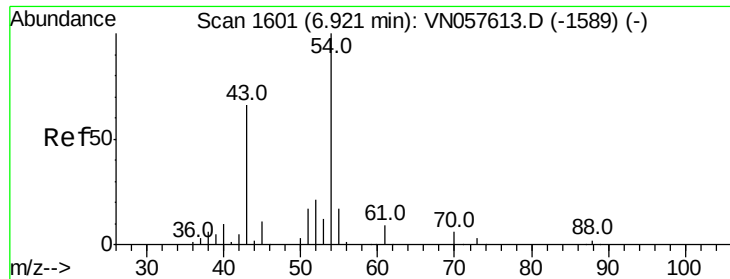
110 31.2 15.6 46.8

77 31.1 24.9 37.3



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

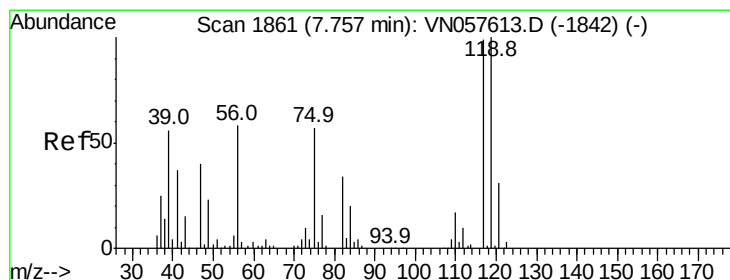
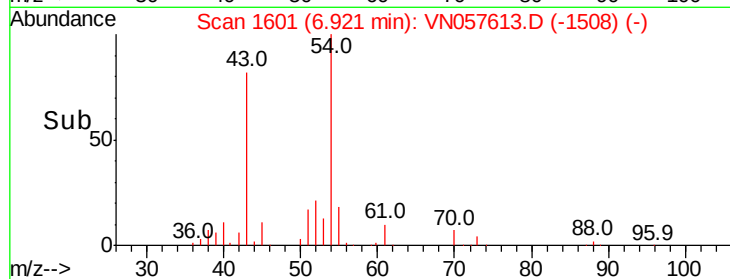
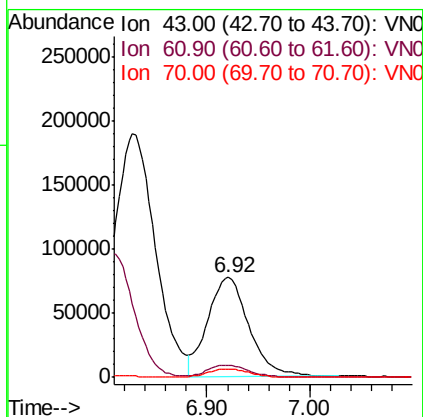
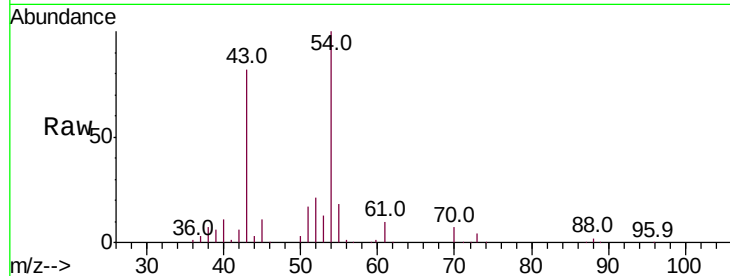




#37
Ethyl Acetate
Concen: 61.872 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

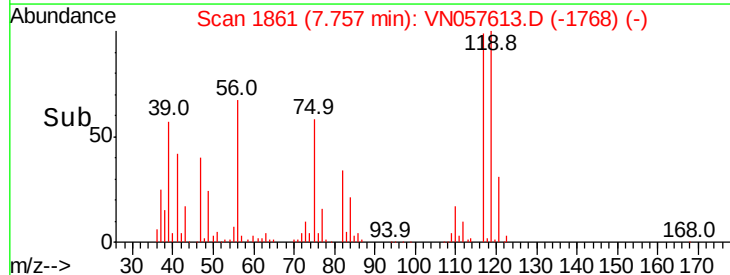
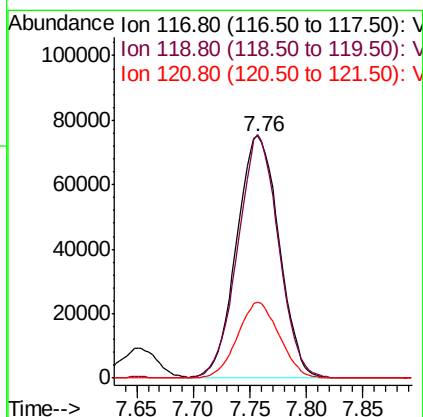
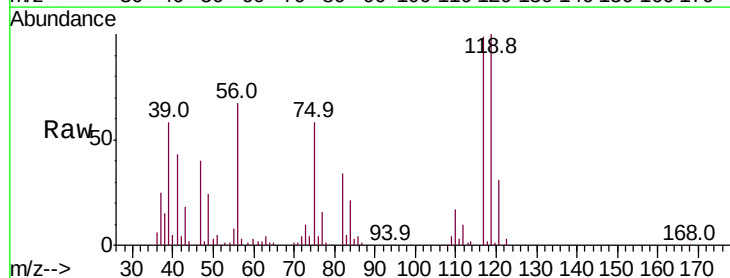
Instrument :
MSVOA_N
ClientSampled :

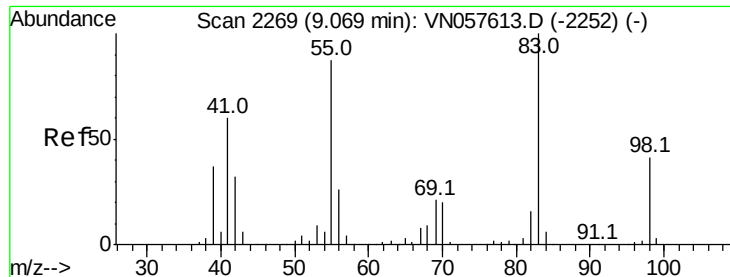
Tot Ion: 43 Resp: 214153
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 8.5 6.8 10.2



#38
Carbon Tetrachloride
Concen: 57.300 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 117 Resp: 196245
Ion Ratio Lower Upper
117 100
119 100.7 80.6 120.8
121 31.4 25.1 37.7

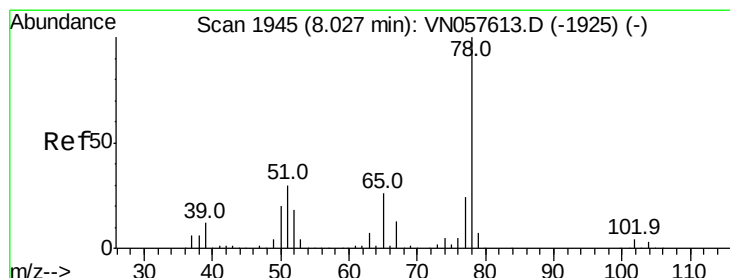
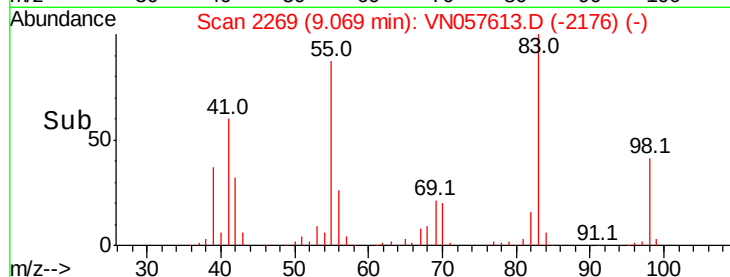
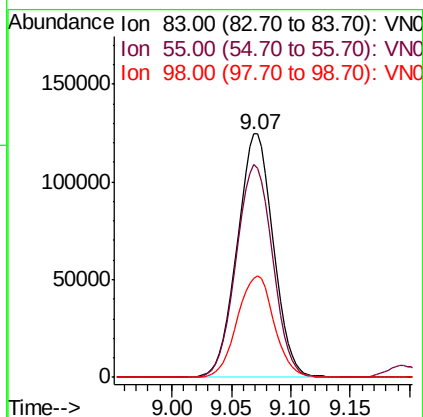
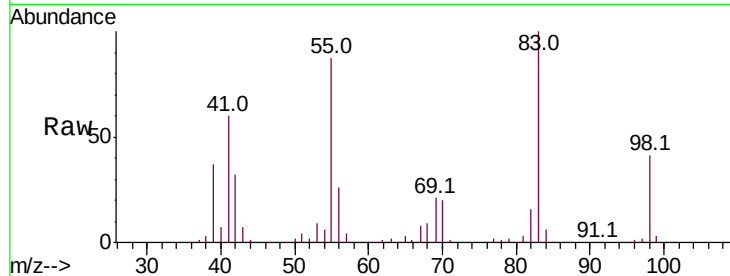




#39
Methvlcvclohexane
Concen: 62.761 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

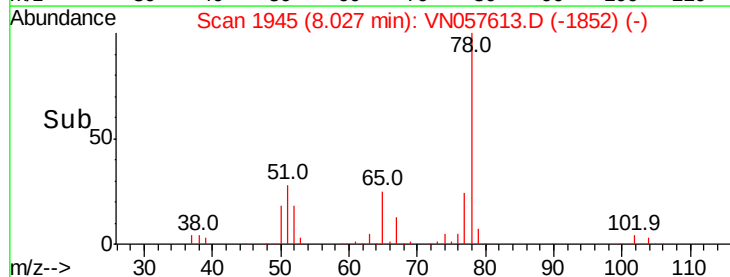
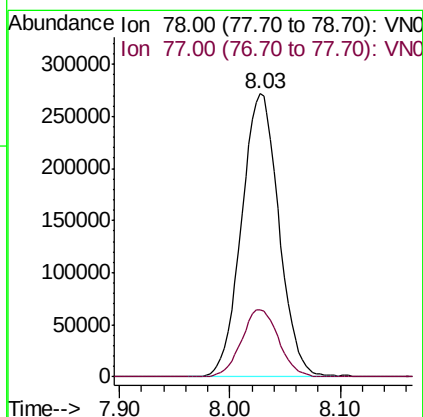
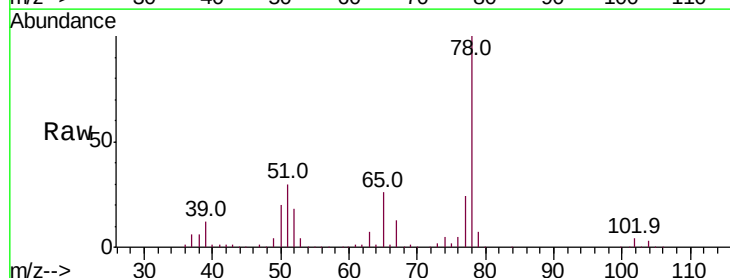
Instrument :
MSVOA_N
ClientSampled :

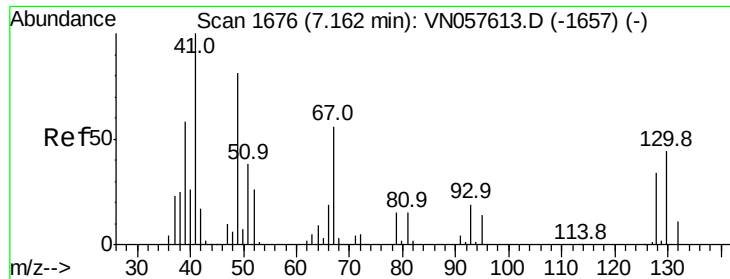
Tot Ion: 83 Resp: 261977
Ion Ratio Lower Upper
83 100
55 87.3 69.8 104.8
98 40.9 32.7 49.1



#40
Benzene
Concen: 60.590 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 78 Resp: 636423
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

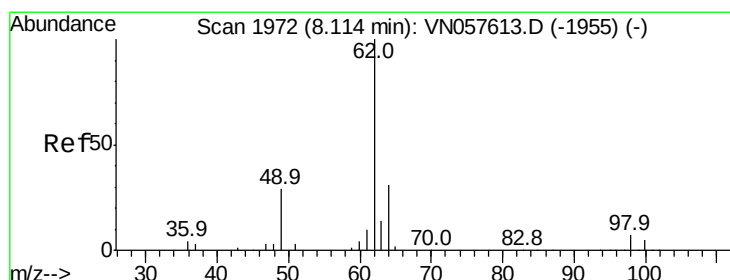
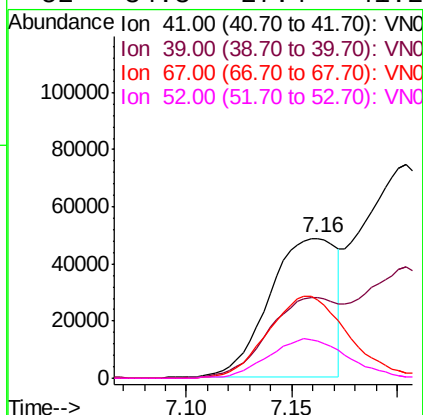
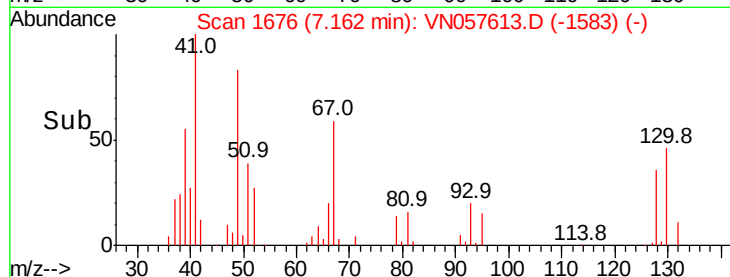
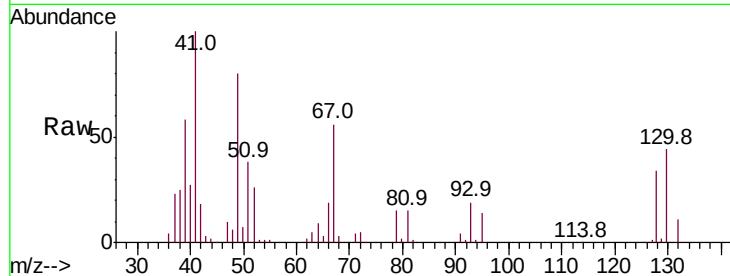




#41
Methacrylonitrile
Concen: 64.219 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

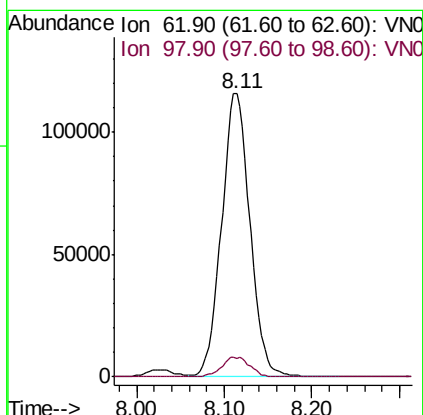
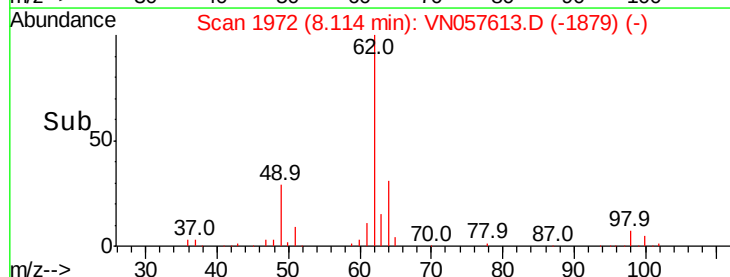
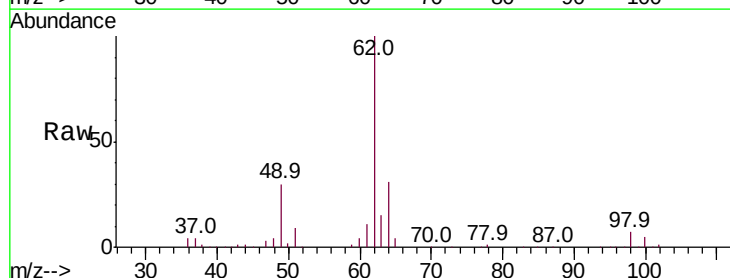
Instrument :
MSVOA_N
ClientSampled :

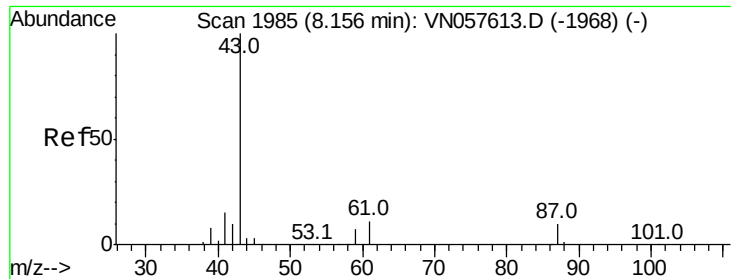
Tot Ion: 41 Resp: 107882
Ion Ratio Lower Upper
41 100
39 63.2 50.6 75.8
67 71.1 56.9 85.3
52 34.3 27.4 41.2



#42
1,2-Dichloroethane
Concen: 63.565 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 62 Resp: 260839
Ion Ratio Lower Upper
62 100
98 7.0 0.0 14.0





#43

Isopropyl Acetate

Concen: 61.092 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

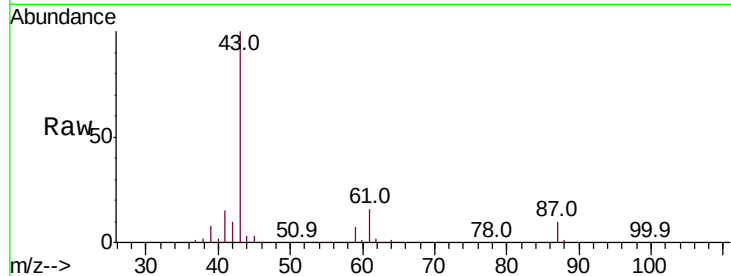
Tot Ion: 43 Resp: 387174

Ion Ratio Lower Upper

43 100

61 16.4 13.1 19.7

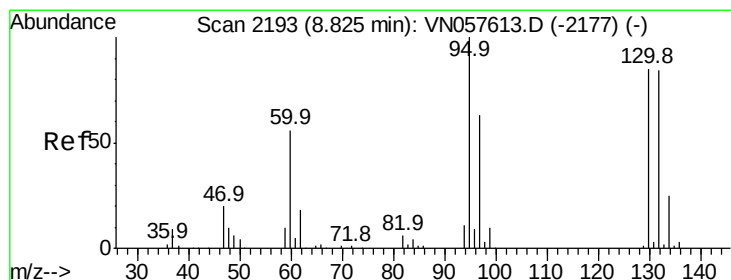
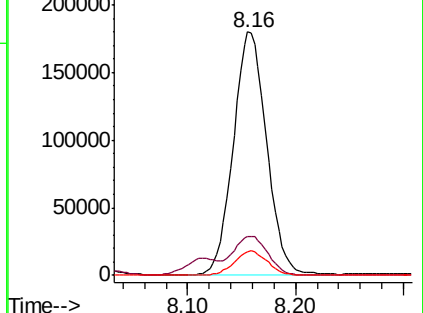
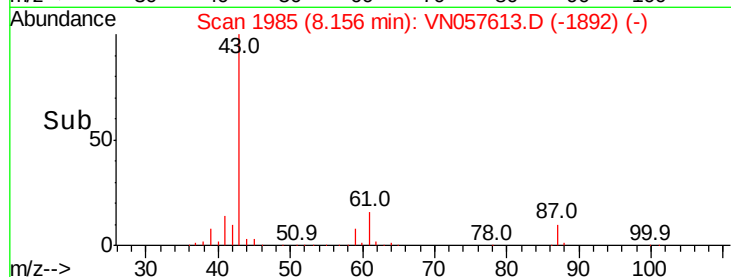
87 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 60.879 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057613.D

