

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058702.D
 Acq On : 11 Oct 2019 14:52
 Operator : JC/SP
 Sample : K5111-08 0.2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 00:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	712297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	634258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	311584	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.57	113	219248	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.08	98	844632	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.40	95	296117	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	1158	0.213	ug/l 99
3) Chloromethane	2.04	50	1973	0.305	ug/l 91
4) Vinyl Chloride	2.17	62	1672	0.260	ug/l 93
5) Bromomethane	2.55	94	1417	0.362	ug/l 90
6) Chloroethane	2.69	64	1168	0.294	ug/l # 88
7) Trichlorofluoromethane	3.00	101	1627	0.211	ug/l 89
10) Methyl Iodide	3.94	142	1403	0.234	ug/l # 51
11) Tert butyl alcohol	4.74	59	275	0.278	ug/l # 72
12) 1,1-Dichloroethene	3.71	96	1140	0.272	ug/l # 82
13) Acrolein	3.57	56	463	0.582	ug/l # 1
14) Allyl chloride	4.31	41	2379	0.281	ug/l # 70
15) Acrylonitrile	4.97	53	2821	1.130	ug/l # 73
16) Acetone	3.79	43	3925	1.552	ug/l 96
17) Carbon Disulfide	4.02	76	5948	0.444	ug/l # 91
19) Methyl tert-butyl Ether	5.02	73	2994	0.200	ug/l 96
20) Methylene Chloride	4.52	84	2135	0.404	ug/l # 89
23) Vinyl Acetate	5.88	43	13919	1.049	ug/l 97
24) 1,1-Dichloroethane	5.82	63	2151	0.230	ug/l # 85
25) 2-Butanone	6.82	43	5078	1.389	ug/l 99
26) 2,2-Dichloropropane	6.80	77	3602	0.421	ug/l # 62
27) cis-1,2-Dichloroethene	6.82	96	1434	0.262	ug/l # 1
29) Tetrahydrofuran	7.20	42	2521	1.067	ug/l # 74
30) Chloroform	7.36	83	3279	0.348	ug/l 87
31) Cyclohexane	7.65	56	11909	1.329	ug/l # 20
36) 1,1-Dichloropropene	7.77	75	2093	0.291	ug/l # 78
38) Carbon Tetrachloride	7.74	117	1500	0.214	ug/l 89
39) Methylcyclohexane	9.07	83	1717	0.205	ug/l 89
40) Benzene	8.03	78	5046	0.244	ug/l 99
42) 1,2-Dichloroethane	8.11	62	2461	0.310	ug/l 88
43) Isopropyl Acetate	8.14	43	2681	0.216	ug/l # 71
44) Trichloroethene	8.82	130	1359	0.265	ug/l 94
47) Bromodichloromethane	9.39	83	1536	0.215	ug/l # 96
48) Methyl methacrylate	9.19	41	1194	0.212	ug/l 84
49) 1,4-Dioxane	9.20	88	524	6.022	ug/l # 44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
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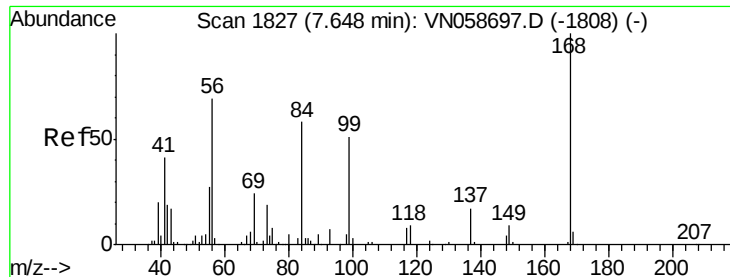
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 00:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 4-Methyl-2-Pentanone	9.98	43	8262	1.186	ug/l	93
52) Toluene	10.15	92	3114	0.246	ug/l	90
53) t-1,3-Dichloropropene	10.38	75	2428	0.296	ug/l #	1
54) cis-1,3-Dichloropropene	9.83	75	2807	0.322	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1171	0.226	ug/l #	70
56) Ethyl methacrylate	10.42	69	1530	0.202	ug/l #	68
57) 1,3-Dichloropropane	10.71	76	2013	0.228	ug/l #	84
58) 2-Chloroethyl Vinyl ether	9.69	63	2515	0.690	ug/l	99
59) 2-Hexanone	10.75	43	6388	1.186	ug/l	93
61) 1,2-Dibromoethane	11.00	107	1081	0.208	ug/l	98
64) Tetrachloroethene	10.63	164	1277	0.288	ug/l	88
65) Chlorobenzene	11.43	112	3336	0.259	ug/l	96
67) Ethyl Benzene	11.51	91	6001	0.261	ug/l	96
68) m/p-Xylenes	11.62	106	4467	0.518	ug/l	90
69) o-Xylene	11.95	106	1836	0.220	ug/l	90
70) Styrene	11.97	104	2875	0.210	ug/l #	86
71) Bromoform	12.12	173	715	0.205	ug/l #	28
73) Isopropylbenzene	12.25	105	5166	0.260	ug/l	96
74) N-amyl acetate	12.07	43	2269	0.254	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.51	83	1726	0.263	ug/l #	95
76) 1,2,3-Trichloropropane	12.40	75	157187	26.094	ug/l #	100
77) Bromobenzene	12.53	156	1408	0.291	ug/l	92
78) n-propylbenzene	12.60	91	6483	0.280	ug/l	95
79) 2-Chlorotoluene	12.68	91	4020	0.279	ug/l	96
80) 1,3,5-Trimethylbenzene	12.74	105	4435	0.261	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	157187	69.897	ug/l #	11
82) 4-Chlorotoluene	12.78	91	4094	0.277	ug/l	95
83) tert-Butylbenzene	13.00	119	3800	0.261	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	4331	0.257	ug/l	100
85) sec-Butylbenzene	13.18	105	4722	0.246	ug/l	98
86) p-Isopropyltoluene	13.30	119	4872	0.280	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	2697	0.302	ug/l	79
88) 1,4-Dichlorobenzene	13.29	146	2697	0.297	ug/l	81
89) n-Butylbenzene	13.62	91	4087	0.254	ug/l	92
90) Hexachloroethane	13.88	117	709	0.227	ug/l	77
91) 1,2-Dichlorobenzene	13.66	146	2115	0.243	ug/l	80
92) 1,2-Dibromo-3-Chloropropan	14.27	75	519	0.339	ug/l #	46
93) 1,2,4-Trichlorobenzene	14.92	180	2384	0.450	ug/l	94
94) Hexachlorobutadiene	15.02	225	743	0.266	ug/l	94
95) Naphthalene	15.13	128	7466	0.490	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	2426	0.469	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

