

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058155.D
 Acq On : 18 Sep 2019 10:27
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 01:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	648263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	1072362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	494855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	455593	37.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.06%	
35) Dibromofluoromethane	7.58	113	334944	36.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.34%	
50) Toluene-d8	10.08	98	1335232	37.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.64%	
62) 4-Bromofluorobenzene	12.40	95	486301	35.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	243224	29.368	ug/l	100
3) Chloromethane	2.04	50	196891	23.461	ug/l	100
4) Vinyl Chloride	2.17	62	220410	24.843	ug/l	100
5) Bromomethane	2.54	94	113438	21.638	ug/l	100
6) Chloroethane	2.68	64	144294	25.387	ug/l	100
7) Trichlorofluoromethane	3.00	101	320053	28.358	ug/l	100
8) Diethyl Ether	3.39	74	155817	32.482	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	236657	32.817	ug/l	100
10) Methyl Iodide	3.93	142	210181	27.491	ug/l	100
11) Tert butyl alcohol	4.75	59	262648	179.494	ug/l	100
12) 1,1-Dichloroethene	3.72	96	191692	29.644	ug/l	100
13) Acrolein	3.58	56	39849	36.015	ug/l	100
14) Allyl chloride	4.30	41	397211	31.236	ug/l	100
15) Acrylonitrile	4.96	53	701921	170.798	ug/l	100
16) Acetone	3.79	43	698684	172.958	ug/l	100
17) Carbon Disulfide	4.03	76	256403	21.751	ug/l	100
18) Methyl Acetate	4.30	43	369789	34.204	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	946812	34.994	ug/l	100
20) Methylene Chloride	4.53	84	256411	29.202	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	209169	29.921	ug/l	100
22) Diisopropyl ether	5.93	45	1047933	35.143	ug/l	100
23) Vinyl Acetate	5.87	43	3822666	181.935	ug/l	100
24) 1,1-Dichloroethane	5.83	63	539974	33.180	ug/l	100
25) 2-Butanone	6.81	43	1029975	176.031	ug/l	100
26) 2,2-Dichloropropane	6.81	77	457827	35.450	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	310649	32.997	ug/l	100
28) Bromochloromethane	7.18	49	278655	34.286	ug/l	100
29) Tetrahydrofuran	7.19	42	612197	169.779	ug/l	100
30) Chloroform	7.36	83	580452	34.019	ug/l	100
31) Cyclohexane	7.64	56	365330	30.475	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	466862	34.526	ug/l	100
36) 1,1-Dichloropropene	7.78	75	350385	30.066	ug/l	100
37) Ethyl Acetate	6.91	43	398425	32.983	ug/l	100
38) Carbon Tetrachloride	7.76	117	369647	34.596	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	364413	29.820	ug/l	100
40) Benzene	8.03	78	1117193	31.841	ug/l	100
41) Methacrylonitrile	7.19	41	592145	108.107	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	469405	33.341	ug/l	100
43) Isopropyl Acetate	8.15	43	712786	35.075	ug/l	100
44) Trichloroethene	8.82	130	277184	32.118	ug/l	100
45) 1,2-Dichloropropane	9.11	63	345907	33.754	ug/l	100
46) Dibromomethane	9.20	93	207991	33.622	ug/l	100
47) Bromodichloromethane	9.39	83	454754	36.916	ug/l	100
48) Methyl methacrylate	9.19	41	342649	33.428	ug/l	100
49) 1,4-Dioxane	9.19	88	116033	666.161	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	2155219	181.252	ug/l	100
52) Toluene	10.15	92	715508	32.413	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	481652	37.206	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	518960	36.288	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	326167	34.838	ug/l	100
56) Ethyl methacrylate	10.43	69	496420	35.391	ug/l	100
57) 1,3-Dichloropropane	10.71	76	556934	34.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1253079	191.490	ug/l	100
59) 2-Hexanone	10.75	43	1589027	178.741	ug/l	100
60) Dibromochloromethane	10.90	129	334757	38.562	ug/l	100
61) 1,2-Dibromoethane	11.00	107	302861	34.309	ug/l	100
64) Tetrachloroethene	10.63	164	222416	32.364	ug/l	100
65) Chlorobenzene	11.43	112	828555	34.150	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	321555	38.098	ug/l	100
67) Ethyl Benzene	11.51	91	1493087	35.150	ug/l	100
68) m/p-Xylenes	11.62	106	1098680	70.637	ug/l	100
69) o-Xylene	11.95	106	543200	35.237	ug/l	100
70) Styrene	11.97	104	976315	36.807	ug/l	100
71) Bromoform	12.13	173	214568	40.929	ug/l #	100
73) Isopropylbenzene	12.25	105	1553330	41.884	ug/l	100
74) N-amyl acetate	12.07	43	675801	42.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	508721	40.765	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	624213	58.133	ug/l #	100
77) Bromobenzene	12.53	156	368611	39.652	ug/l	100
78) n-propylbenzene	12.59	91	1811275	42.594	ug/l	100
79) 2-Chlorotoluene	12.68	91	1084470	40.250	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1349044	43.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	137774	45.356	ug/l	100
82) 4-Chlorotoluene	12.78	91	1154731	41.728	ug/l	100
83) tert-Butylbenzene	13.00	119	1178203	42.268	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1348691	42.421	ug/l	100
85) sec-Butylbenzene	13.18	105	1590169	43.100	ug/l	100
86) p-Isopropyltoluene	13.29	119	1436819	44.258	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	703497	41.428	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	714622	41.316	ug/l	100
89) n-Butylbenzene	13.62	91	1366291	44.411	ug/l	100
90) Hexachloroethane	13.88	117	223930	46.119	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	715169	42.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	95483	46.133	ug/l	100

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QLast Update : Thu Sep 19 01:40:20 2019
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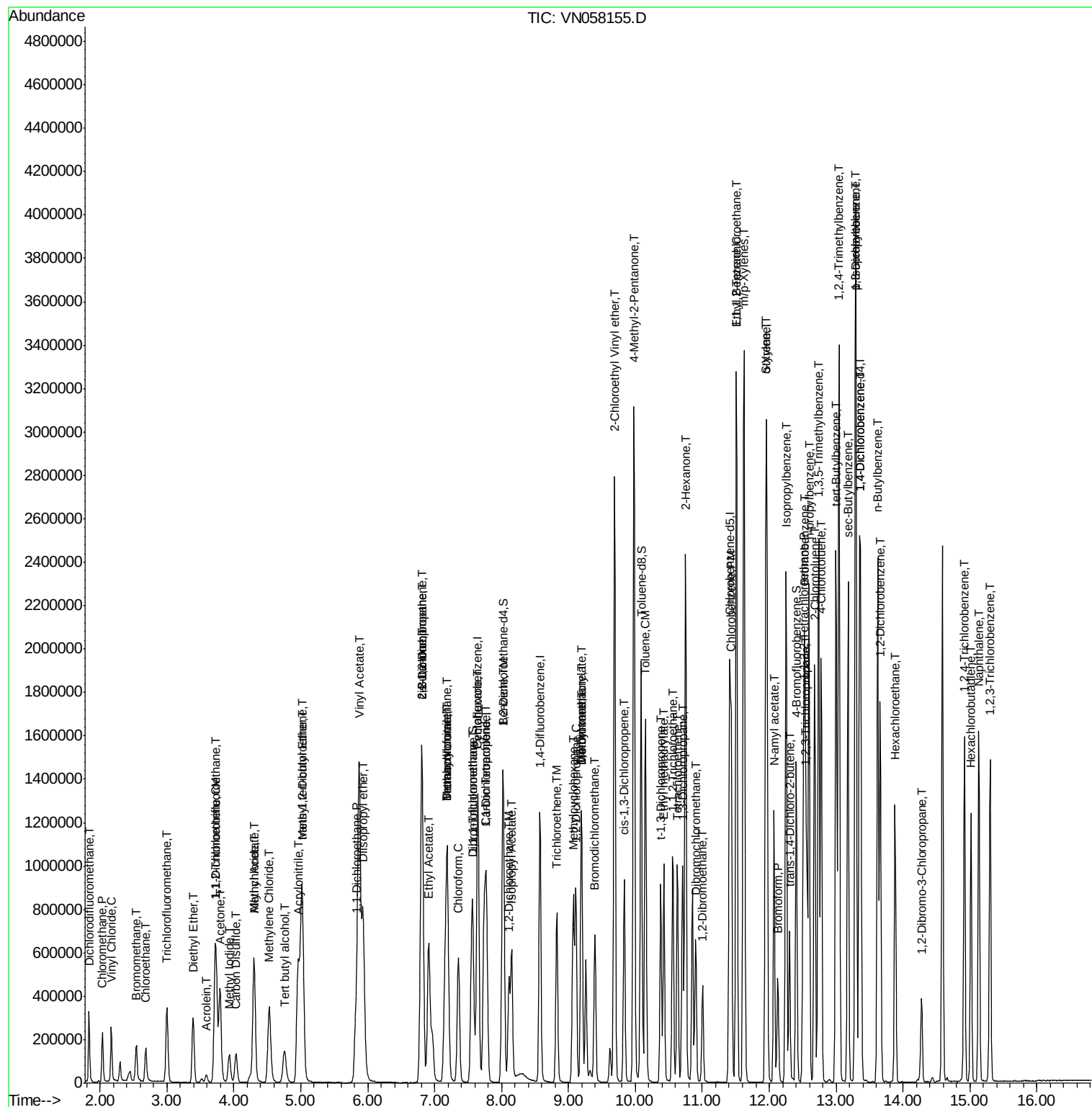
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	466458	41.500	ug/l	100
94) Hexachlorobutadiene	15.01	225	216304	44.882	ug/l	100
95) Naphthalene	15.13	128	1287018	39.964	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	447500	40.703	ug/l	100

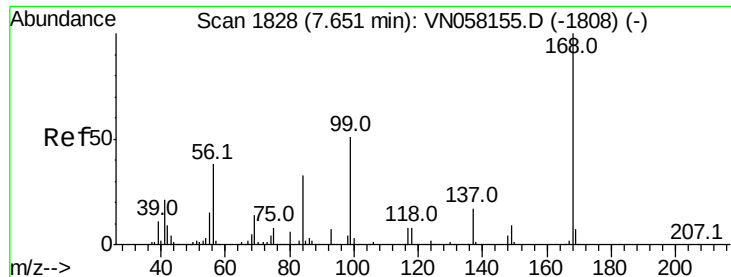
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058155.D

Acq: 18 Sep 2019 10:27

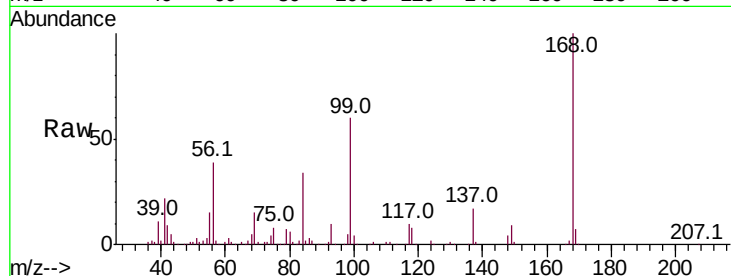
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 648263

Ion Ratio Lower Upper

168 100

99 59.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

300000

250000

200000

150000

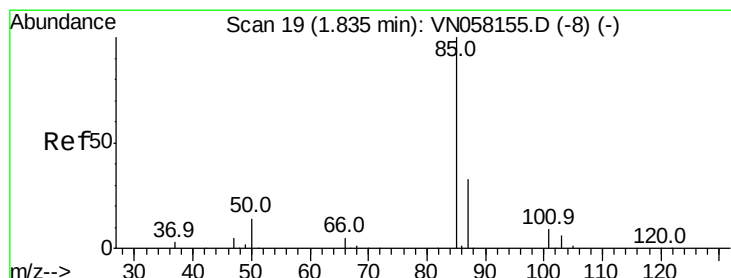
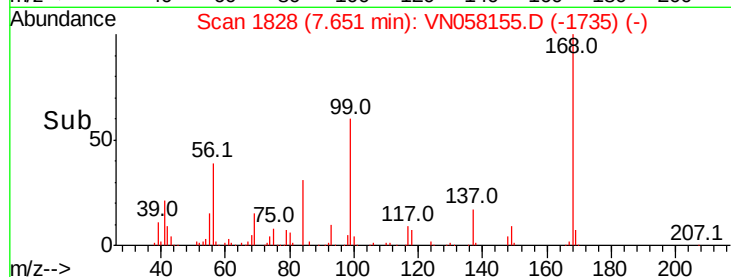
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 29.368 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058155.D

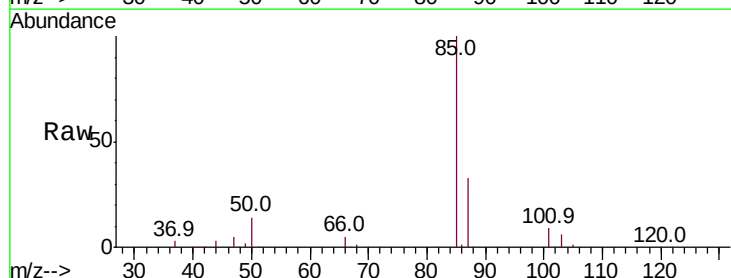
Acq: 18 Sep 2019 10:27

Tgt Ion: 85 Resp: 243224

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

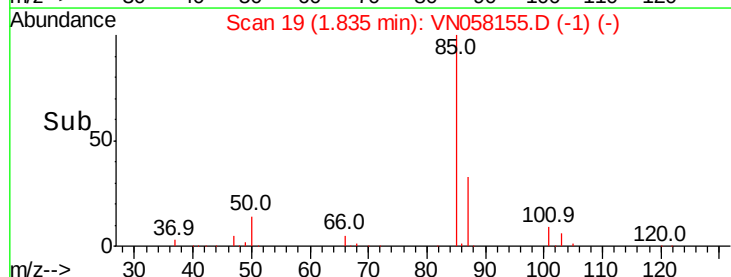
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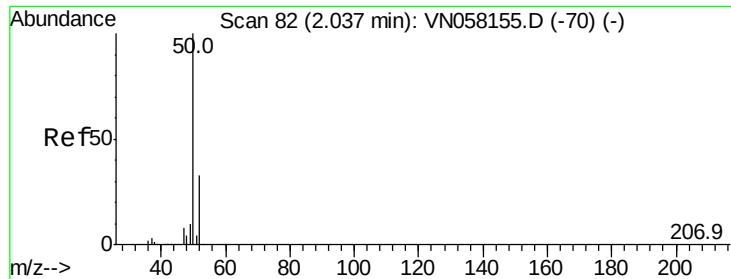
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 23.461 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

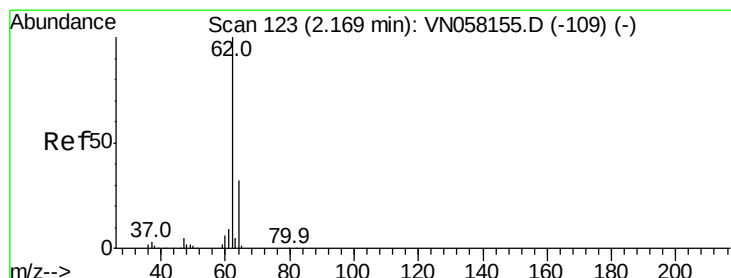
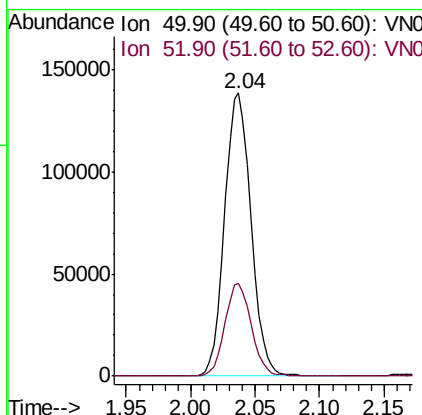
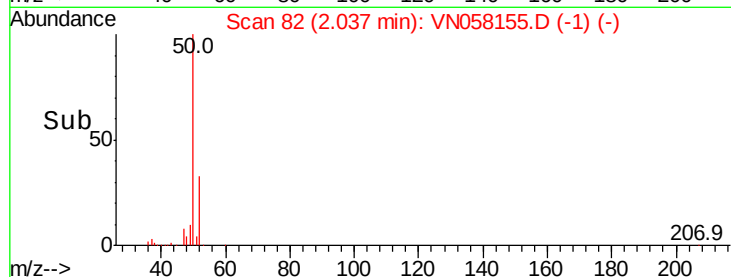
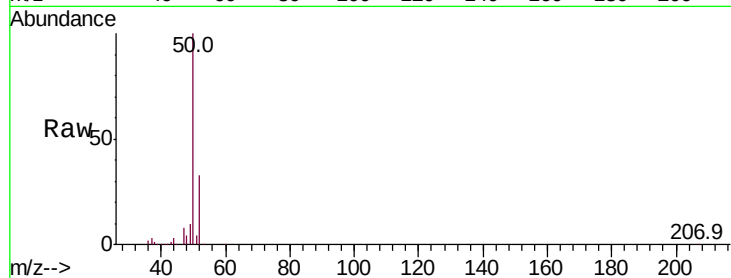
ClientSampled :

Tot Ion: 50 Resp: 196891

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 24.843 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058155.D

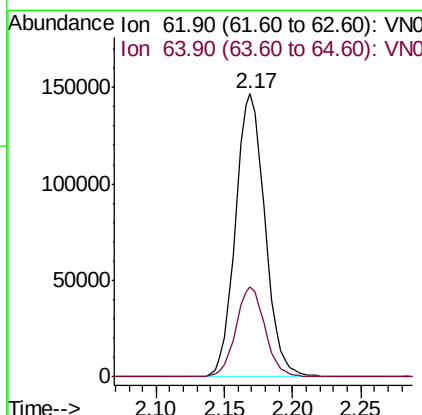
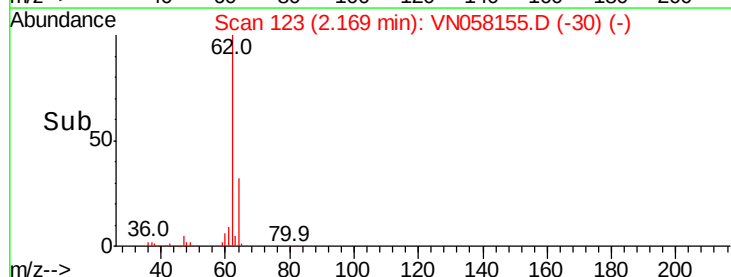
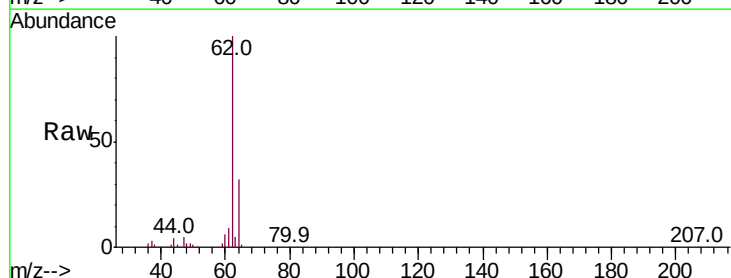
Acq: 18 Sep 2019 10:27

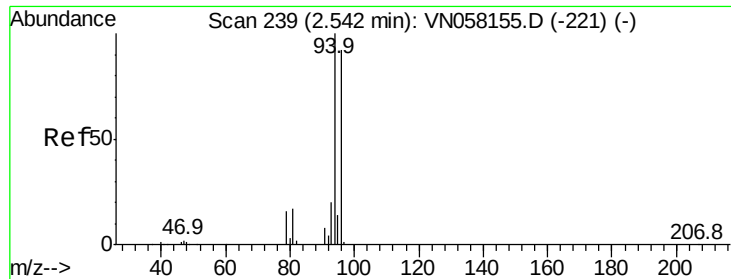
Tgt Ion: 62 Resp: 220410

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2

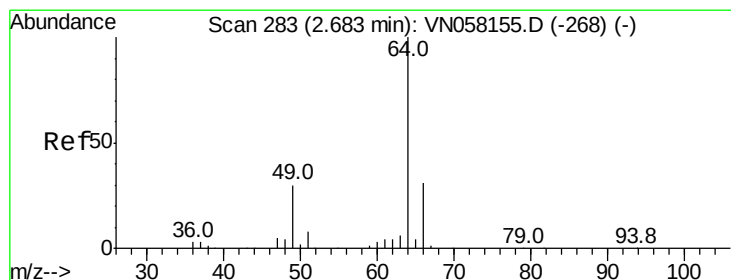
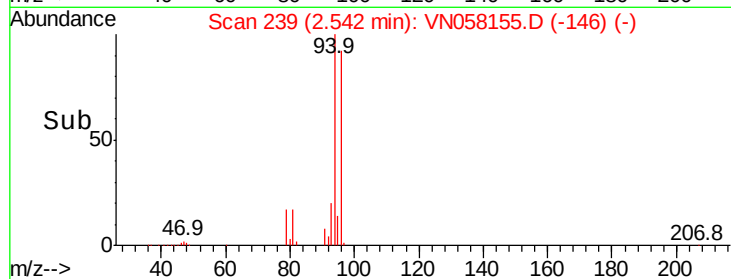
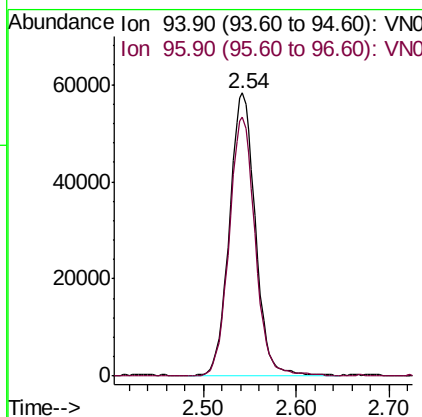
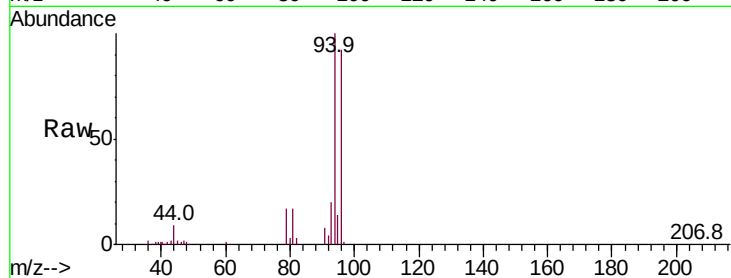




#5
Bromomethane
Concen: 21.638 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

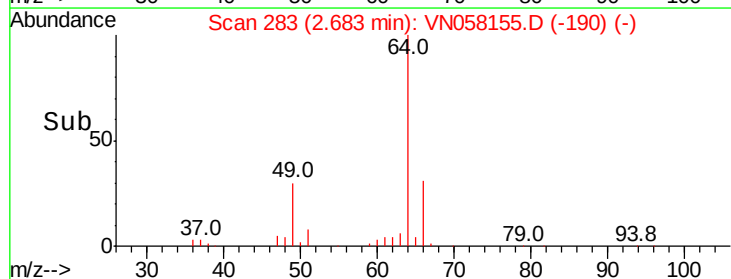
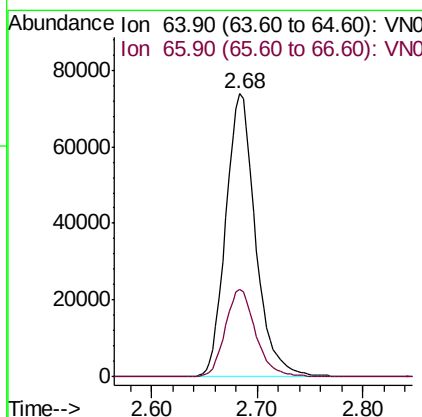
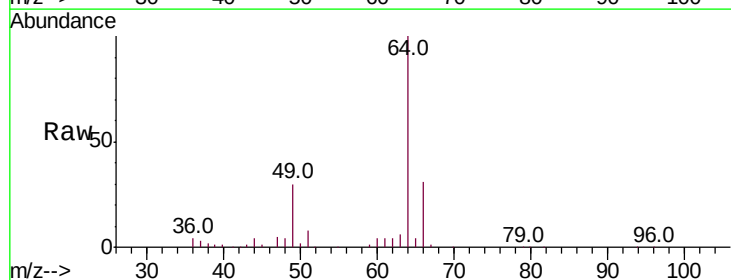
Instrument :
MSVOA_N
ClientSampled :

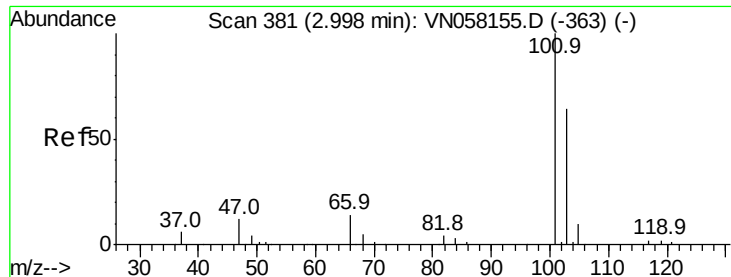
Tot Ion: 94 Resp: 113438
Ion Ratio Lower Upper
94 100
96 91.6 73.3 109.9



#6
Chloroethane
Concen: 25.387 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 64 Resp: 144294
Ion Ratio Lower Upper
64 100
66 30.8 24.6 37.0



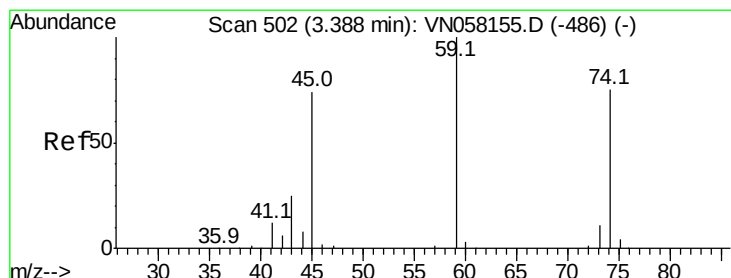
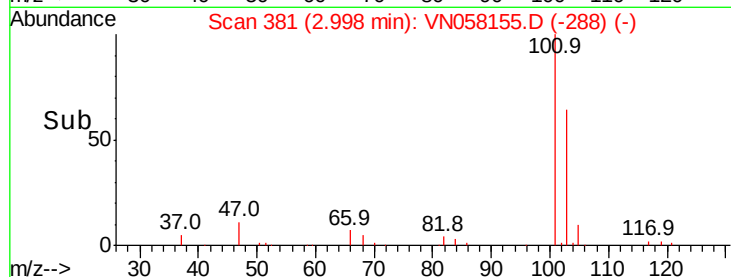
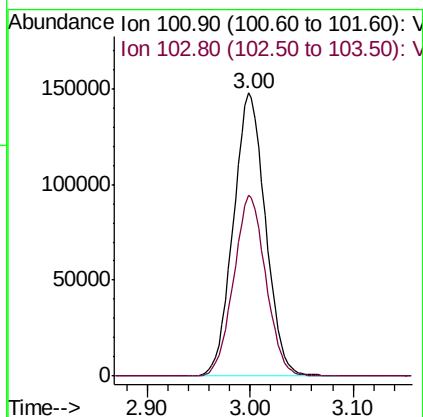
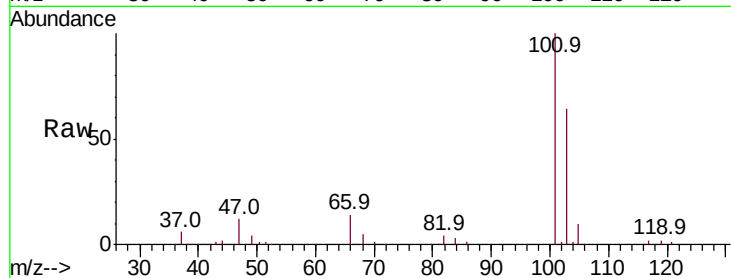


#7

Trichlorofluoromethane
Concen: 28.358 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

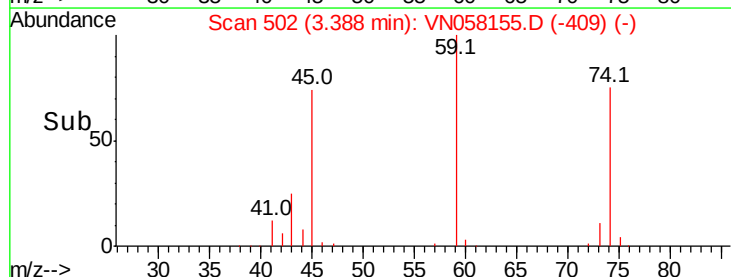
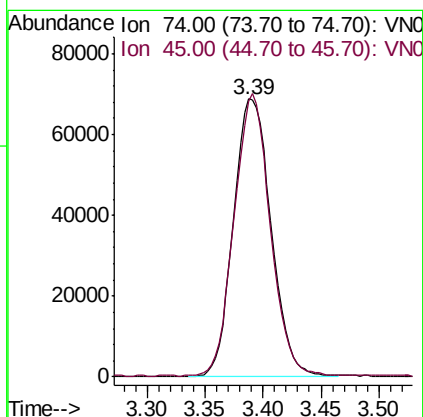
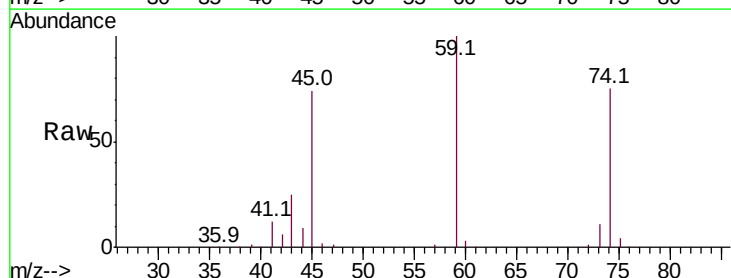
Tot Ion:101 Resp: 320053
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

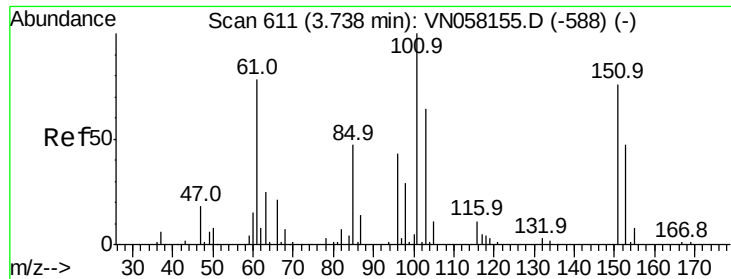


#8

Diethyl Ether
Concen: 32.482 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 74 Resp: 155817
Ion Ratio Lower Upper
74 100
45 97.0 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.817 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

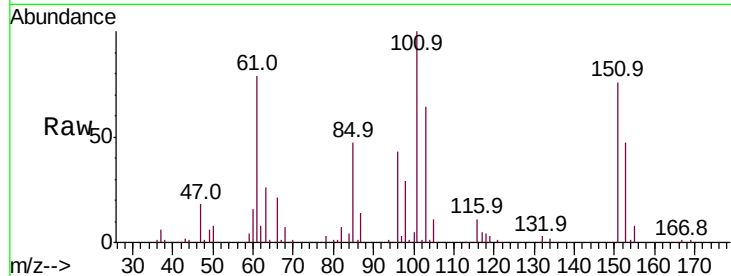
Tot Ion:101 Resp: 236657

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

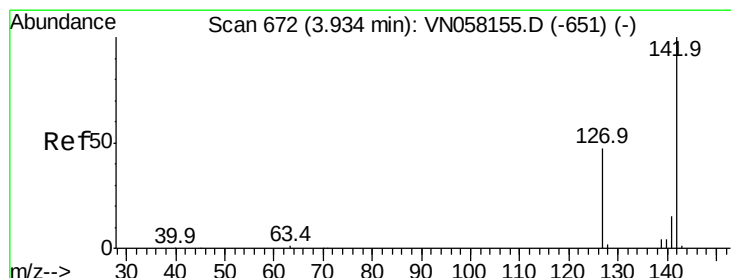
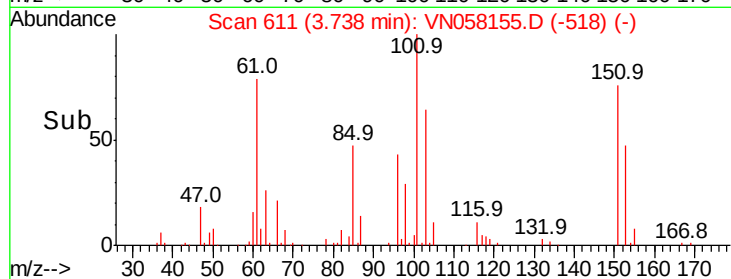
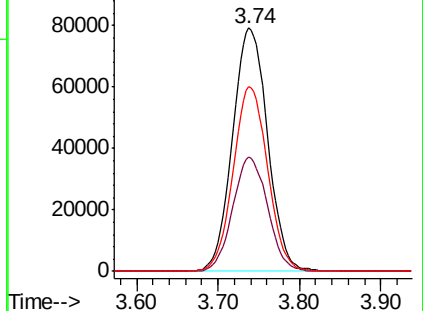
151 74.5 59.6 89.4