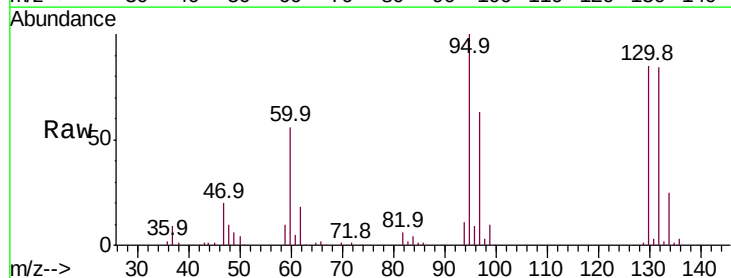
Acq: 31 Aug 2019 14:01

Tgt Ion:130 Resp: 142205

Ion Ratio Lower Upper

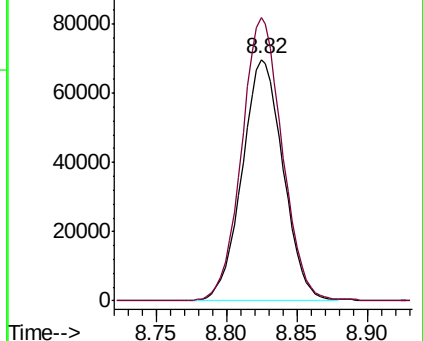
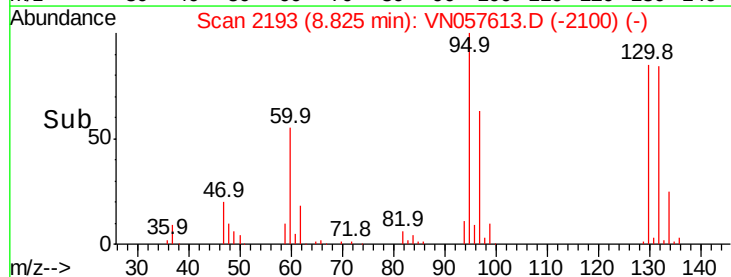
130 100

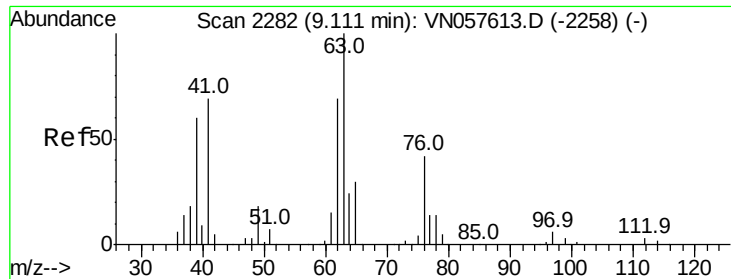
95 117.2 0.0 234.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

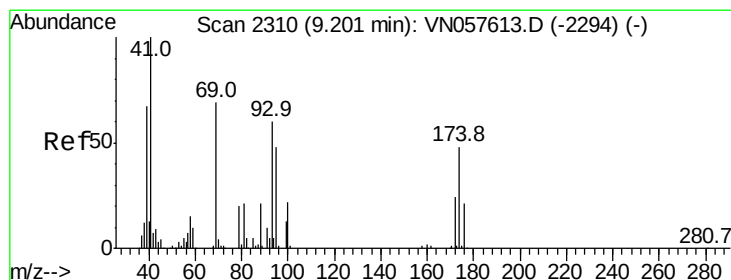
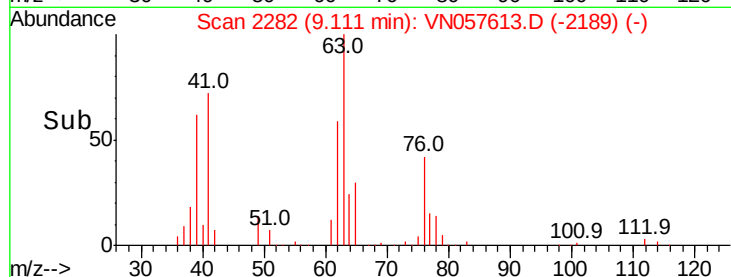
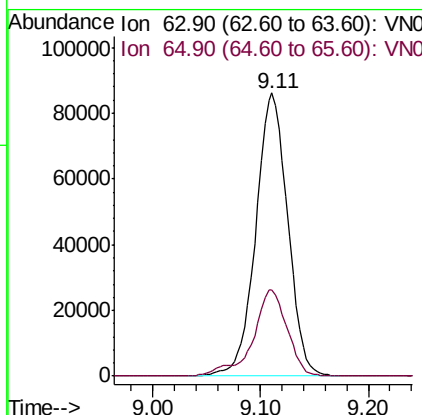
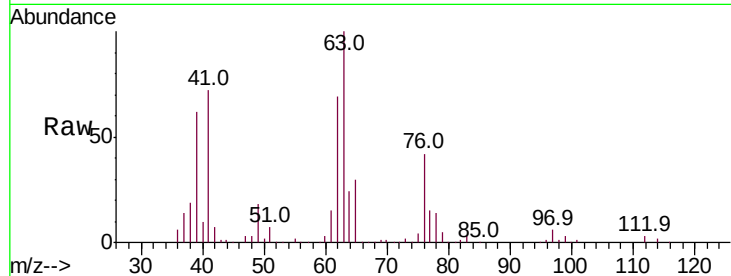




#45
 1,2-Dichloropropane
 Concen: 59.760 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

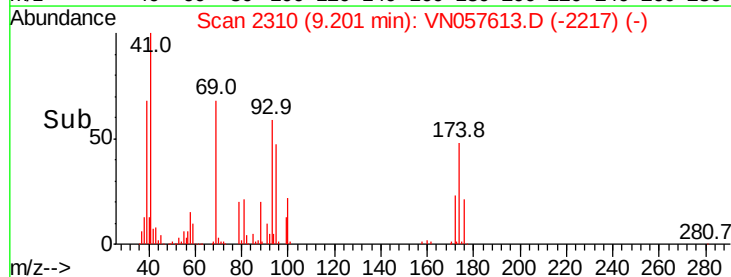
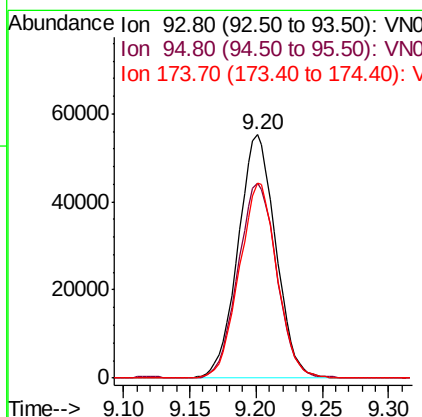
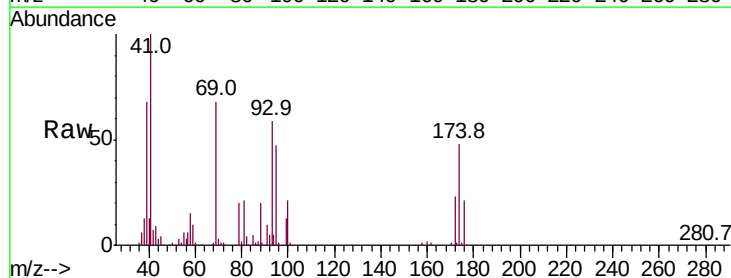
Instrument :
 MSVOA_N
 ClientSampled :

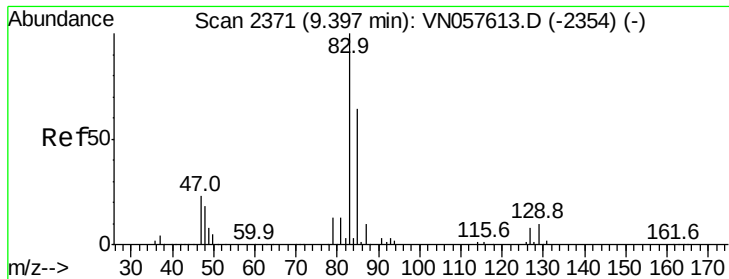
Tot Ion: 63 Resp: 176709
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 58.152 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion: 93 Resp: 109178
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 80.2 64.2 96.2





#47

Bromodichloromethane

Concen: 59.309 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

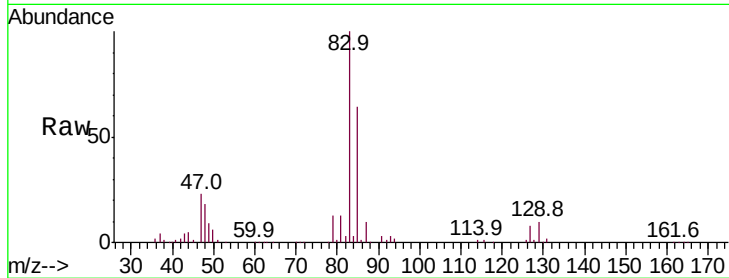
Tot Ion: 83 Resp: 230799

Ion Ratio Lower Upper

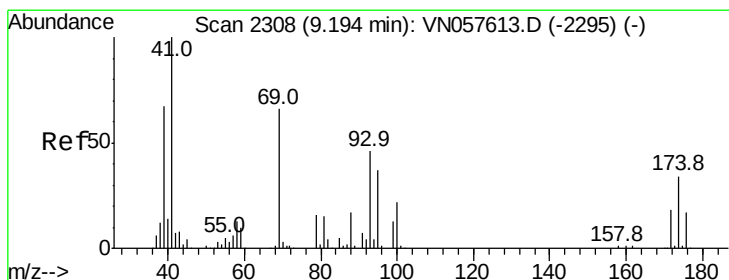
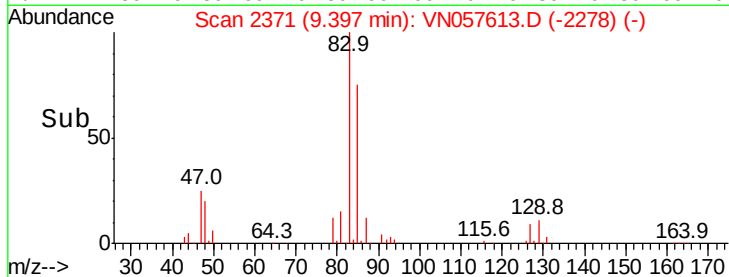
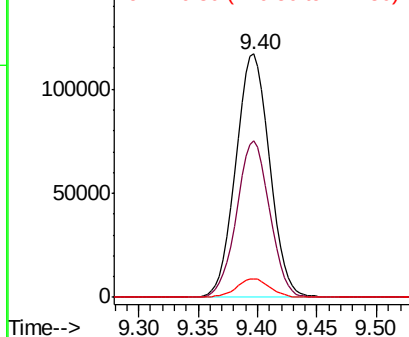
83 100

85 64.2 51.4 77.0

127 7.6 6.1 9.1



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



#48

Methyl methacrylate

Concen: 64.264 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

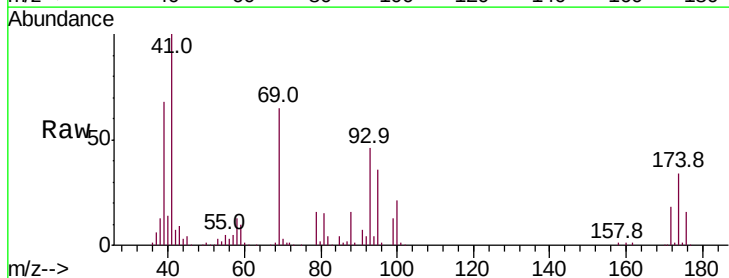
Tgt Ion: 41 Resp: 195799

Ion Ratio Lower Upper

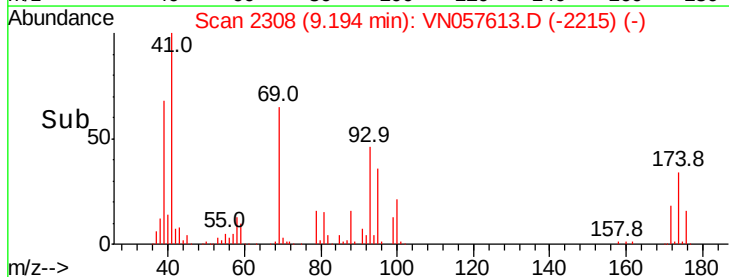
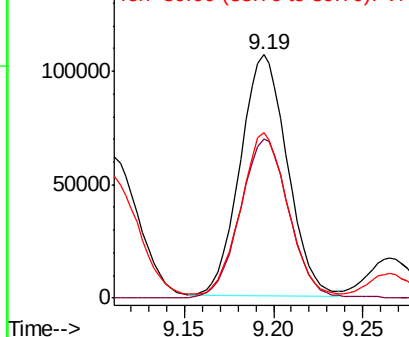
41 100

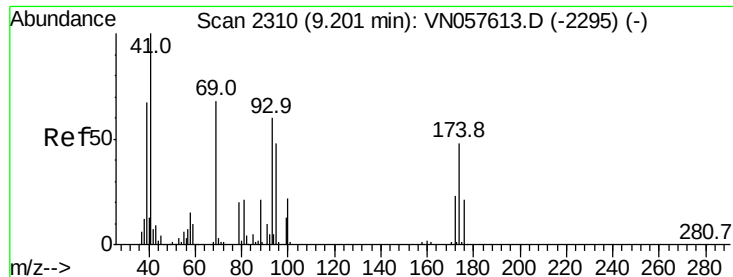
69 68.9 55.1 82.7

39 69.3 55.4 83.2



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

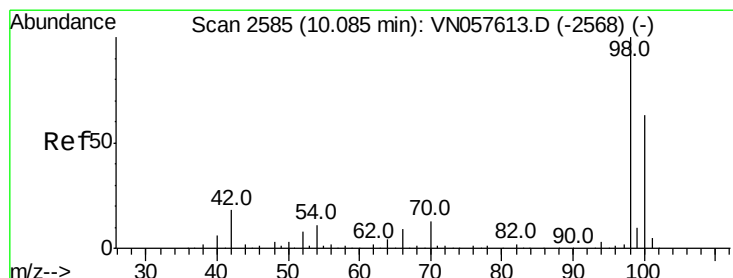
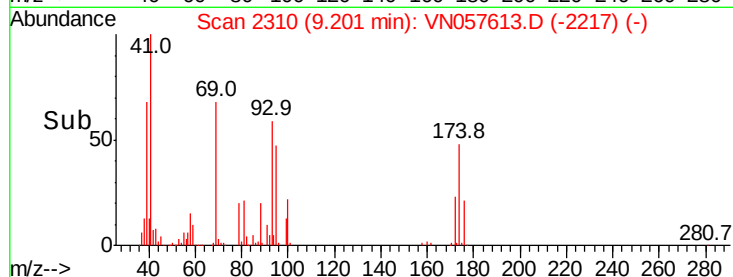
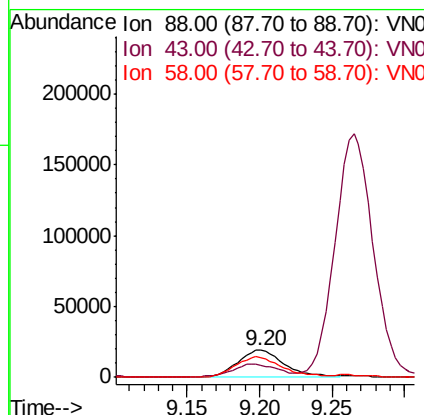
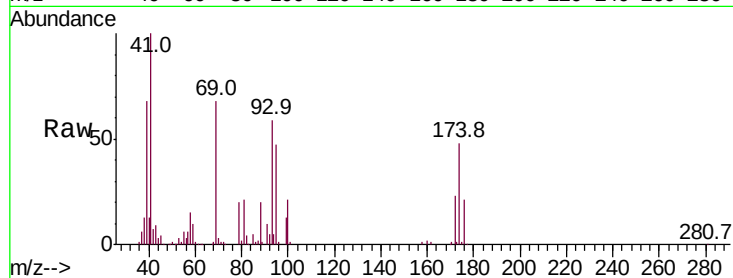




#49
1,4-Dioxane
Concen: 1118.611 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

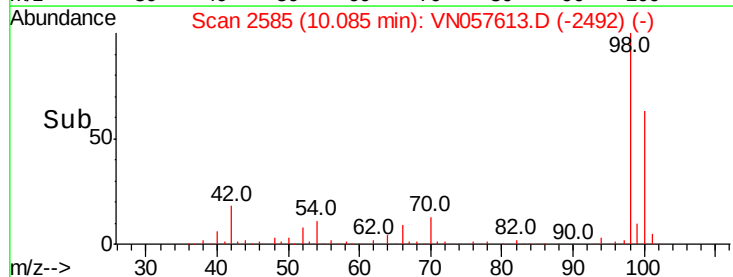
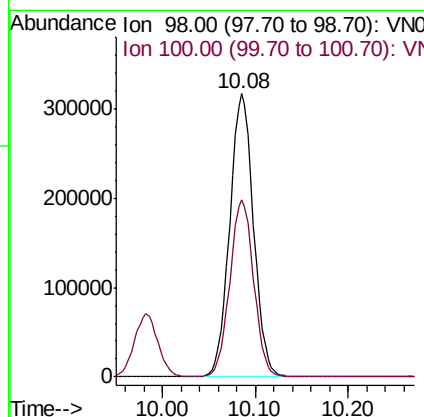
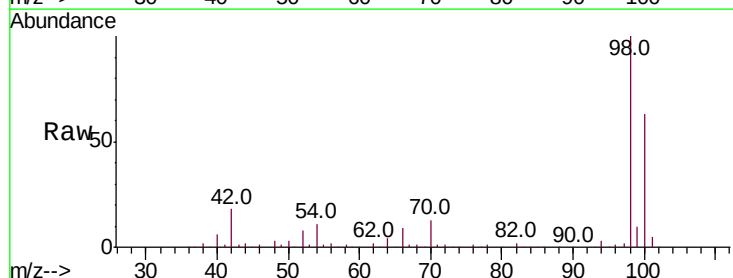
Instrument :
MSVOA_N
ClientSampled :

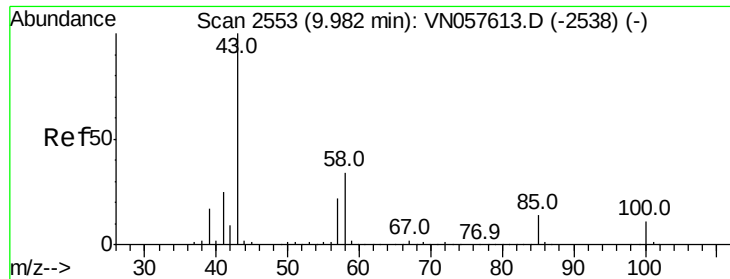
Tot Ion: 88 Resp: 42972
Ion Ratio Lower Upper
88 100
43 43.7 35.0 52.4
58 77.0 61.6 92.4



#50
Toluene-d8
Concen: 63.967 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 98 Resp: 564079
Ion Ratio Lower Upper
98 100
100 62.3 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 321.399 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

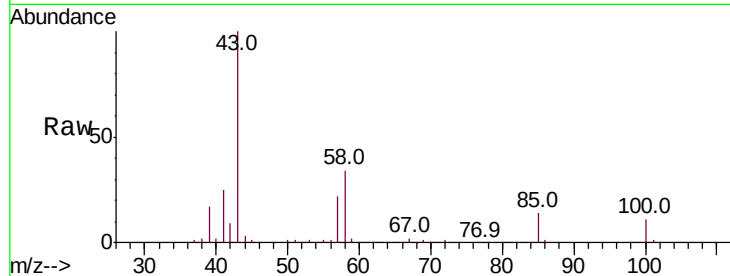
ClientSampled :