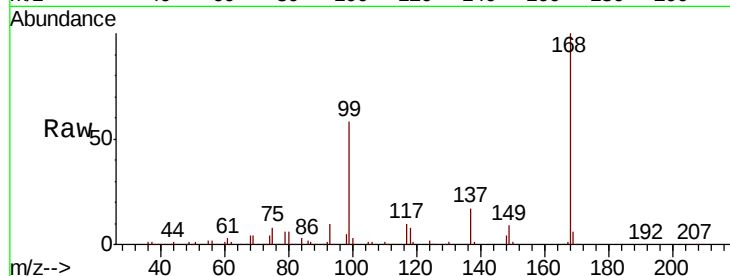
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 436449

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

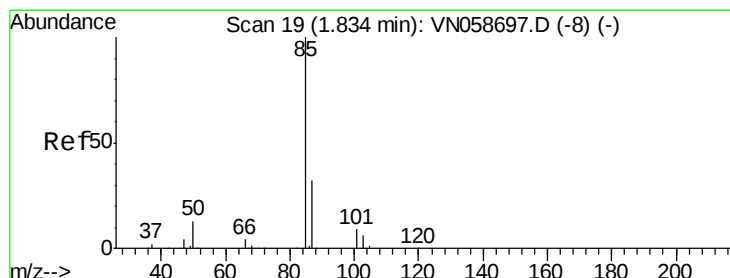
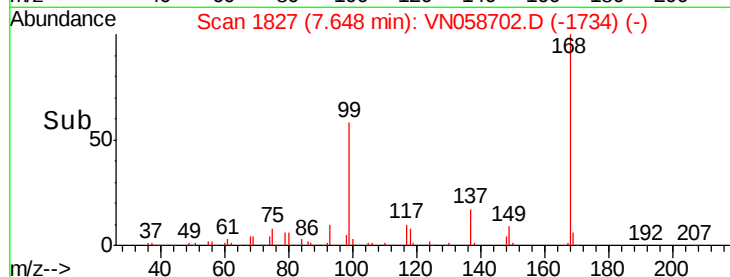
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.213 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058702.D