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: 27.491 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

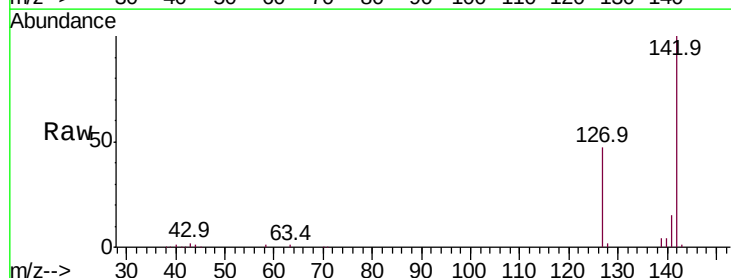
Tgt Ion:142 Resp: 210181

Ion Ratio Lower Upper

142 100

127 46.9 37.5 56.3

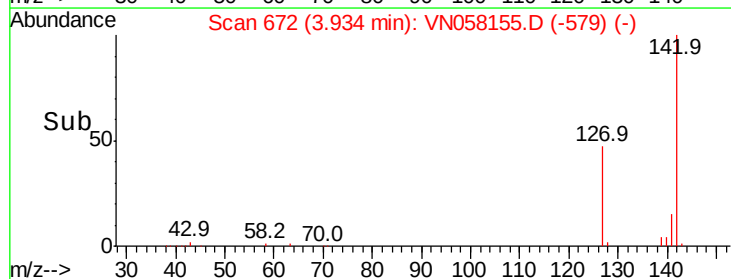
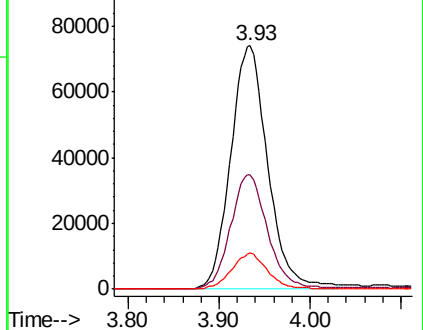
141 14.3 11.4 17.2

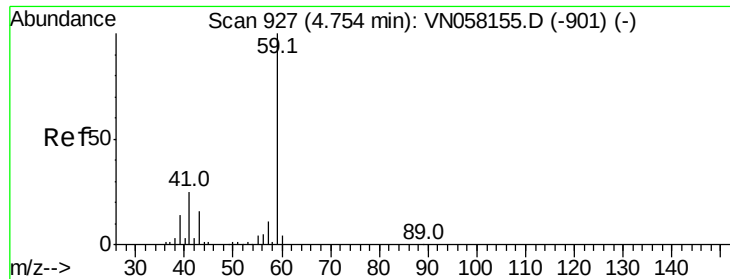


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

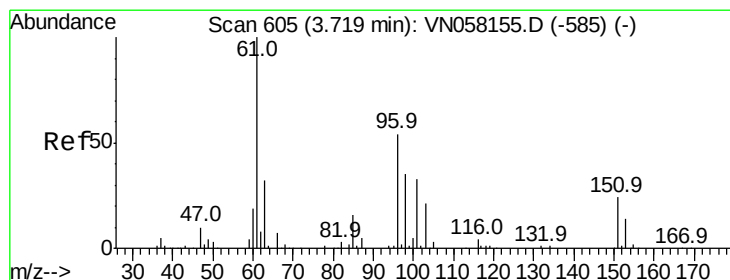
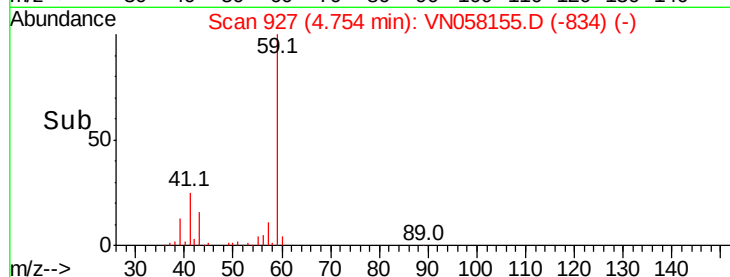
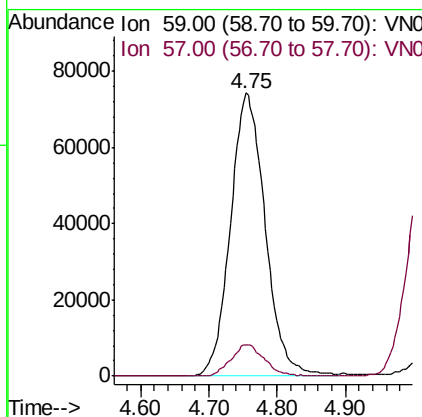
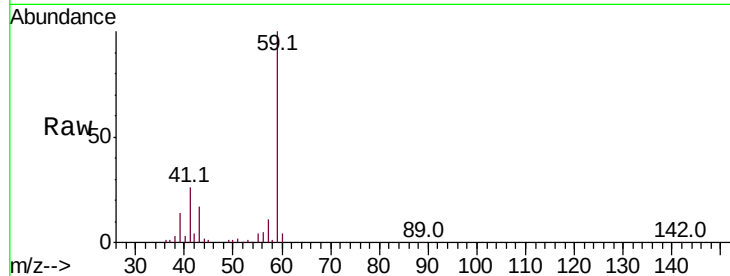




#11
Tert butyl alcohol
Concen: 179.494 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

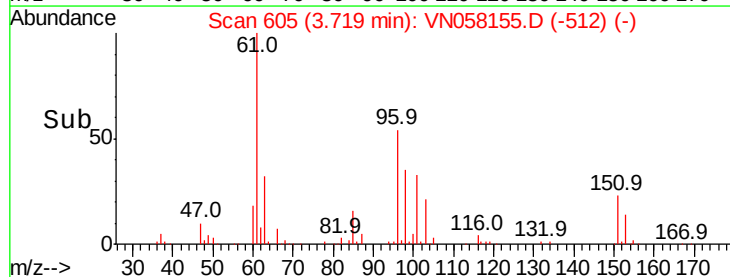
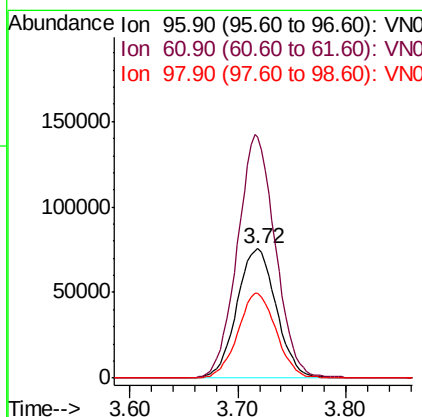
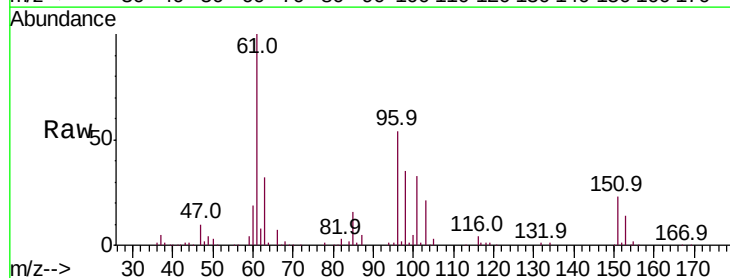
Instrument :
MSVOA_N
ClientSampled :

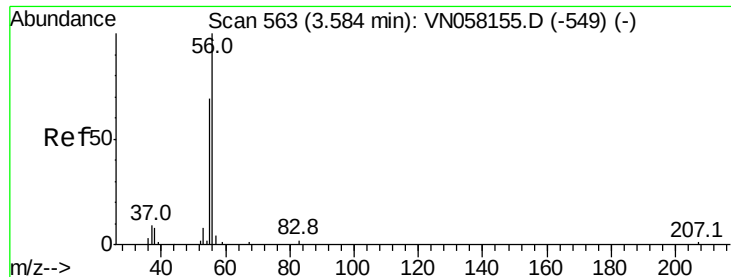
Tot Ion: 59 Resp: 262648
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 29.644 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 96 Resp: 191692
Ion Ratio Lower Upper
96 100
61 186.9 149.5 224.3
98 65.5 52.4 78.6





#13

Acrolein

Concen: 36.015 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

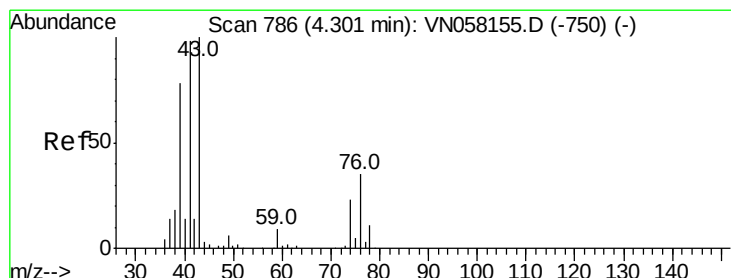
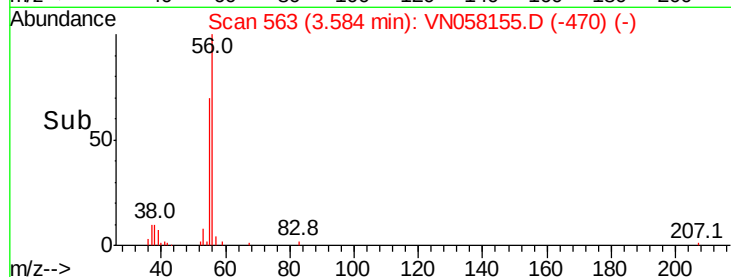
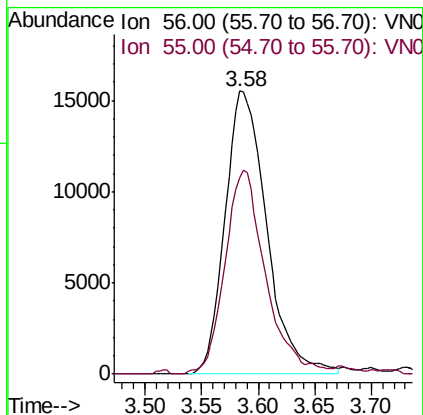
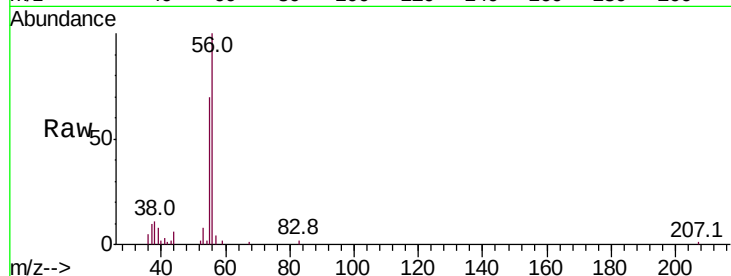
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 39849

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



#14

Allyl chloride

Concen: 31.236 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

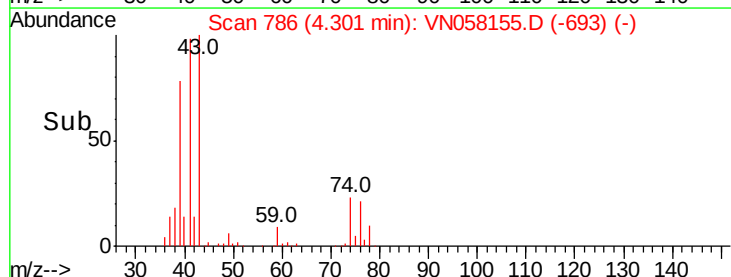
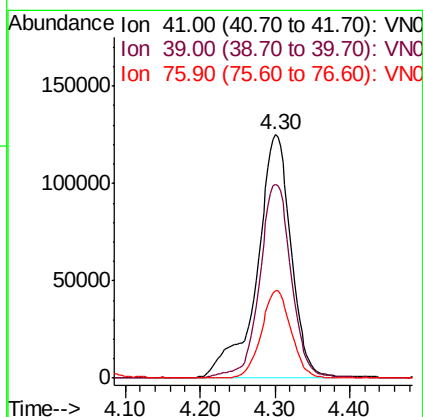
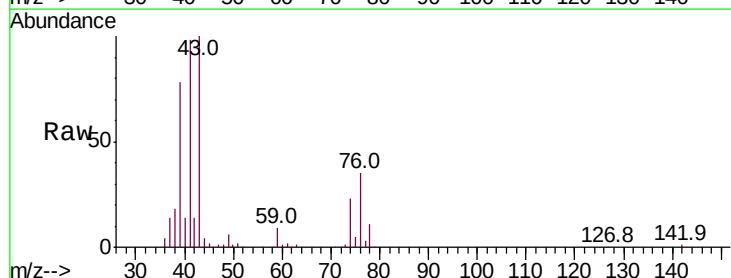
Tgt Ion: 41 Resp: 397211

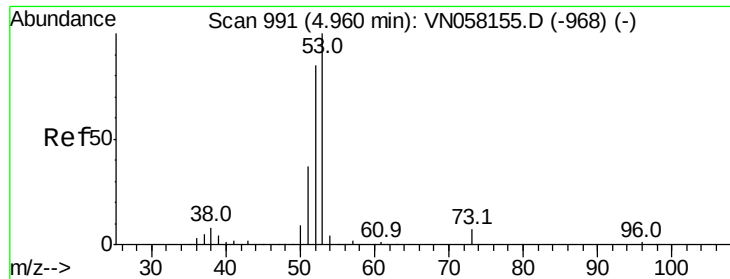
Ion Ratio Lower Upper

41 100

39 73.9 59.1 88.7

76 31.4 25.1 37.7





#15

Acrylonitrile

Concen: 170.798 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

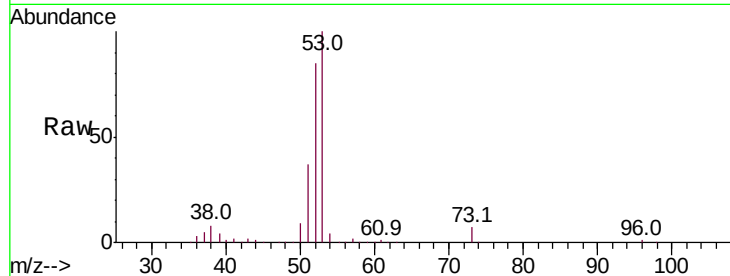
Tot Ion: 53 Resp: 701921

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

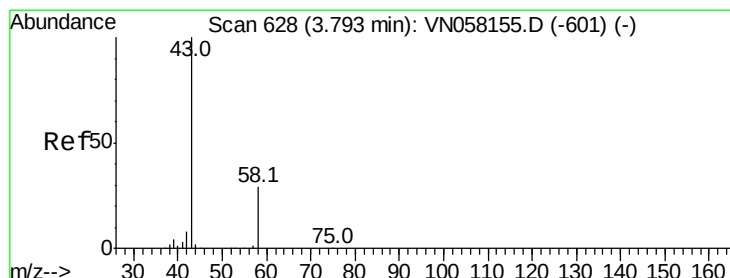
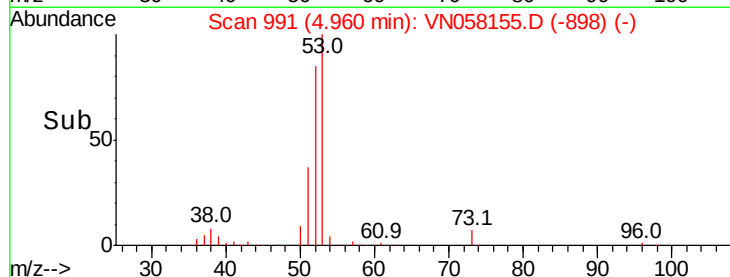
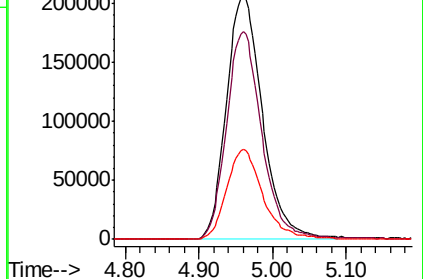
51 37.1 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 172.958 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058155.D

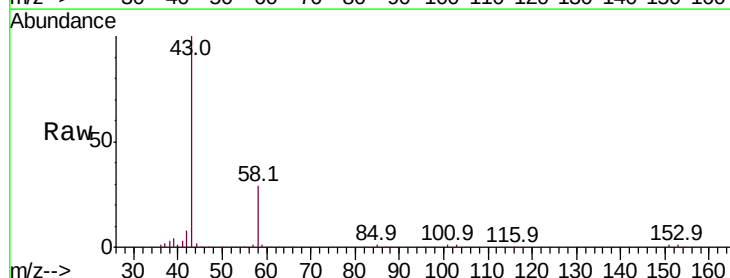
Acq: 18 Sep 2019 10:27

Tgt Ion: 43 Resp: 698684

Ion Ratio Lower Upper

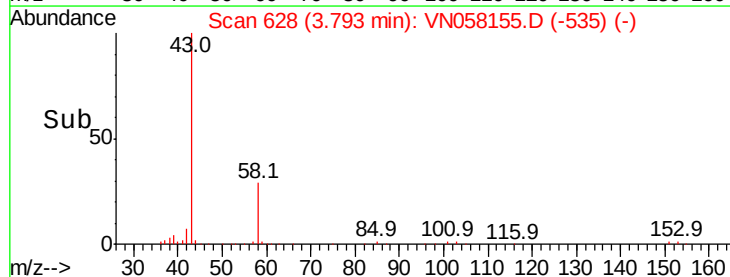
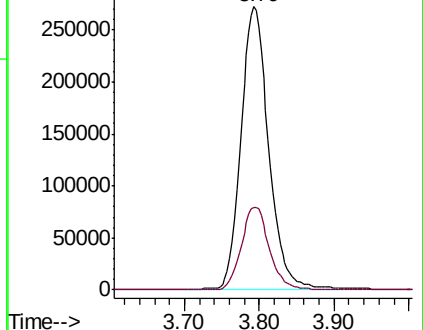
43 100

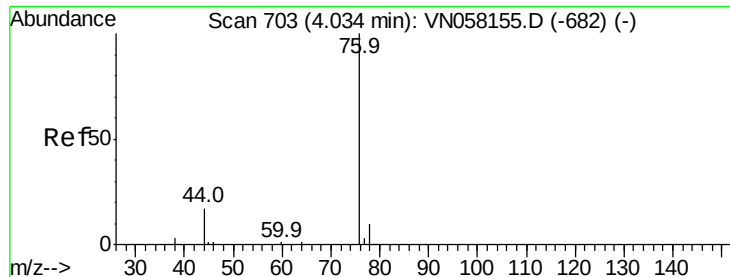
58 29.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

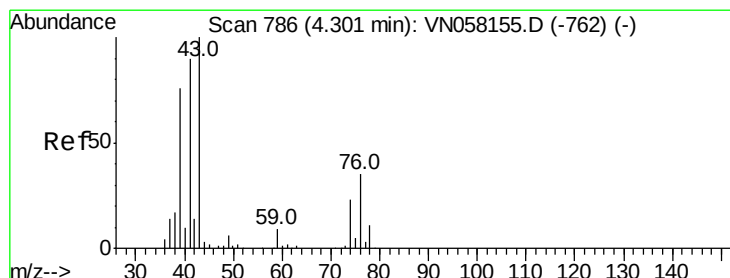
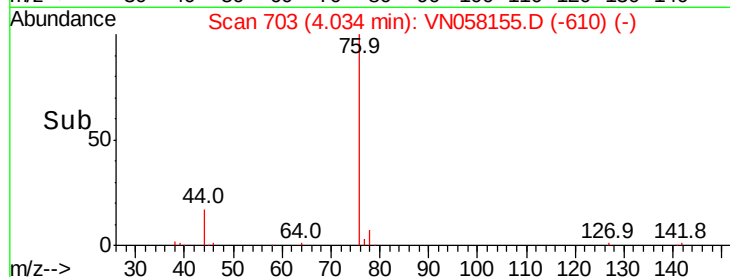
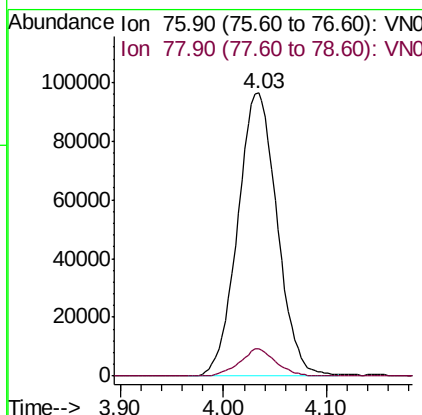
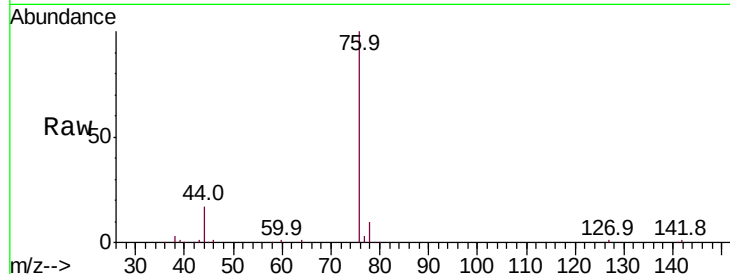




#17
Carbon Disulfide
Concen: 21.751 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

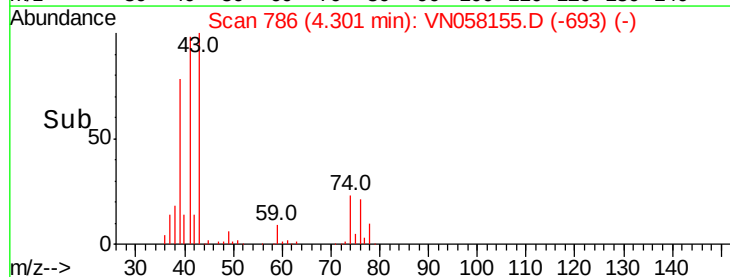
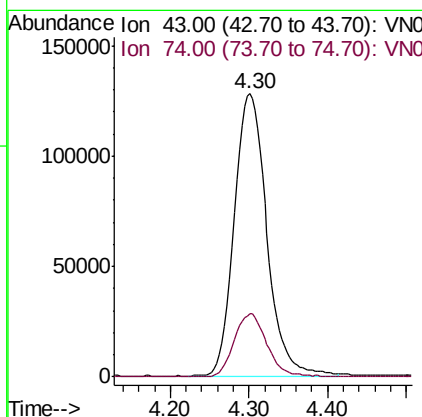
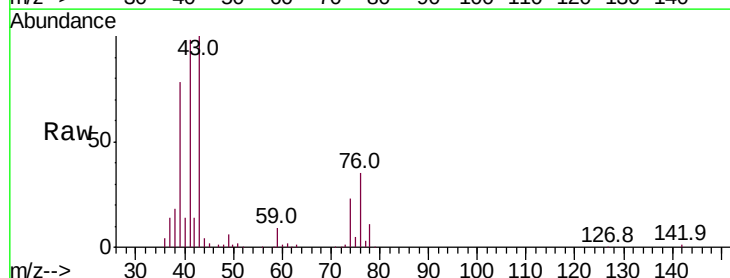
Instrument :
MSVOA_N
ClientSampled :

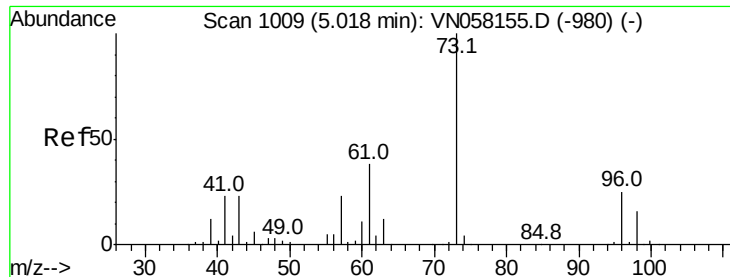
Tot Ion: 76 Resp: 256403
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: 34.204 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 43 Resp: 369789
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0

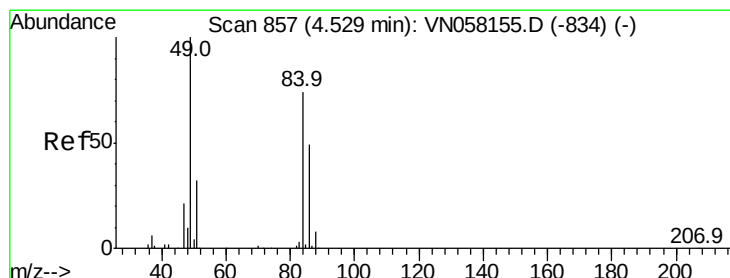
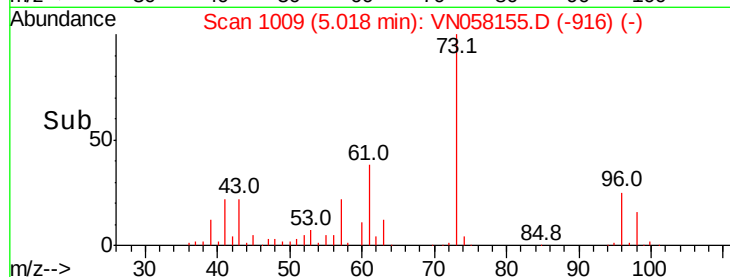
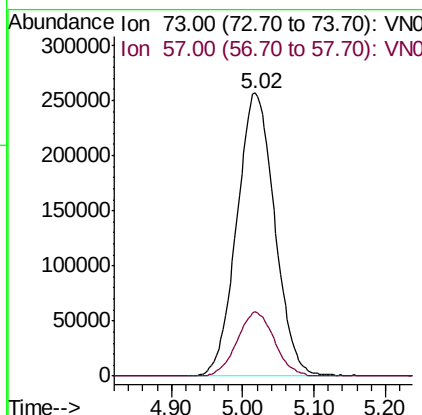
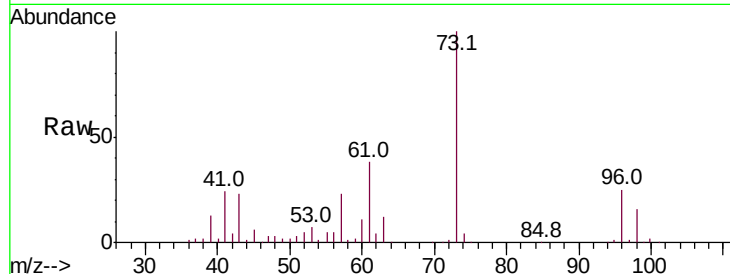




#19
Methyl tert-butyl Ether
Concen: 34.994 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

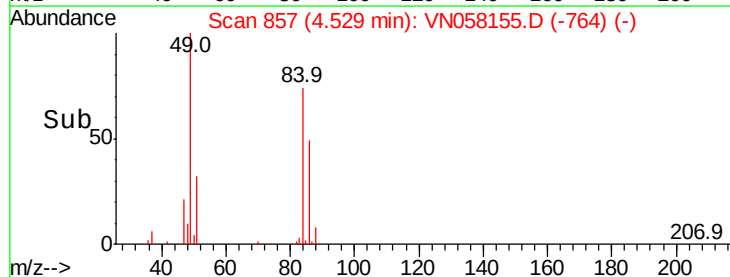
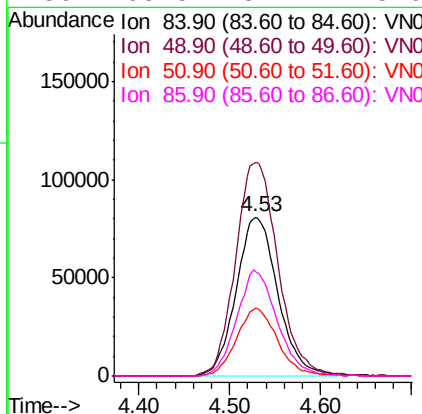
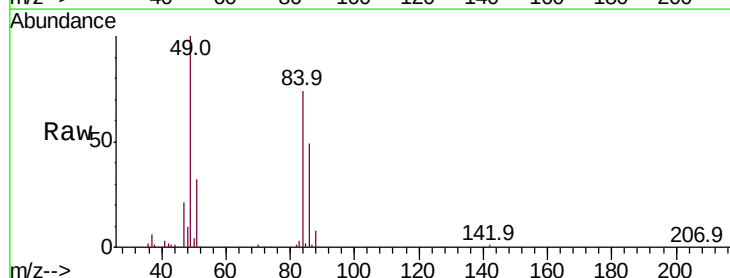
Instrument :
MSVOA_N
ClientSampled :

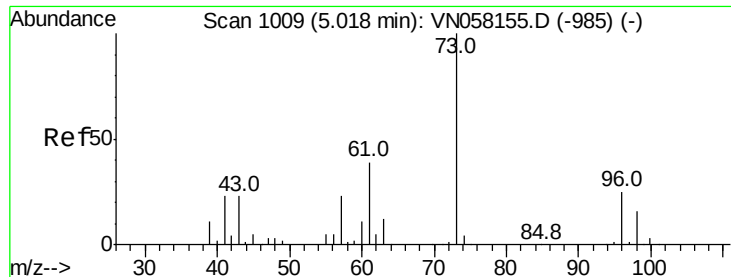
Tot Ion: 73 Resp: 946812
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 29.202 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 84 Resp: 256411
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 42.4 33.9 50.9
86 65.5 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 29.921 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

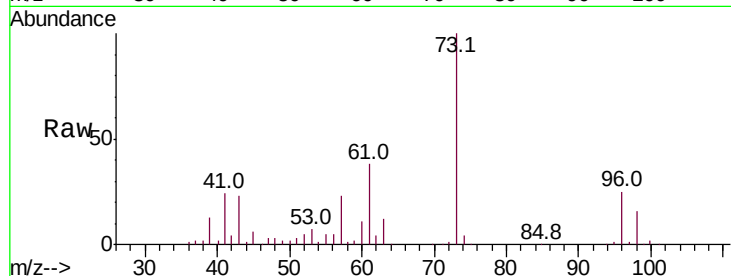
Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 209169

Ion	Ratio	Lower	Upper
96	100		
61	152.8	122.2	183.4
98	62.4	49.9	74.9

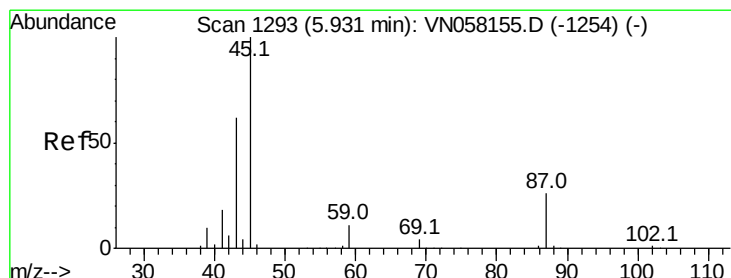
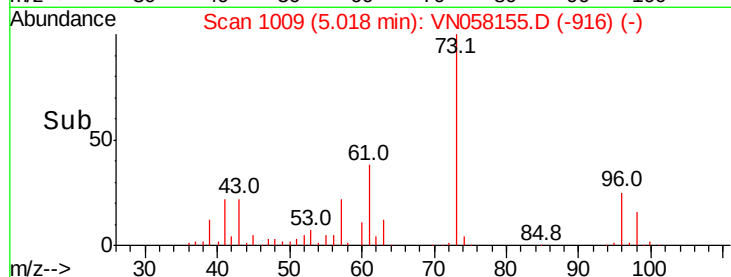
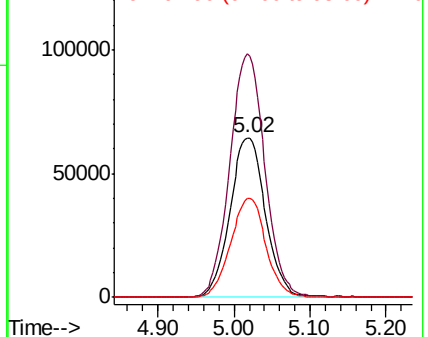