Tot Ion: 43 Resp: 1147021

Ion Ratio Lower Upper

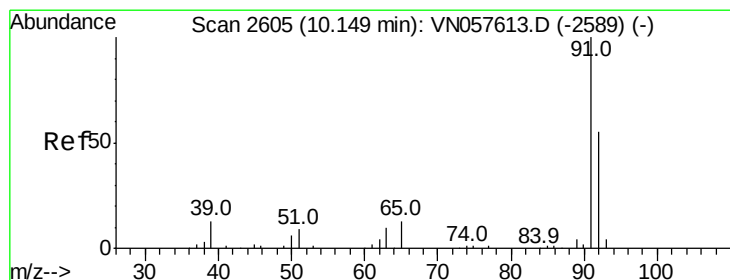
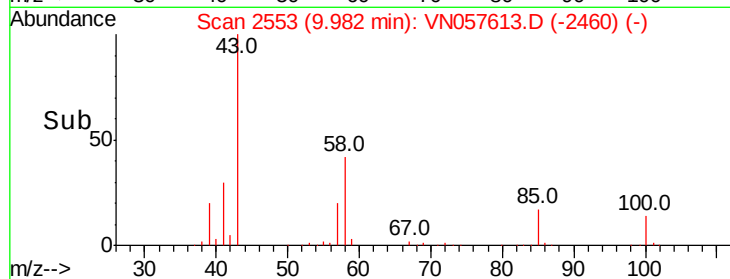
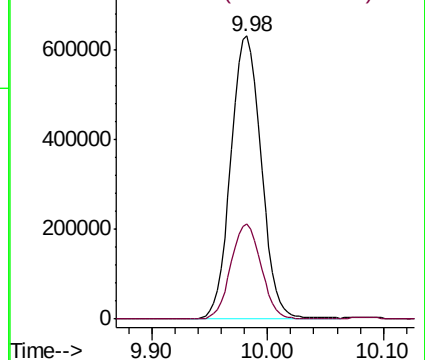
43 100

58 33.6 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 63.149 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057613.D

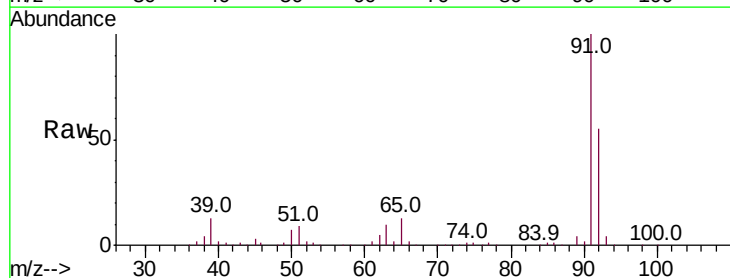
Acq: 31 Aug 2019 14:01

Tgt Ion: 92 Resp: 384254

Ion Ratio Lower Upper

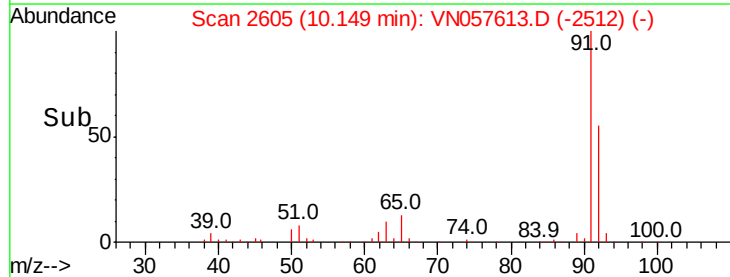
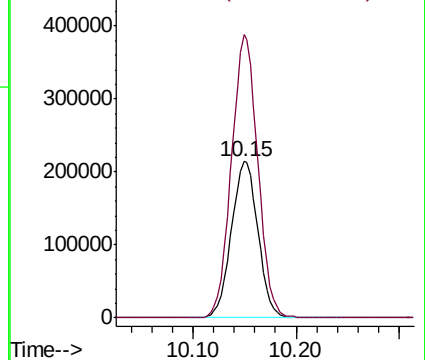
92 100

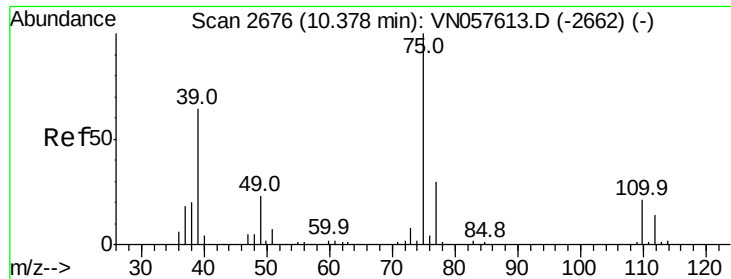
91 179.7 143.8 215.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 58.837 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

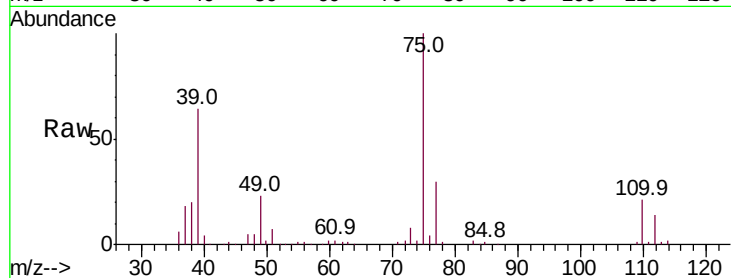
ClientSampleId :

Tot Ion: 75 Resp: 238613

Ion Ratio Lower Upper

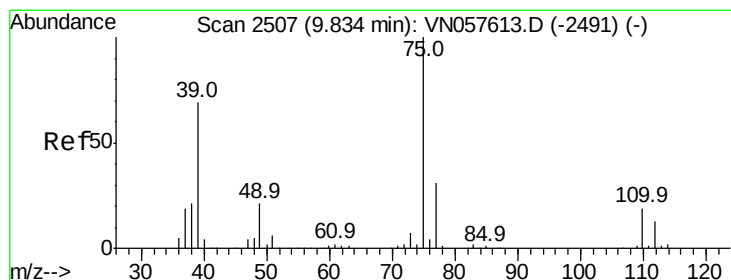
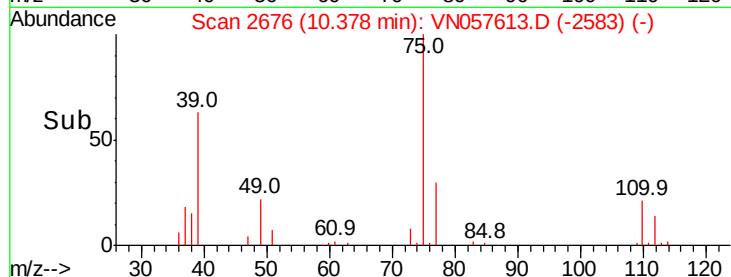
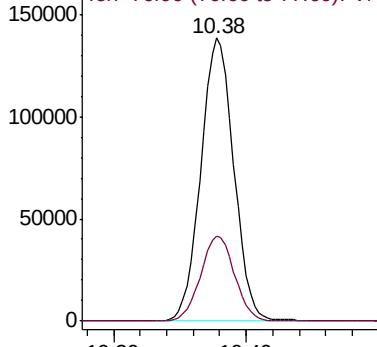
75 100

77 30.1 24.1 36.1



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: 58.600 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

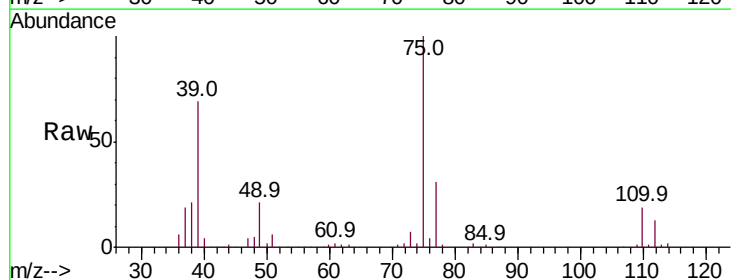
Tgt Ion: 75 Resp: 265164

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

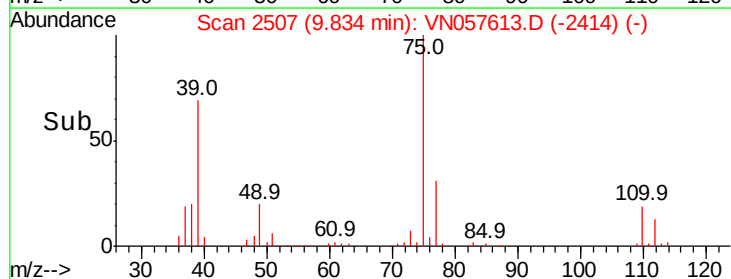
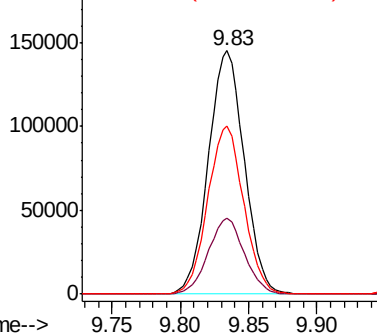
39 68.7 55.0 82.4

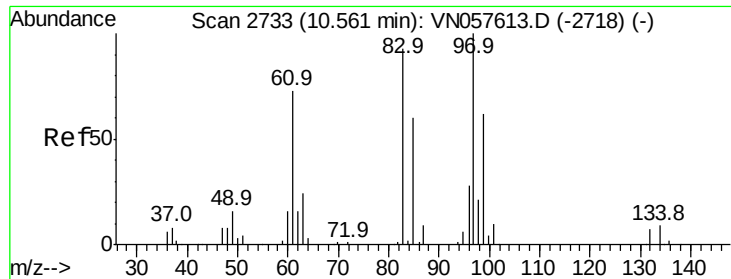


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

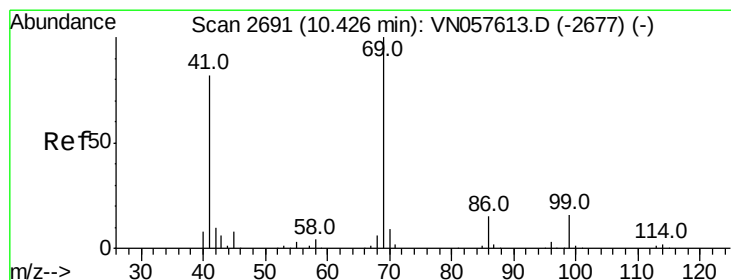
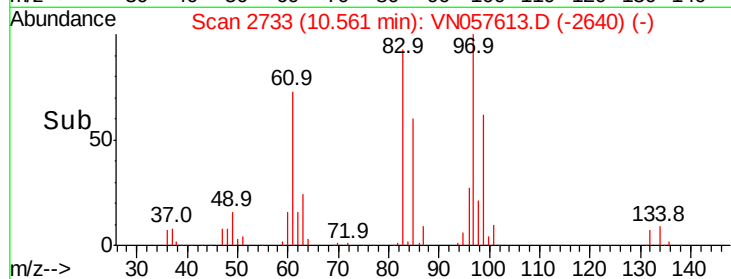
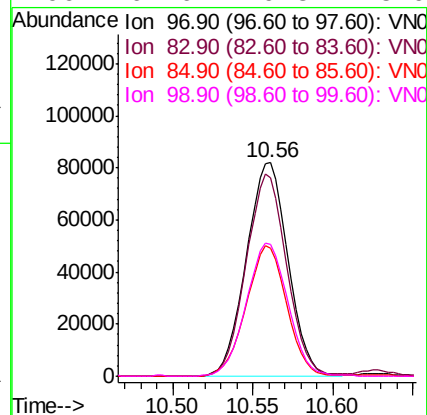
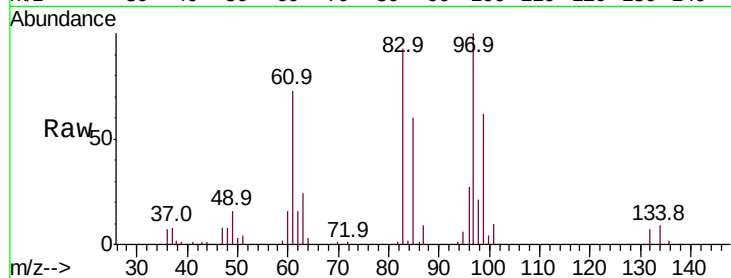




#55
 1,1,2-Trichloroethane
 Concen: 59.726 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

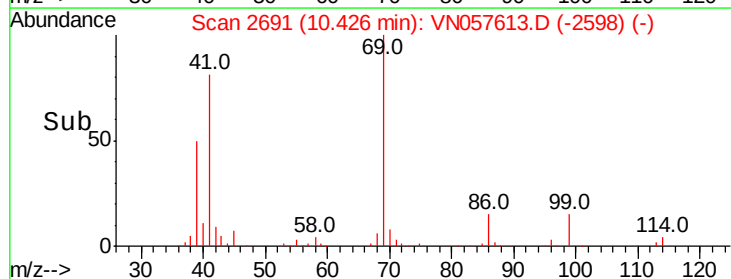
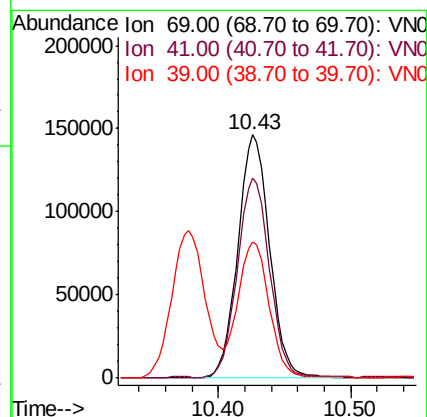
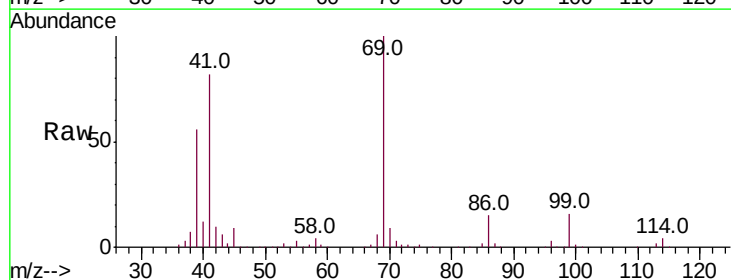
Instrument :
 MSVOA_N
 ClientSampleId :

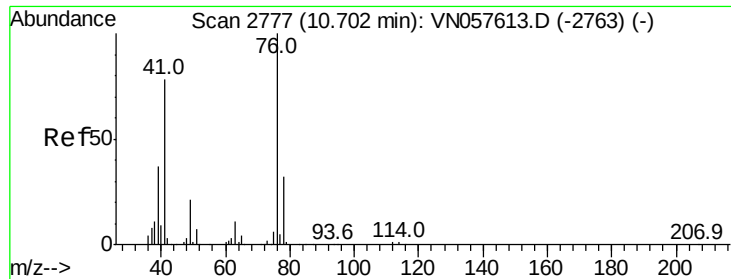
Tot Ion: 97 Resp: 145894
 Ion Ratio Lower Upper
 97 100
 83 92.7 74.2 111.2
 85 59.8 47.8 71.8
 99 61.6 49.3 73.9



#56
 Ethyl methacrylate
 Concen: 63.112 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion: 69 Resp: 243428
 Ion Ratio Lower Upper
 69 100
 41 82.2 65.8 98.6
 39 54.8 43.8 65.8





#57

1,3-Dichloropropane

Concen: 62.511 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

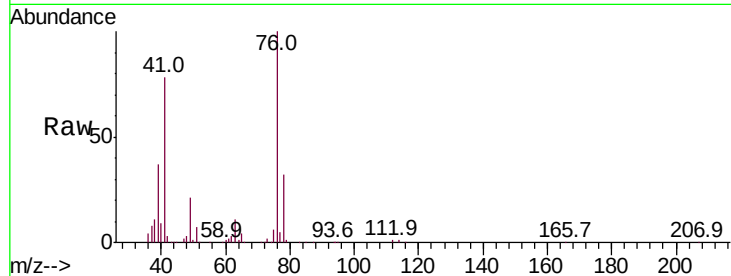
ClientSampleId :

Tot Ion: 76 Resp: 267383

Ion Ratio Lower Upper

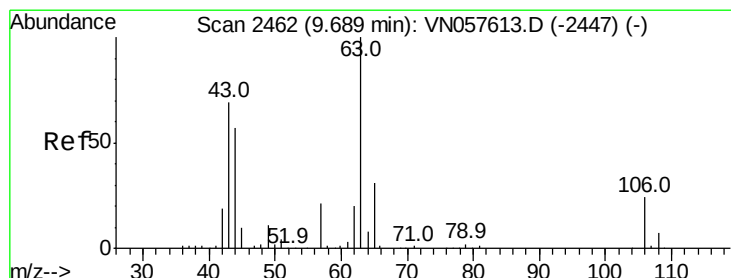
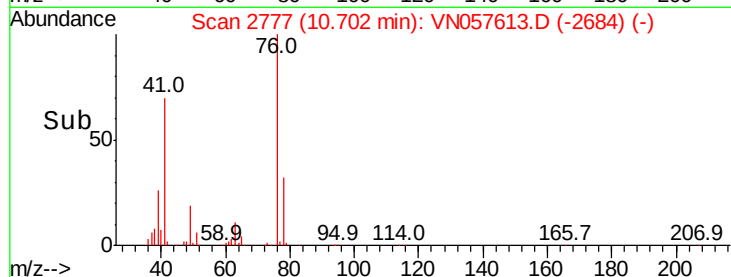
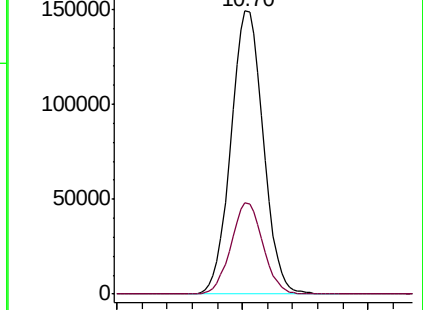
76 100

78 31.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 368.519 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057613.D

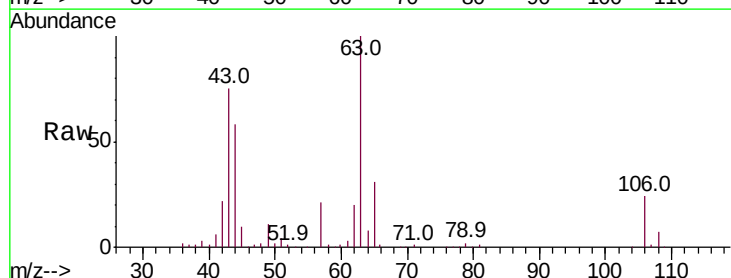
Acq: 31 Aug 2019 14:01

Tgt Ion: 63 Resp: 345034

Ion Ratio Lower Upper

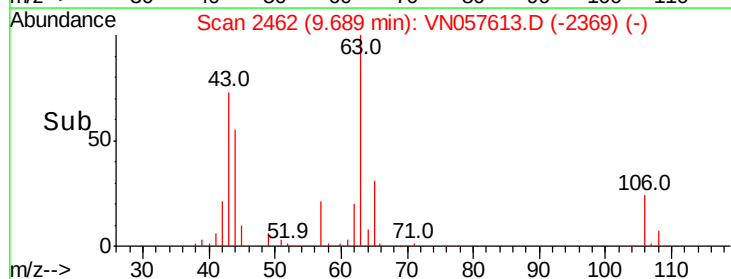
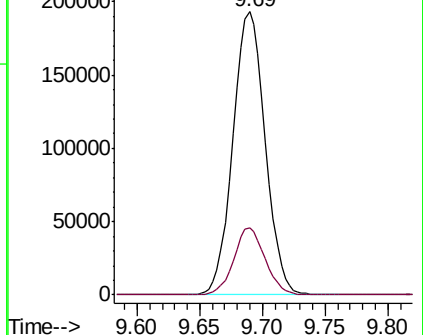
63 100

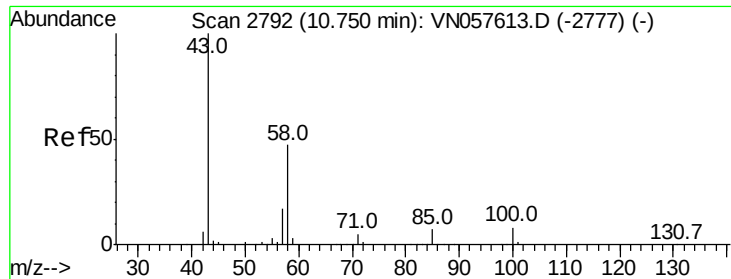
106 22.9 18.3 27.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