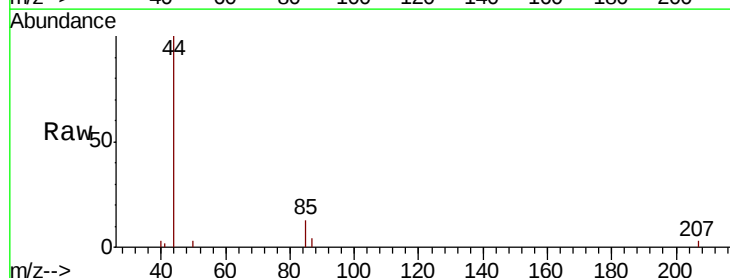
Acq: 11 Oct 2019 14:52

Tgt Ion: 85 Resp: 1158

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

1000

800

600

400

200

0

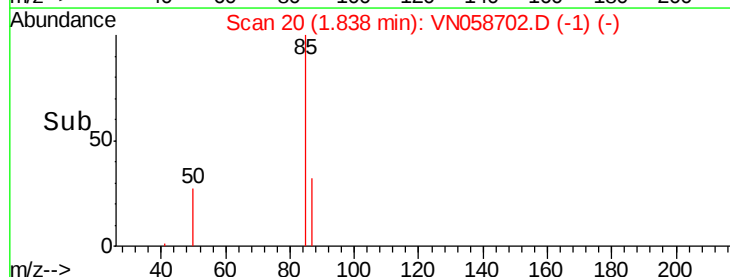
1.80

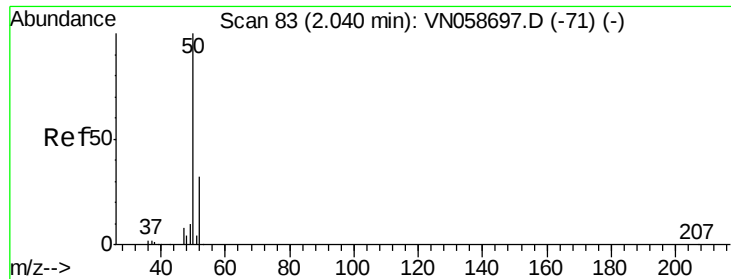
1.82

1.84

1.86

Time-->





#3

Chloromethane

Concen: 0.305 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

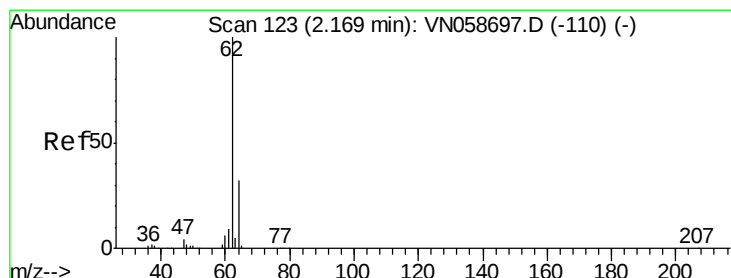