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 35.143 ug/l

RT: 5.93 min Scan# 1293

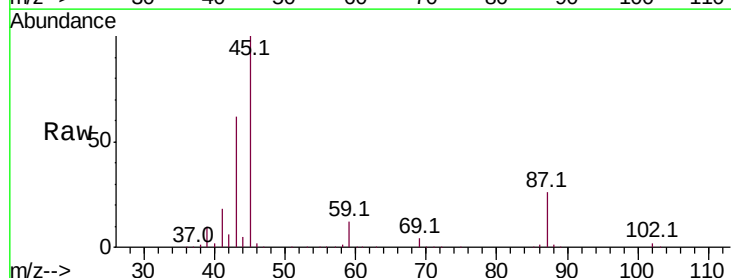
Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Tgt Ion: 45 Resp: 1047933

Ion	Ratio	Lower	Upper
45	100		
43	62.1	49.7	74.5
87	25.9	20.7	31.1
59	11.4	9.1	13.7



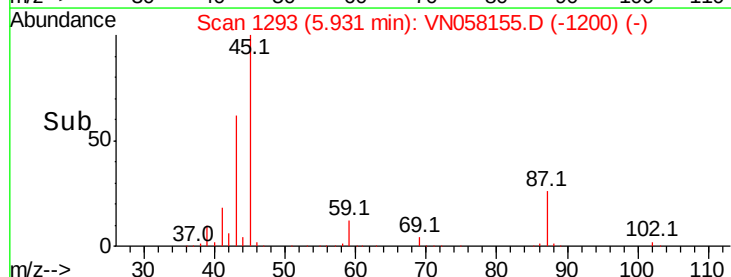
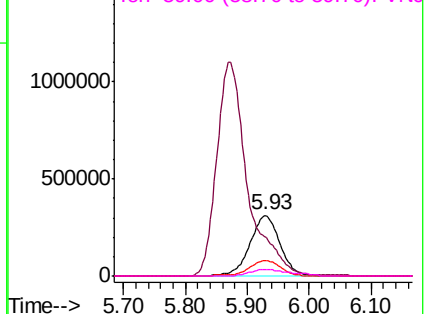
Abundance

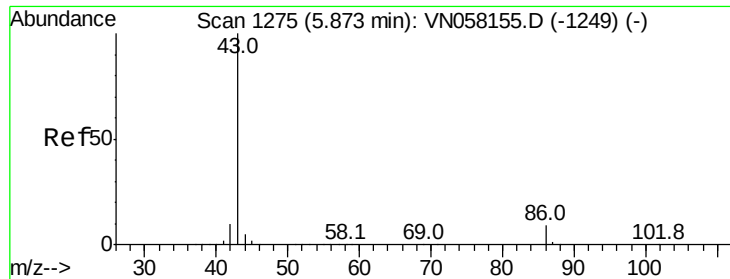
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

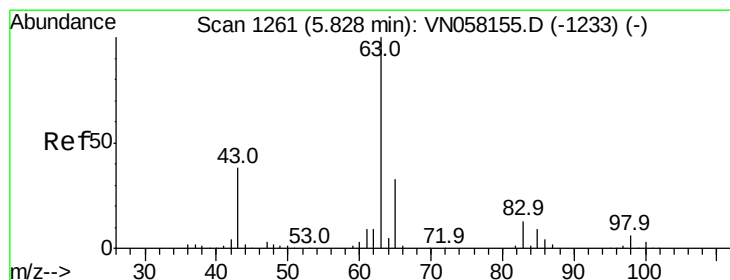
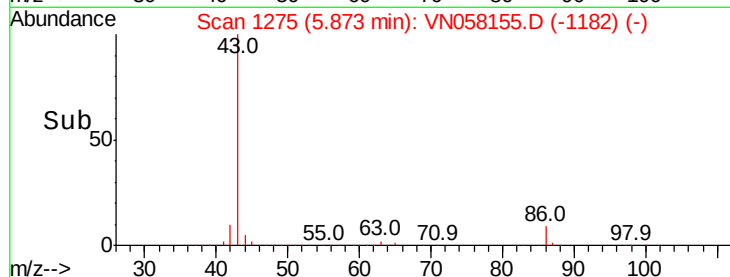
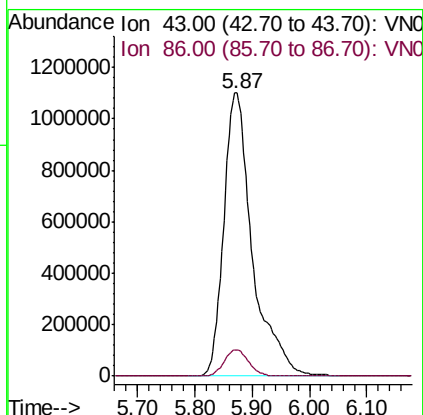
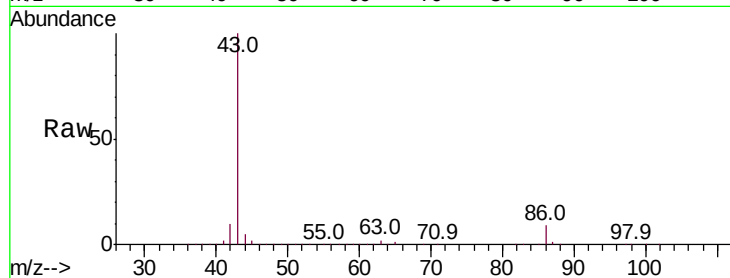




#23
 Vinyl Acetate
 Concen: 181.935 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

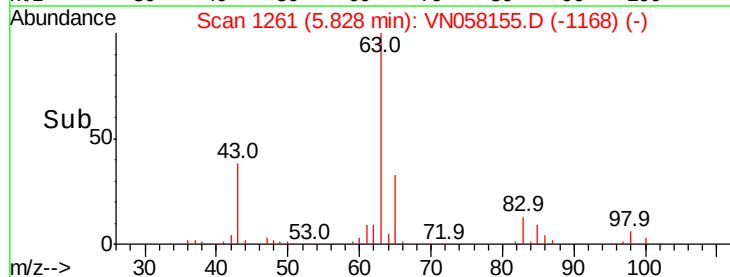
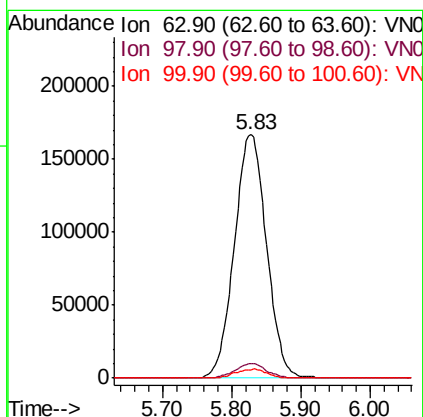
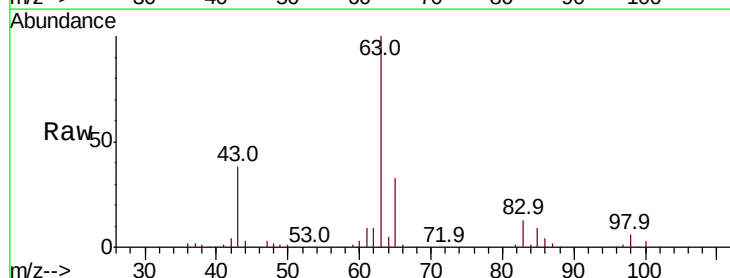
Instrument :
 MSVOA_N
 ClientSampled :

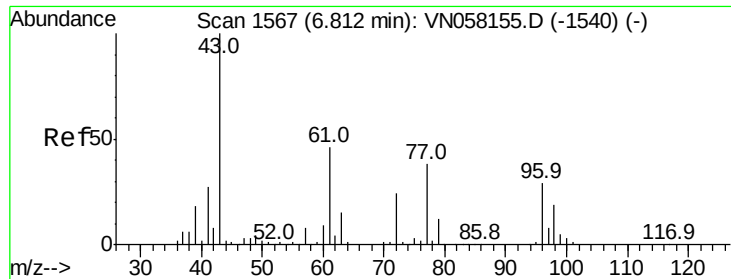
Tot Ion: 43 Resp: 3822666
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 33.180 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion: 63 Resp: 539974
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 3.5 1.8 5.3





#25

2-Butanone

Concen: 176.031 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

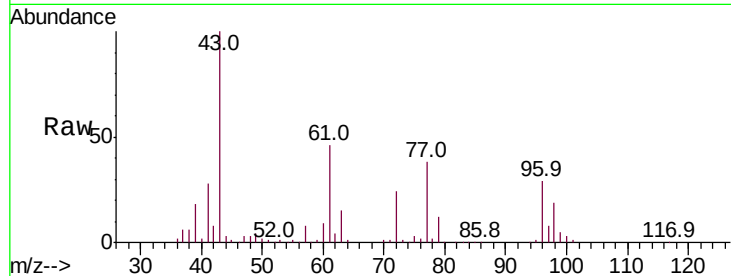
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1029975

Ion Ratio Lower Upper

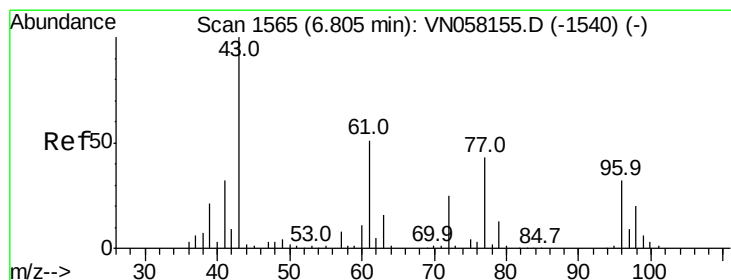
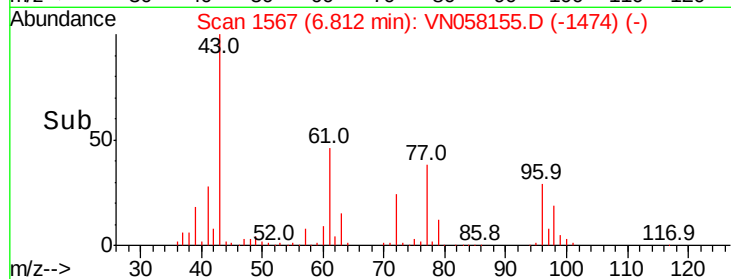
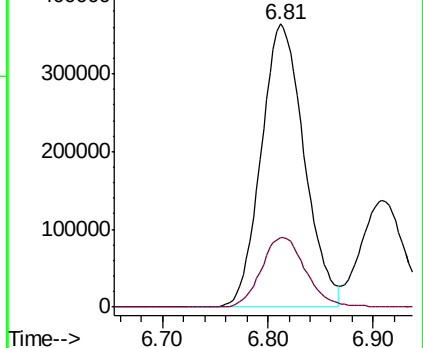
43 100

72 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 35.450 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058155.D

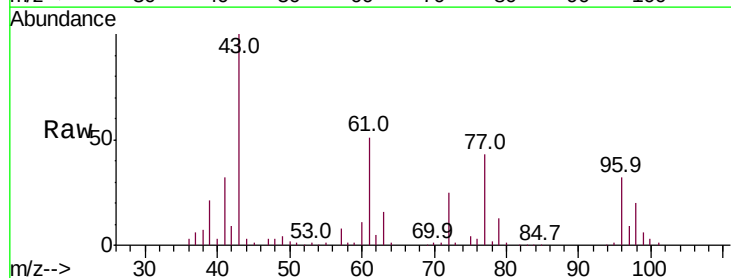
Acq: 18 Sep 2019 10:27

Tgt Ion: 77 Resp: 457827

Ion Ratio Lower Upper

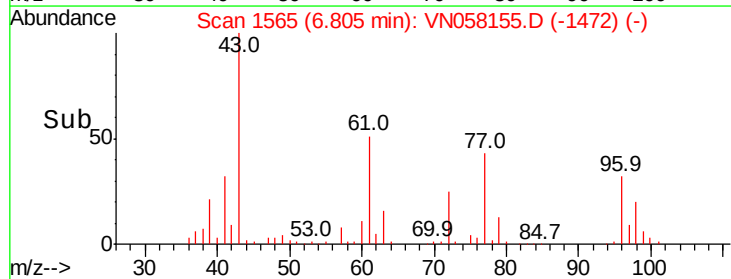
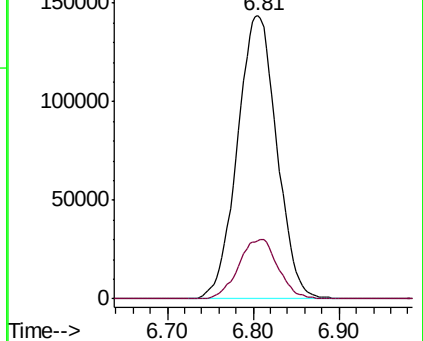
77 100

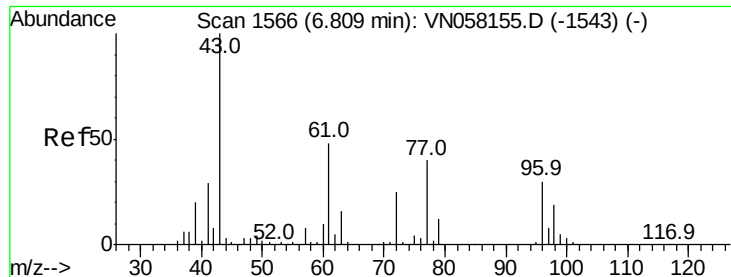
97 21.1 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 32.997 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

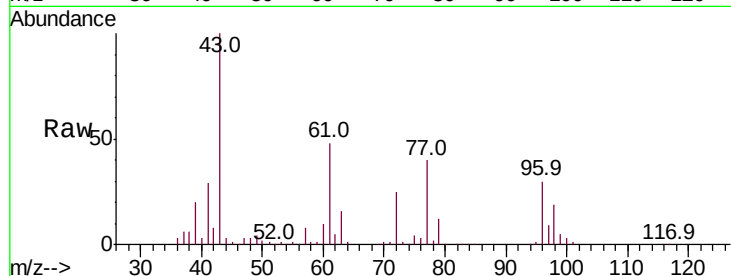
Tot Ion: 96 Resp: 310649

Ion Ratio Lower Upper

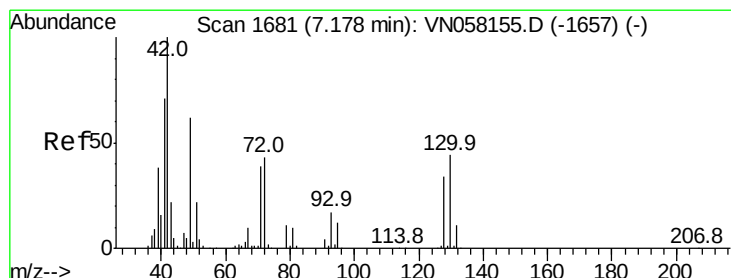
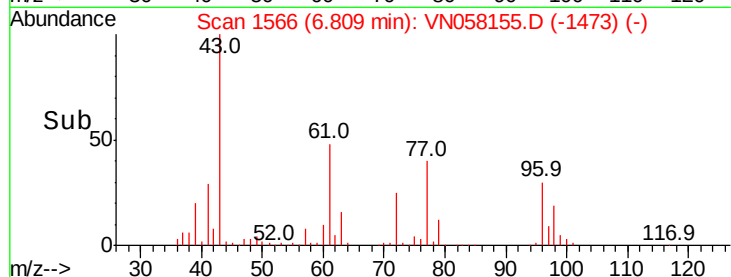
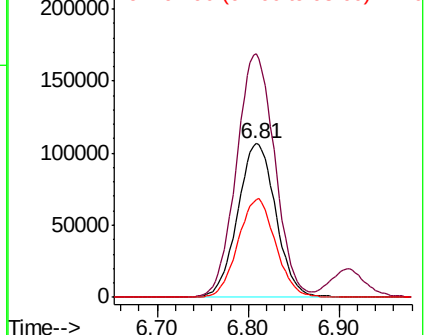
96 100

61 159.5 0.0 319.0

98 63.3 0.0 126.6



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



#28

Bromochloromethane

Concen: 34.286 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

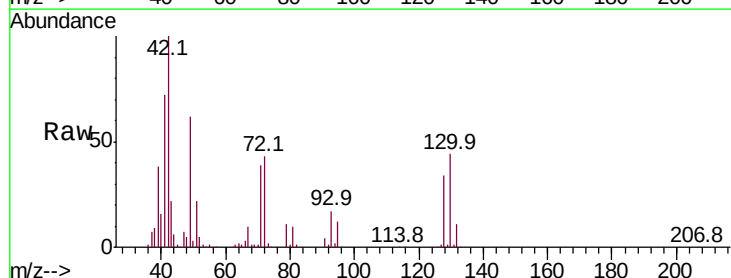
Tgt Ion: 49 Resp: 278655

Ion Ratio Lower Upper

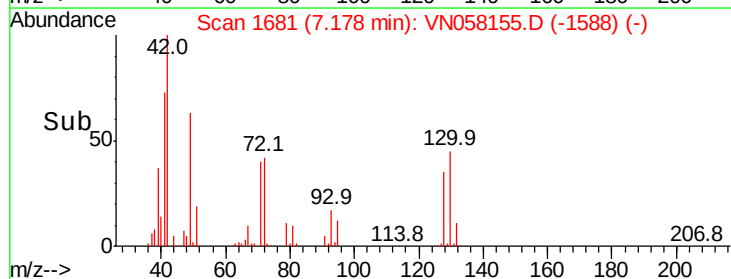
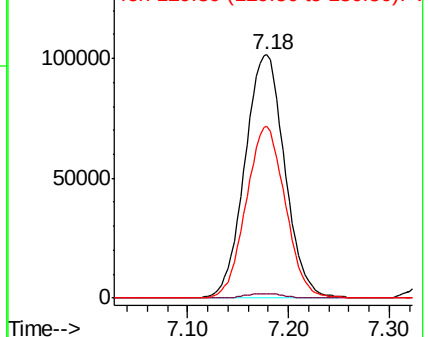
49 100

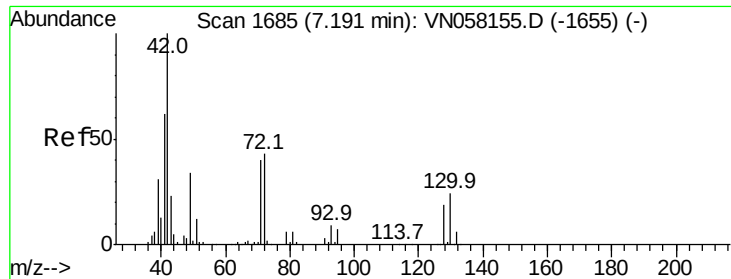
129 0.9 0.0 1.8

130 69.3 55.4 83.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

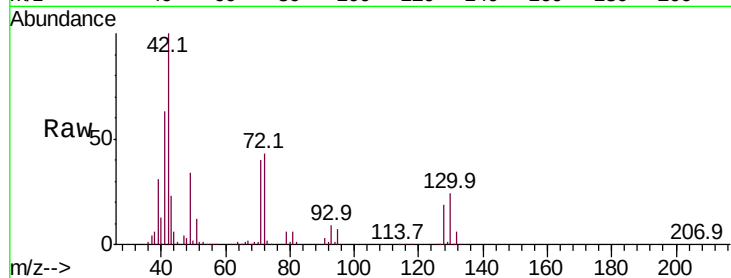




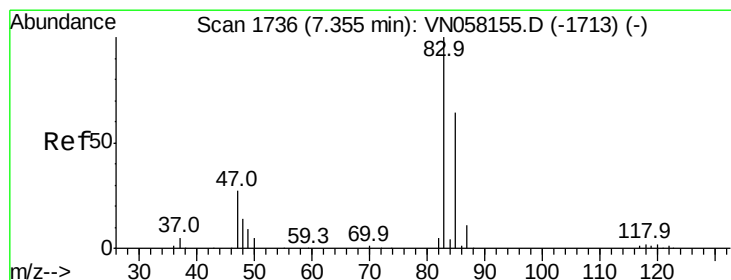
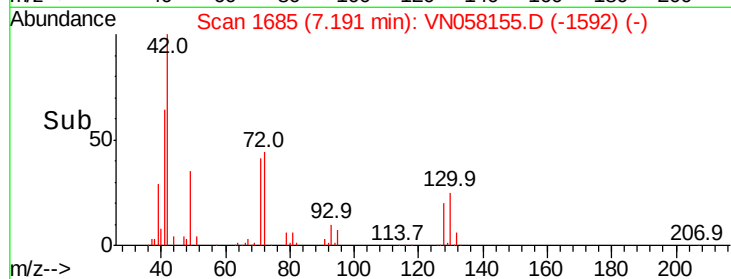
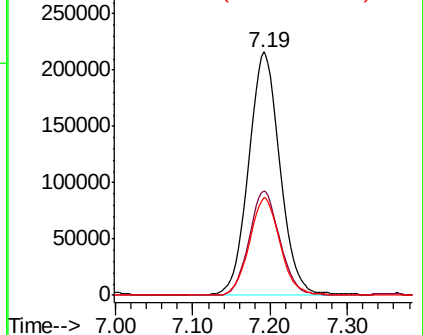
#29
Tetrahydrofuran
Concen: 169.779 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.6
71	39.2	31.4	47.0

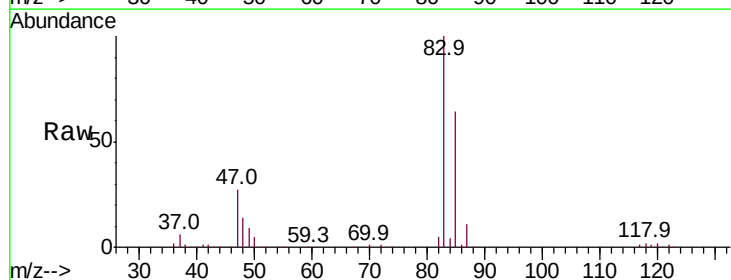


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

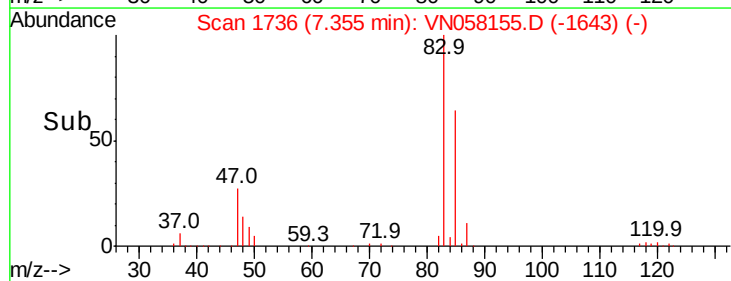
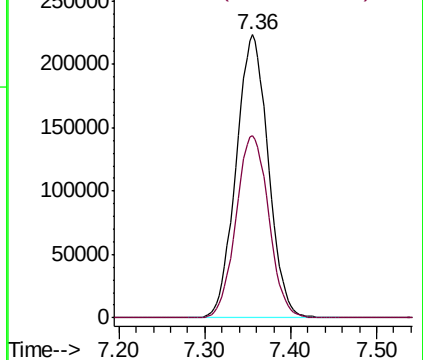


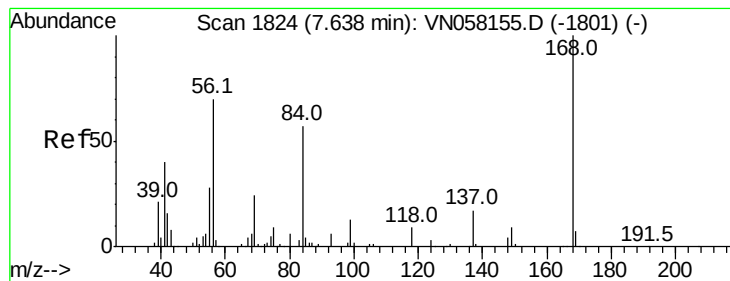
#30
Chloroform
Concen: 34.019 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2



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





#31

Cyclohexane

Concen: 30.475 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

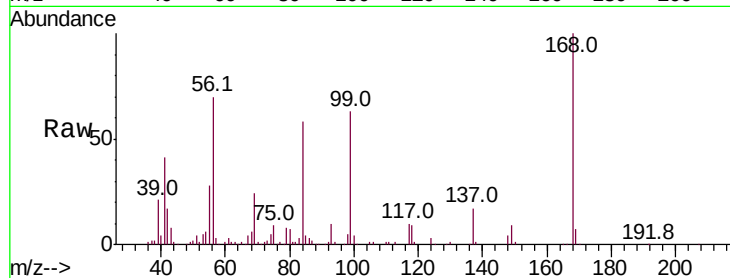
Tot Ion: 56 Resp: 365330

Ion Ratio Lower Upper

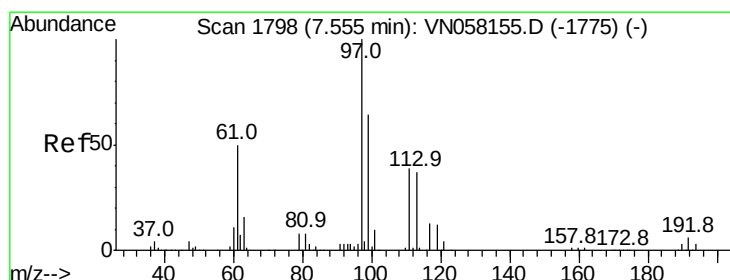
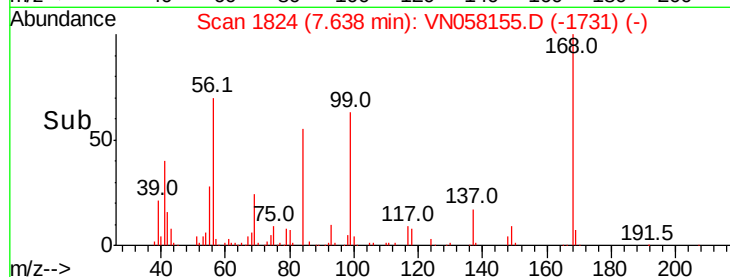
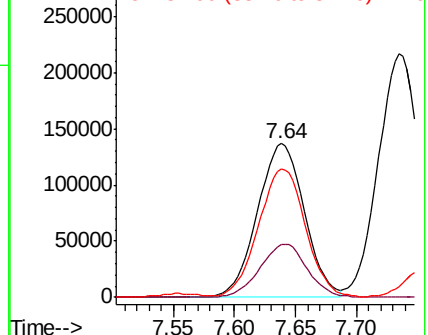
56 100

69 34.1 27.3 40.9

84 81.2 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 34.526 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

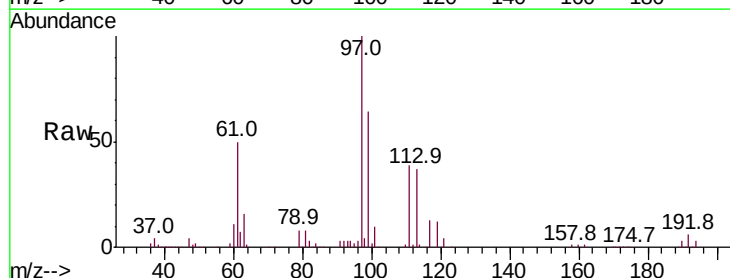
Tgt Ion: 97 Resp: 466862

Ion Ratio Lower Upper

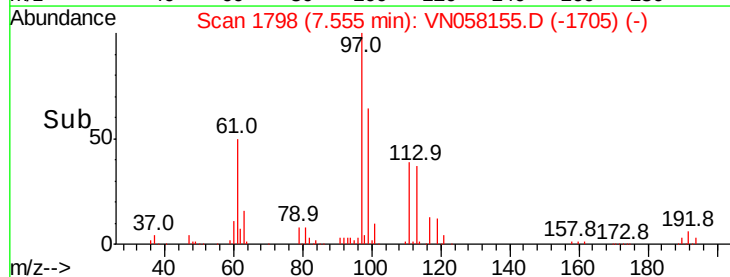
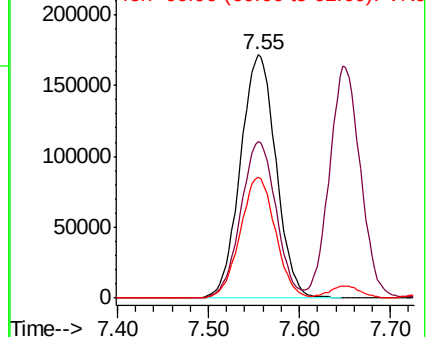
97 100

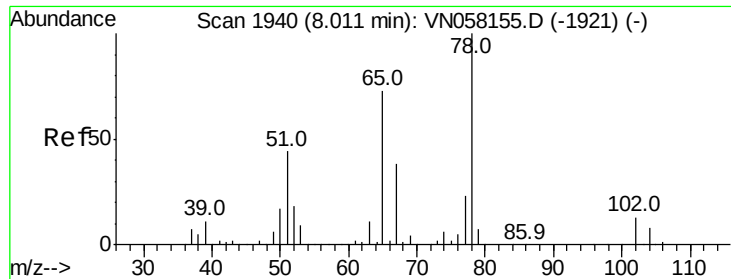
99 63.6 50.9 76.3

61 49.0 39.2 58.8



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

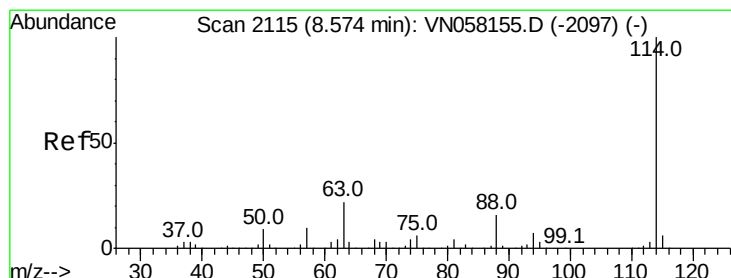
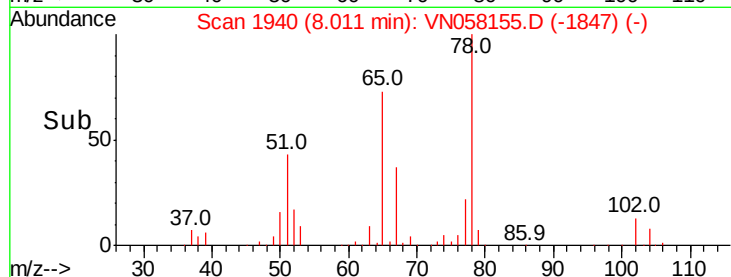
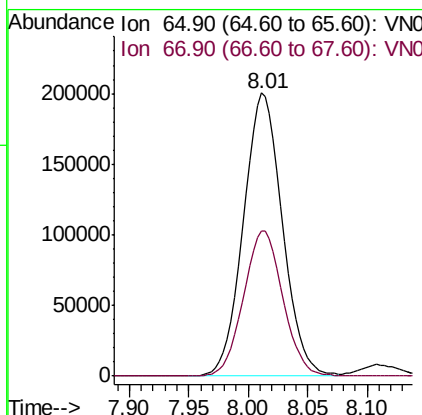
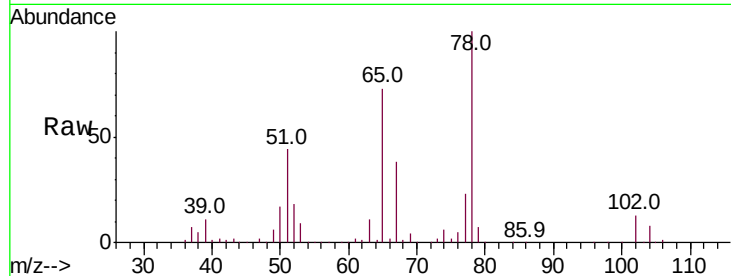




#33
 1,2-Dichloroethane-d4
 Concen: 37.035 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