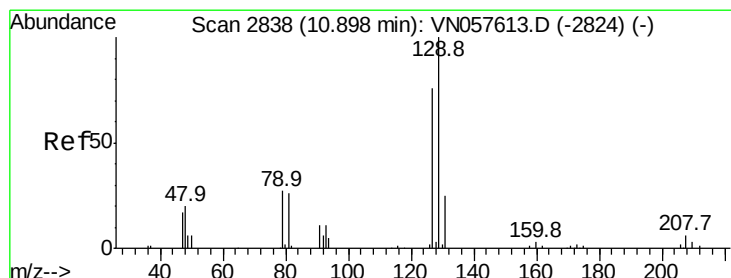
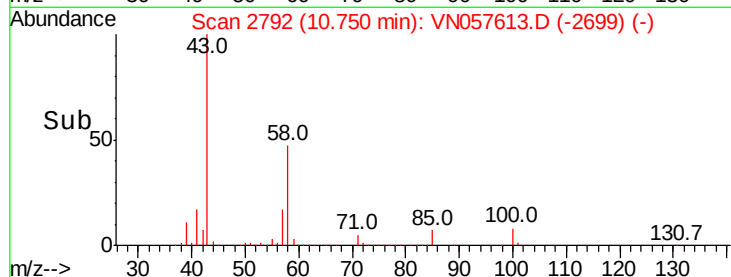
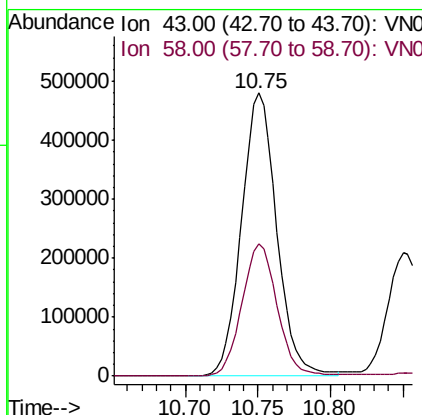
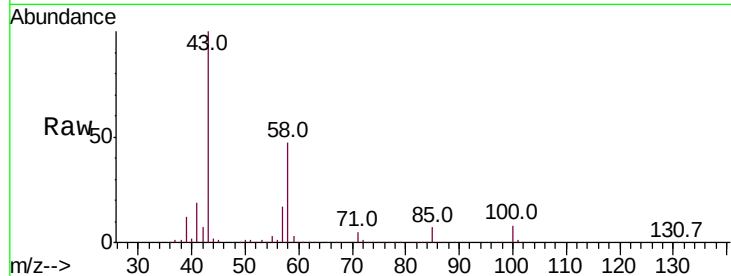




#59
2-Hexanone
Concen: 329.036 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

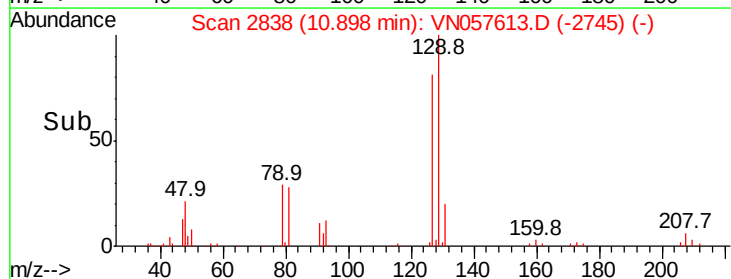
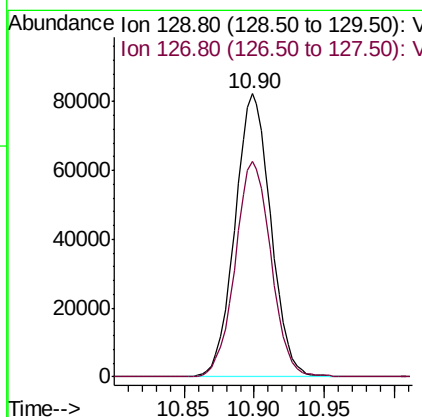
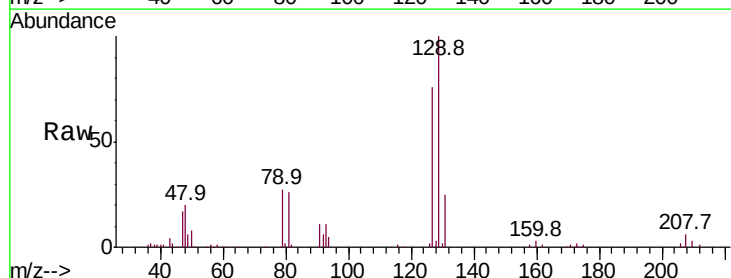
Instrument :
MSVOA_N
ClientSampleId :

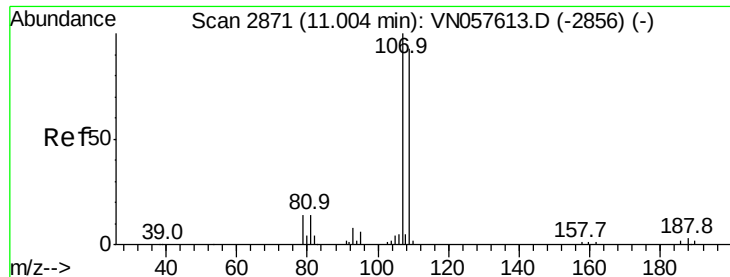
Tot Ion: 43 Resp: 809919
Ion Ratio Lower Upper
43 100
58 47.0 23.5 70.5



#60
Dibromochloromethane
Concen: 57.428 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 129 Resp: 146252
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

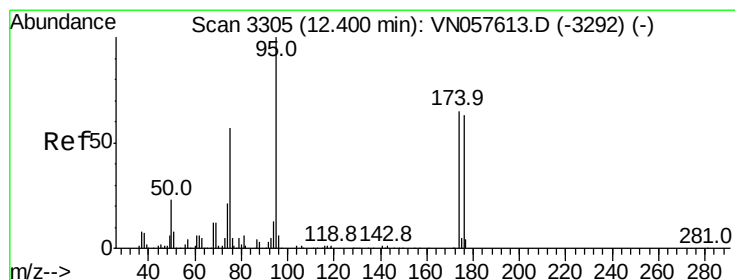
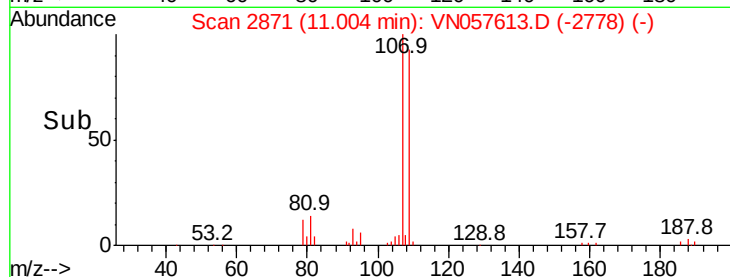
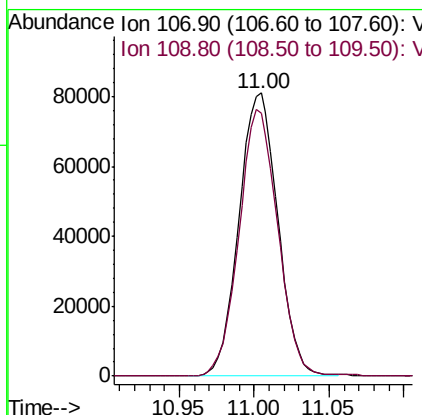
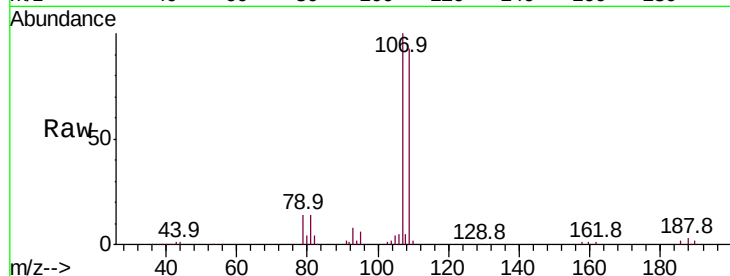




#61
 1,2-Dibromoethane
 Concen: 61.290 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

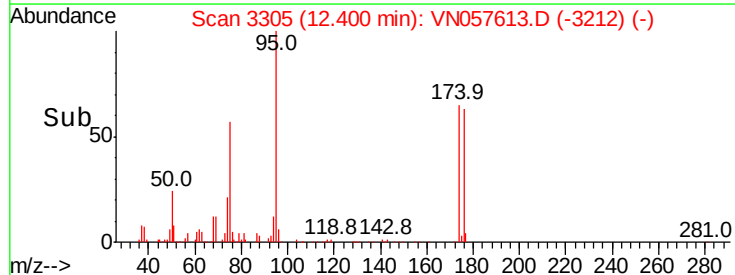
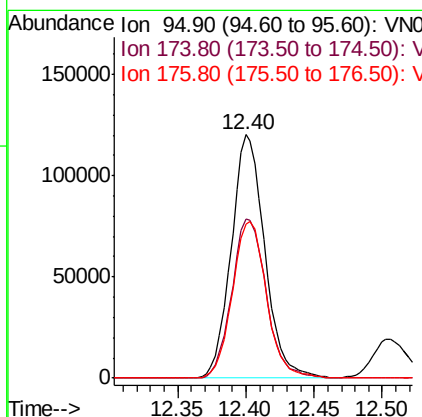
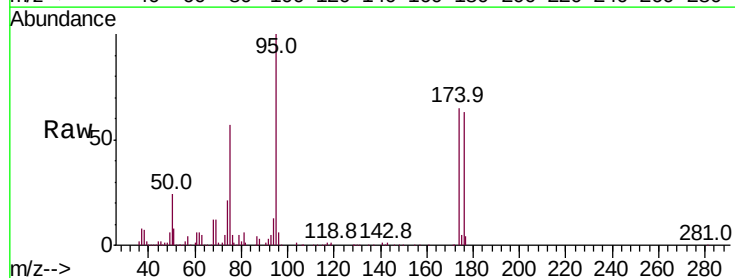
Instrument :
 MSVOA_N
 ClientSampleId :

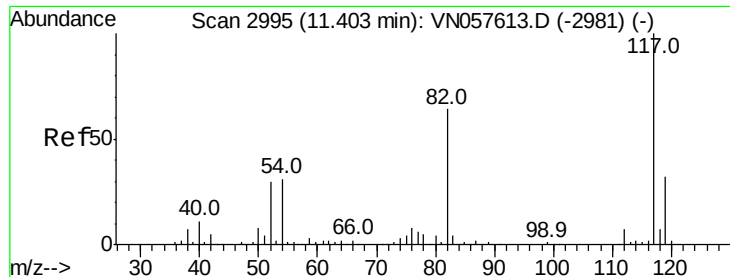
Tot Ion:107 Resp: 146466
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 67.269 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion: 95 Resp: 204839
 Ion Ratio Lower Upper
 95 100
 174 67.4 0.0 134.8
 176 65.8 0.0 131.6

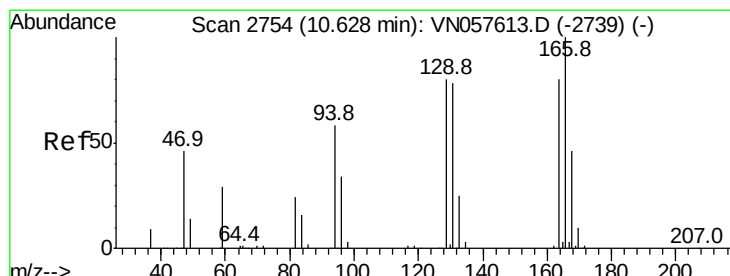
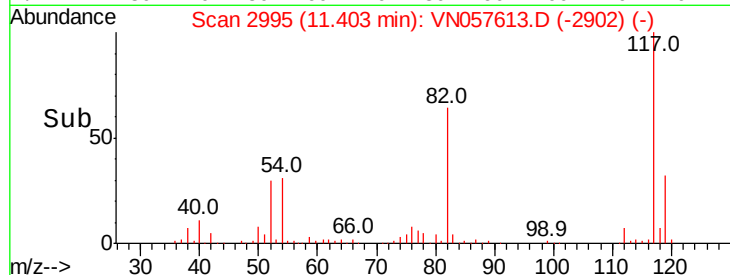
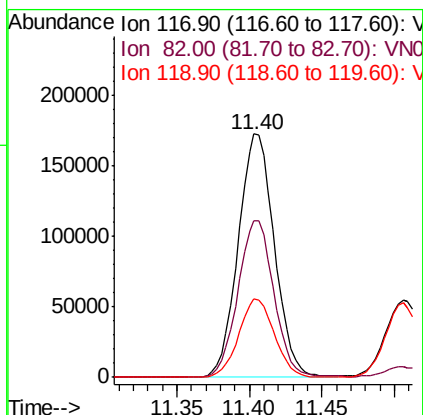
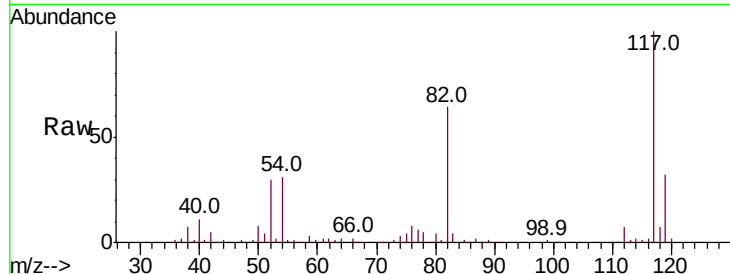




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

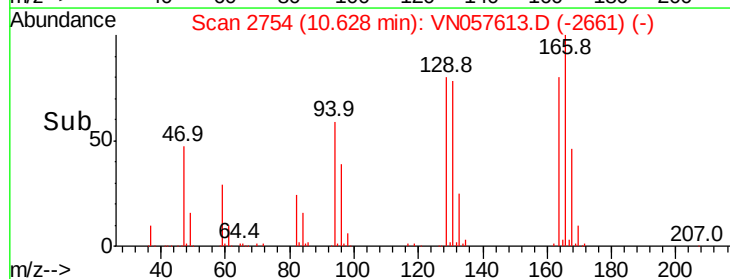
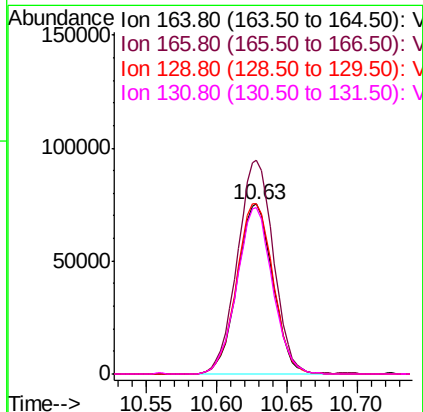
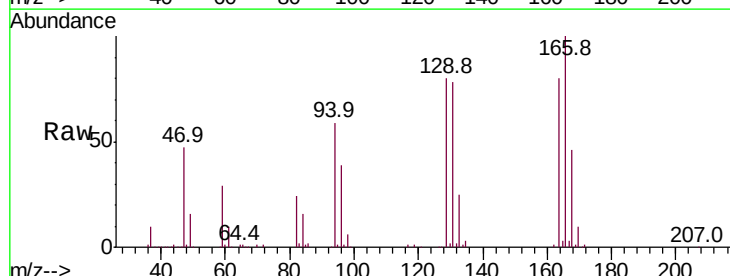
Instrument :
MSVOA_N
ClientSampled :

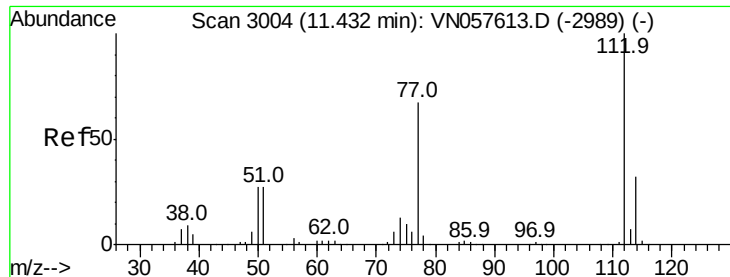
Tot Ion:117 Resp: 300245
Ion Ratio Lower Upper
117 100
82 64.5 51.6 77.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 59.935 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion:164 Resp: 133420
Ion Ratio Lower Upper
164 100
166 125.8 100.6 151.0
129 100.5 80.4 120.6
131 98.3 78.6 118.0

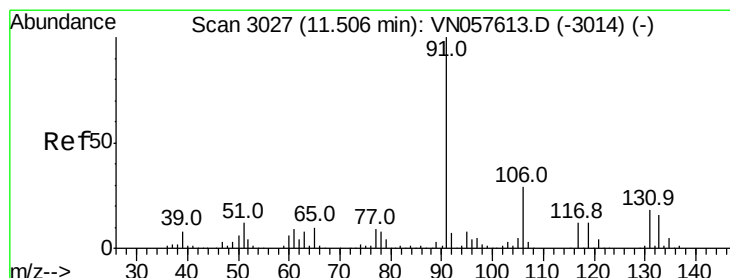
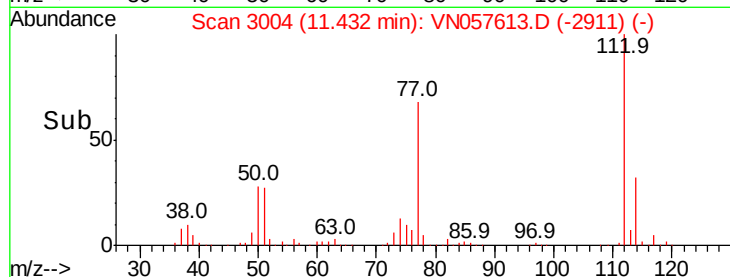
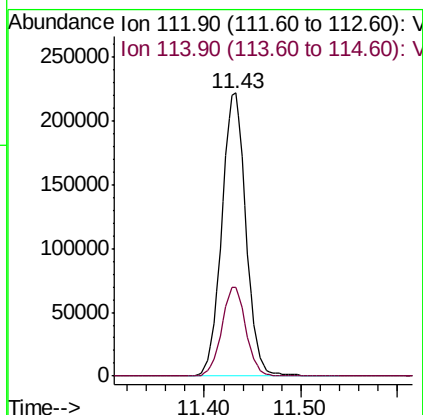
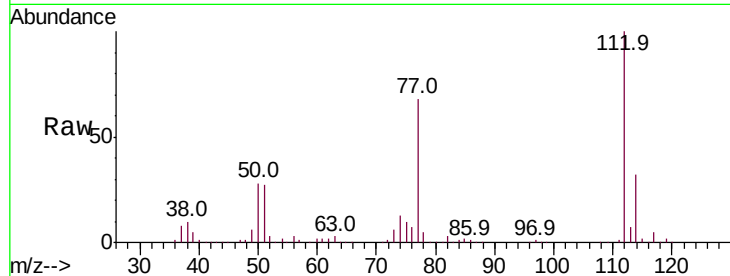




#65
Chlorobenzene
Concen: 59.912 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

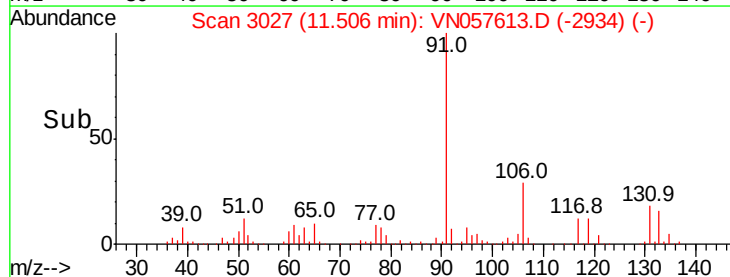
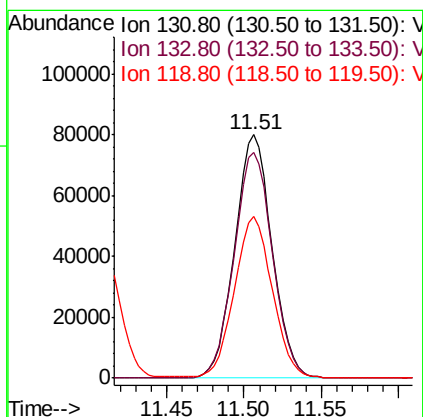
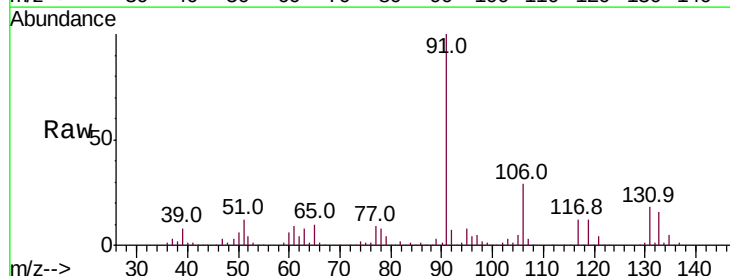
Instrument :
MSVOA_N
ClientSampleId :