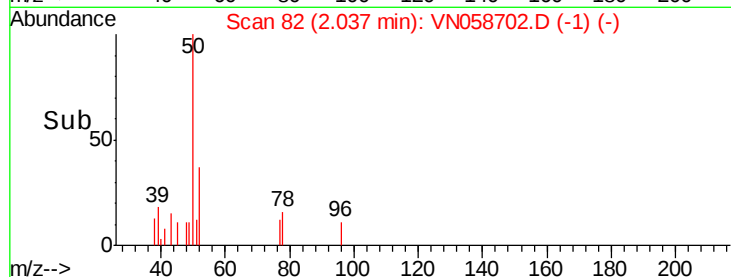
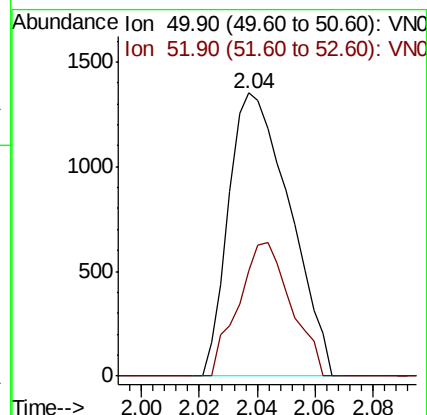
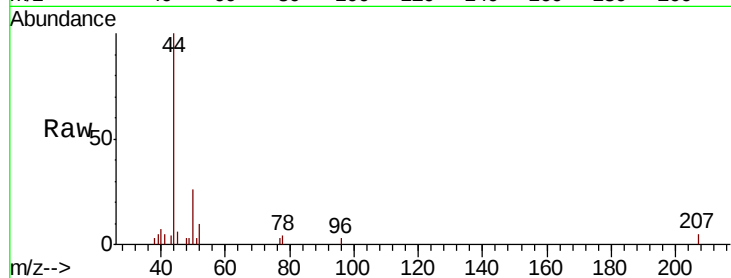
ClientSampled :

Tot Ion: 50 Resp: 1973

Ion Ratio Lower Upper

50 100

52 37.4 25.8 38.6



#4

Vinyl Chloride

Concen: 0.260 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058702.D

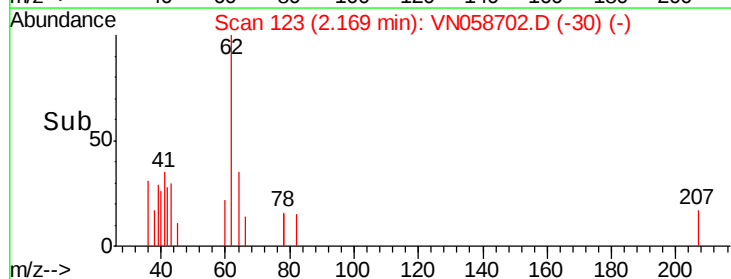
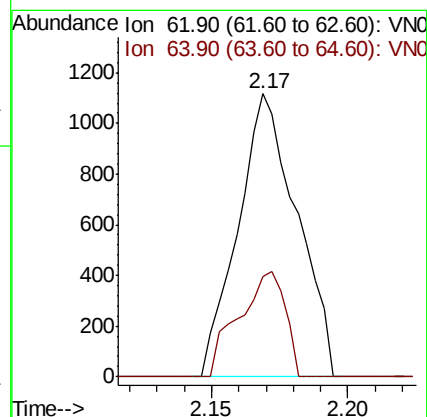
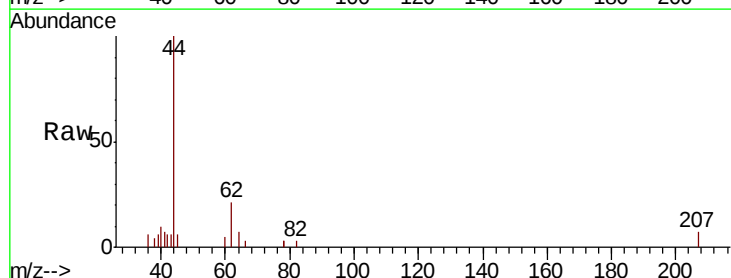
Acq: 11 Oct 2019 14:52