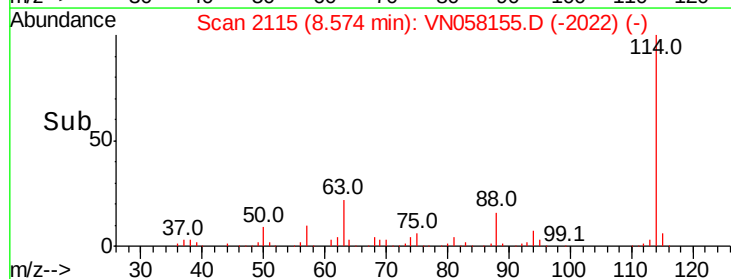
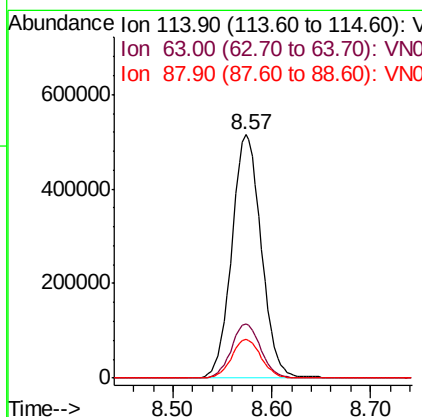
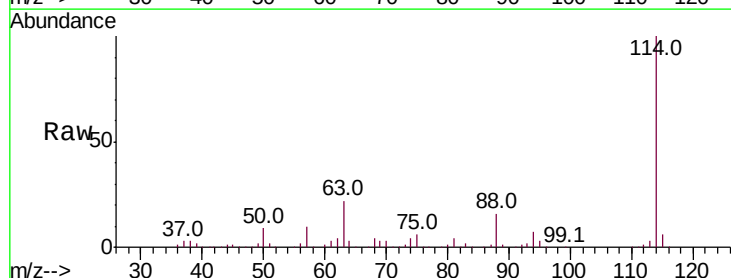
Instrument :
 MSVOA_N
 ClientSampled :

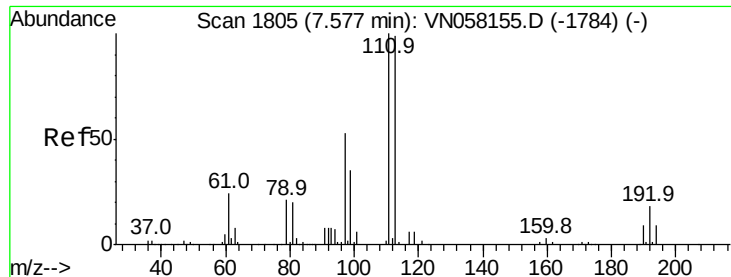
Tot Ion: 65 Resp: 455593
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion:114 Resp: 1072362
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 15.8 0.0 31.6

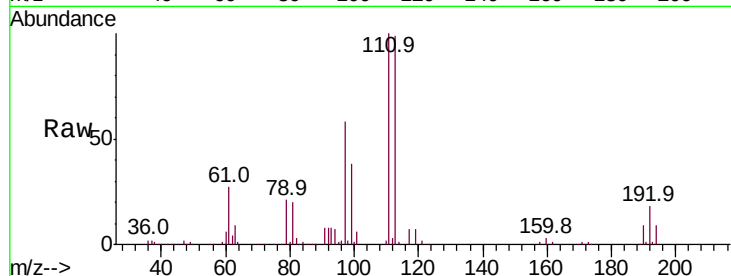




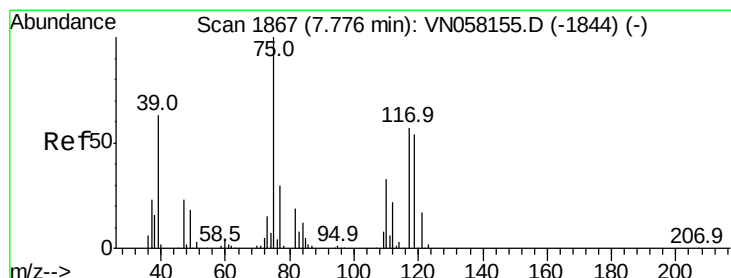
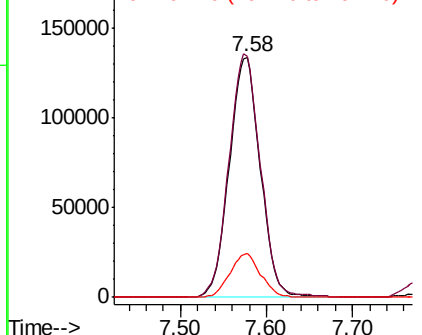
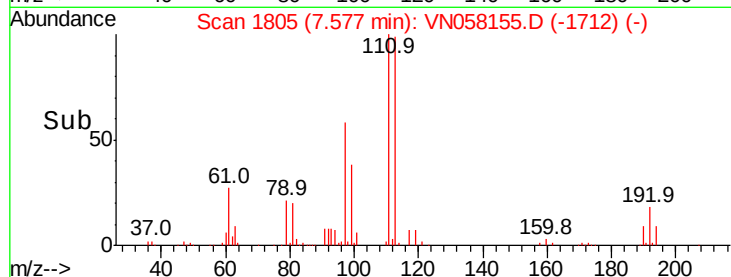
#35
 Dibromofluoromethane
 Concen: 36.169 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 334944
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 18.1 14.5 21.7

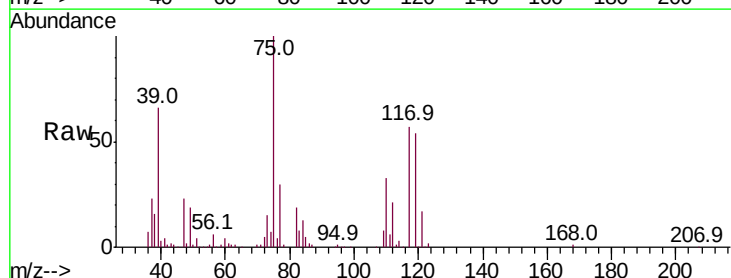


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

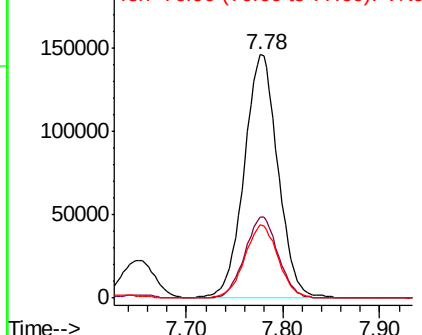
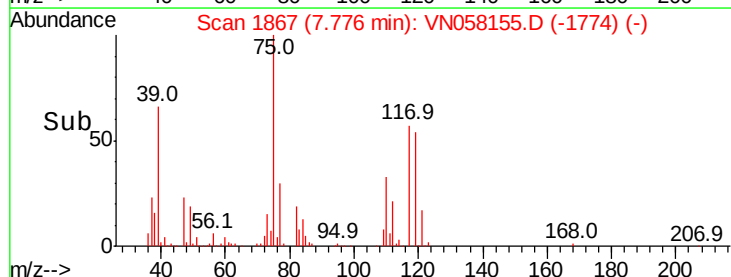


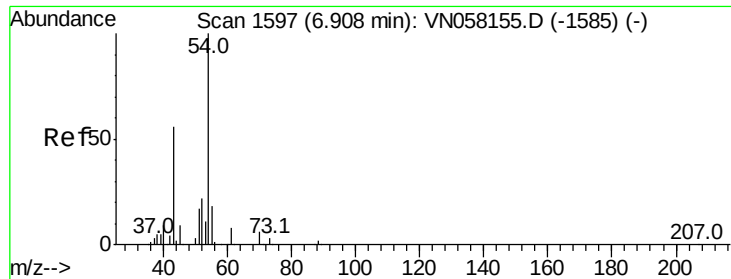
#36
 1,1-Dichloropropene
 Concen: 30.066 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion: 75 Resp: 350385
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.6 49.7
 77 30.4 24.3 36.5



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

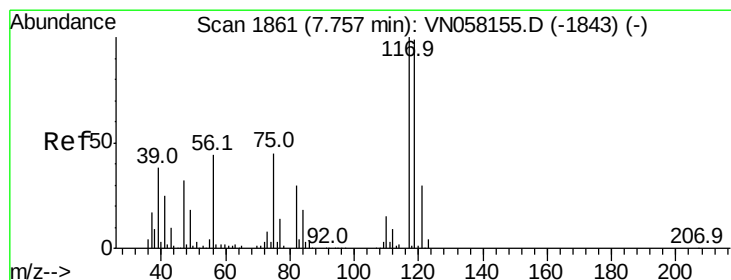
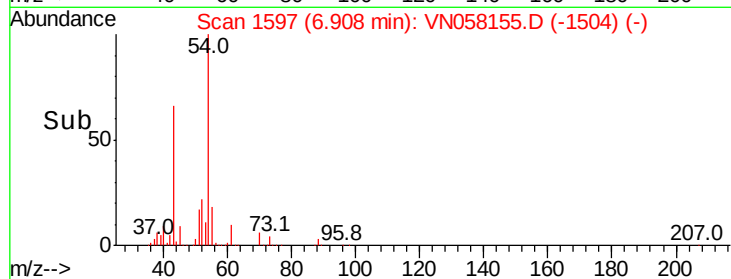
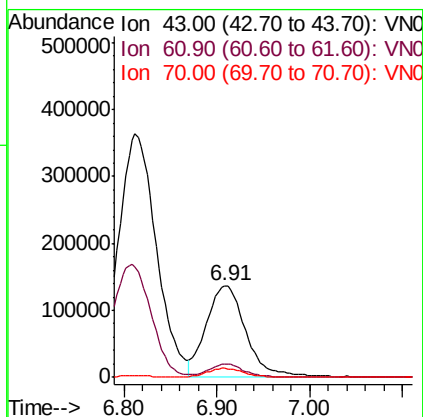
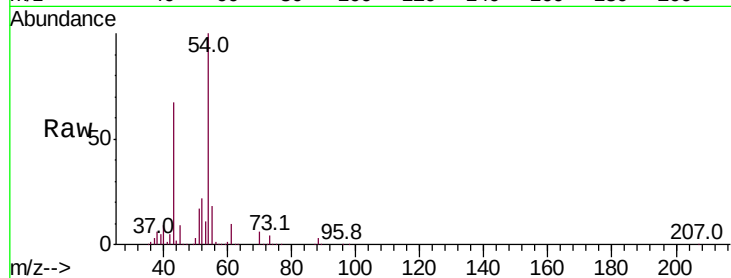




#37
Ethyl Acetate
Concen: 32.983 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

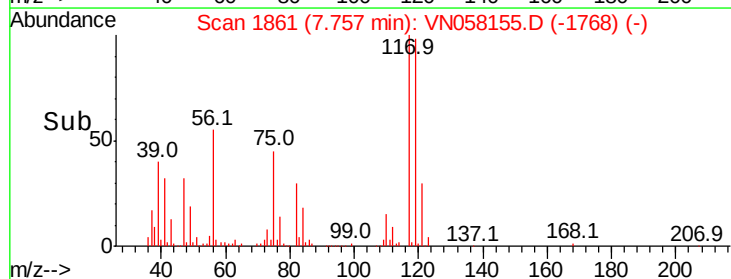
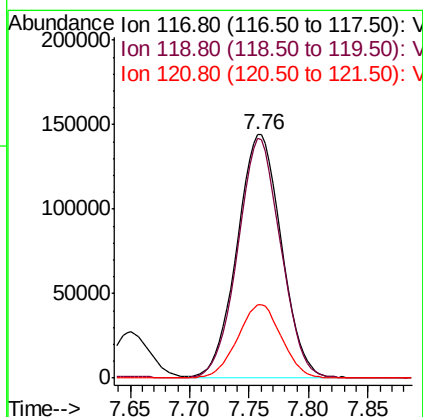
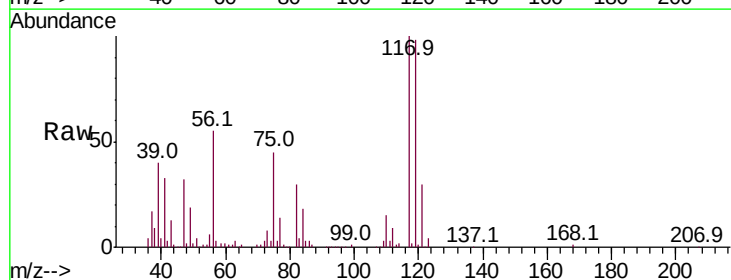
Instrument :
MSVOA_N
ClientSampled :

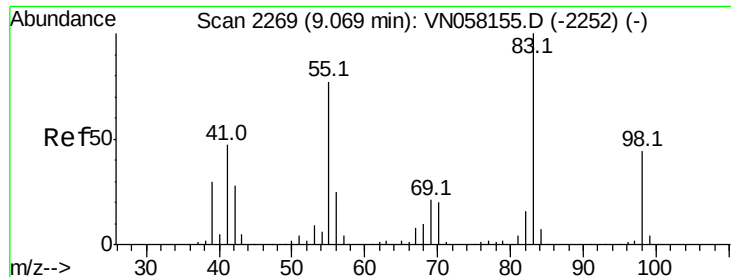
Tot Ion: 43 Resp: 398425
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 34.596 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 117 Resp: 369647
Ion Ratio Lower Upper
117 100
119 98.2 78.6 117.8
121 30.1 24.1 36.1

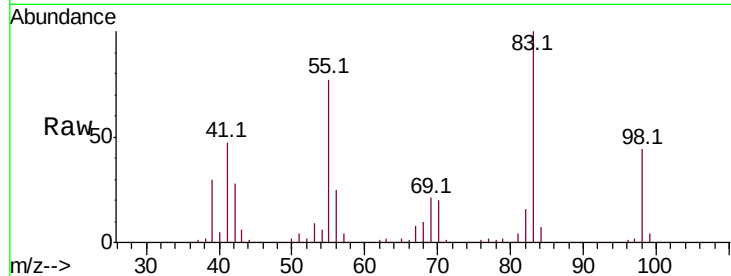




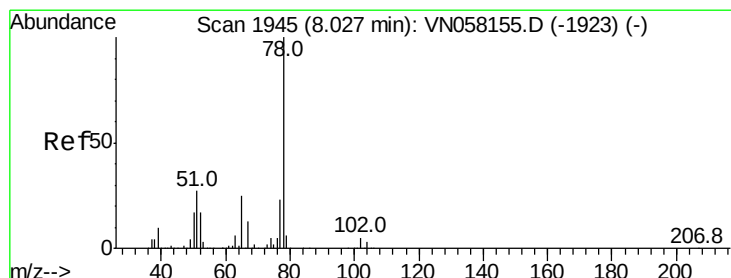
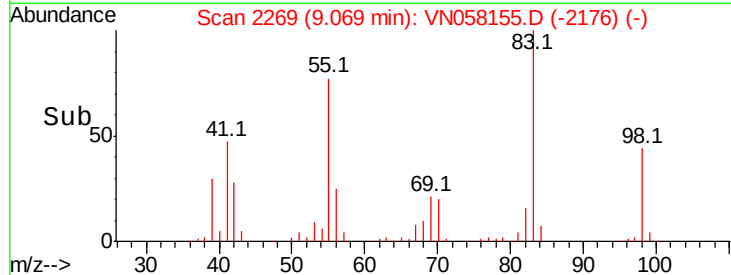
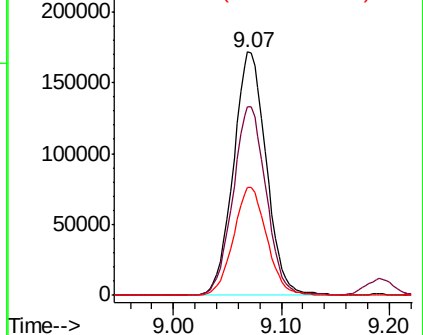
#39
Methylvlcyclohexane
Concen: 29.820 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 364413
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 44.3 35.4 53.2

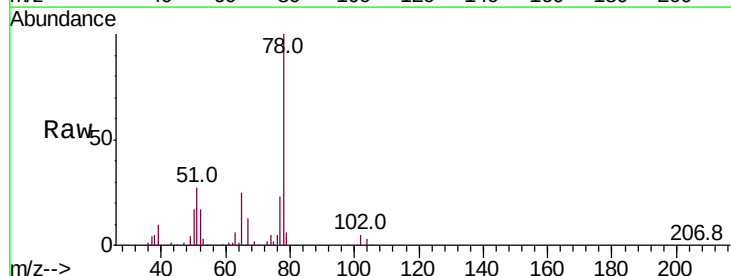


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

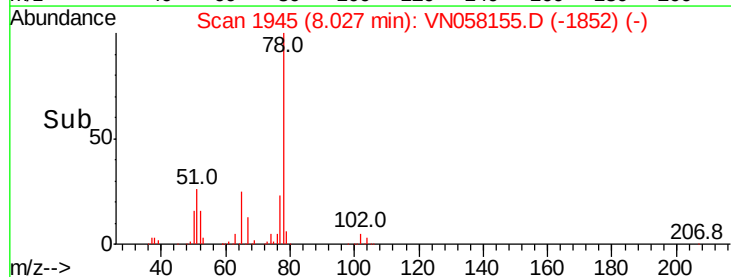
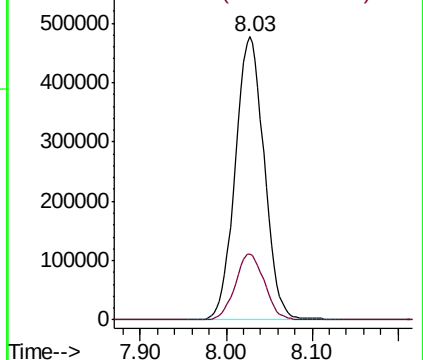


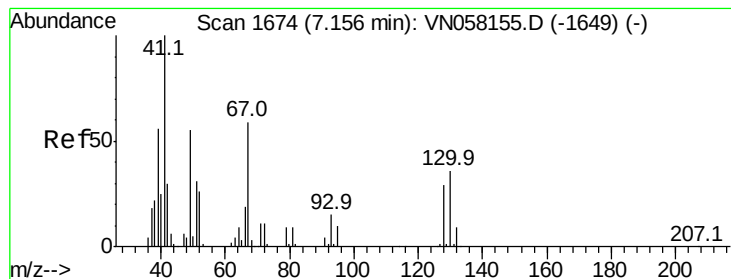
#40
Benzene
Concen: 31.841 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 78 Resp: 1117193
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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





#41

Methacrylonitrile

Concen: 108.107 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.03 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 592145

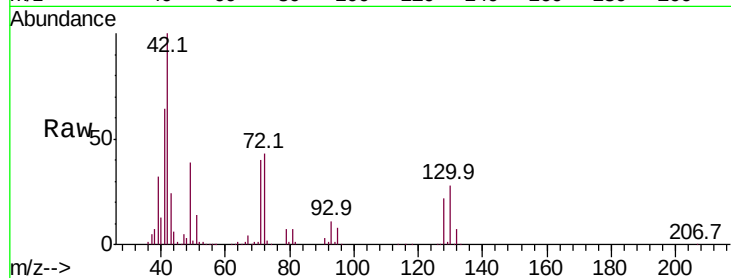
Ion Ratio Lower Upper

41 100

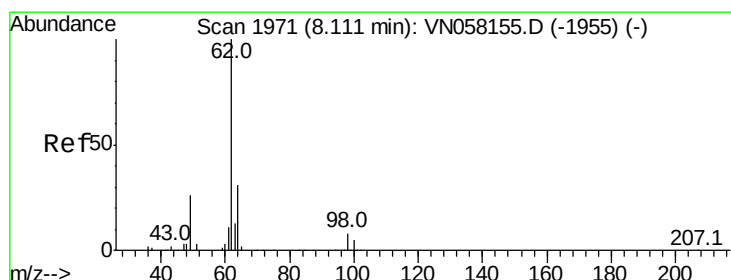
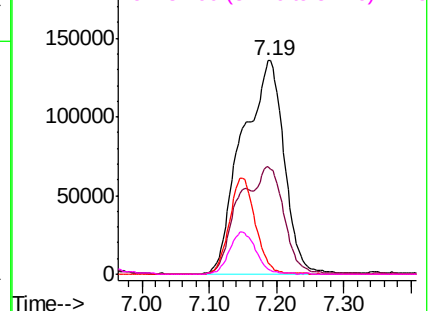
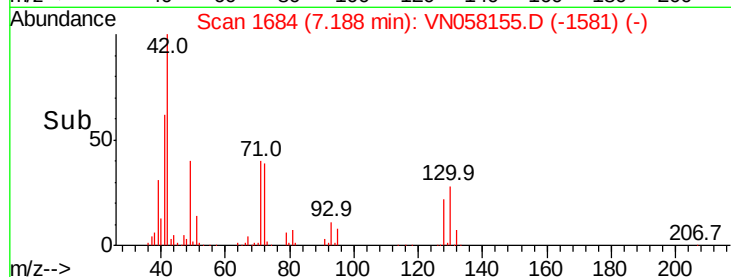
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 33.341 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN058155.D

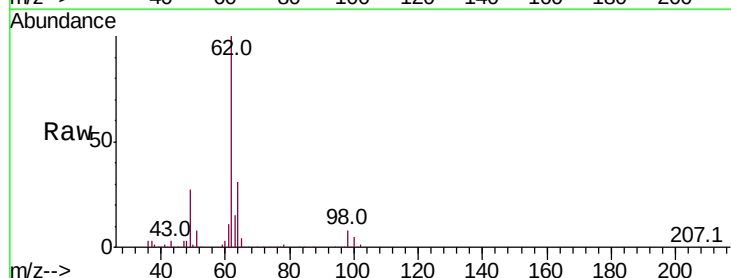
Acq: 18 Sep 2019 10:27

Tgt Ion: 62 Resp: 469405

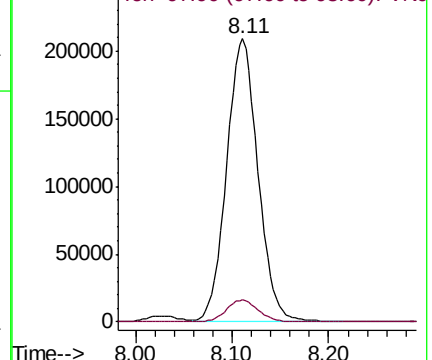
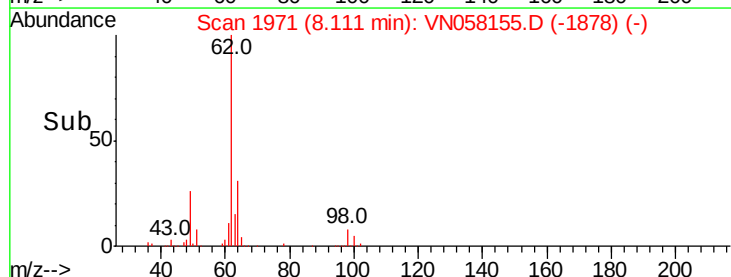
Ion Ratio Lower Upper

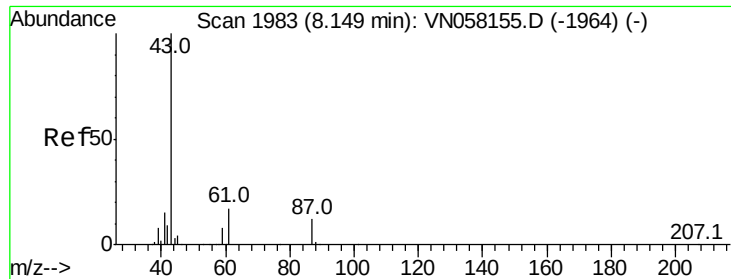
62 100

98 7.8 0.0 15.6



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

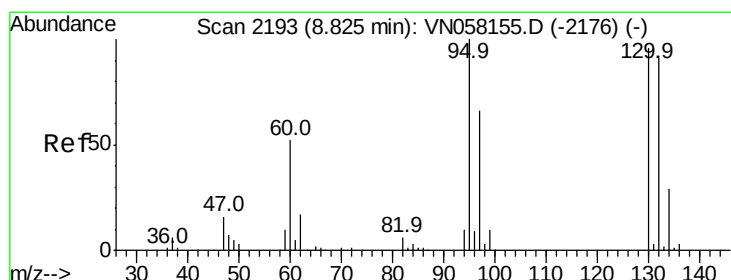
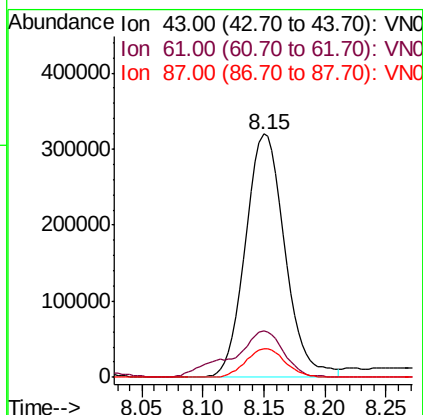
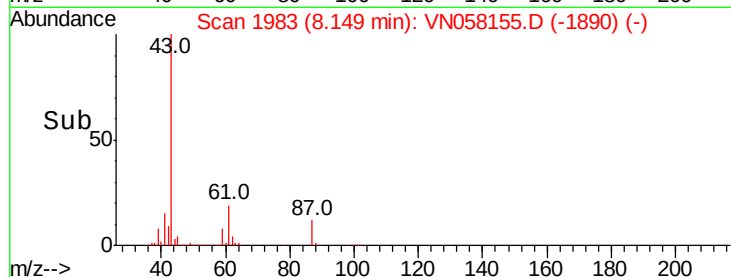
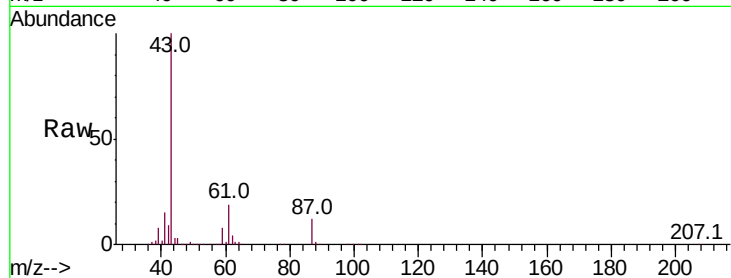




#43
Isopropyl Acetate
Concen: 35.075 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

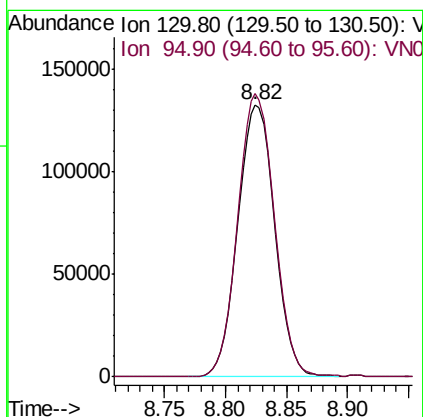
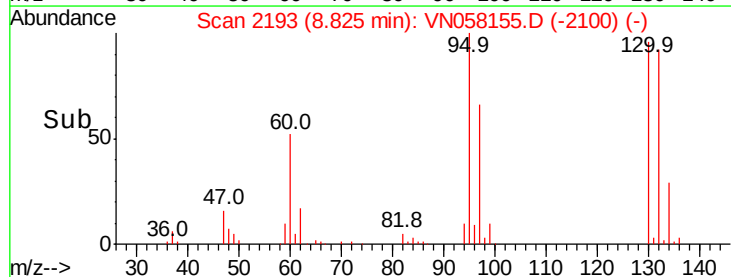
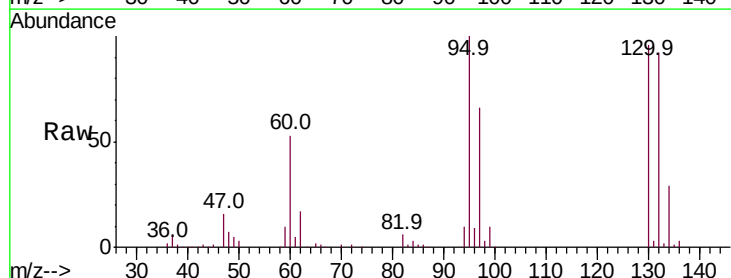
Instrument :
MSVOA_N
ClientSampleId :

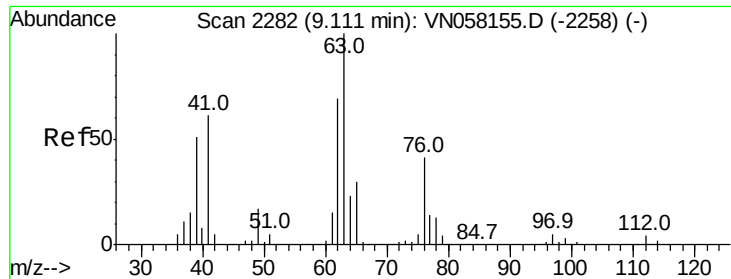
Tot Ion: 43 Resp: 712786
Ion Ratio Lower Upper
43 100
61 24.6 19.7 29.5
87 11.8 9.4 14.2



#44
Trichloroethene
Concen: 32.118 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 130 Resp: 277184
Ion Ratio Lower Upper
130 100
95 103.9 0.0 207.8

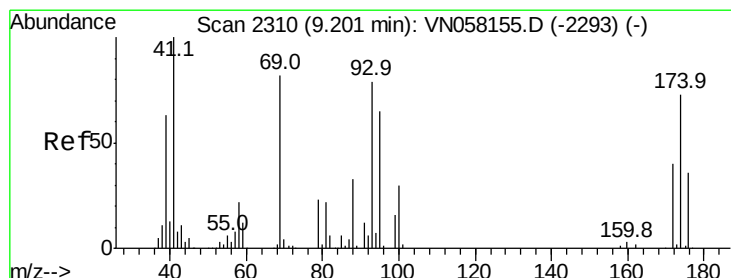
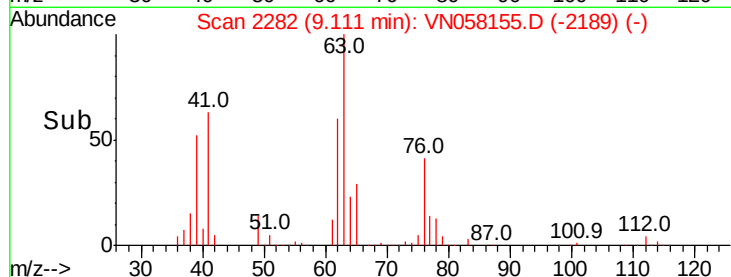
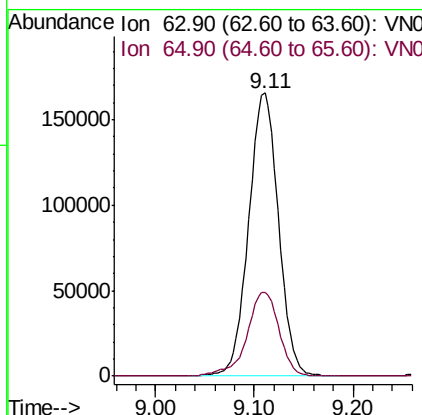
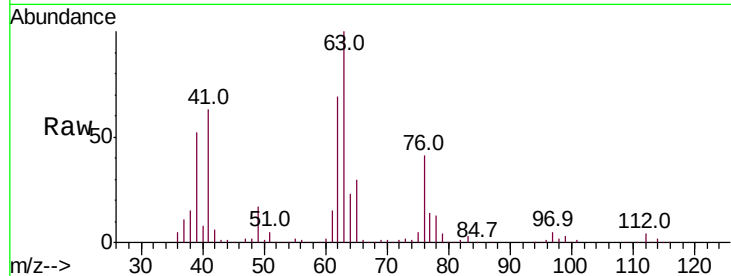




#45
 1,2-Dichloropropane
 Concen: 33.754 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

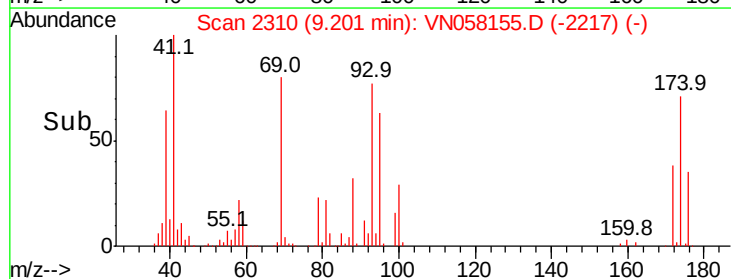
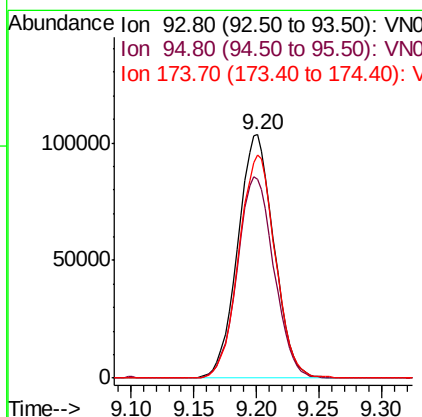
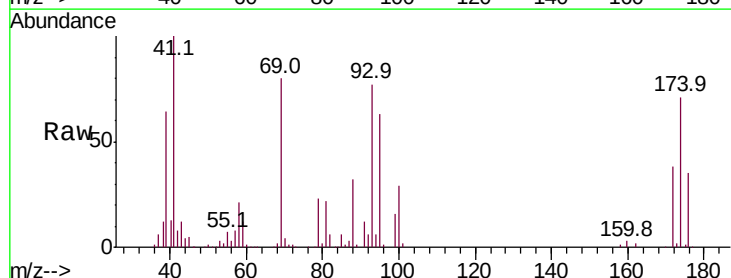
Instrument :
 MSVOA_N
 ClientSampleId :