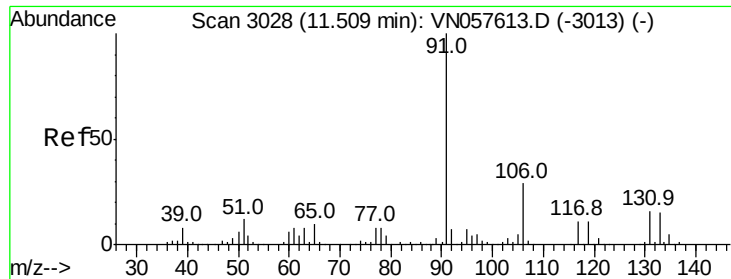
Tot Ion:112 Resp: 384480
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.475 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion:131 Resp: 133881
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 67.7 33.9 101.6

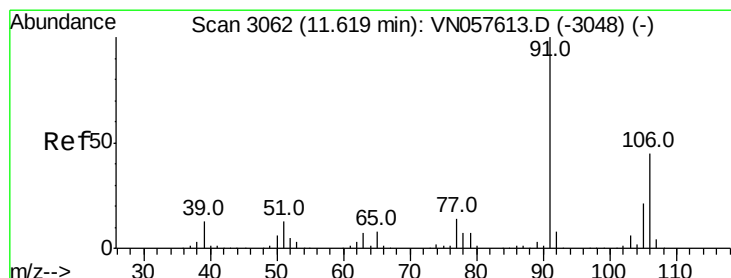
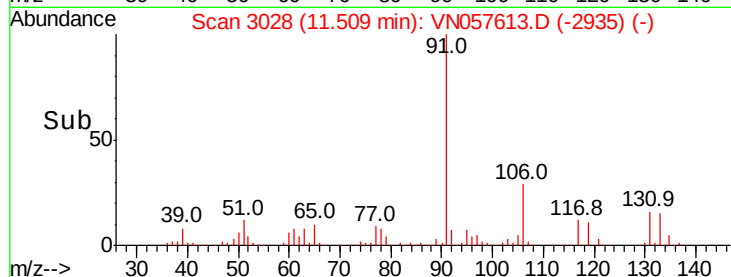
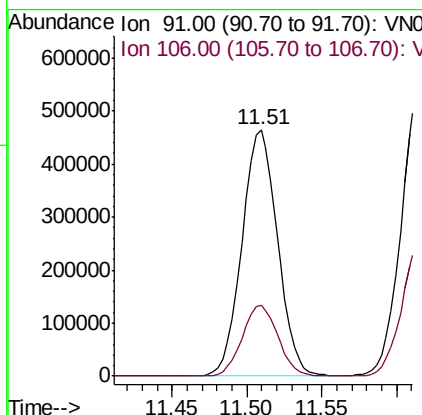
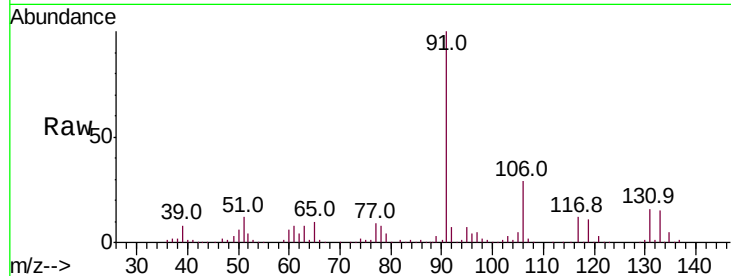




#67
Ethyl Benzene
Concen: 61.854 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

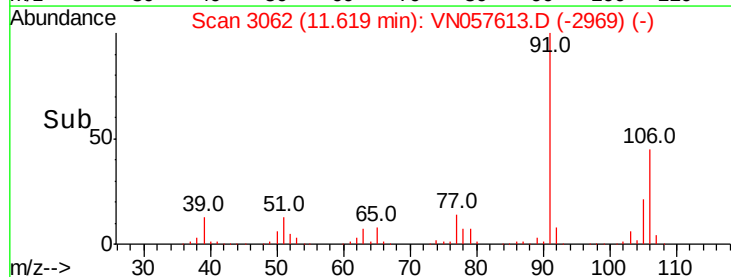
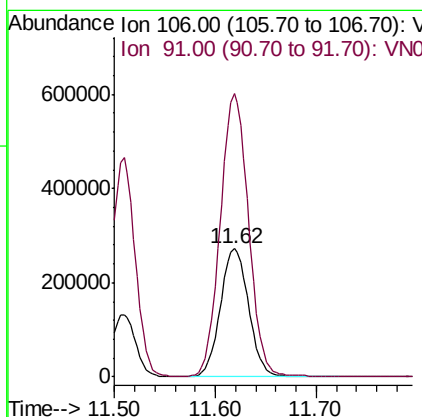
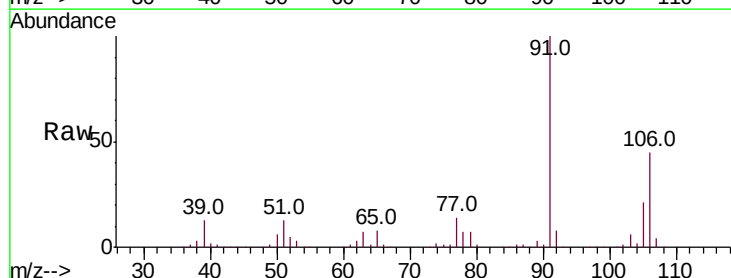
Instrument :
MSVOA_N
ClientSampled :

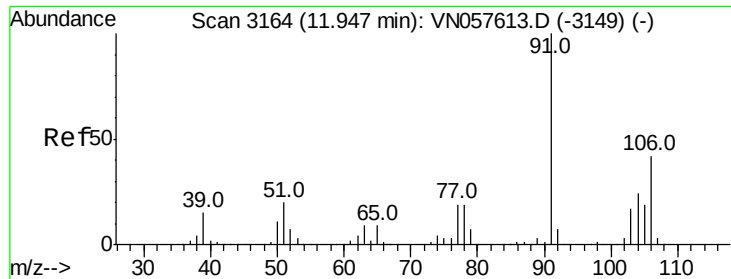
Tot Ion: 91 Resp: 769529
Ion Ratio Lower Upper
91 100
106 28.6 22.9 34.3



#68
m/p-Xylenes
Concen: 126.678 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 106 Resp: 535784
Ion Ratio Lower Upper
106 100
91 220.2 176.2 264.2

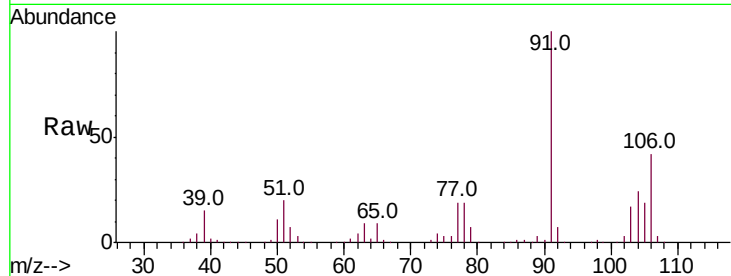




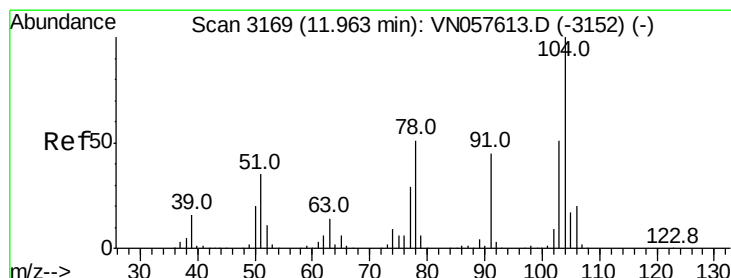
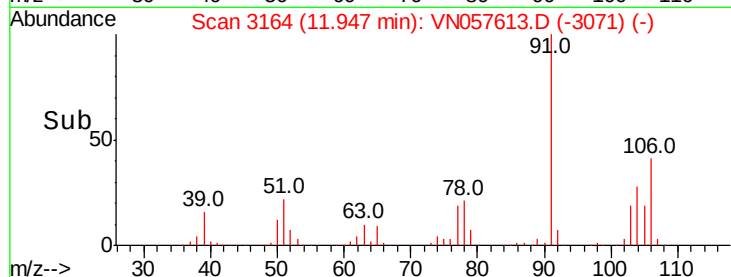
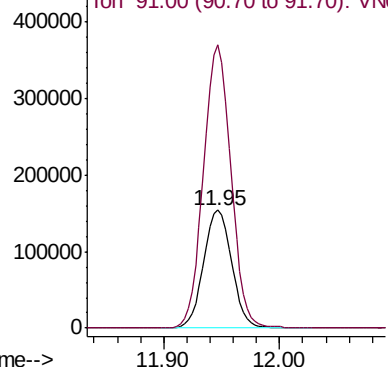
#69
o-Xylene
Concen: 62.205 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 259610
Ion Ratio Lower Upper
106 100
91 234.5 117.3 351.8

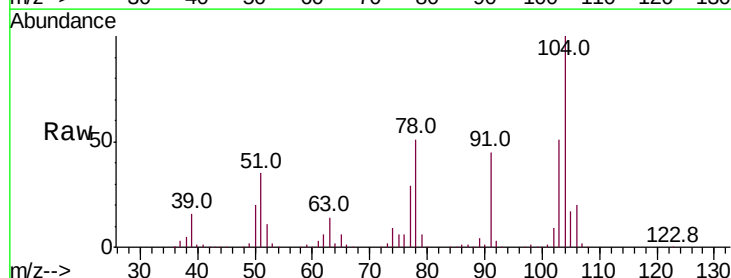


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

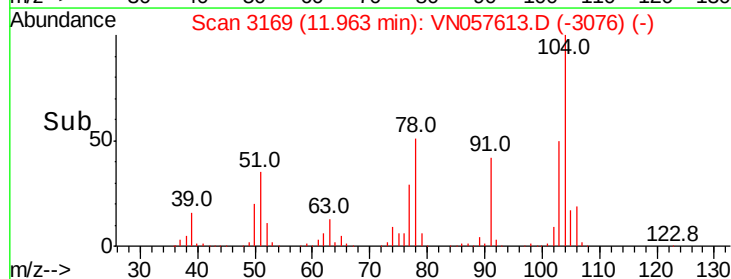
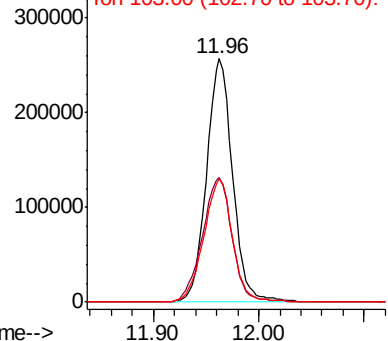


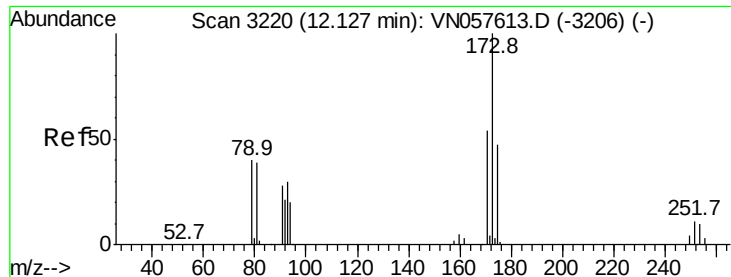
#70
Styrene
Concen: 65.871 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion:104 Resp: 438705
Ion Ratio Lower Upper
104 100
78 58.3 46.6 70.0
103 55.9 44.7 67.1



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





#71

Bromoform

Concen: 54.427 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

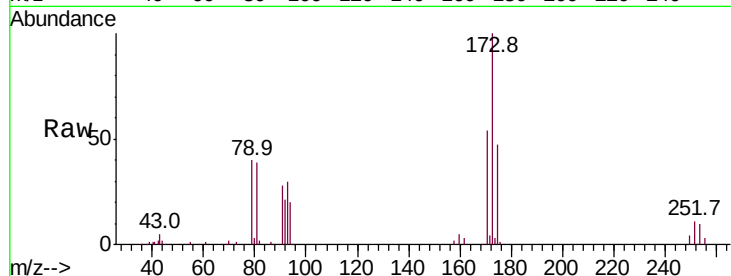
Tot Ion:173 Resp: 87798

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

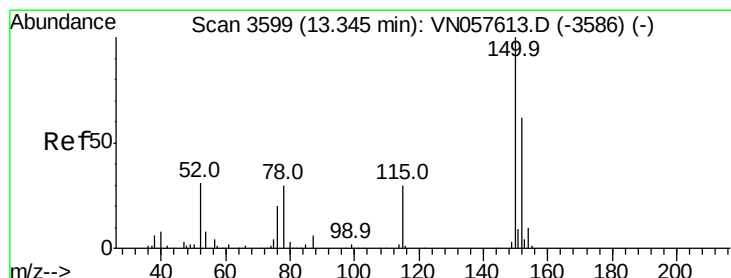
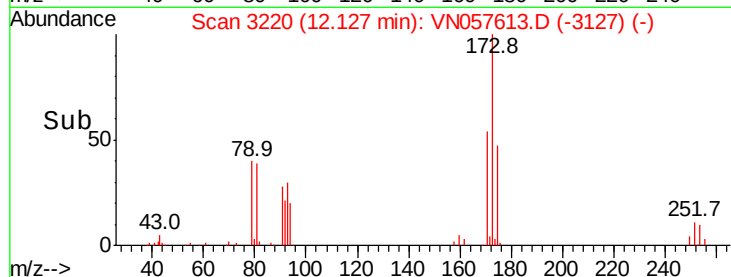
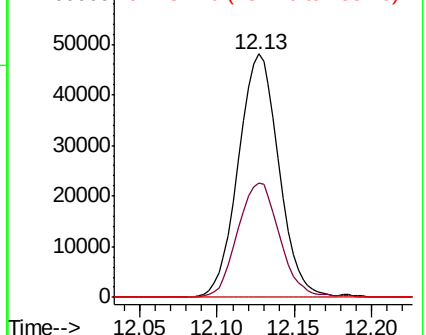
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

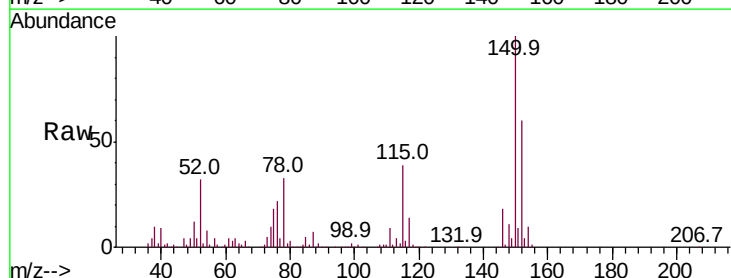
Tgt Ion:152 Resp: 133112

Ion Ratio Lower Upper

152 100

115 66.4 33.2 99.6

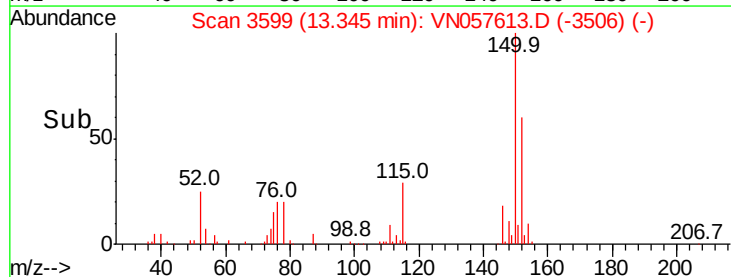
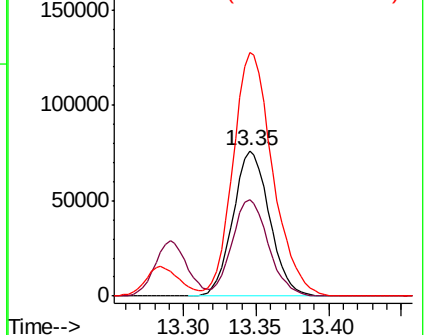
150 182.6 0.0 365.2

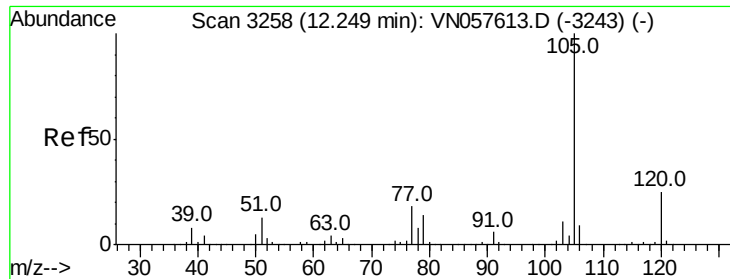


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.360 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

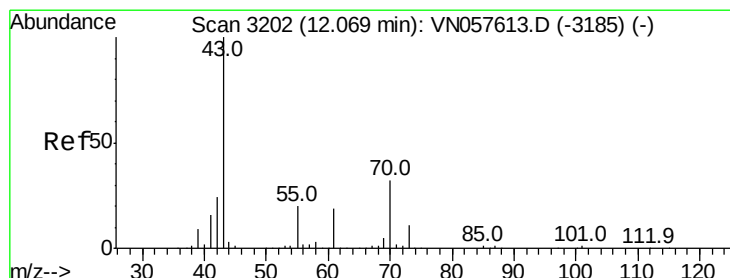
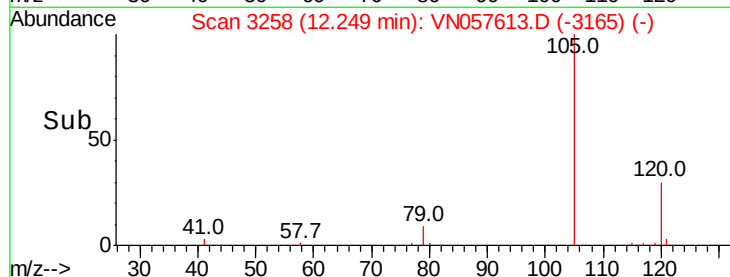
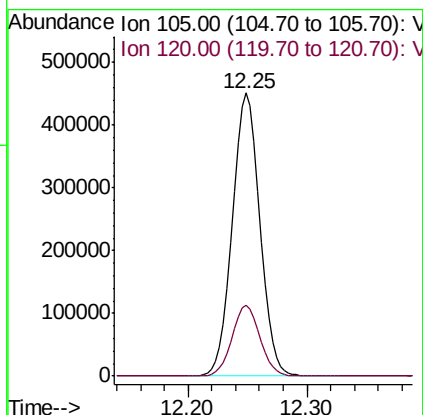
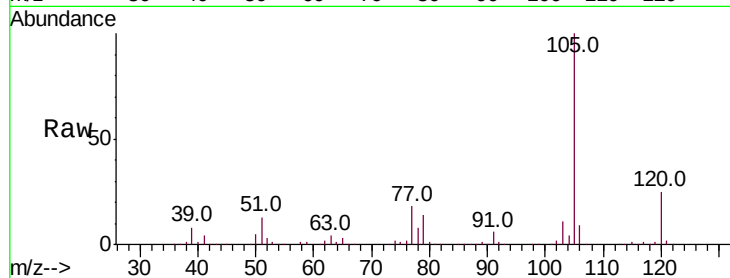
ClientSampled :