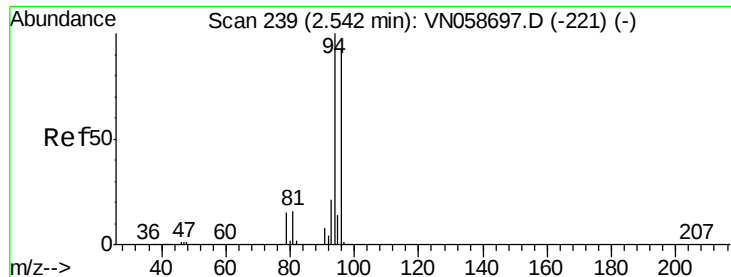
Tgt Ion: 62 Resp: 1672

Ion Ratio Lower Upper

62 100

64 35.4 25.3 37.9





#5

Bromomethane

Concen: 0.362 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

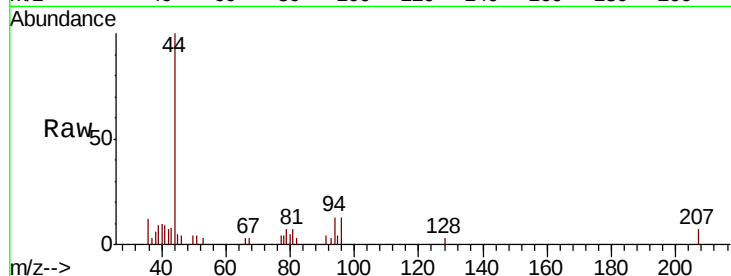
ClientSampled :

Tot Ion: 94 Resp: 1417

Ion Ratio Lower Upper

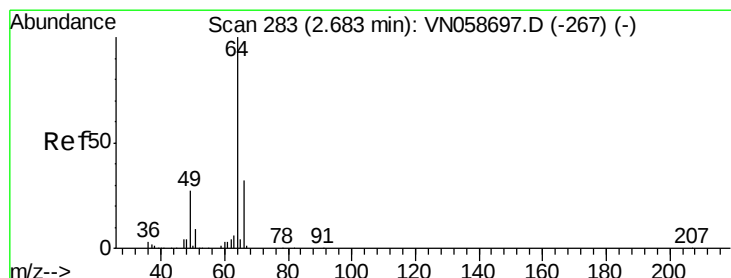
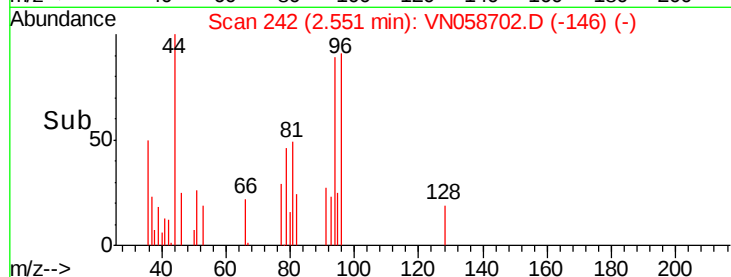
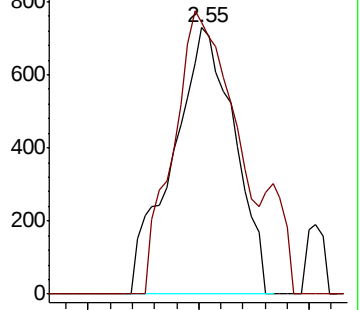
94 100

96 102.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.294 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058702.D