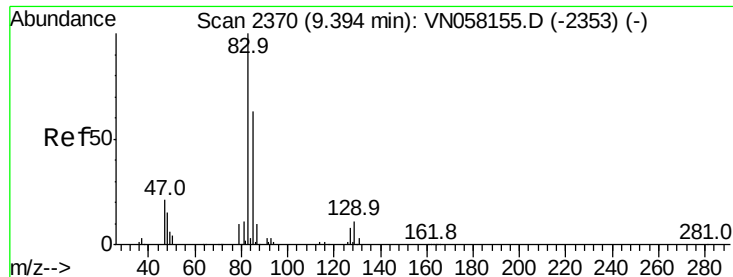
Tot Ion: 63 Resp: 345907
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.6



#46
 Dibromomethane
 Concen: 33.622 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion: 93 Resp: 207991
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 92.3 73.8 110.8





#47

Bromodichloromethane

Concen: 36.916 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

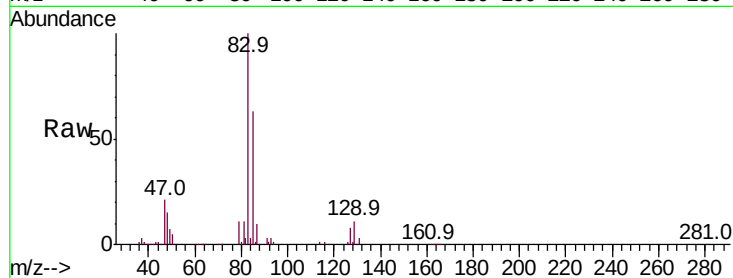
Tot Ion: 83 Resp: 454754

Ion Ratio Lower Upper

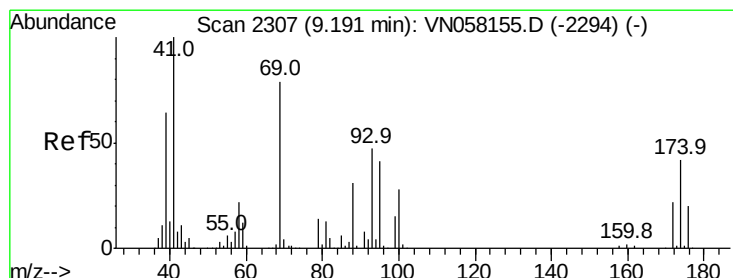
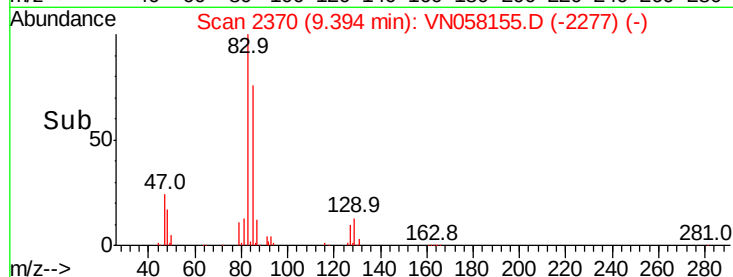
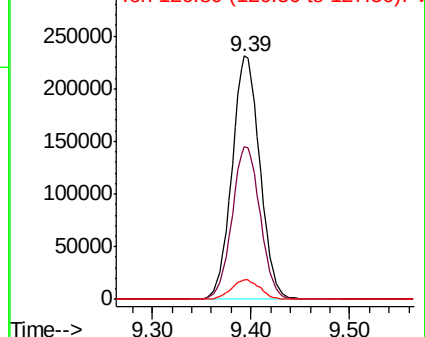
83 100

85 62.6 50.1 75.1

127 8.0 6.4 9.6



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: 33.428 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

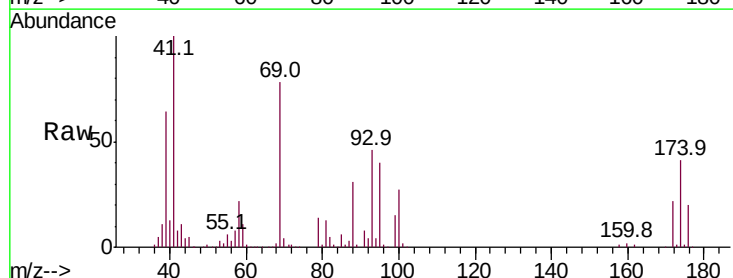
Tgt Ion: 41 Resp: 342649

Ion Ratio Lower Upper

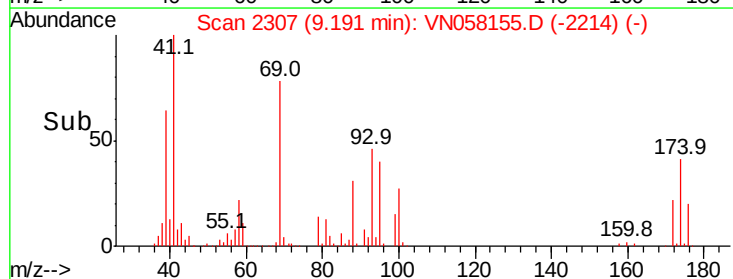
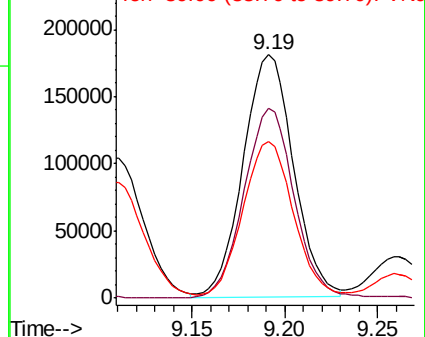
41 100

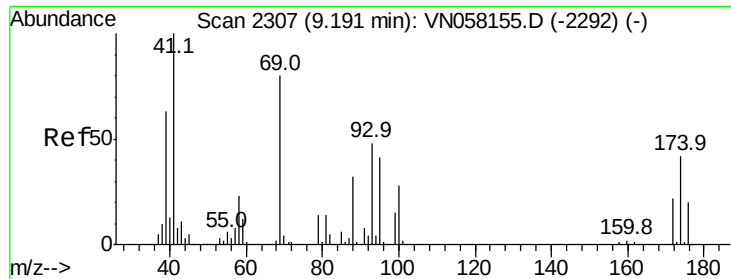
69 78.1 62.5 93.7

39 65.4 52.3 78.5



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

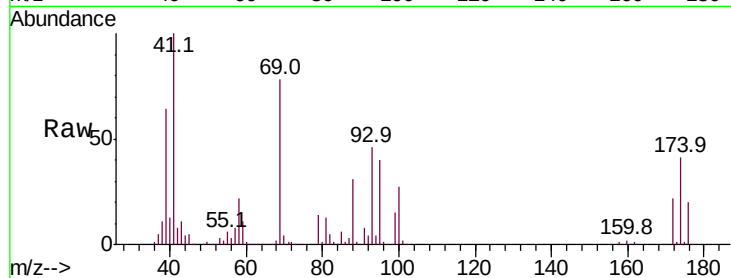




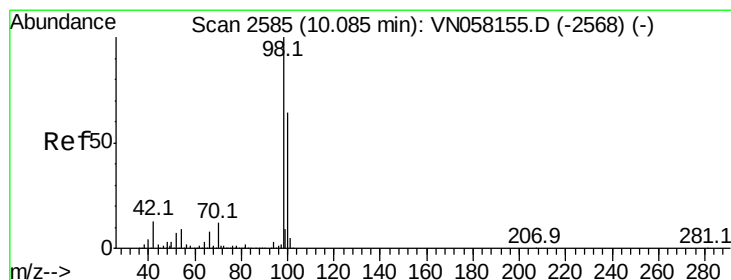
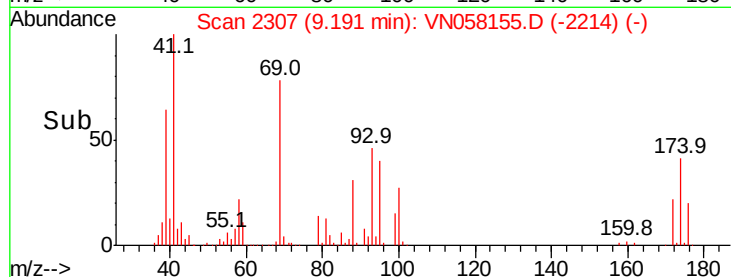
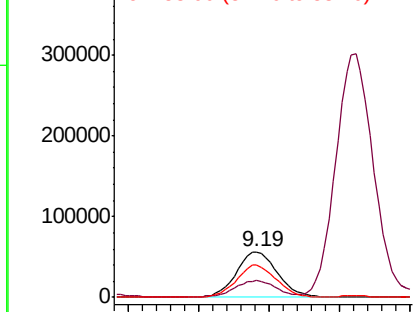
#49
1,4-Dioxane
Concen: 666.161 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 116033
Ion Ratio Lower Upper
88 100
43 34.8 27.8 41.8
58 68.7 55.0 82.4

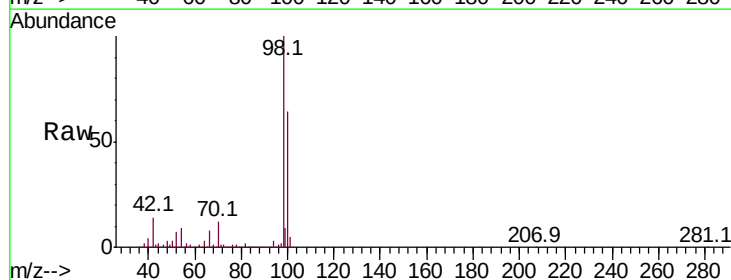


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

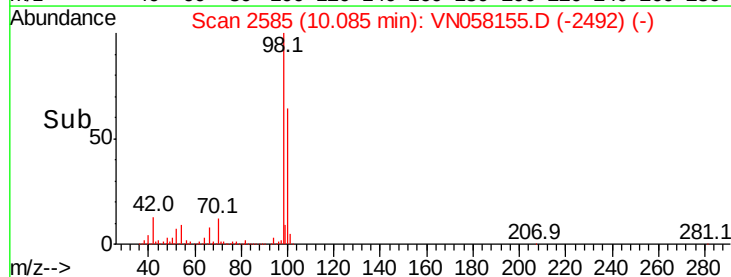
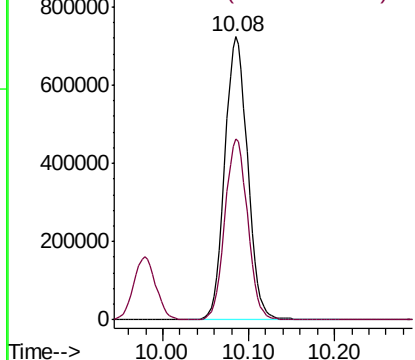


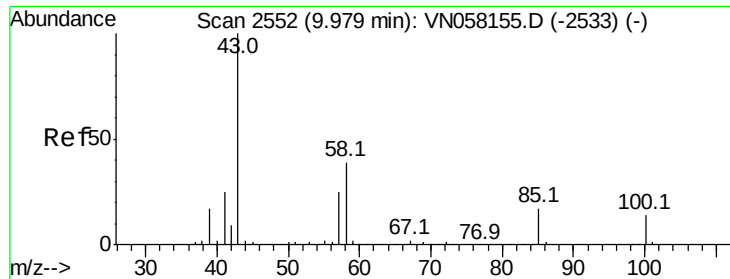
#50
Toluene-d8
Concen: 37.317 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 98 Resp: 1335232
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 181.252 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

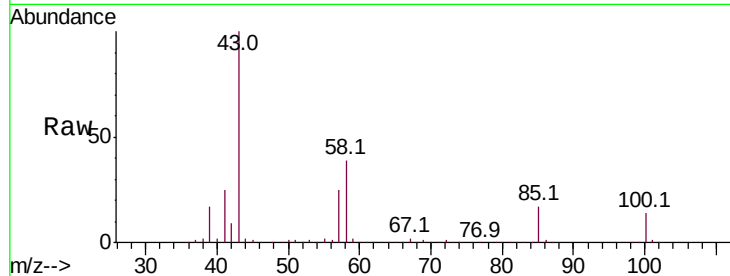
ClientSampled :

Tot Ion: 43 Resp: 2155219

Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

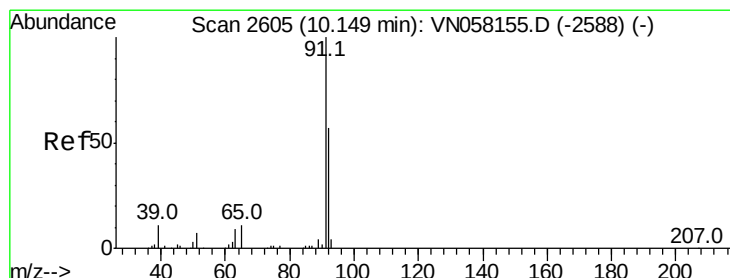
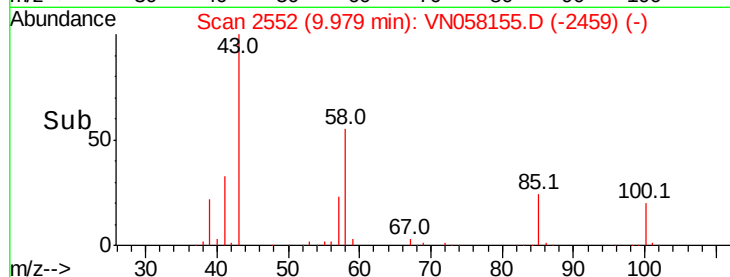
1000000

500000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 32.413 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058155.D

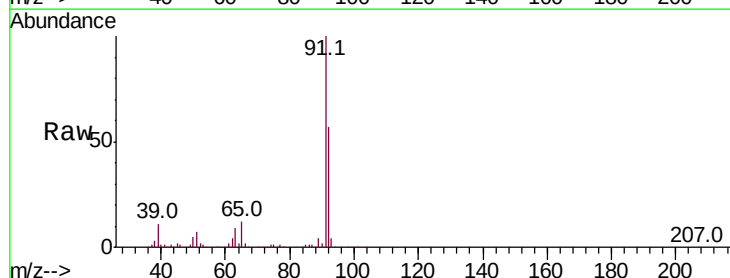
Acq: 18 Sep 2019 10:27

Tgt Ion: 92 Resp: 715508

Ion Ratio Lower Upper

92 100

91 175.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

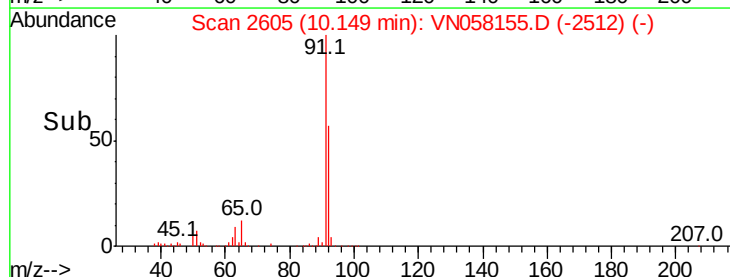
400000

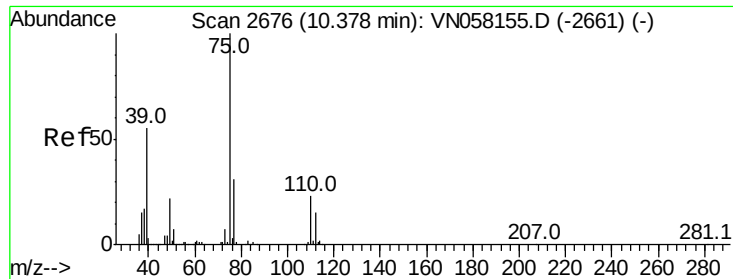
200000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 37.206 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

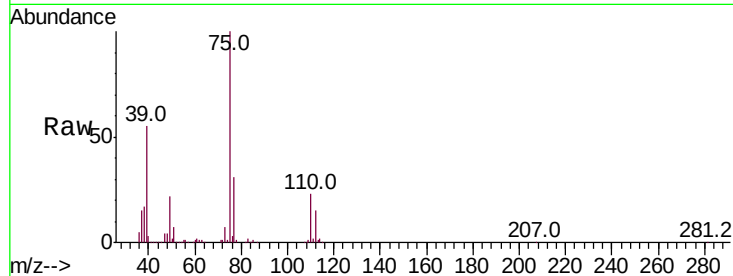
ClientSampleId :

Tot Ion: 75 Resp: 481652

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

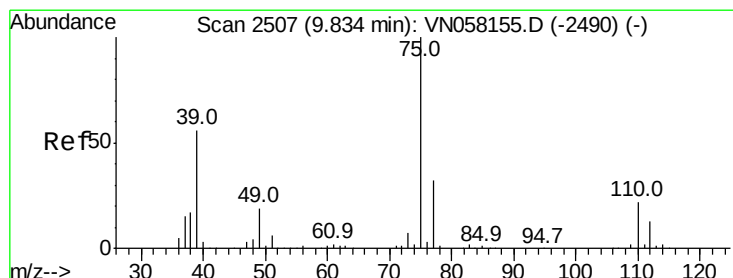
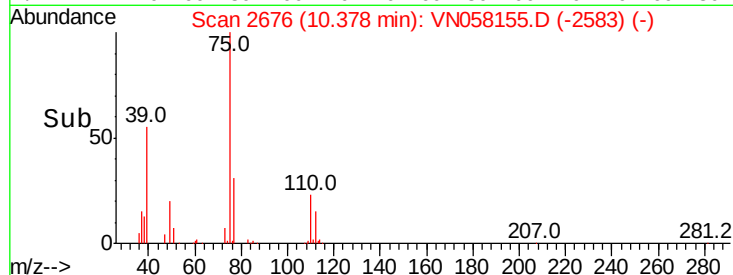
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 36.288 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

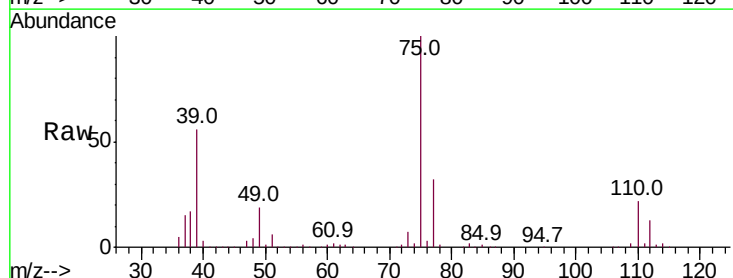
Tgt Ion: 75 Resp: 518960

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 56.3 45.0 67.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

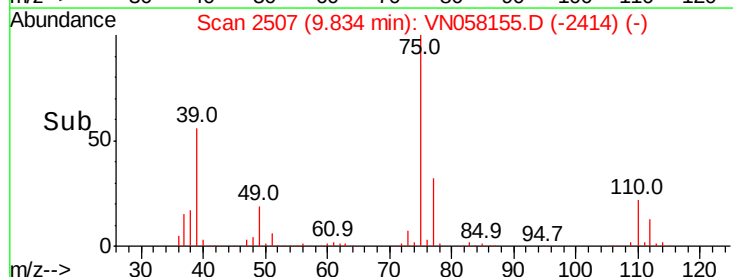
300000

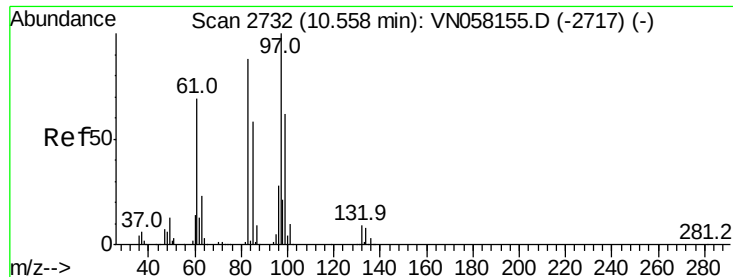
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 34.838 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058155.D

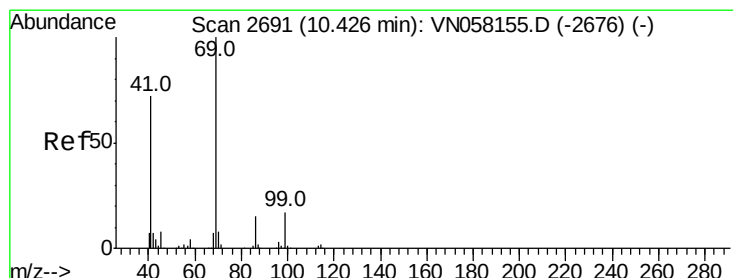
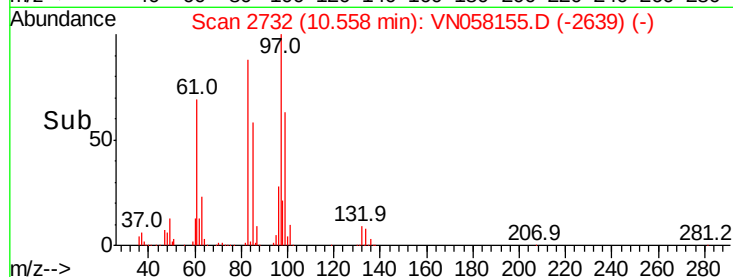
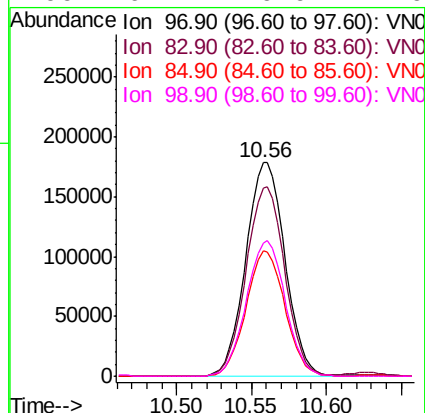
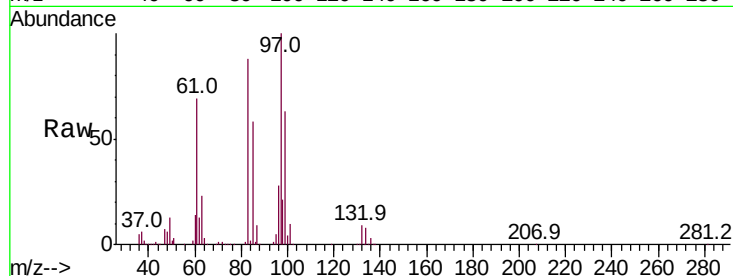
Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	97	Resp:	326167
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	58.5	46.8	70.2
99	62.4	49.9	74.9



#56

Ethyl methacrylate

Concen: 35.391 ug/l

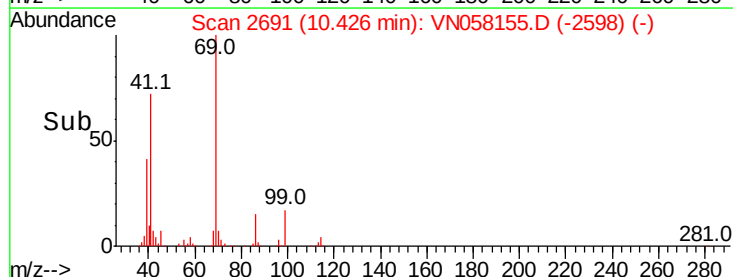
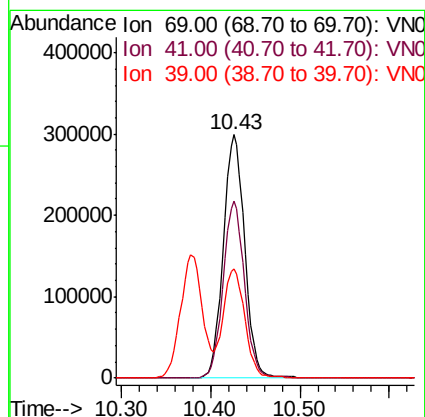
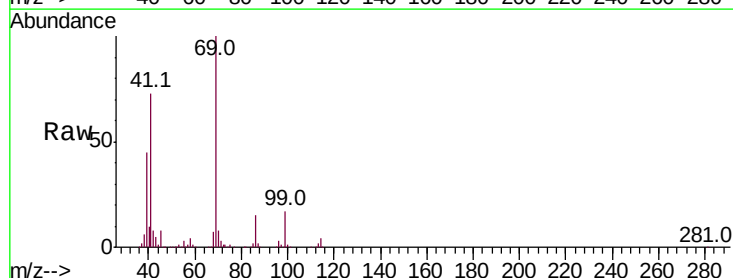
RT: 10.43 min Scan# 2691

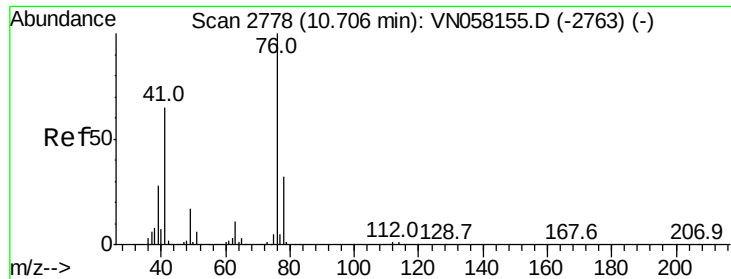
Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Tgt Ion:	69	Resp:	496420
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.5	86.3
39	45.1	36.1	54.1





#57

1,3-Dichloropropane

Concen: 34.507 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

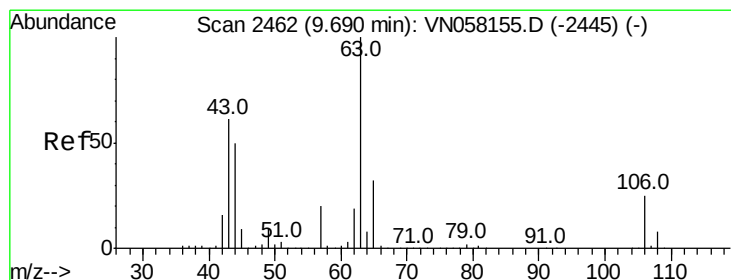
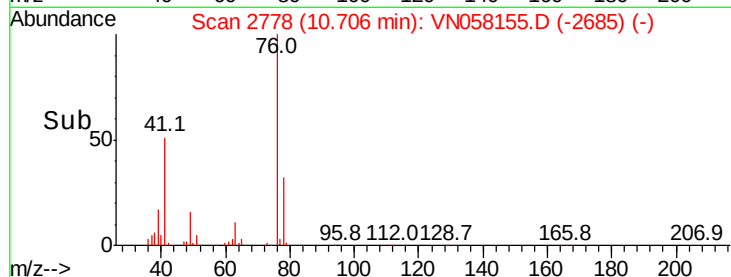
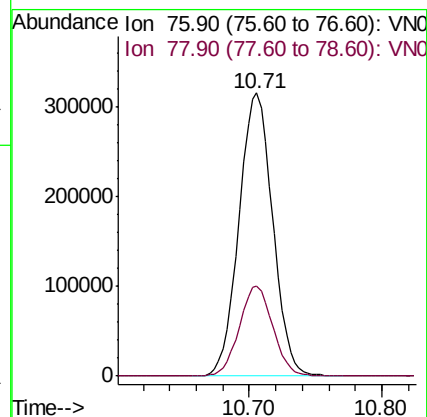
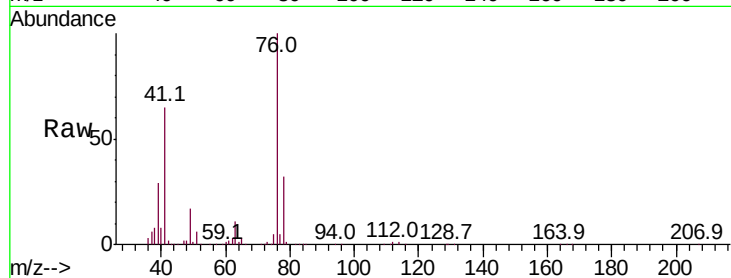
ClientSampled :

Tot Ion: 76 Resp: 556934

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 191.490 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058155.D

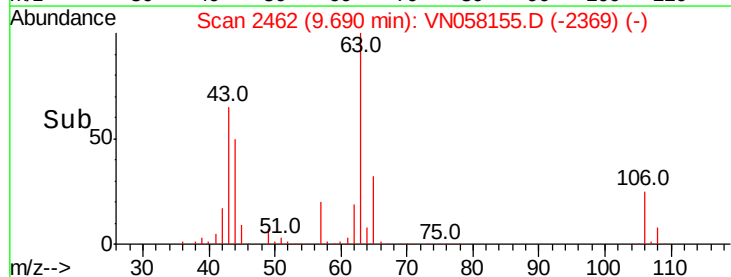
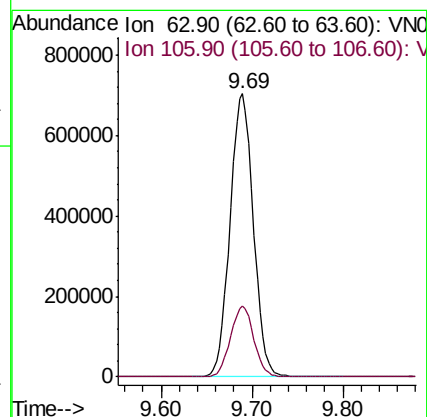
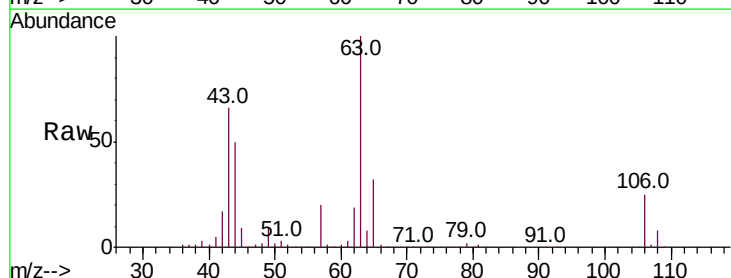
Acq: 18 Sep 2019 10:27

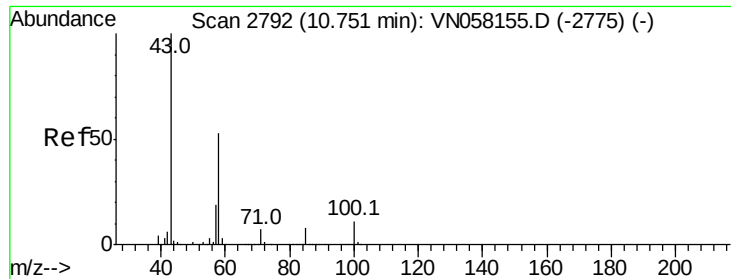
Tgt Ion: 63 Resp: 1253079

Ion Ratio Lower Upper

63 100

106 24.9 19.9 29.9

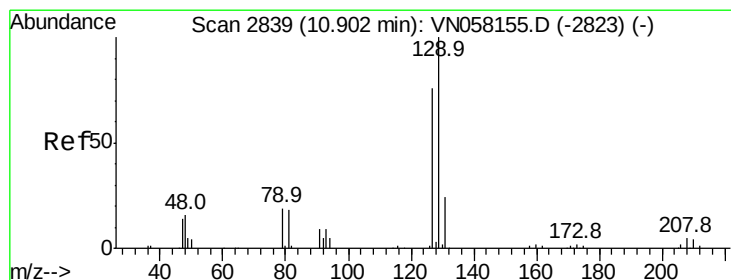
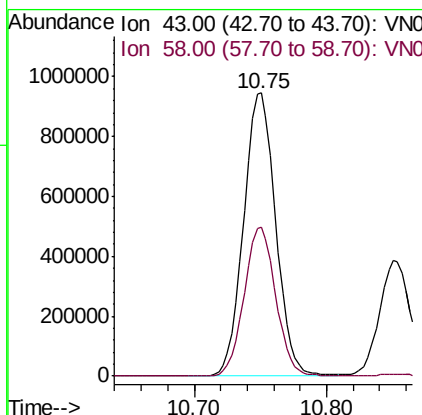
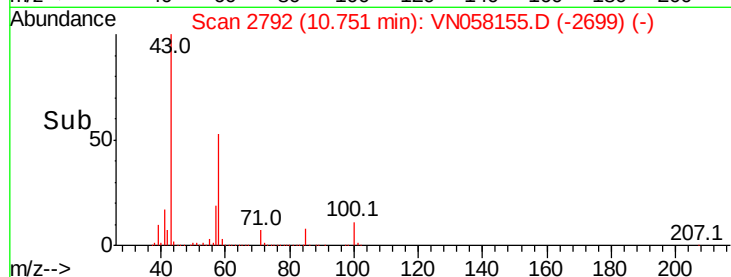
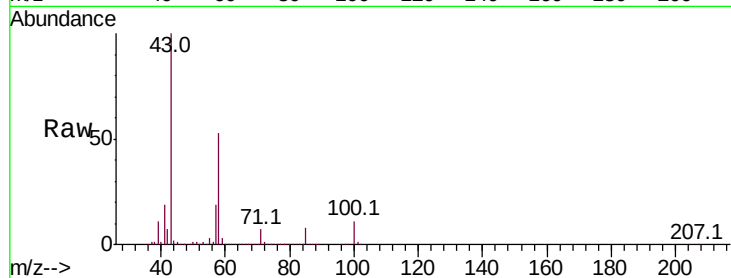