Tot Ion:105 Resp: 722256

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 48.134 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Tgt Ion: 43 Resp: 337040

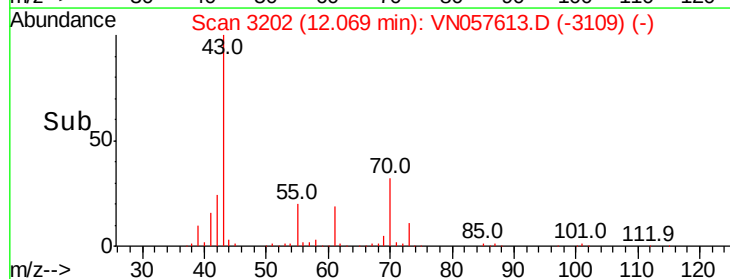
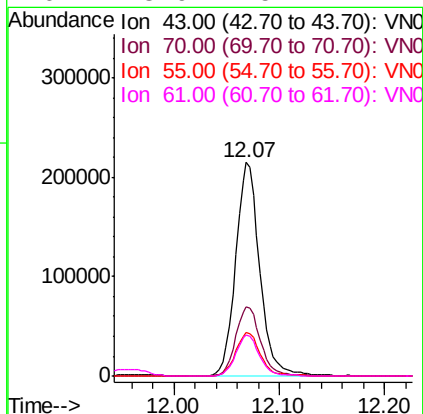
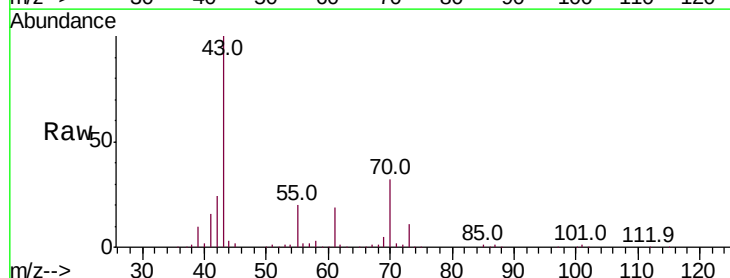
Ion Ratio Lower Upper

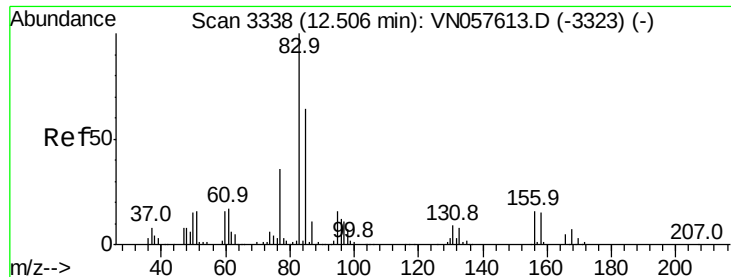
43 100

70 33.6 26.9 40.3

55 21.0 16.8 25.2

61 18.9 15.1 22.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.384 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

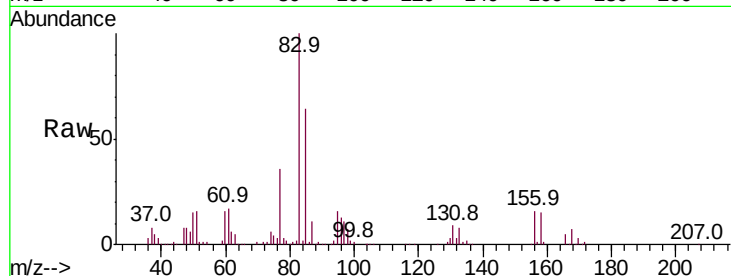
Tot Ion: 83 Resp: 207559

Ion Ratio Lower Upper

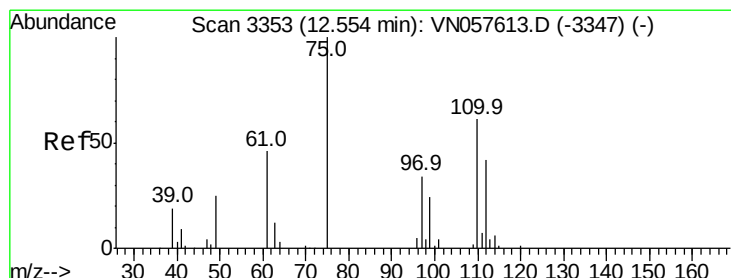
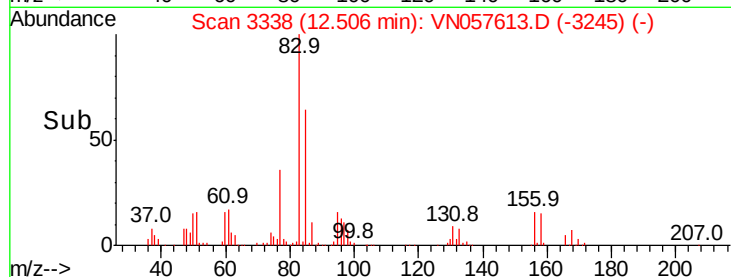
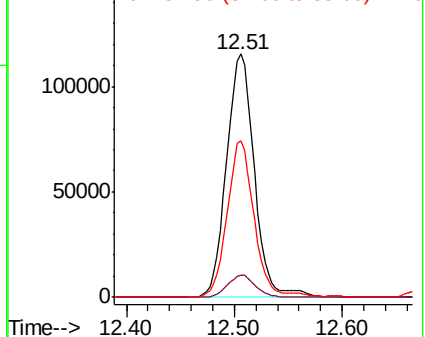
83 100

131 9.1 4.5 13.7

85 62.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 75.216 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057613.D

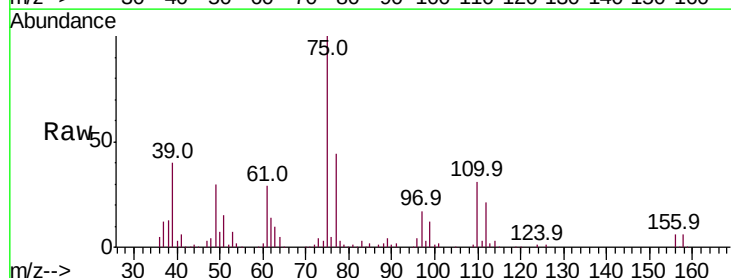
Acq: 31 Aug 2019 14:01

Tgt Ion: 75 Resp: 263008

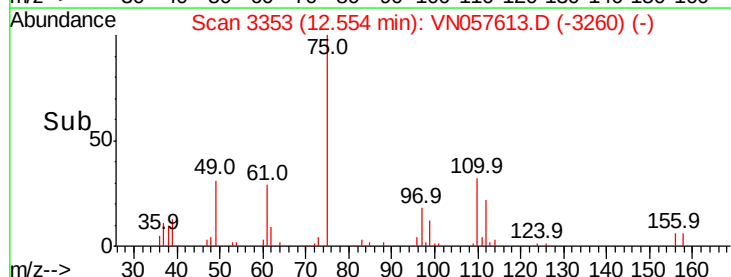
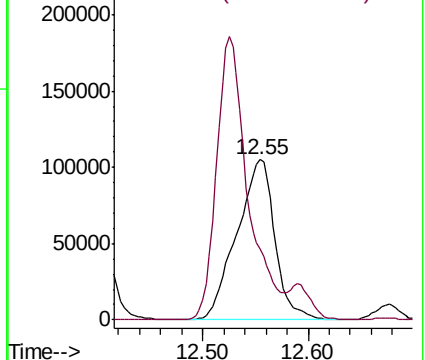
Ion Ratio Lower Upper

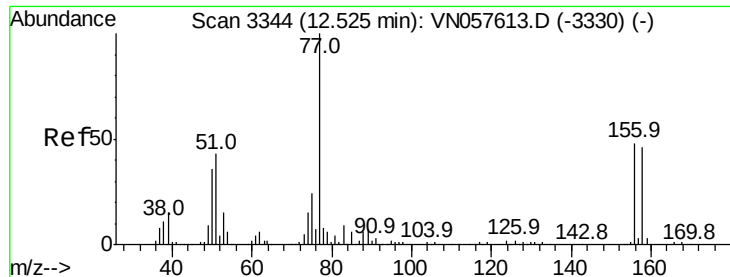
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.663 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

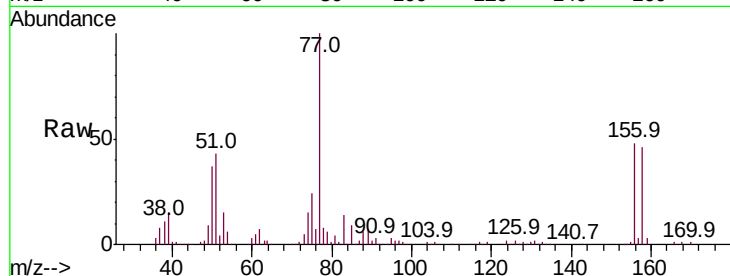
Tot Ion:156 Resp: 154627

Ion Ratio Lower Upper

156 100

77 247.0 123.5 370.5

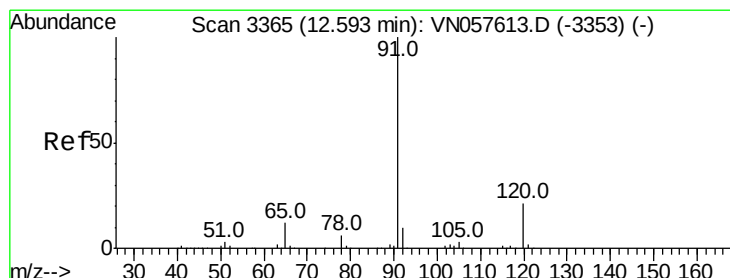
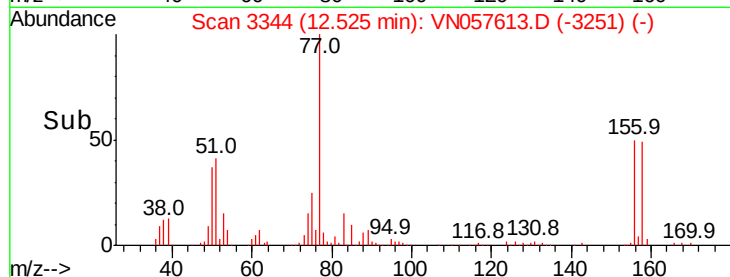
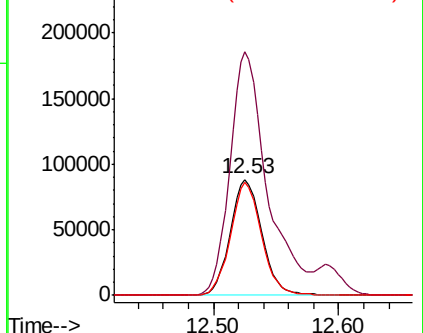
158 95.5 47.8 143.3



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: 50.486 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057613.D

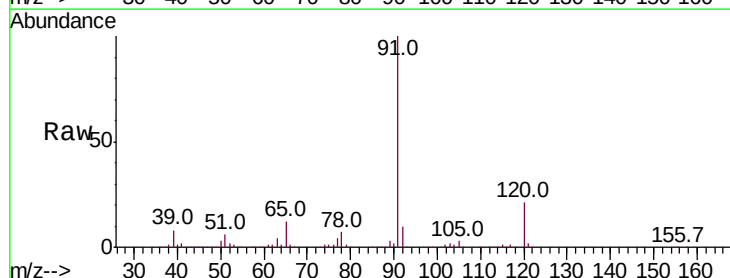
Acq: 31 Aug 2019 14:01

Tgt Ion: 91 Resp: 818958

Ion Ratio Lower Upper

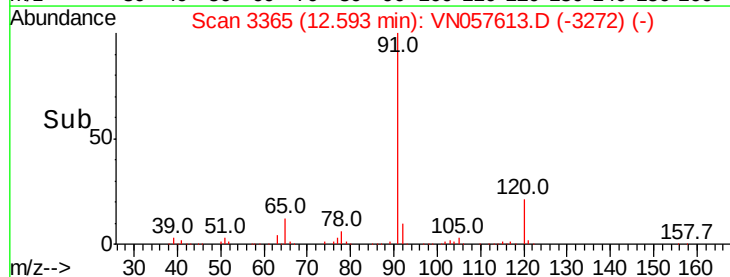
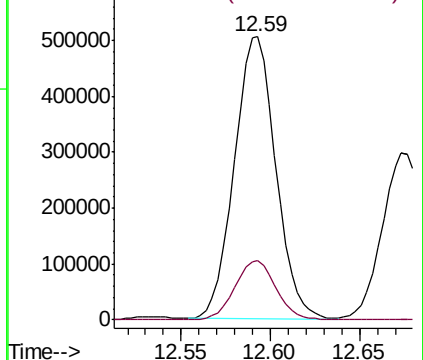
91 100

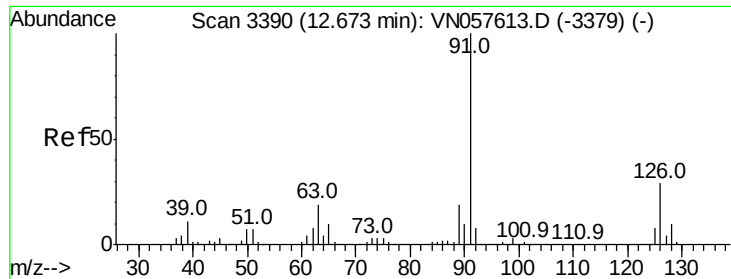
120 20.9 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

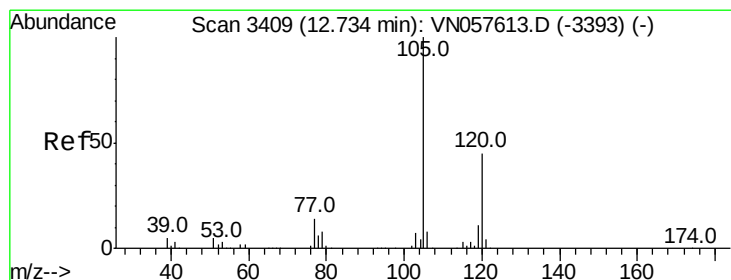
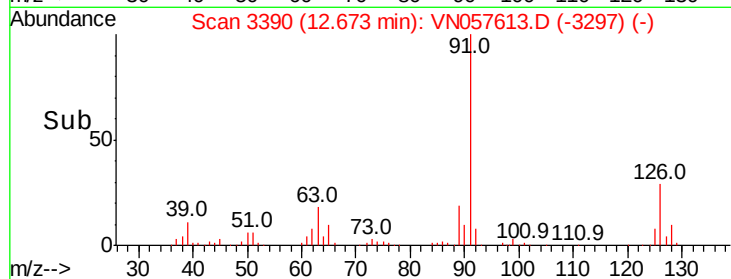
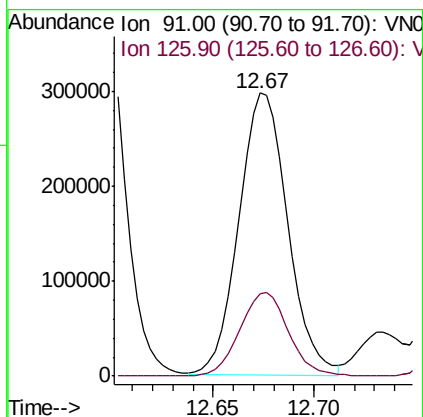
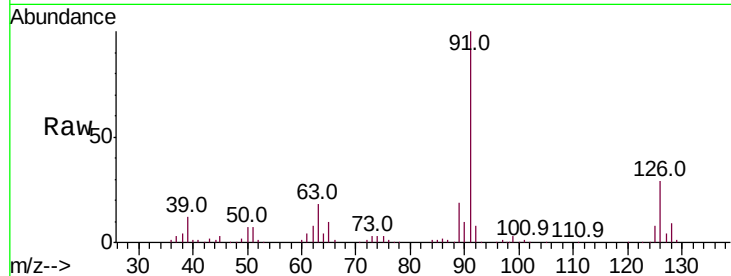




#79
 2-Chlorotoluene
 Concen: 51.834 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

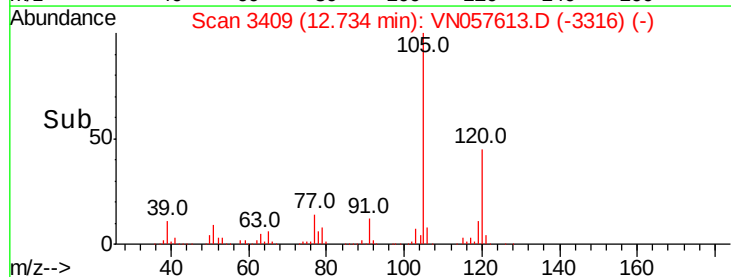
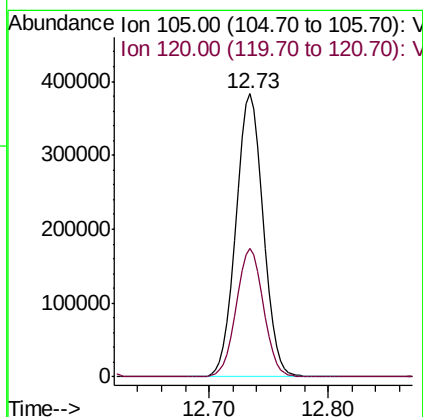
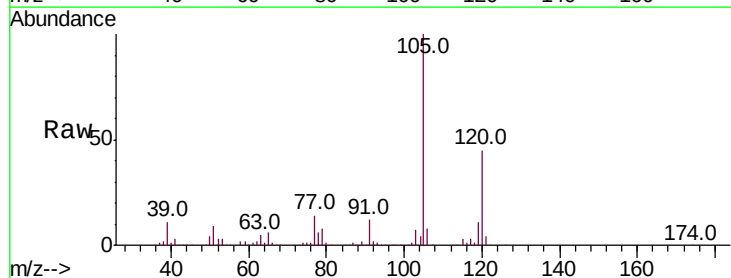
Instrument :
 MSVOA_N
 ClientSampleId :

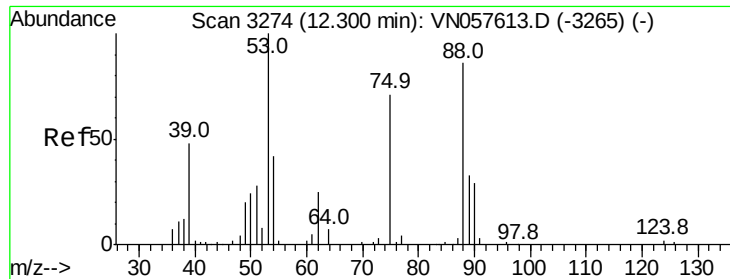
Tot Ion: 91 Resp: 504042
 Ion Ratio Lower Upper
 91 100
 126 29.7 14.9 44.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.567 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion: 105 Resp: 609477
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8