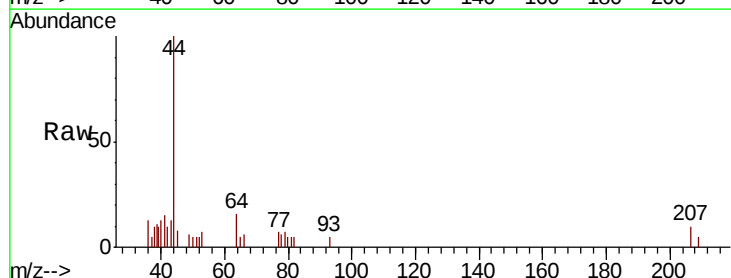
Acq: 11 Oct 2019 14:52

Tgt Ion: 64 Resp: 1168

Ion Ratio Lower Upper

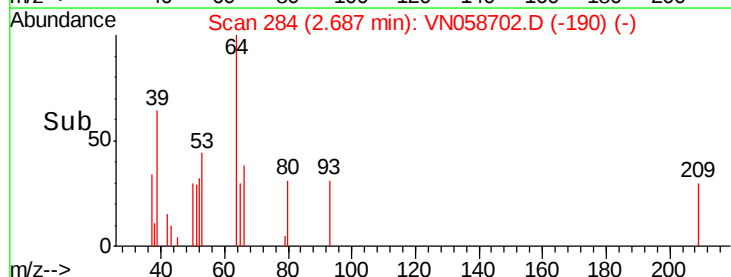
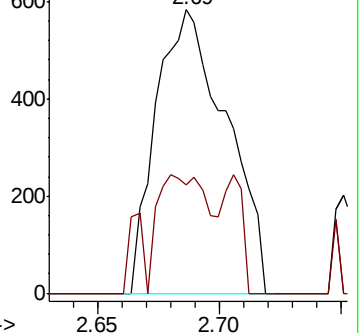
64 100

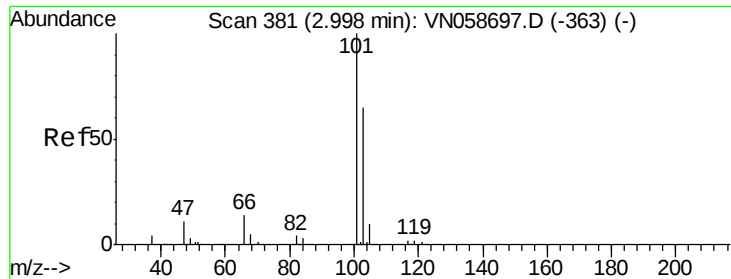
66 38.4 25.4 38.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



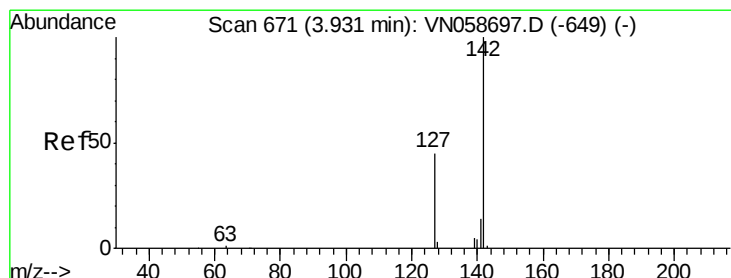
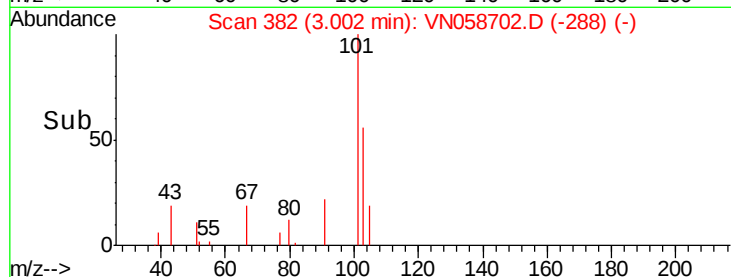
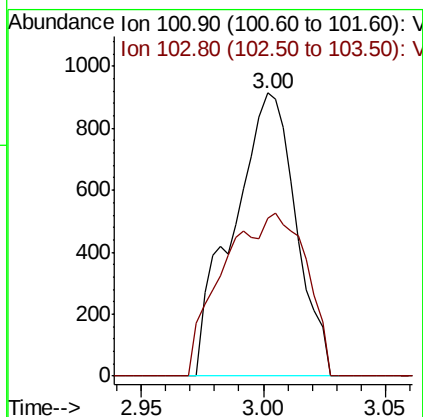
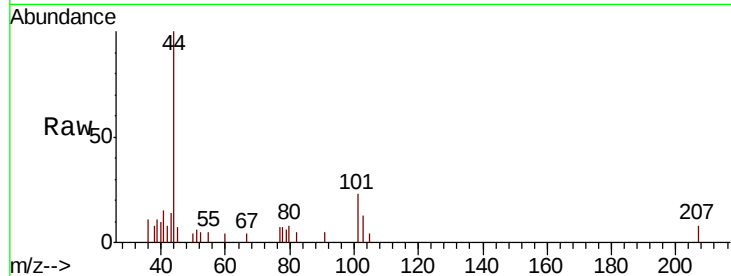