#59
2-Hexanone
Concen: 178.741 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

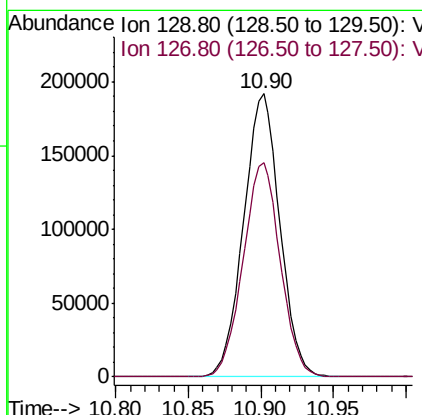
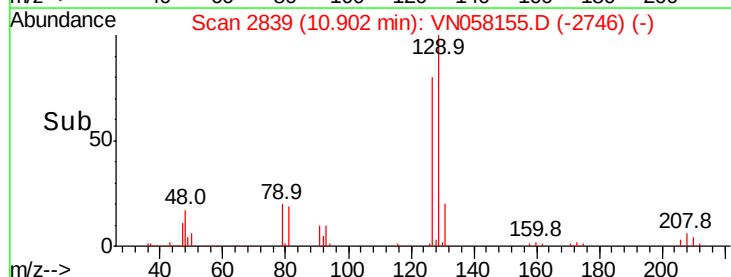
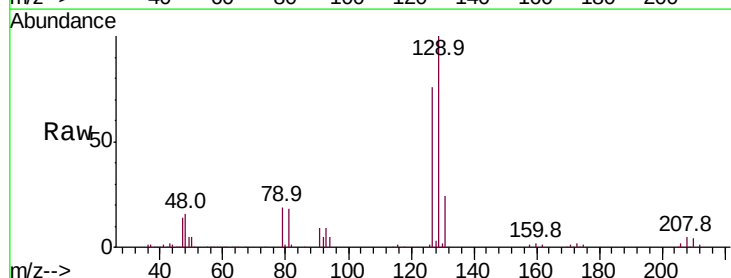
Instrument :
MSVOA_N
ClientSampleId :

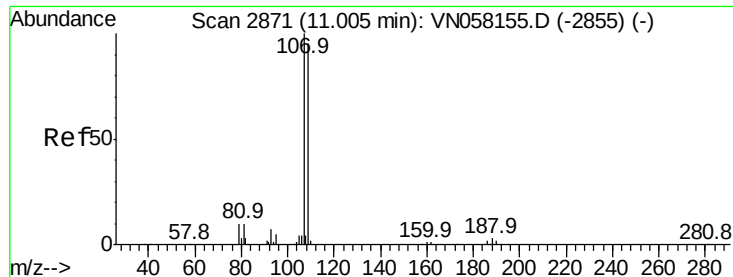
Tot Ion: 43 Resp: 1589027
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 38.562 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 129 Resp: 334757
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

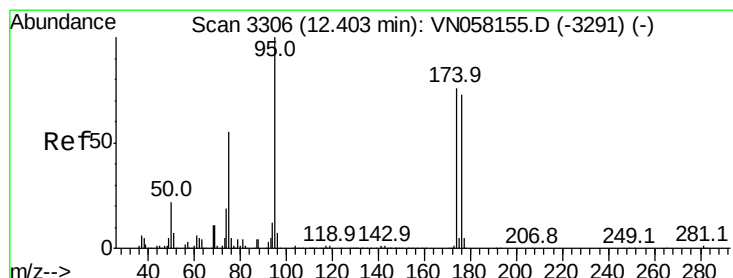
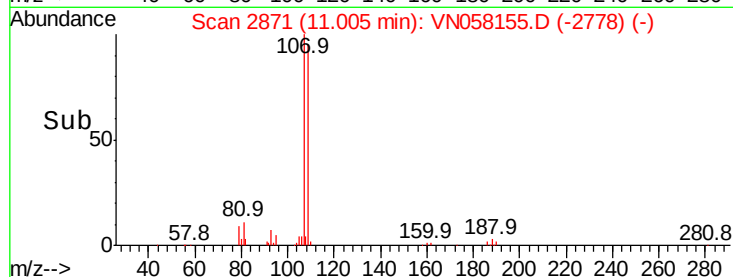
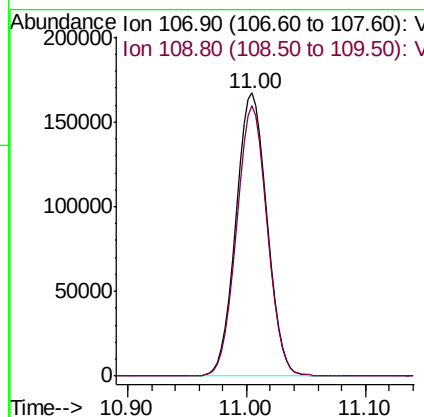
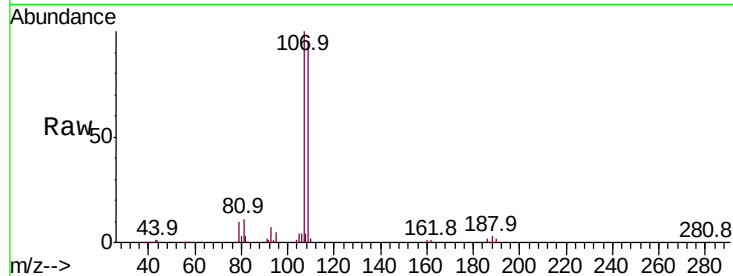




#61
 1,2-Dibromoethane
 Concen: 34.309 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

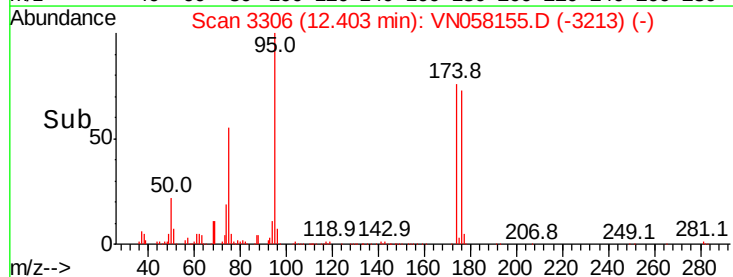
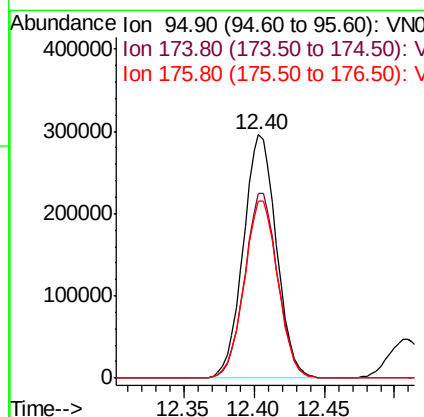
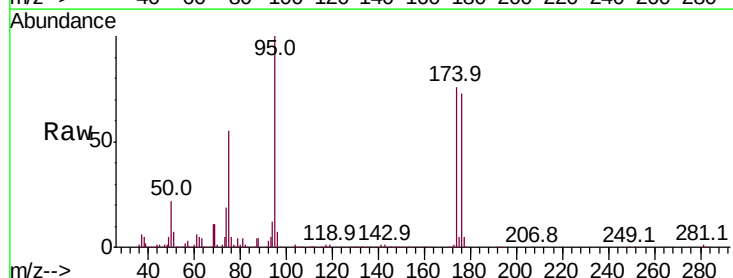
Instrument :
 MSVOA_N
 ClientSampleId :

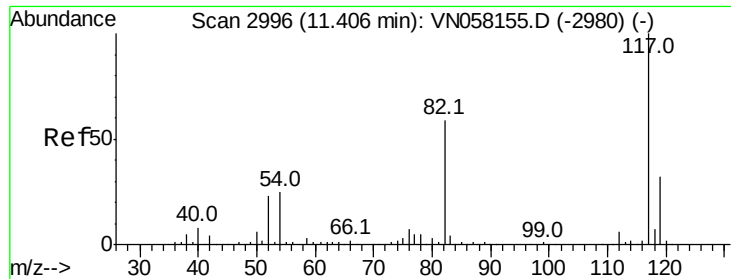
Tot Ion:107 Resp: 302861
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 35.349 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion: 95 Resp: 486301
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 152.2
 176 74.0 0.0 148.0

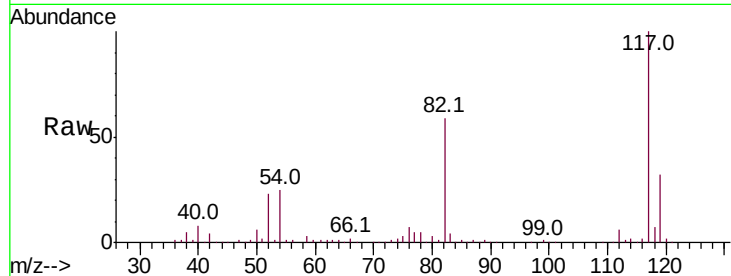




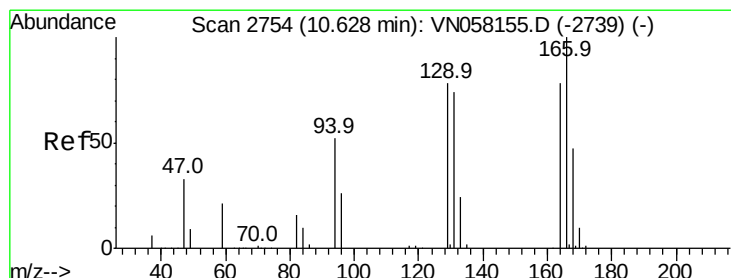
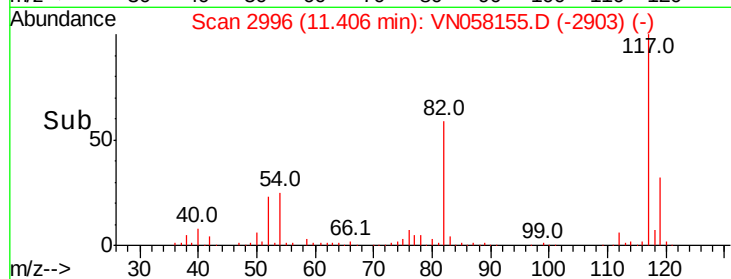
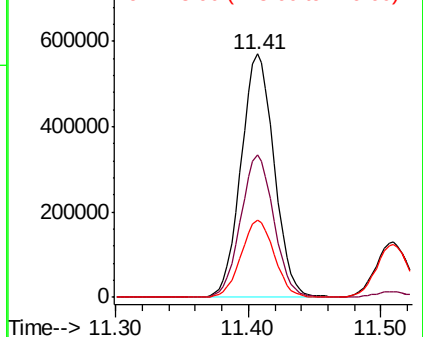
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 985476
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 31.6 25.3 37.9

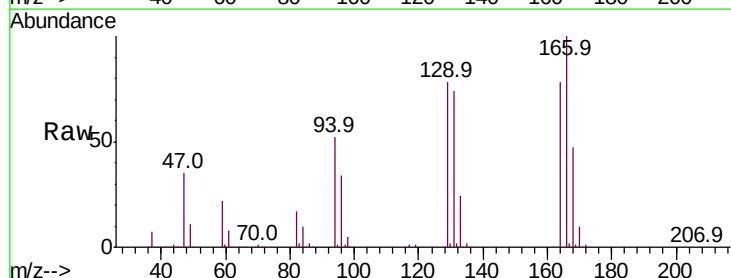


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

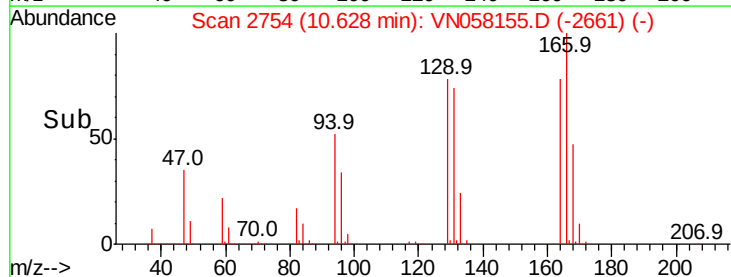
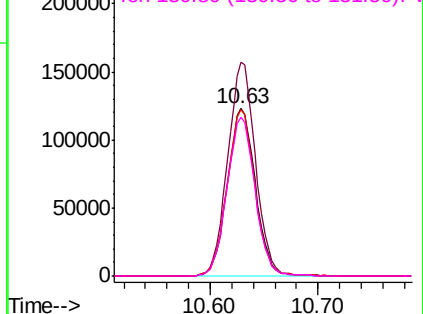


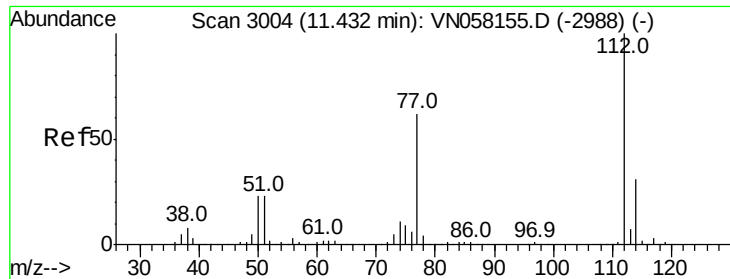
#64
Tetrachloroethene
Concen: 32.364 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion:164 Resp: 222416
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 99.5 79.6 119.4
131 95.0 76.0 114.0



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

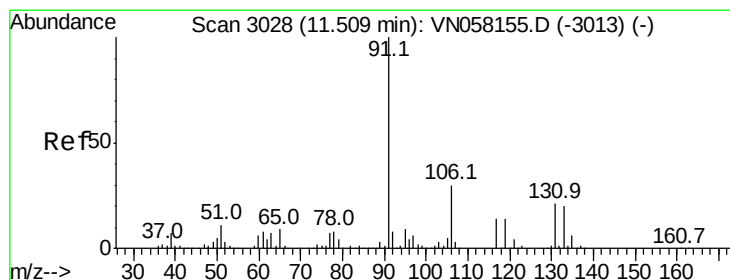
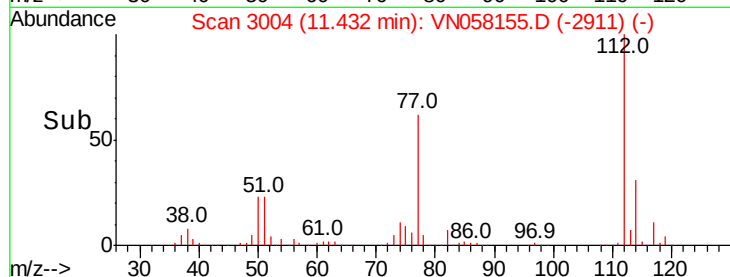
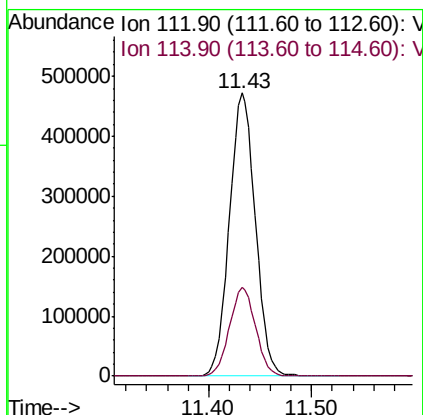
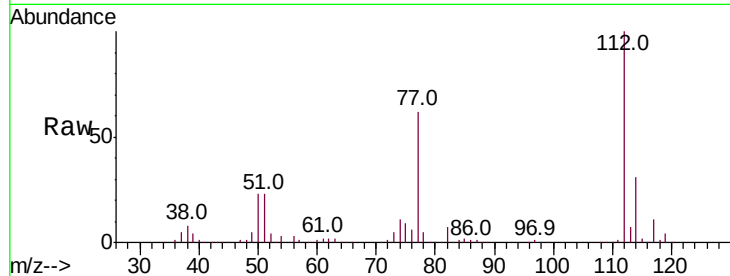




#65
Chlorobenzene
Concen: 34.150 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

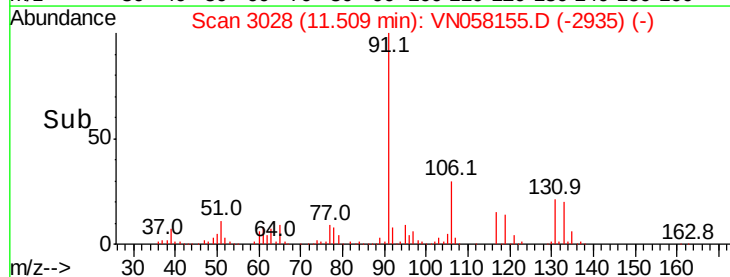
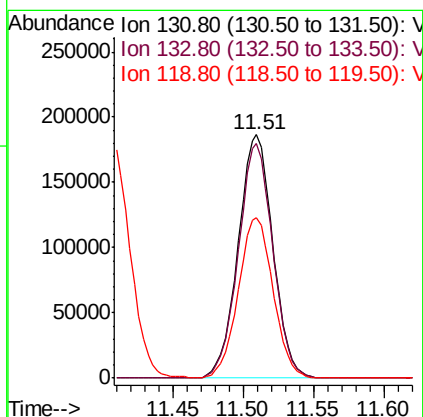
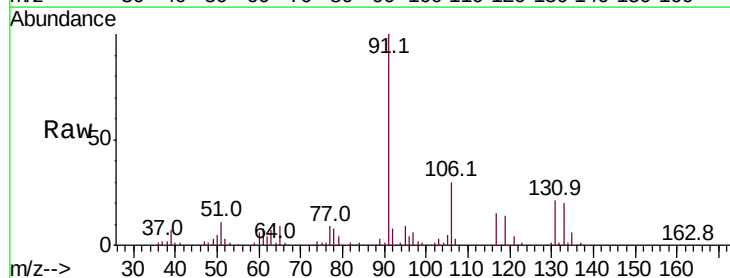
Instrument :
MSVOA_N
ClientSampled :

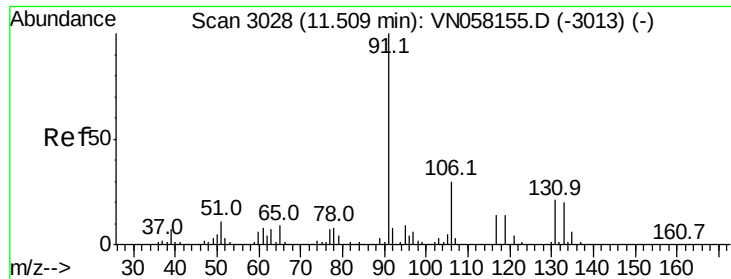
Tot Ion:112 Resp: 828555
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 38.098 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion:131 Resp: 321555
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.2 33.1 99.3

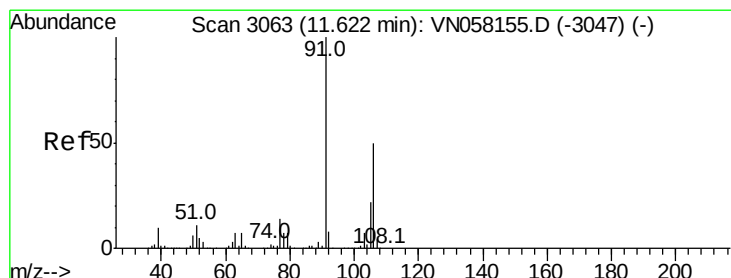
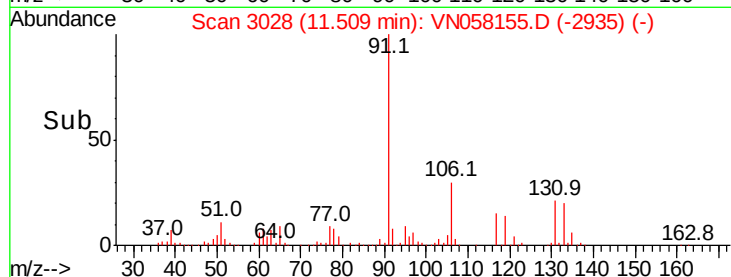
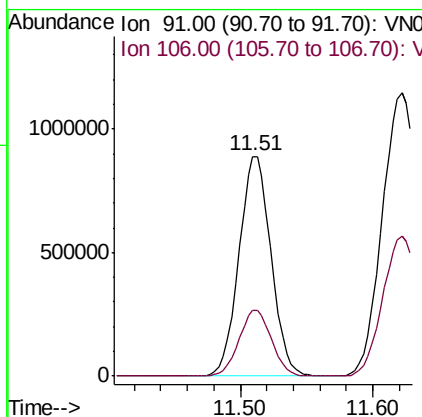
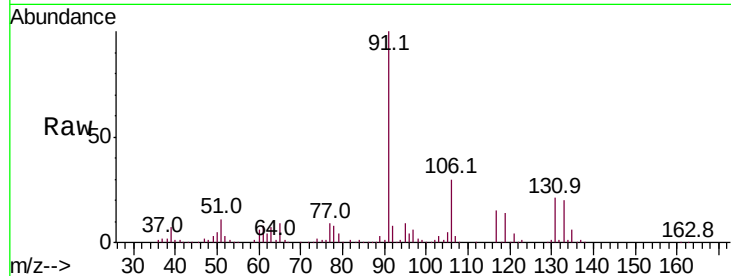




#67
Ethyl Benzene
Concen: 35.150 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

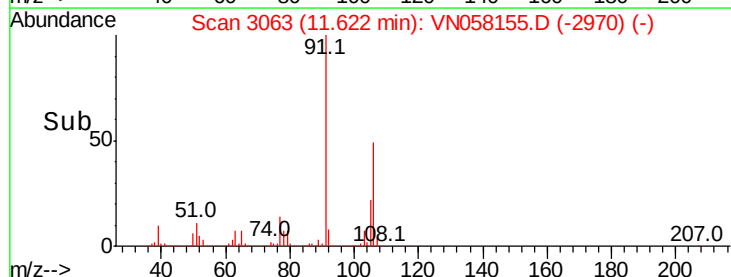
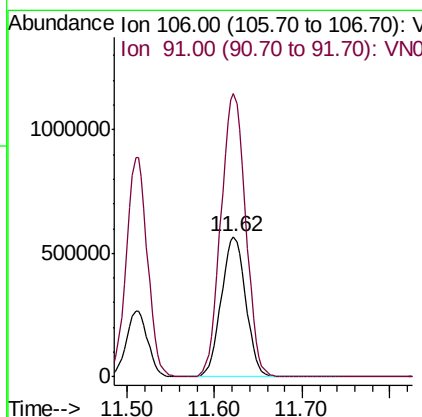
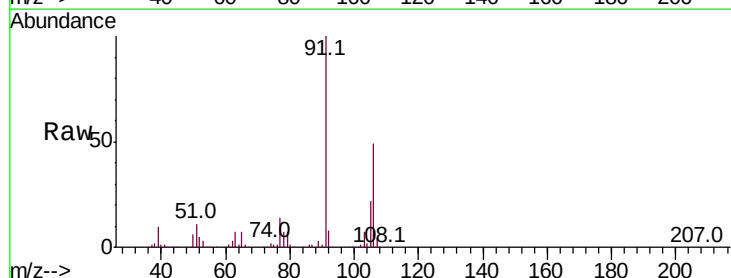
Instrument :
MSVOA_N
ClientSampled :

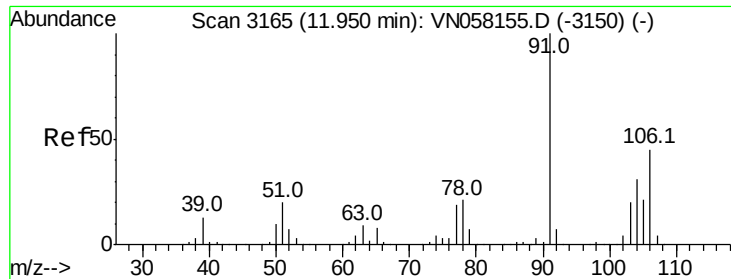
Tot Ion: 91 Resp: 1493087
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 70.637 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion:106 Resp: 1098680
Ion Ratio Lower Upper
106 100
91 204.5 163.6 245.4

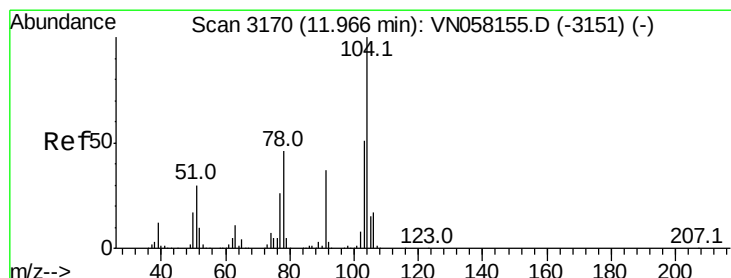
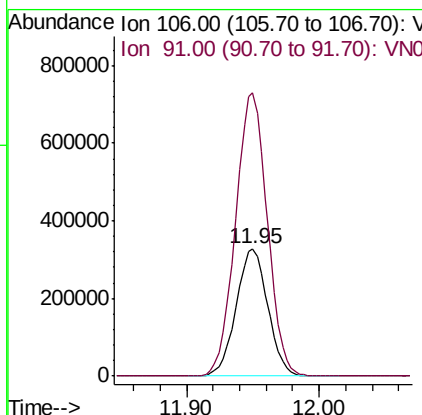
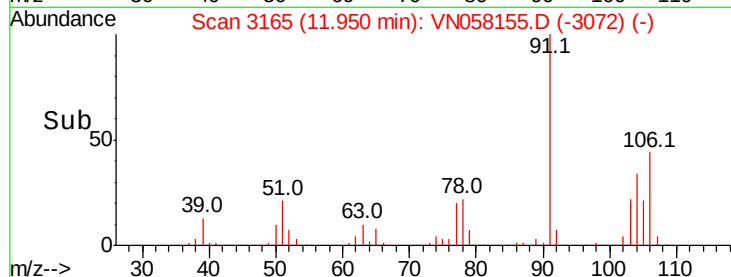
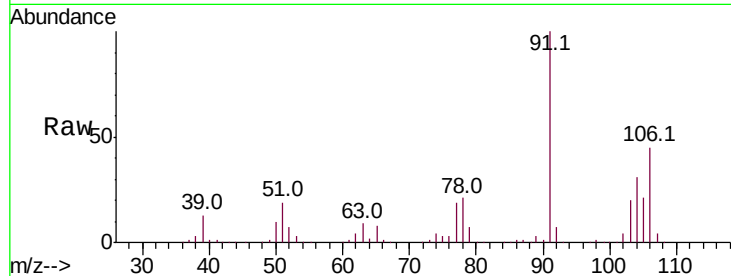




#69
o-Xylene
Concen: 35.237 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

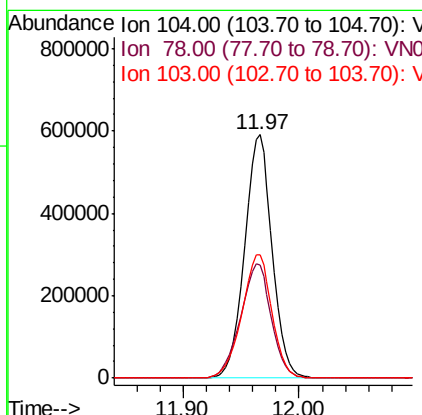
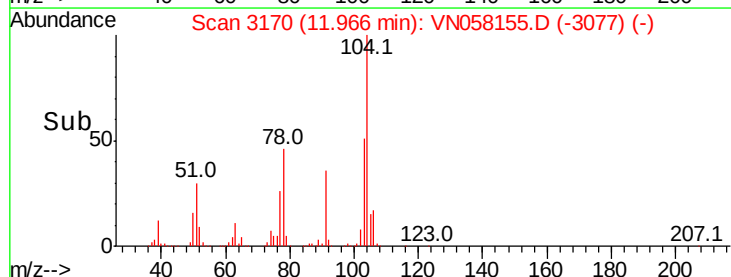
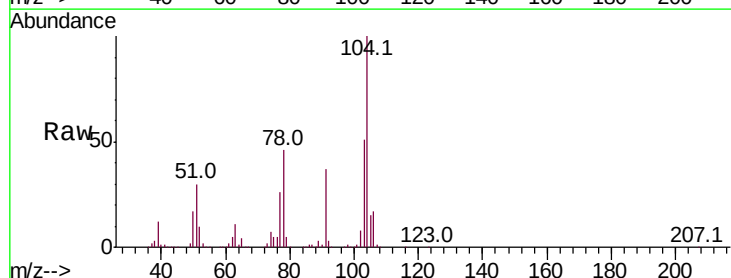
Instrument :
MSVOA_N
ClientSampled :

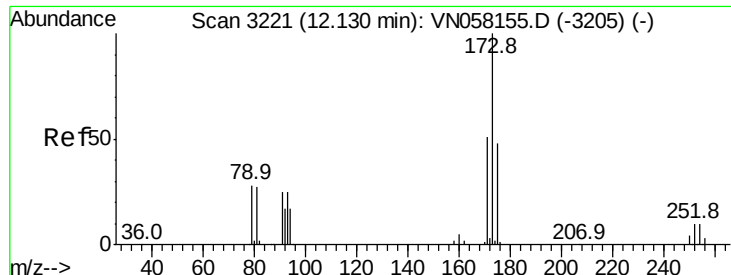
Tot Ion:106 Resp: 543200
Ion Ratio Lower Upper
106 100
91 223.5 111.8 335.3



#70
Styrene
Concen: 36.807 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion:104 Resp: 976315
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.2 44.2 66.2





#71

Bromoform

Concen: 40.929 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

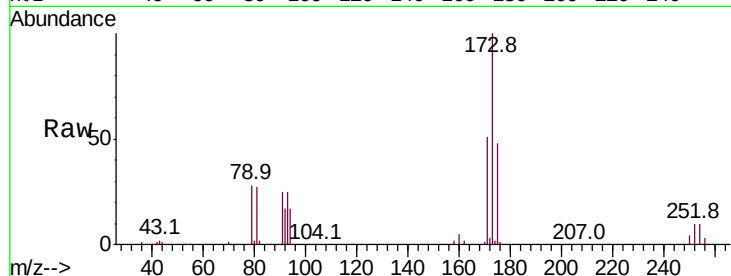
Tot Ion:173 Resp: 214568

Ion Ratio Lower Upper

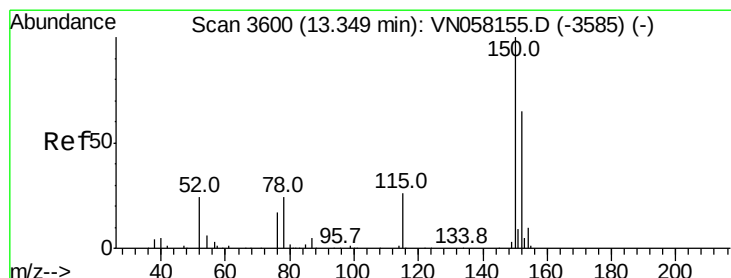
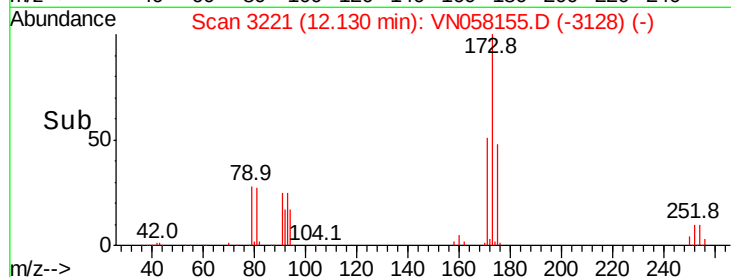
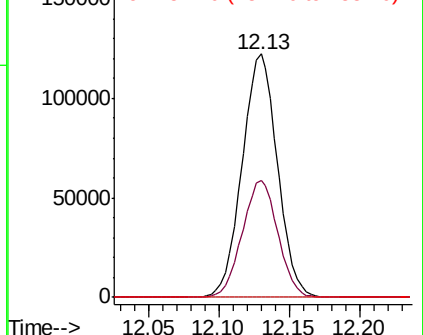
173 100