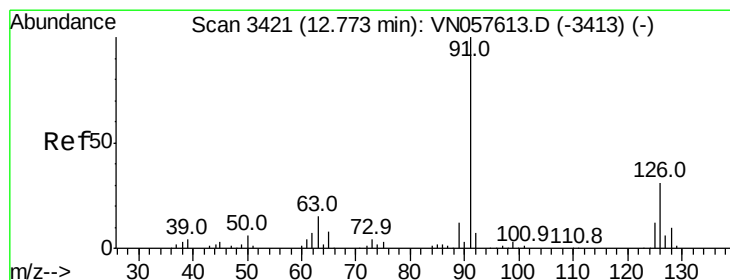
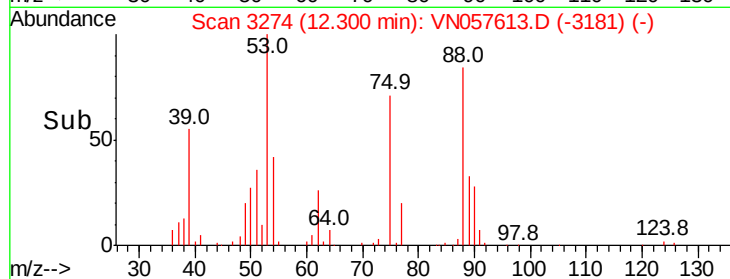
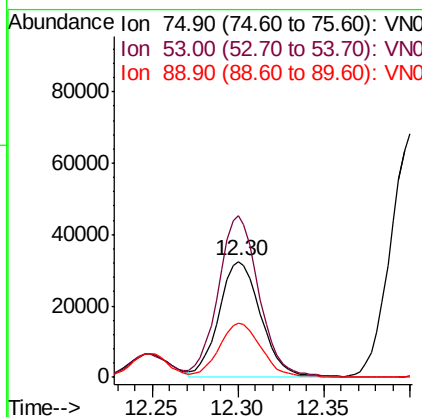
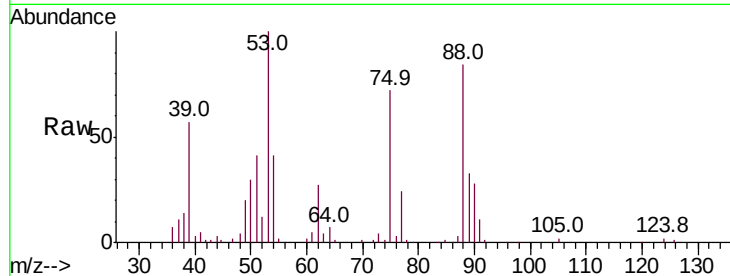




#81
trans-1,4-Dichloro-2-butene
Concen: 41.768 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

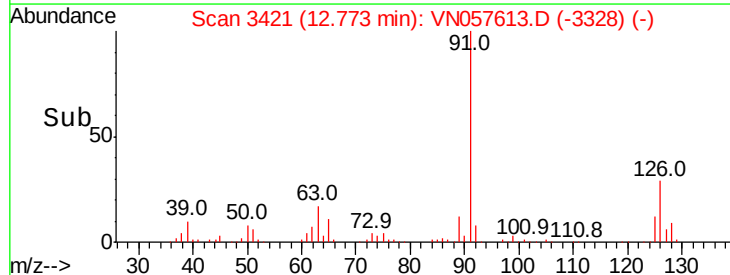
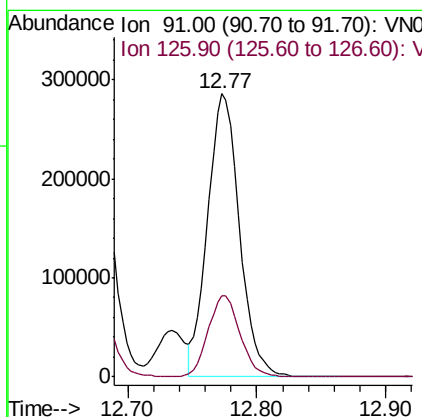
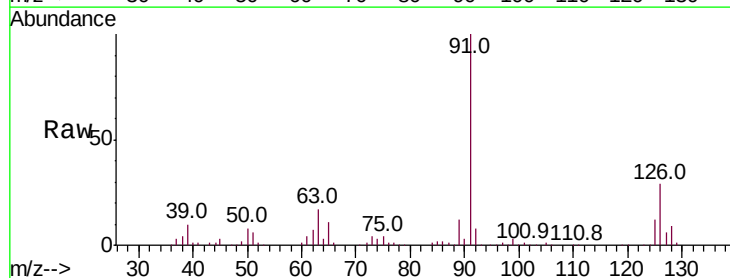
Instrument :
MSVOA_N
ClientSampled :

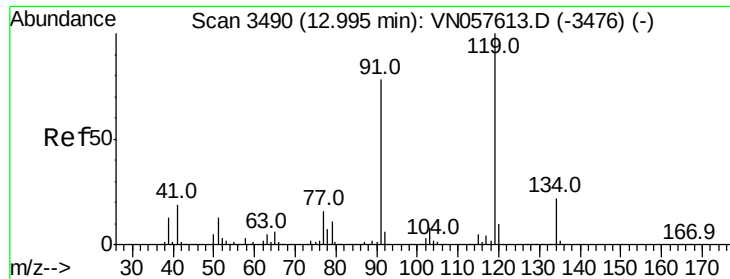
Tot Ion: 75 Resp: 54280
Ion Ratio Lower Upper
75 100
53 138.8 111.0 166.6
89 47.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 52.868 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 91 Resp: 490446
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2

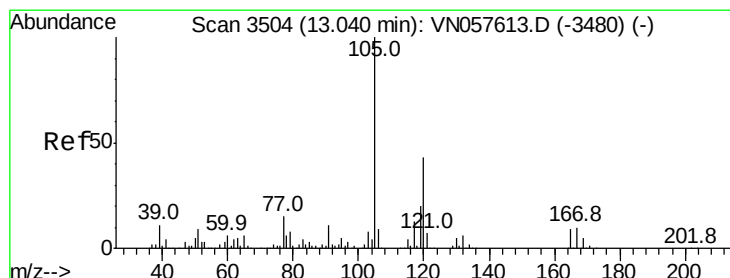
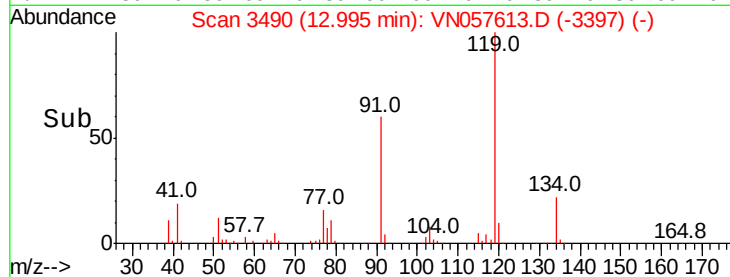
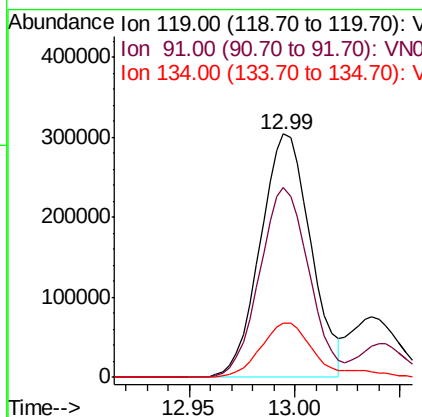
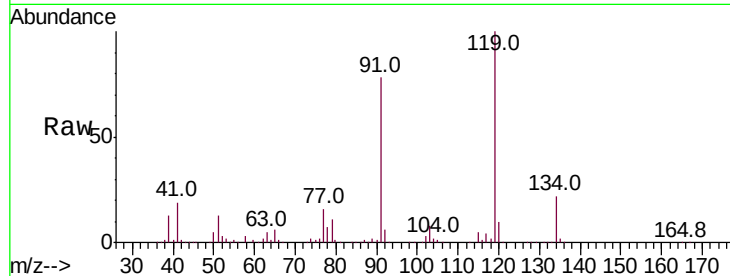




#83
 tert-Butylbenzene
 Concen: 47.191 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

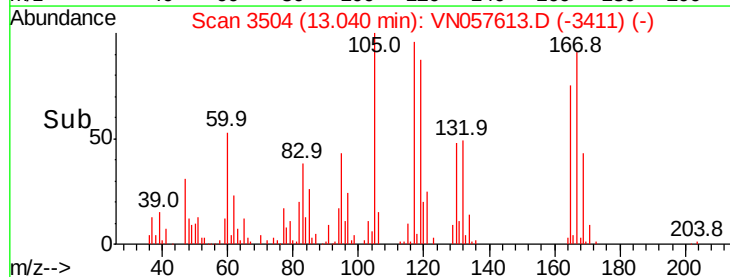
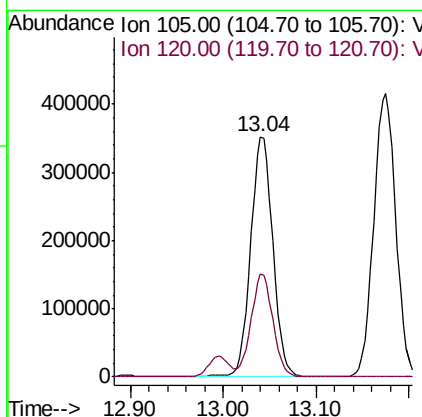
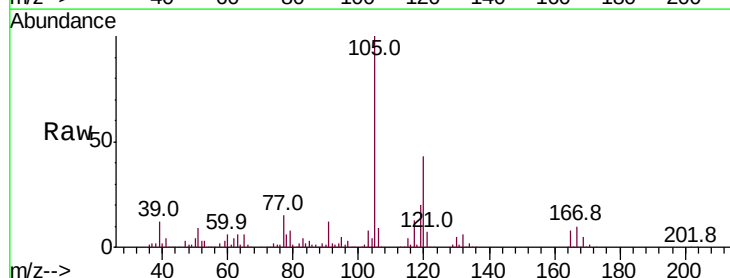
Instrument :
 MSVOA_N
 ClientSampleId :

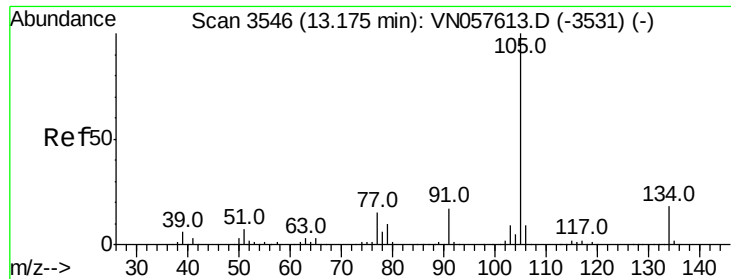
Tot Ion:119 Resp: 504701
 Ion Ratio Lower Upper
 119 100
 91 76.6 38.3 114.9
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.712 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion:105 Resp: 584446
 Ion Ratio Lower Upper
 105 100
 120 41.7 20.8 62.5





#85

sec-Butylbenzene

Concen: 52.022 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

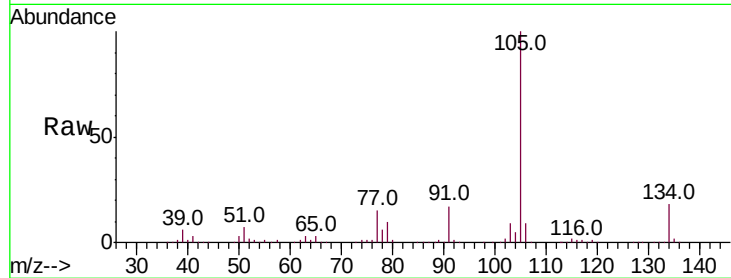
ClientSampleId :

Tot Ion:105 Resp: 683652

Ion Ratio Lower Upper

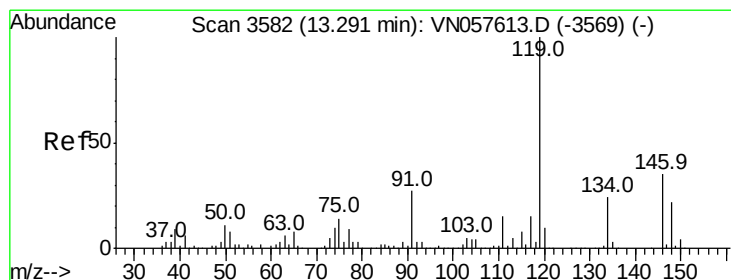
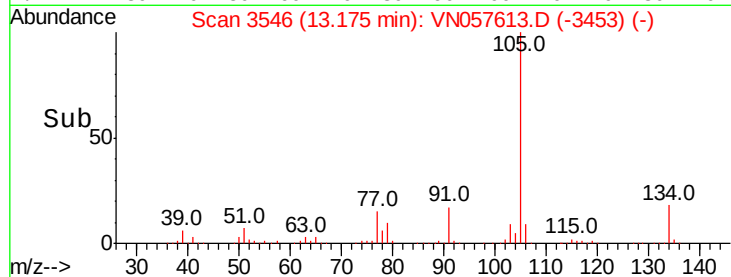
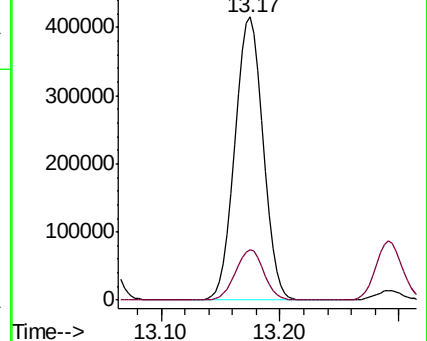
105 100

134 17.9 8.9 26.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.004 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

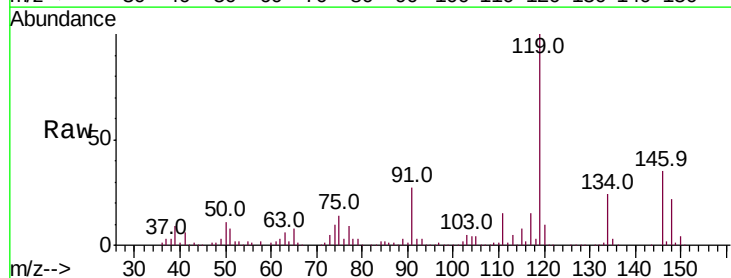
Tgt Ion:119 Resp: 567546

Ion Ratio Lower Upper

119 100

134 23.7 11.9 35.5

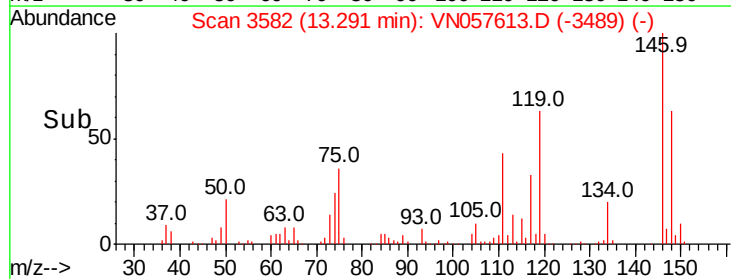
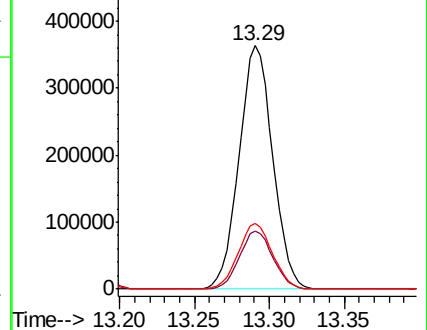
91 27.3 13.7 41.0

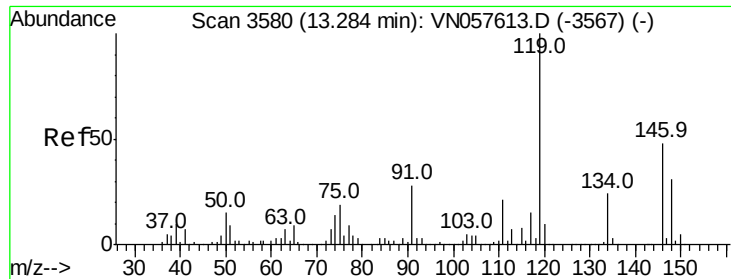


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

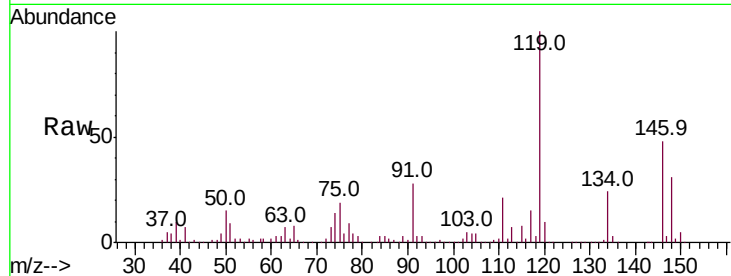




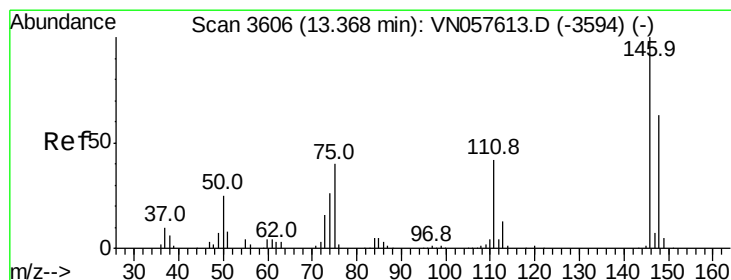
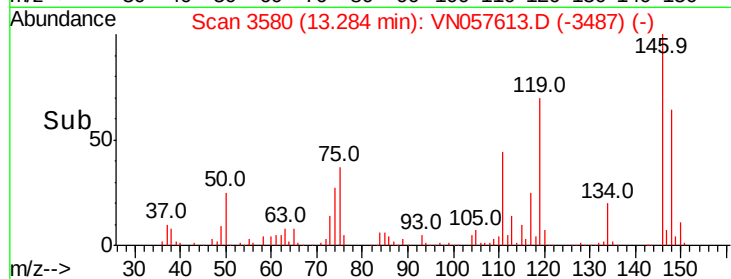
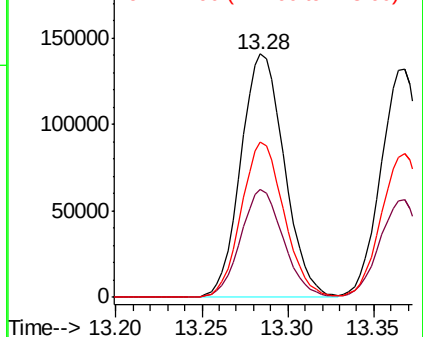
#87
 1,3-Dichlorobenzene
 Concen: 55.588 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 247742
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 62.8 31.4 94.2

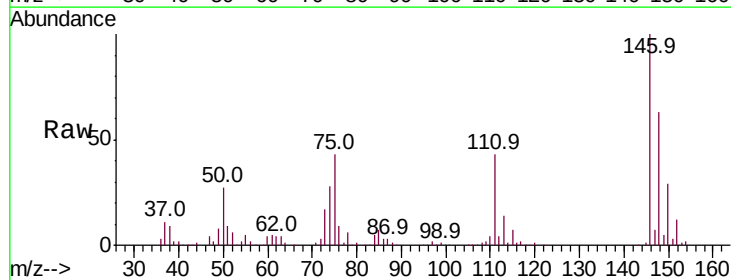


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

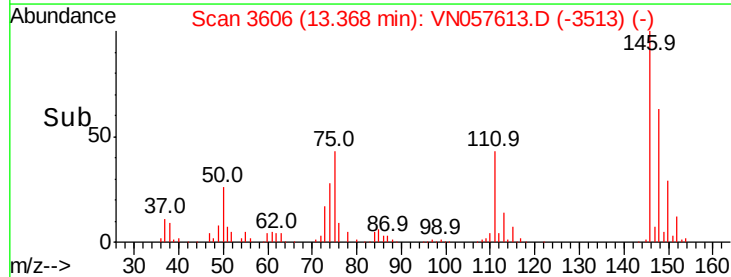
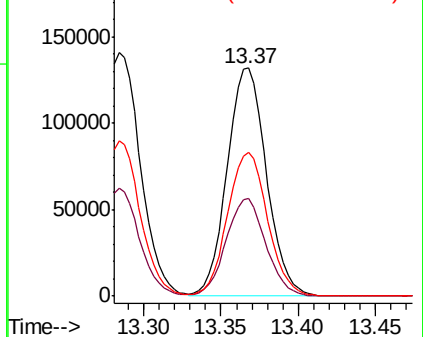


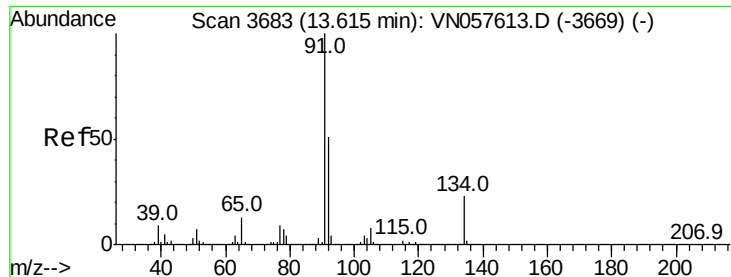
#88
 1,4-Dichlorobenzene
 Concen: 53.661 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion:146 Resp: 232590
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