175 48.4 24.2 72.6

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

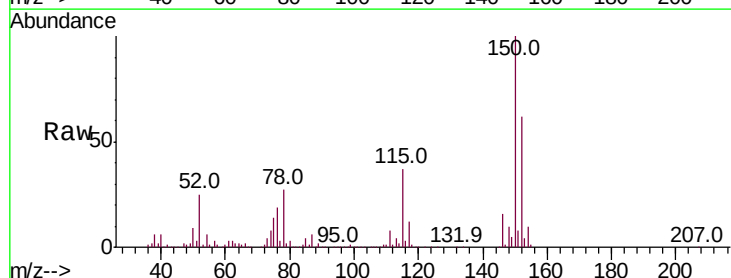
Tgt Ion:152 Resp: 494855

Ion Ratio Lower Upper

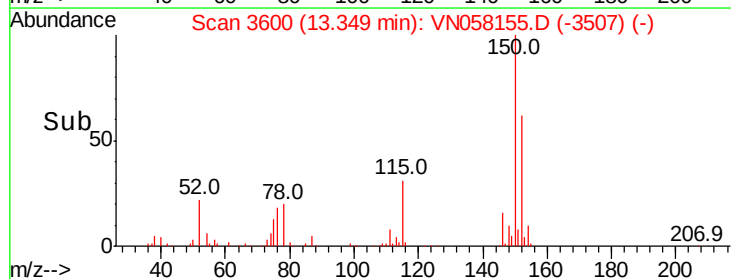
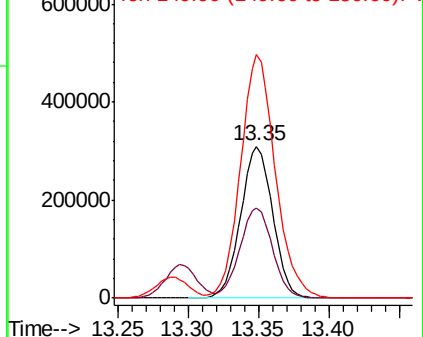
152 100

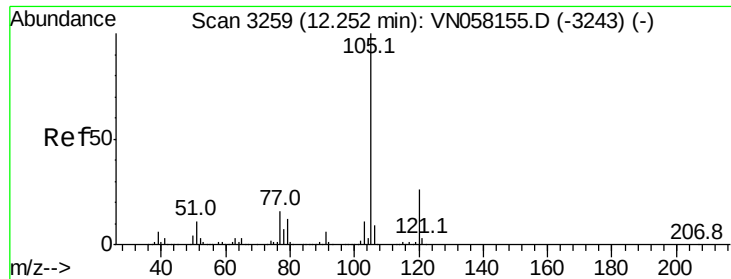
115 60.2 30.1 90.3

150 173.2 0.0 346.4



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

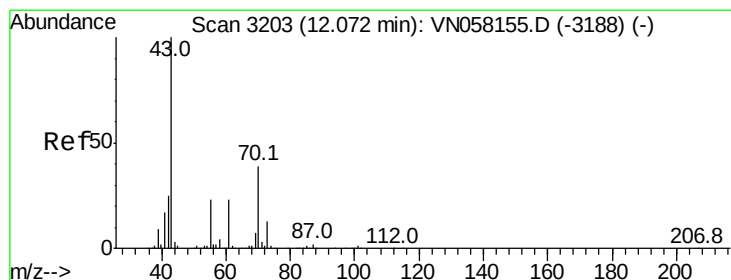
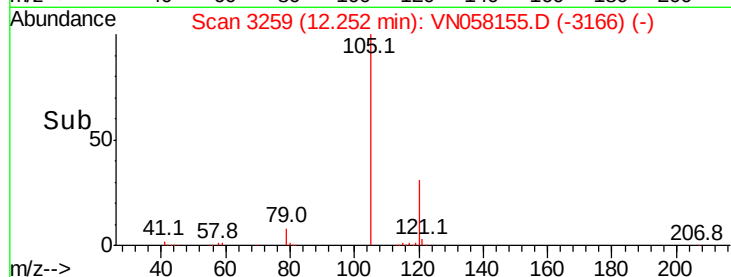
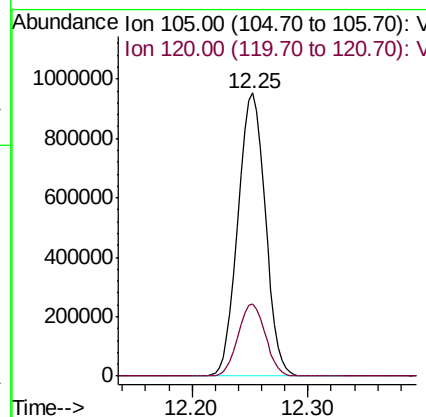
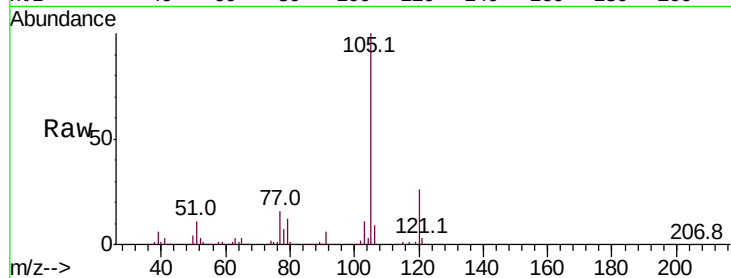




#73
Isopropylbenzene
Concen: 41.884 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

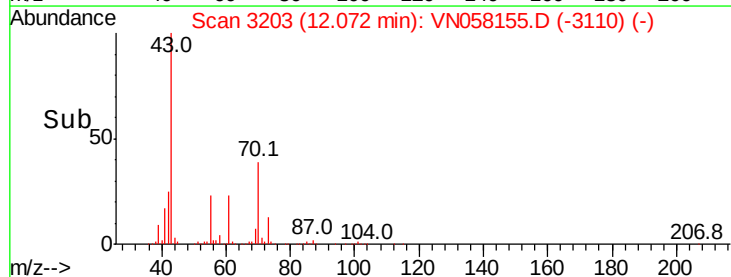
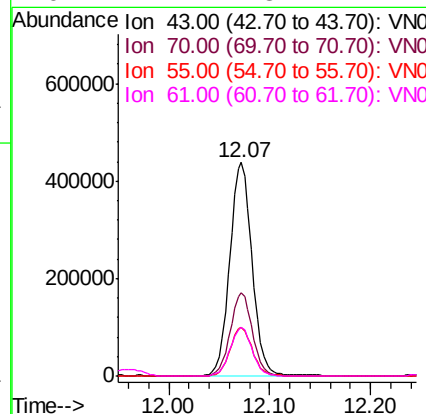
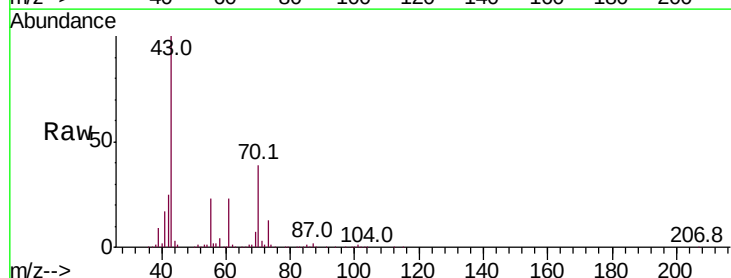
Instrument :
MSVOA_N
ClientSampled :

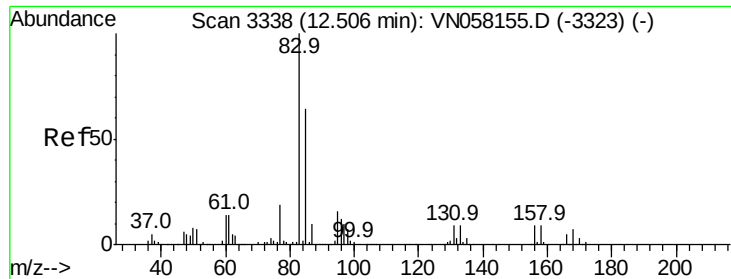
Tot Ion:105 Resp: 1553330
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 42.107 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 43 Resp: 675801
Ion Ratio Lower Upper
43 100
70 38.8 31.0 46.6
55 23.1 18.5 27.7
61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 40.765 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

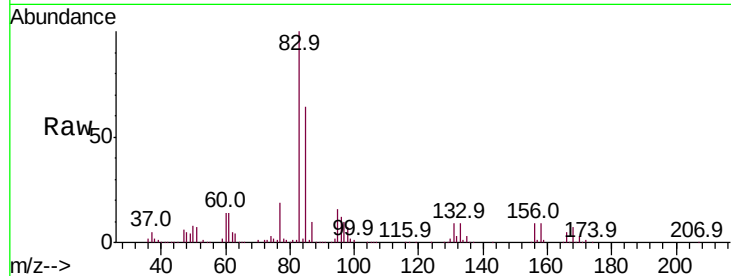
Tot Ion: 83 Resp: 508721

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

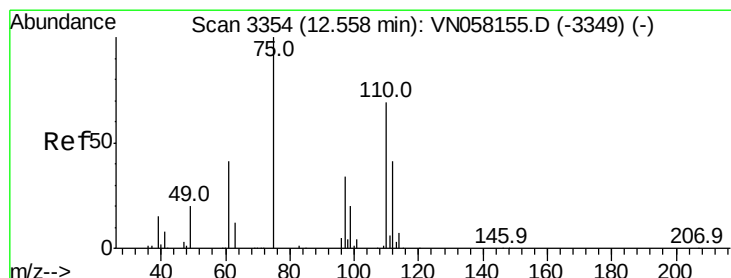
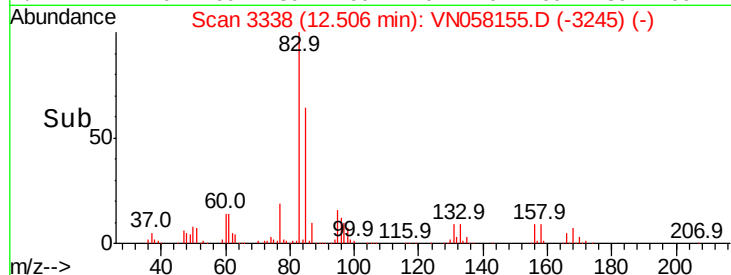
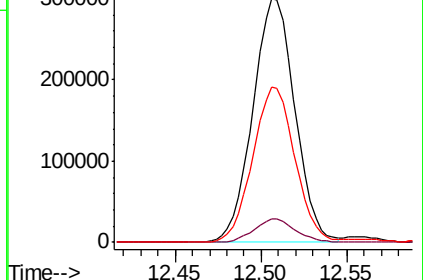
85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 58.133 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058155.D

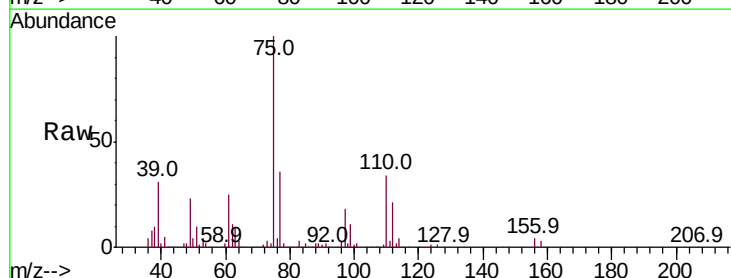
Acq: 18 Sep 2019 10:27

Tgt Ion: 75 Resp: 624213

Ion Ratio Lower Upper

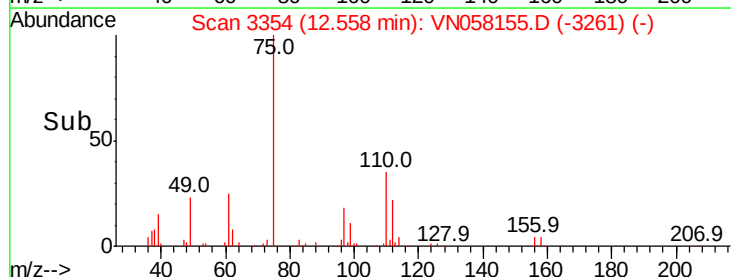
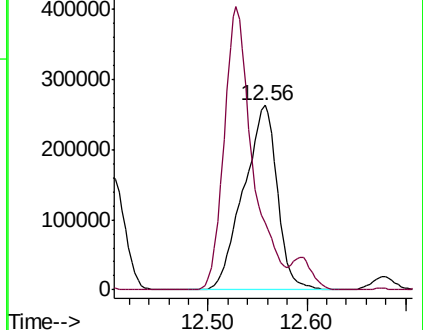
75 100

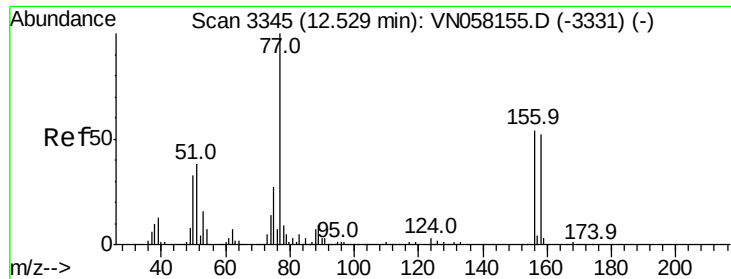
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

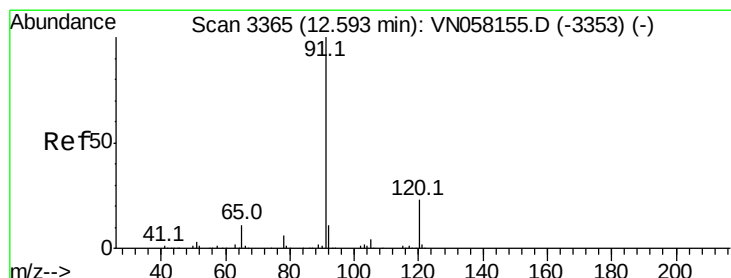
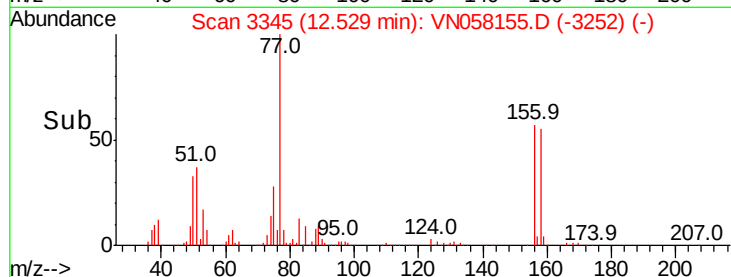
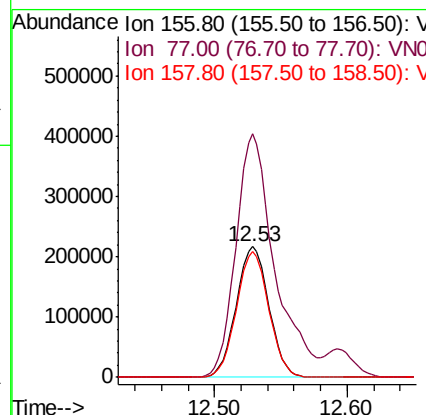
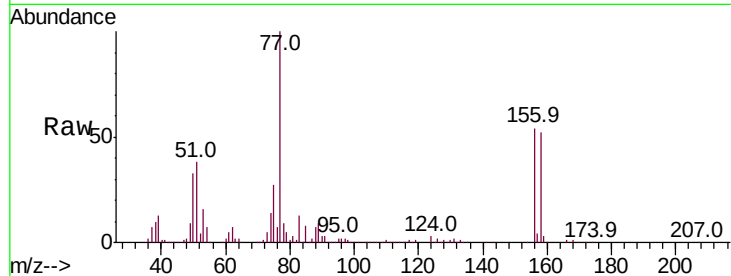




#77
Bromobenzene
Concen: 39.652 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

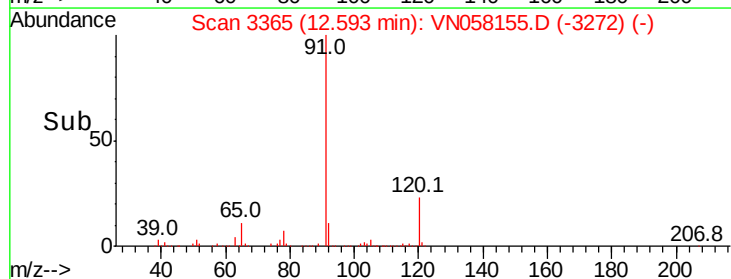
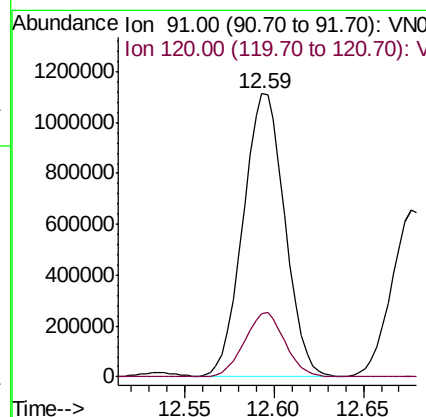
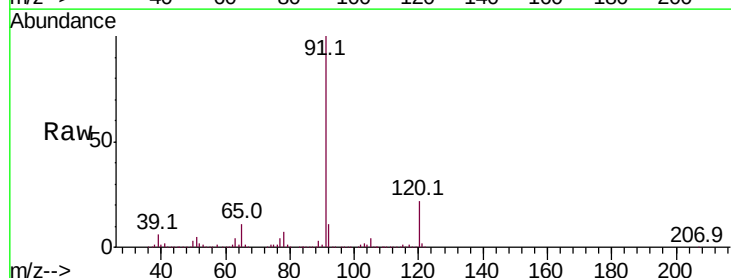
Instrument :
MSVOA_N
ClientSampled :

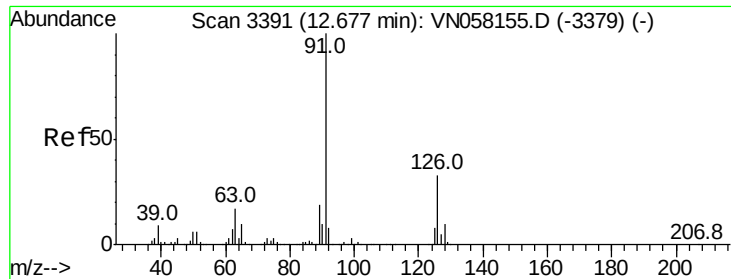
Tot Ion:156 Resp: 368611
Ion Ratio Lower Upper
156 100
77 223.4 111.7 335.1
158 95.9 47.9 143.8



#78
n-propylbenzene
Concen: 42.594 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 91 Resp: 1811275
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3

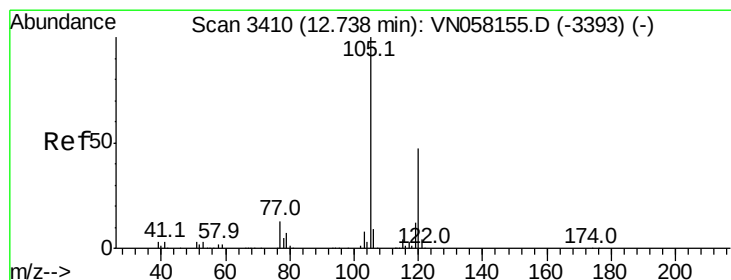
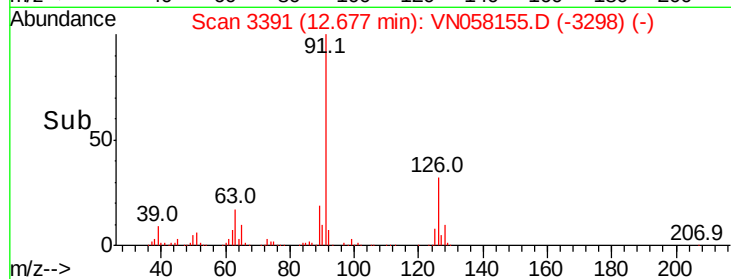
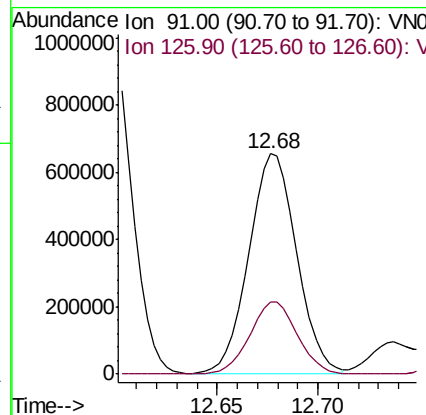
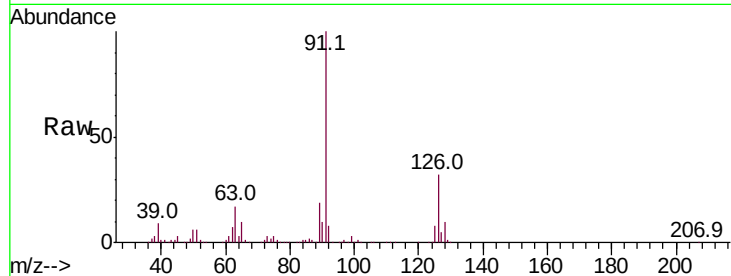




#79
 2-Chlorotoluene
 Concen: 40.250 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

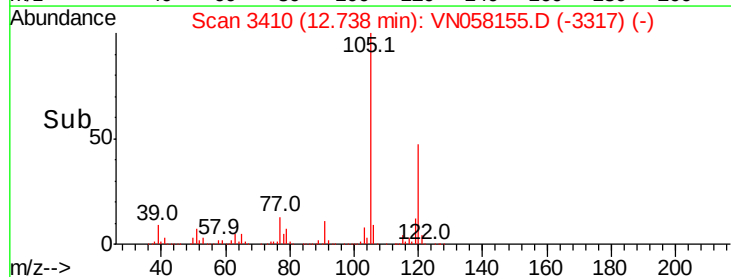
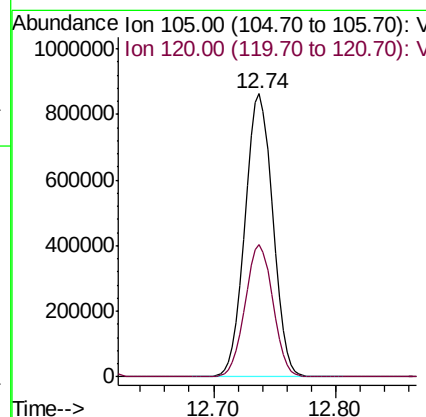
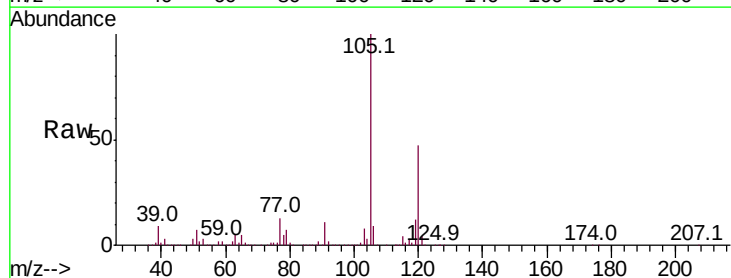
Instrument :
 MSVOA_N
 ClientSampled :

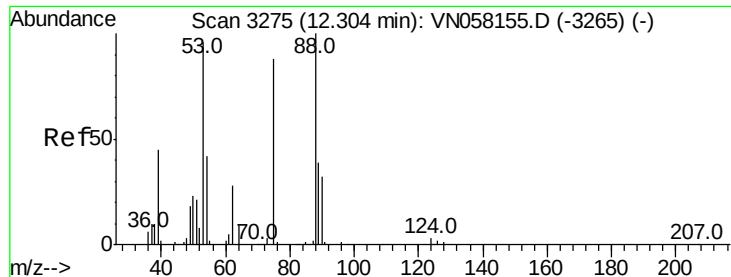
Tot Ion: 91 Resp: 1084470
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 43.004 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion:105 Resp: 1349044
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0

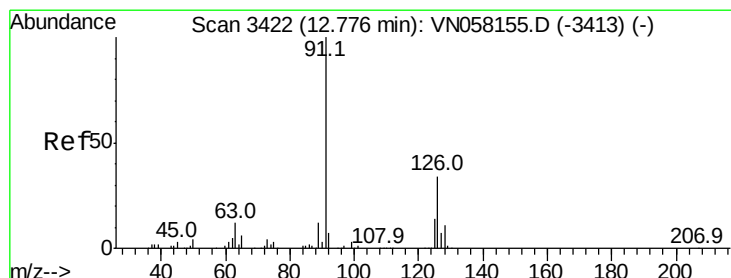
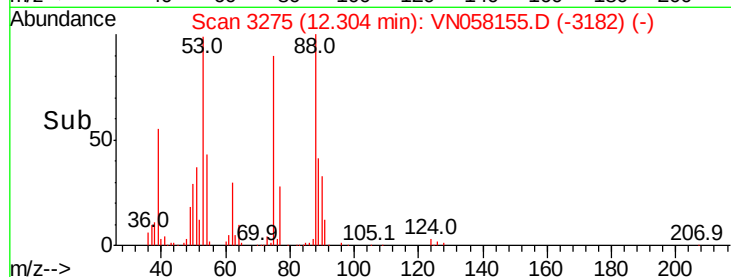
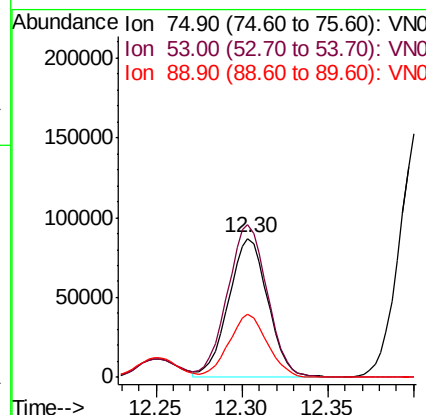
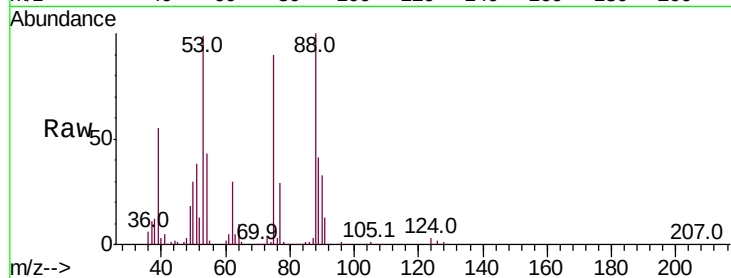




#81
trans-1,4-Dichloro-2-butene
Concen: 45.356 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

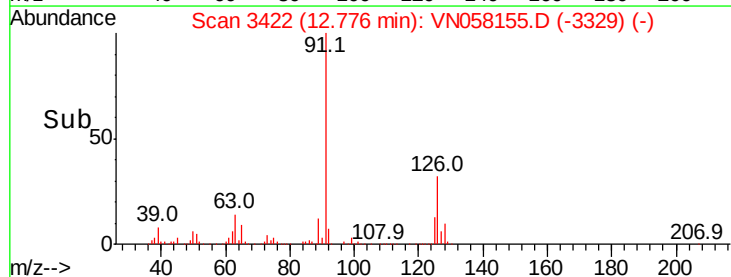
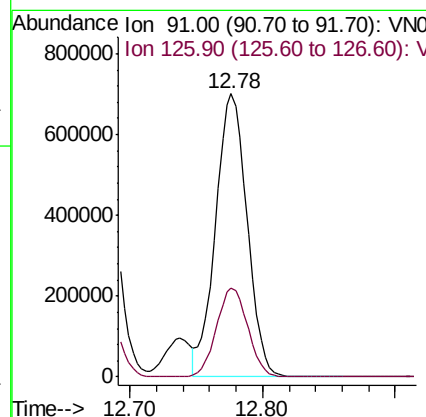
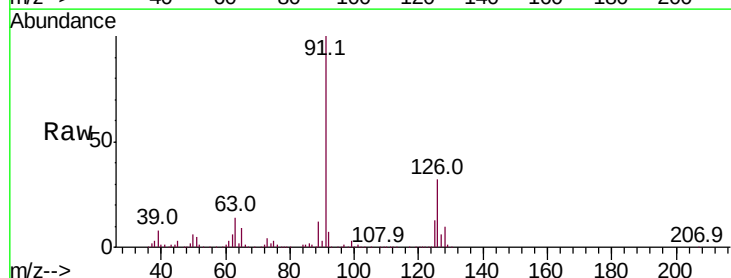
Instrument :
MSVOA_N
ClientSampled :

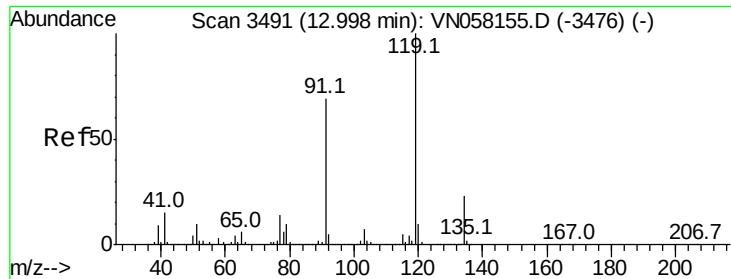
Tot Ion: 75 Resp: 137774
Ion Ratio Lower Upper
75 100
53 112.6 90.1 135.1
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 41.728 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058155.D
Acq: 18 Sep 2019 10:27

Tgt Ion: 91 Resp: 1154731
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

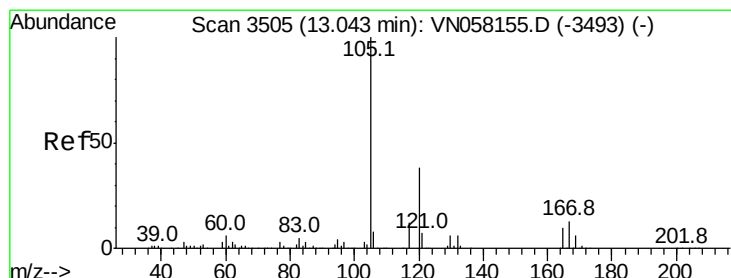
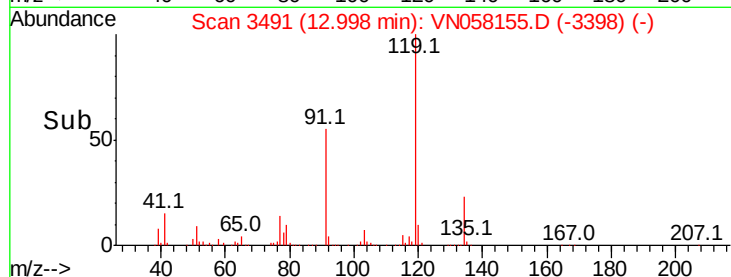
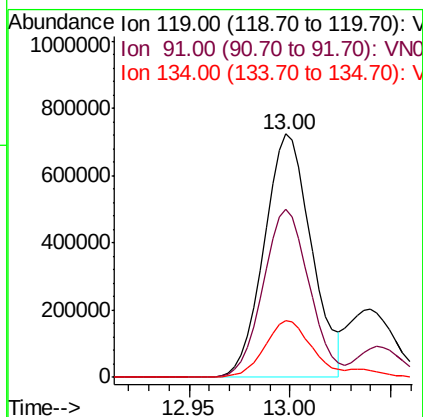
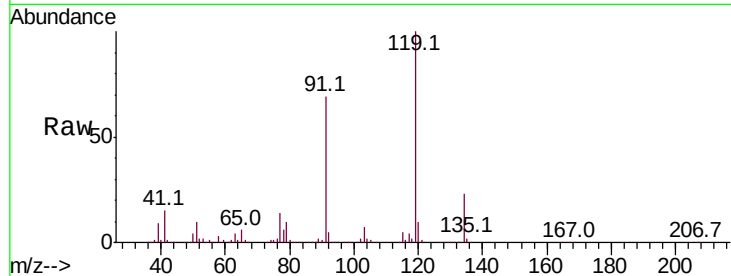




#83
 tert-Butylbenzene
 Concen: 42.268 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

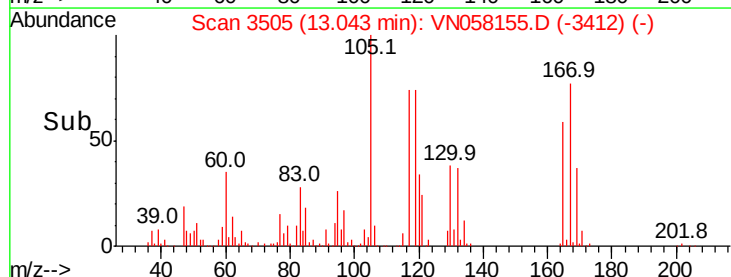
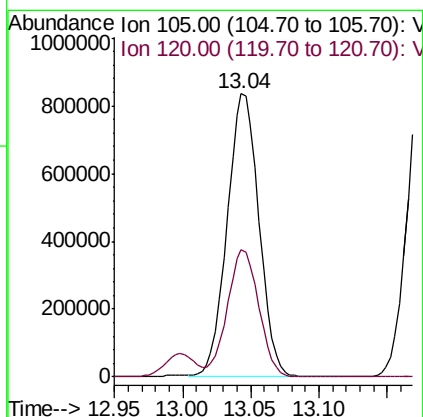
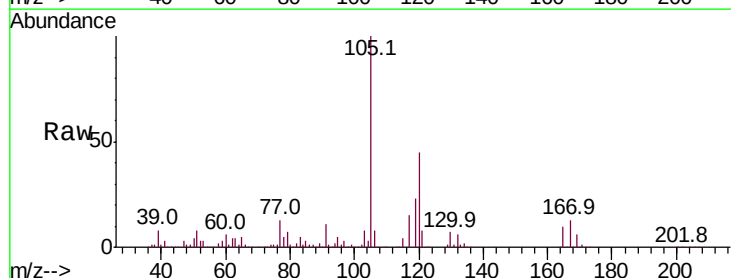
Instrument :
 MSVOA_N
 ClientSampled :

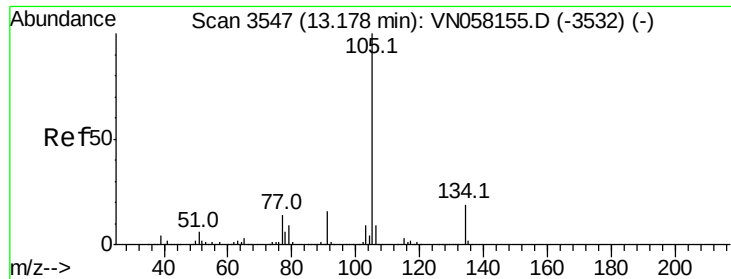
Tot Ion:119 Resp: 1178203
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.8 101.3
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 42.421 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion:105 Resp: 1348691
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 43.100 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

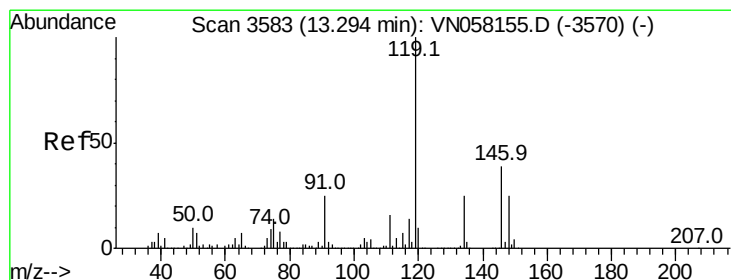
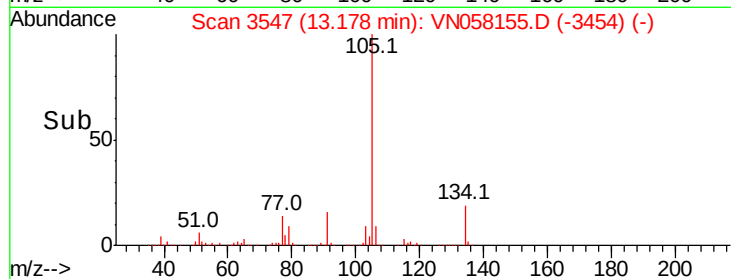
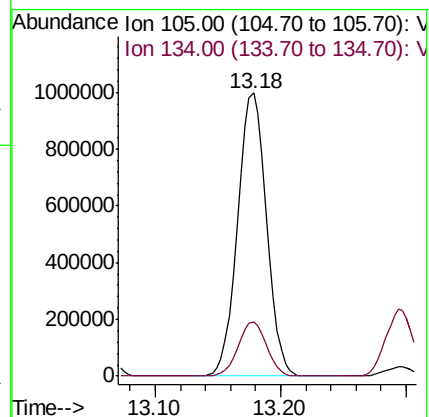
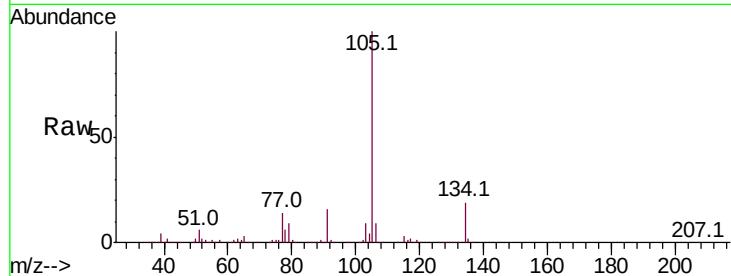
ClientSampled :

Tot Ion:105 Resp: 1590169

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 44.258 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

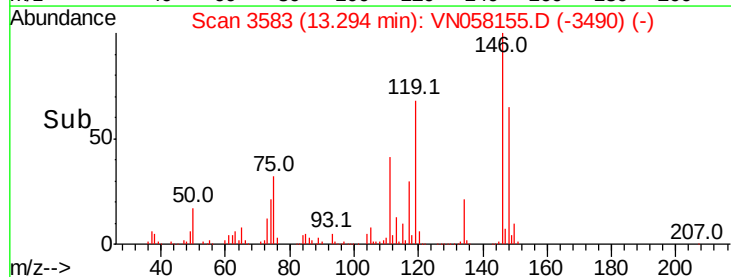
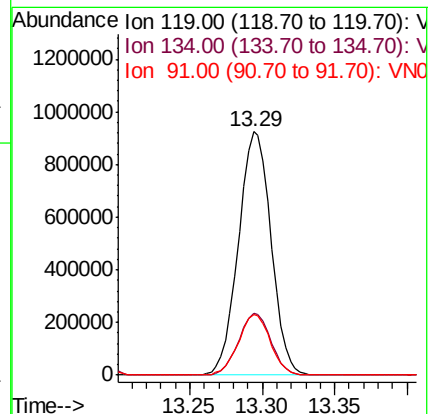
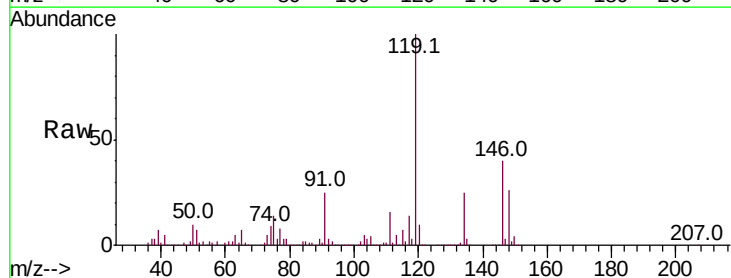
Tgt Ion:119 Resp: 1436819

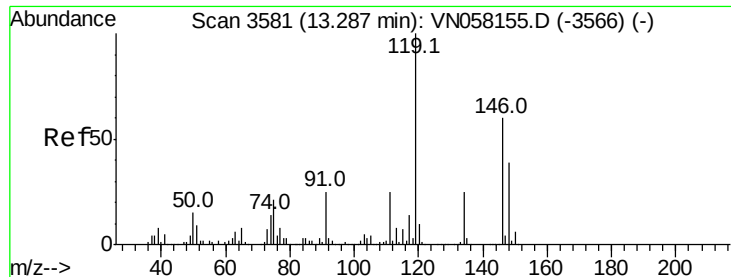
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.5 12.3 36.8

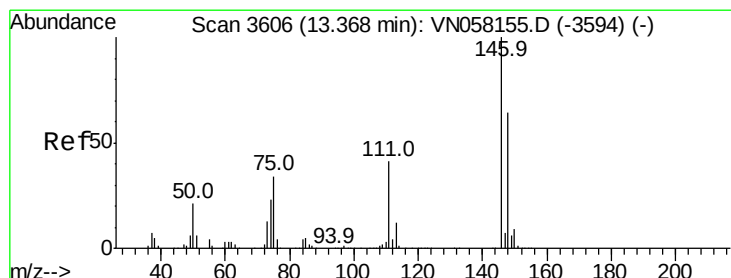
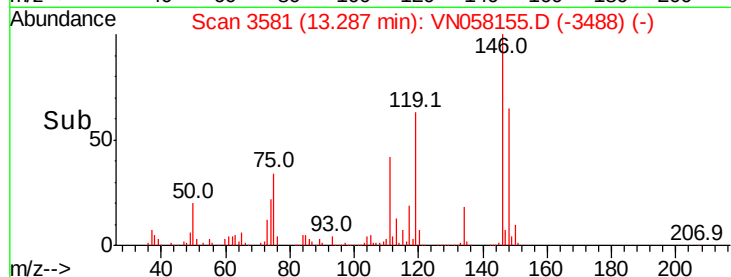
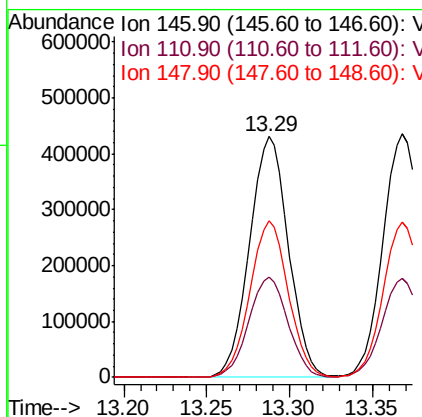
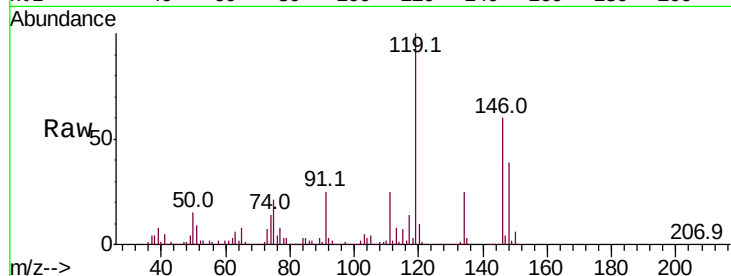




#87
 1,3-Dichlorobenzene
 Concen: 41.428 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

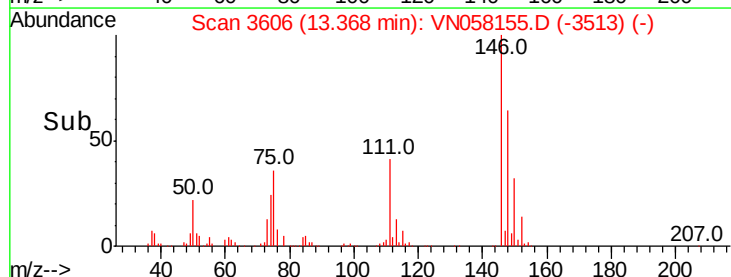
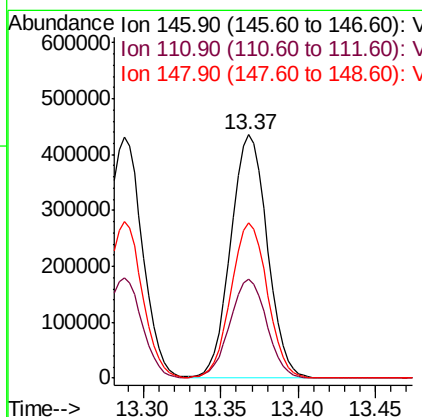
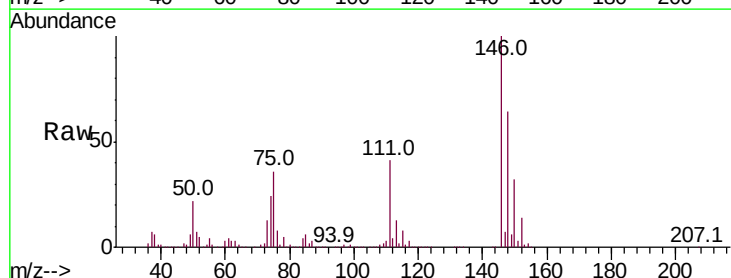
Instrument :
 MSVOA_N
 ClientSampled :

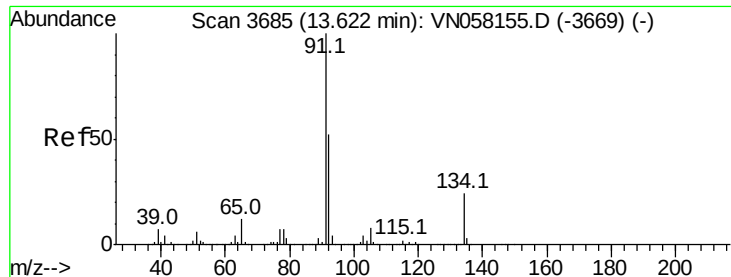
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 41.316 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.7	31.9	95.5





#89

n-Butylbenzene

Concen: 44.411 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

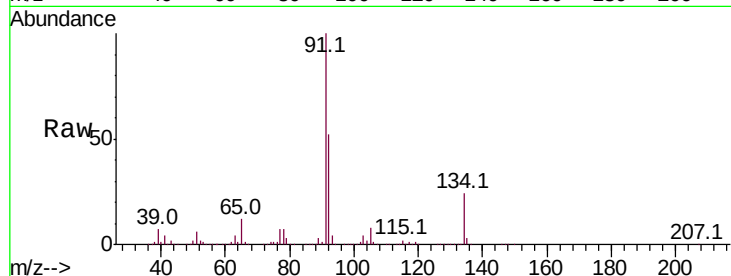
Tot Ion: 91 Resp: 1366291

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

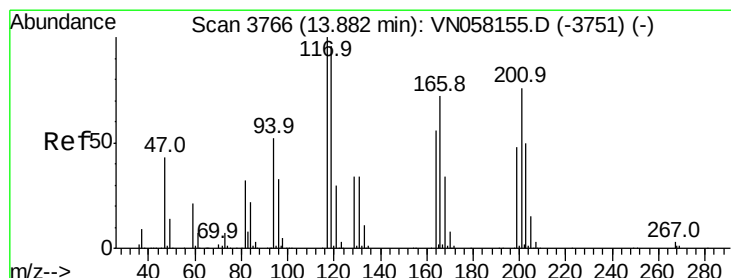
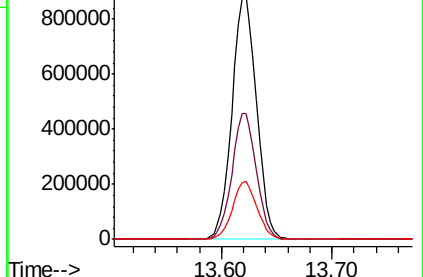
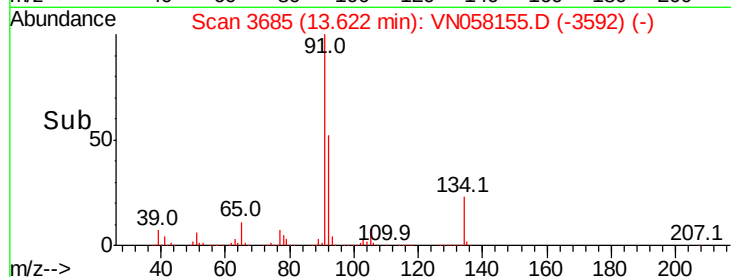
134 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058155.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058155.D (-3669) (-)



#90

Hexachloroethane

Concen: 46.119 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058155.D

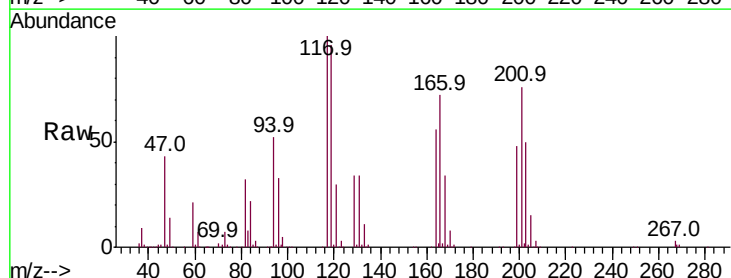
Acq: 18 Sep 2019 10:27

Tgt Ion: 117 Resp: 223930

Ion Ratio Lower Upper

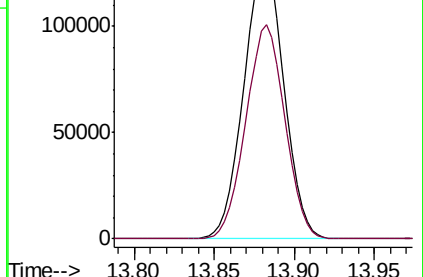
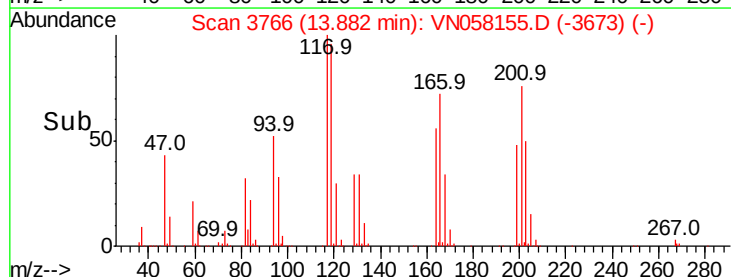
117 100

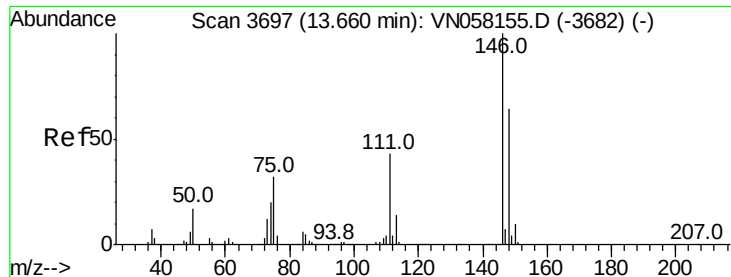
201 75.0 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): VN058155.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058155.D (-3751) (-)

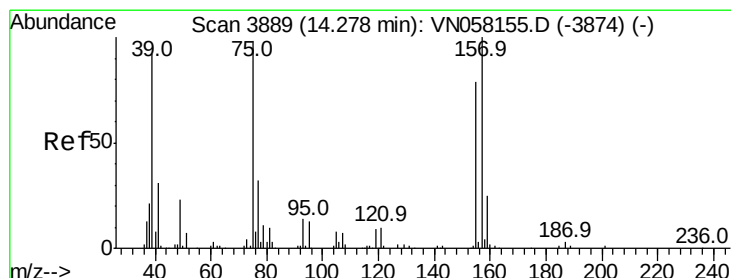
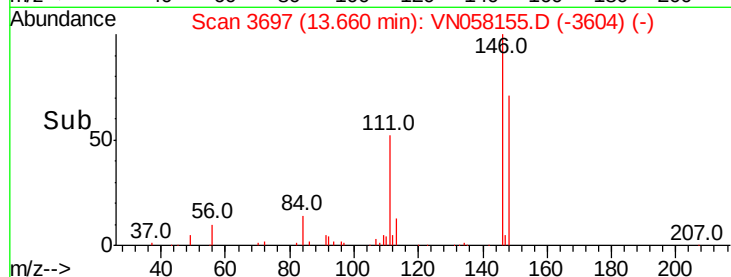
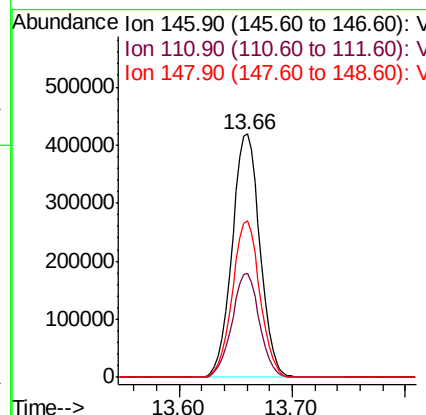
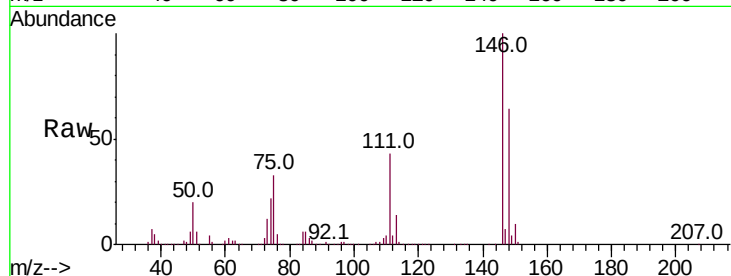




#91
 1,2-Dichlorobenzene
 Concen: 42.041 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

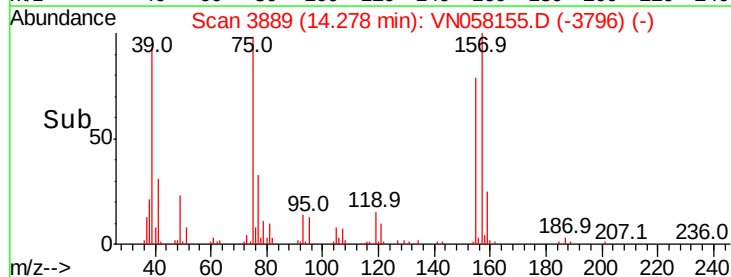
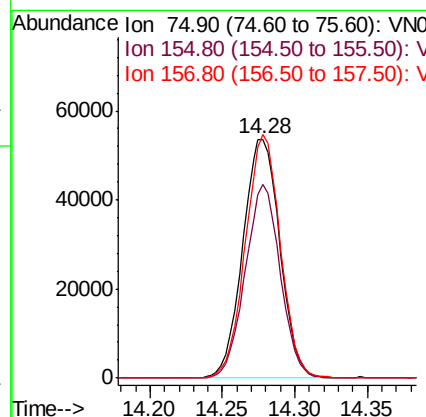
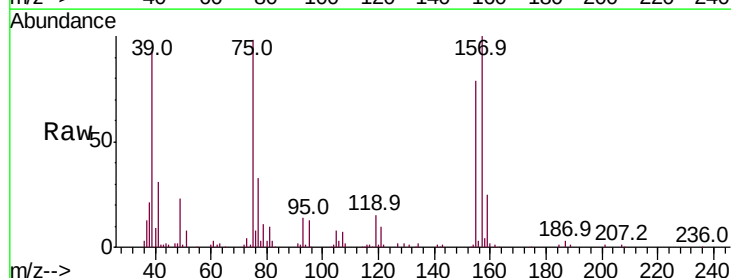
Instrument :
 MSVOA_N
 ClientSampleId :

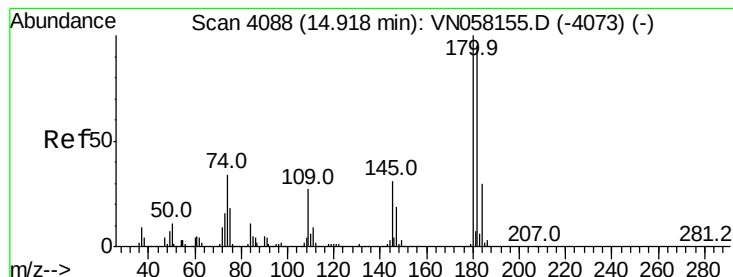
Tot Ion:146 Resp: 715169
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.133 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058155.D
 Acq: 18 Sep 2019 10:27

Tgt Ion: 75 Resp: 95483
 Ion Ratio Lower Upper
 75 100
 155 76.5 38.3 114.8
 157 96.0 48.0 144.0





#93

1,2,4-Trichlorobenzene

Concen: 41.500 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

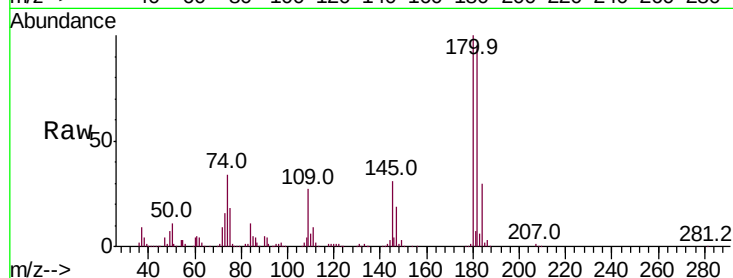
Tot Ion:180 Resp: 466458

Ion Ratio Lower Upper

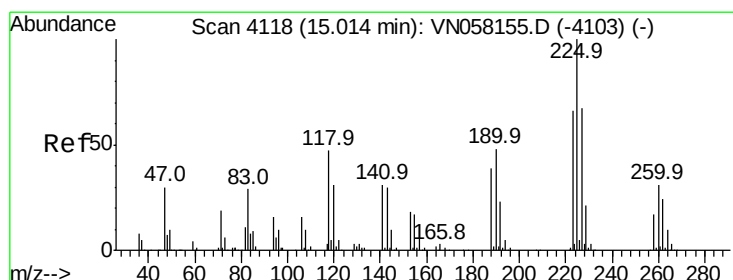
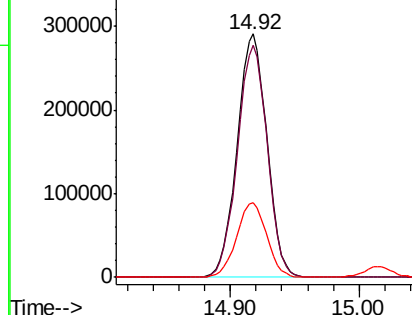
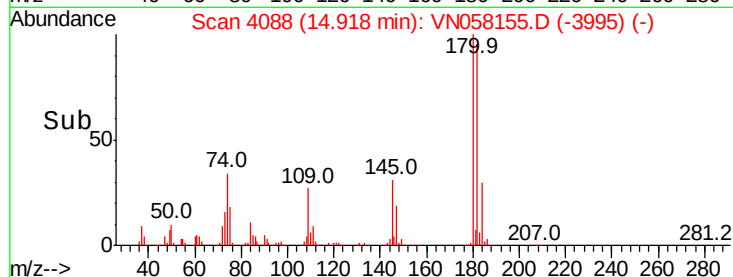
180 100

182 95.5 47.8 143.3

145 30.9 15.4 46.4



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



#94

Hexachlorobutadiene

Concen: 44.882 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

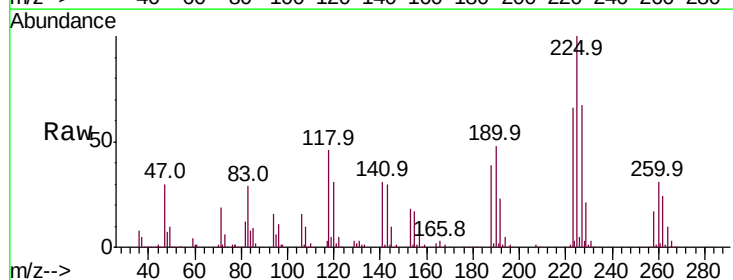
Tgt Ion:225 Resp: 216304

Ion Ratio Lower Upper

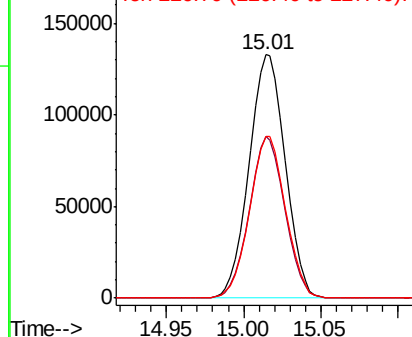
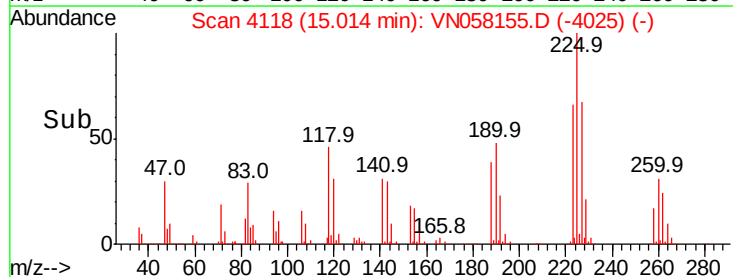
225 100

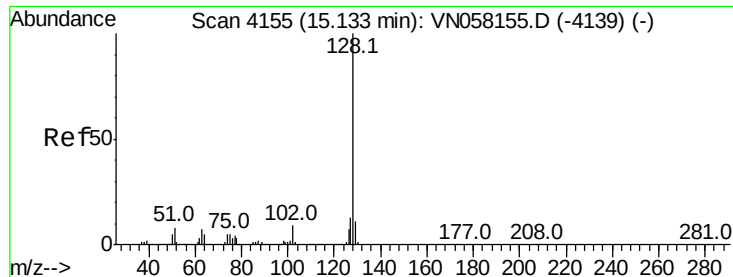
223 65.1 32.6 97.7

227 66.0 33.0 99.0



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





#95

Naphthalene

Concen: 39.964 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

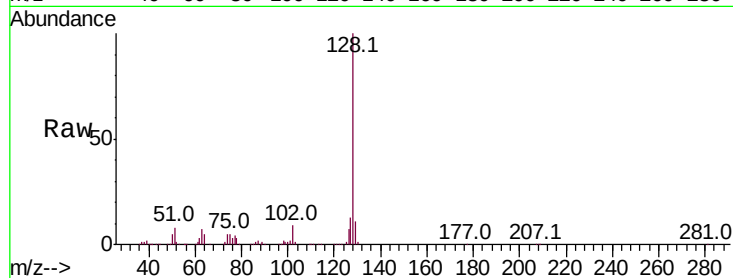
Tot Ion:128 Resp: 1287018

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

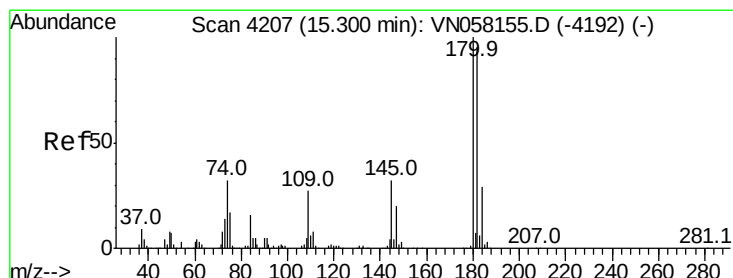
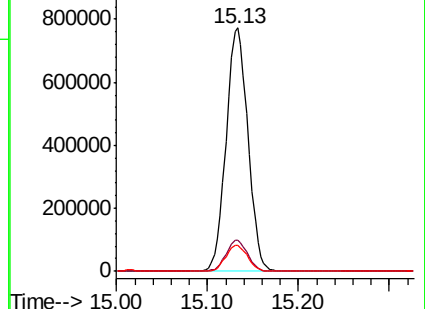
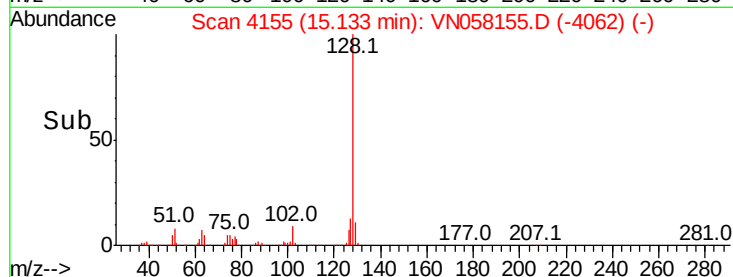
129 10.7 8.6 12.8



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: 40.703 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058155.D

Acq: 18 Sep 2019 10:27

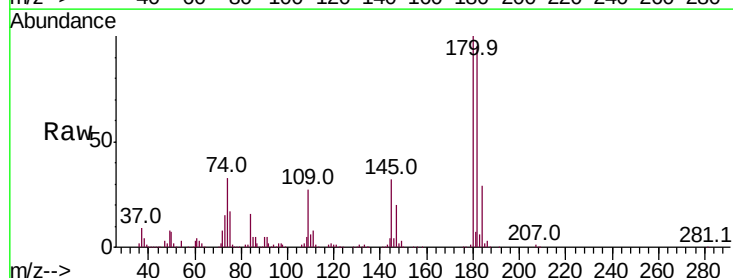
Tgt Ion:180 Resp: 447500

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 32.1 16.1 48.2



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