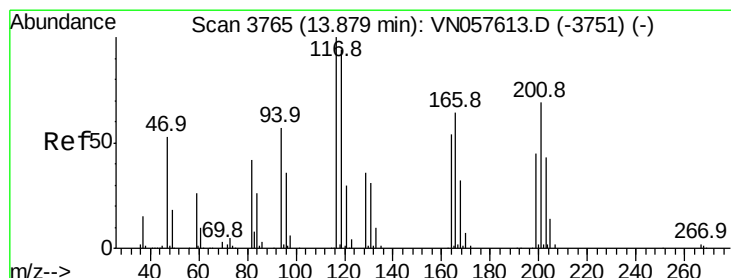
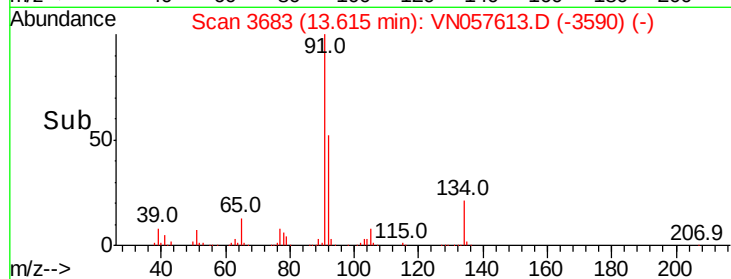
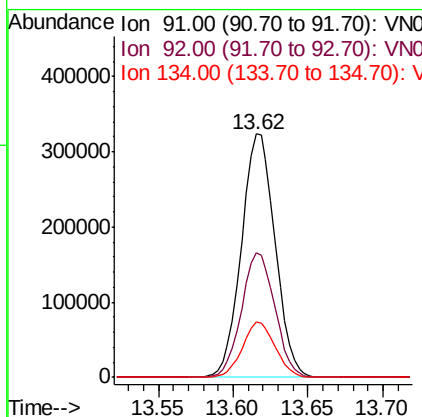
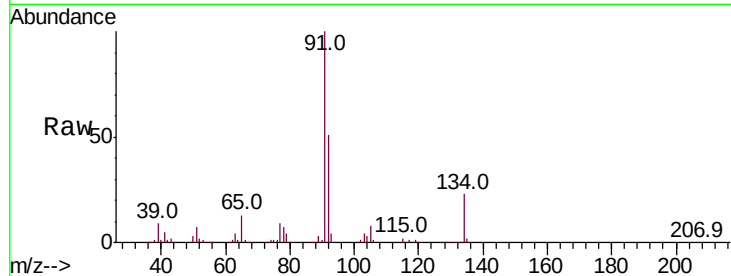




#89
n-Butylbenzene
Concen: 55.701 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

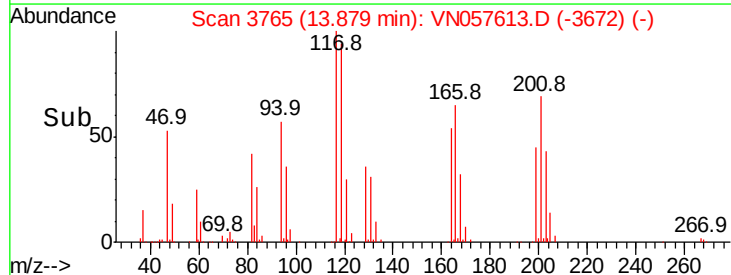
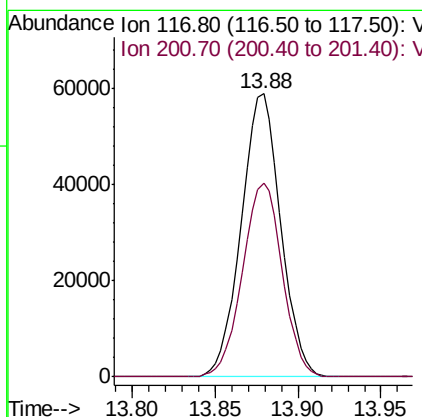
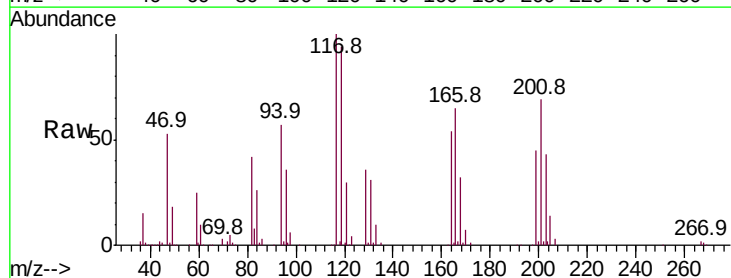
Instrument :
MSVOA_N
ClientSampled :

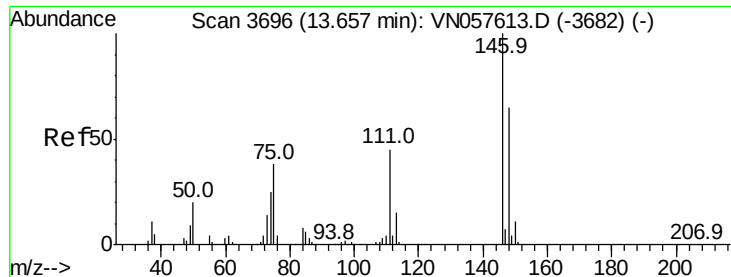
Tot Ion: 91 Resp: 506819
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 22.0 11.0 33.0



#90
Hexachloroethane
Concen: 40.585 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057613.D
Acq: 31 Aug 2019 14:01

Tgt Ion: 117 Resp: 97454
Ion Ratio Lower Upper
117 100
201 68.8 34.4 103.2

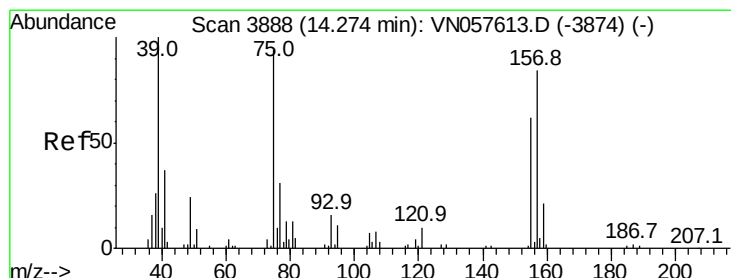
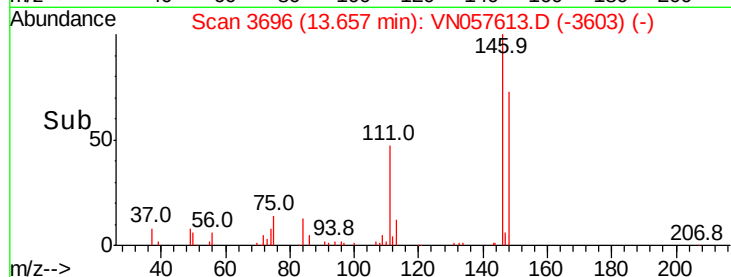
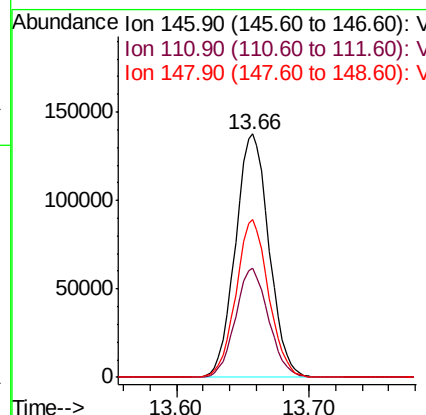
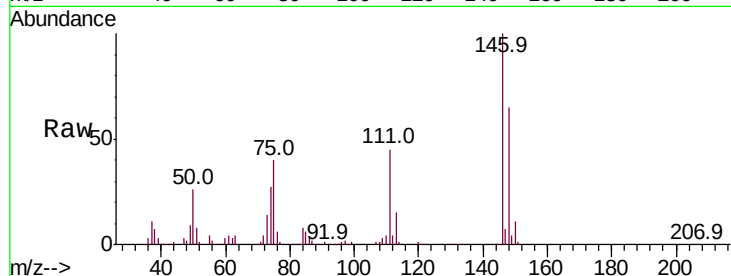




#91
 1,2-Dichlorobenzene
 Concen: 56.714 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

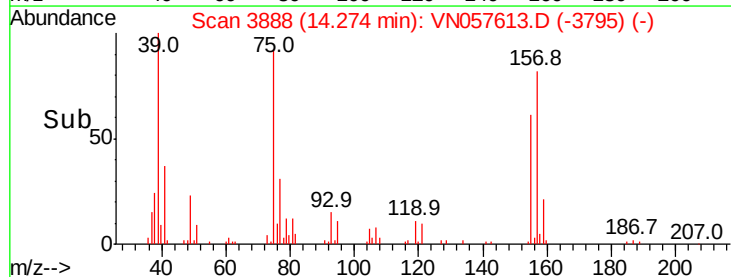
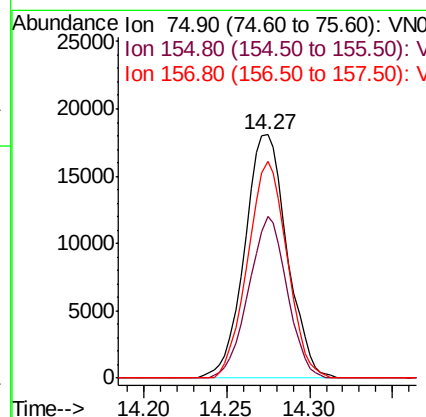
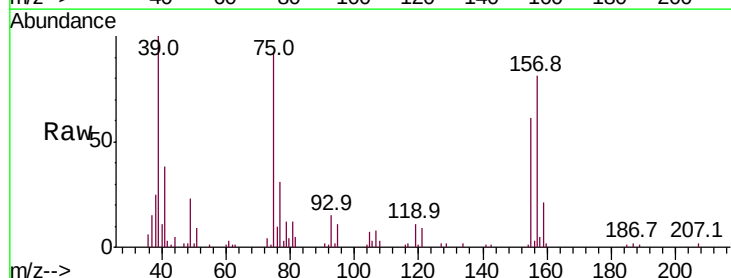
Instrument :
 MSVOA_N
 ClientSampleId :

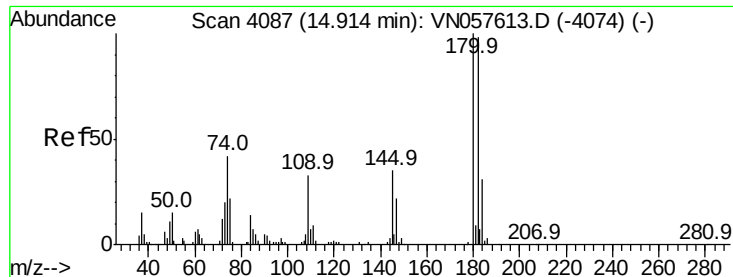
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.5
148	63.1	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.906 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.3	30.1	90.5
157	82.9	41.4	124.4

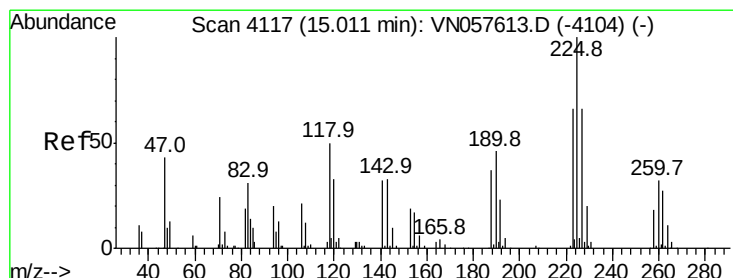
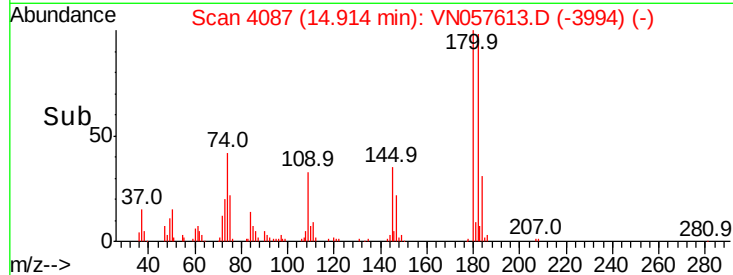
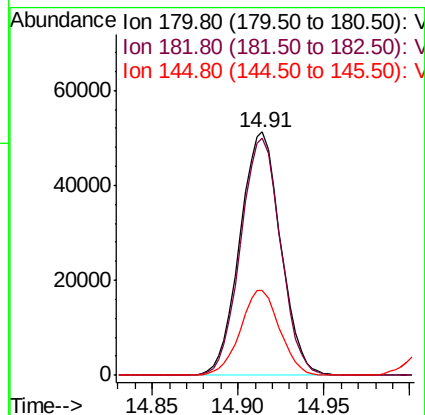
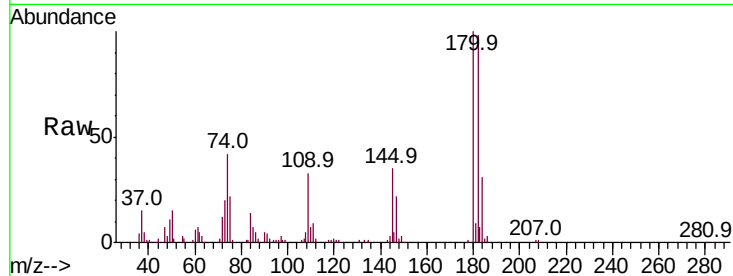




#93
 1,2,4-Trichlorobenzene
 Concen: 54.072 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

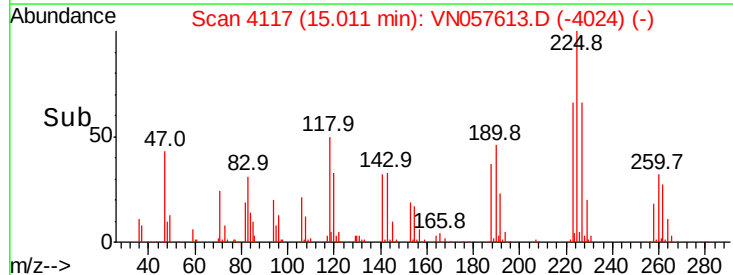
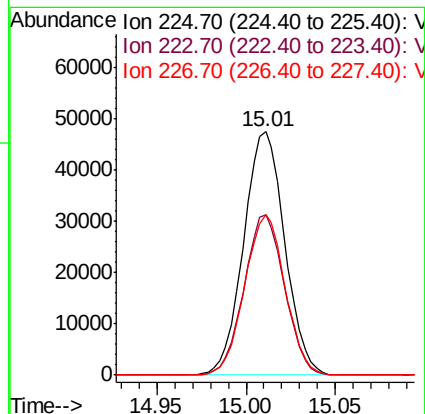
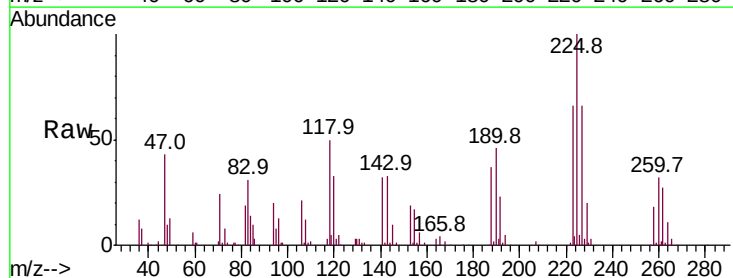
Instrument :
 MSVOA_N
 ClientSampleId :

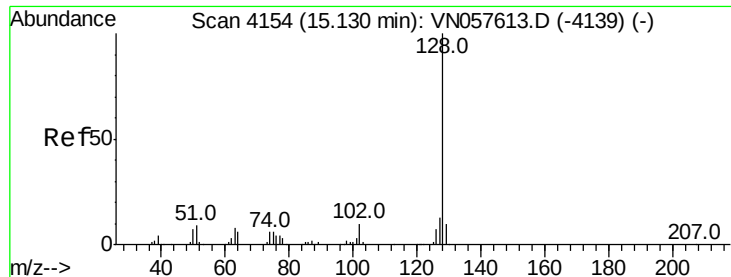
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	33.8	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 56.418 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057613.D
 Acq: 31 Aug 2019 14:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.3	96.8
227	64.8	32.4	97.2





#95

Naphthalene

Concen: 51.654 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

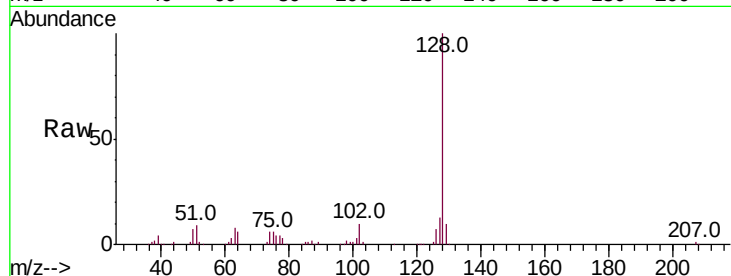
Tot Ion:128 Resp: 263844

Ion Ratio Lower Upper

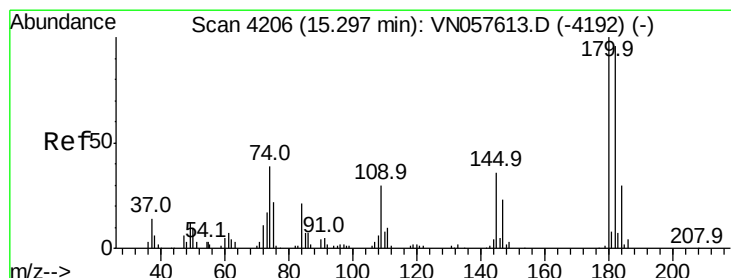
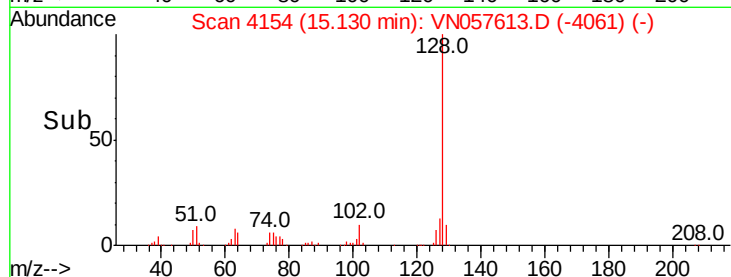
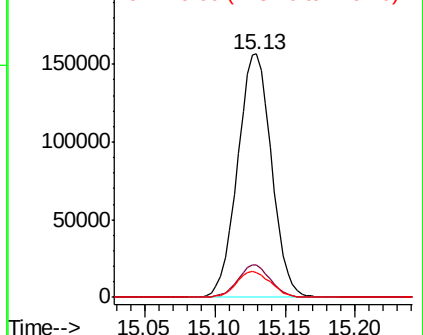
128 100

127 12.7 10.2 15.2

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.962 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057613.D

Acq: 31 Aug 2019 14:01

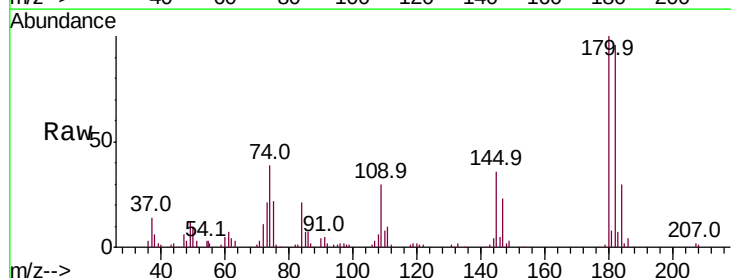
Tgt Ion:180 Resp: 88277

Ion Ratio Lower Upper

180 100

182 92.6 46.3 138.9

145 35.5 17.8 53.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