#7

Trichlorofluoromethane
Concen: 0.211 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

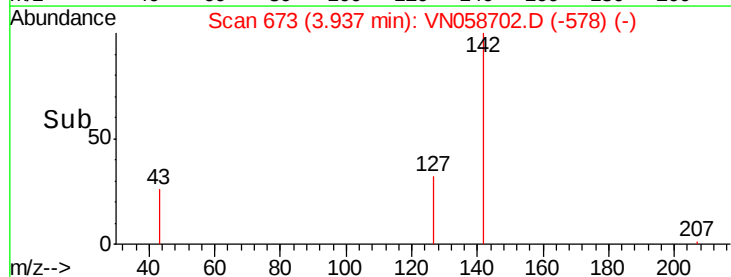
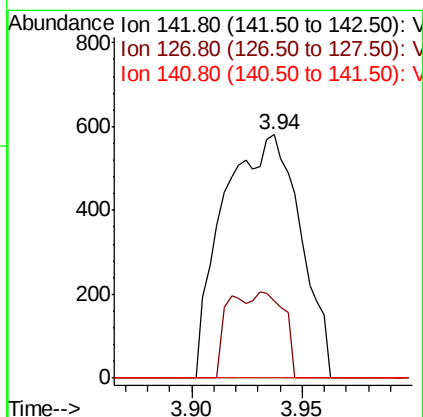
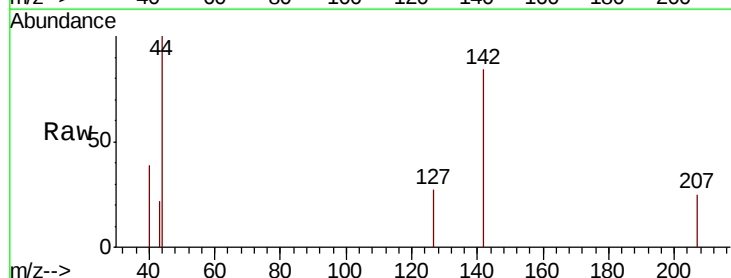
Tot Ion:101 Resp: 1627
Ion Ratio Lower Upper
101 100
103 55.9 51.8 77.6

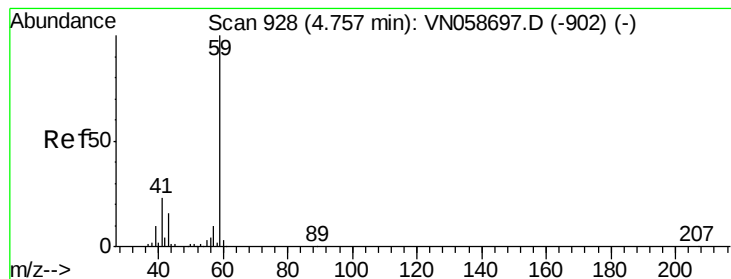


#10

Methyl Iodide
Concen: 0.234 ug/l
RT: 3.94 min Scan# 673
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion:142 Resp: 1403
Ion Ratio Lower Upper
142 100
127 10.1 36.4 54.6#
141 0.0 11.1 16.7#



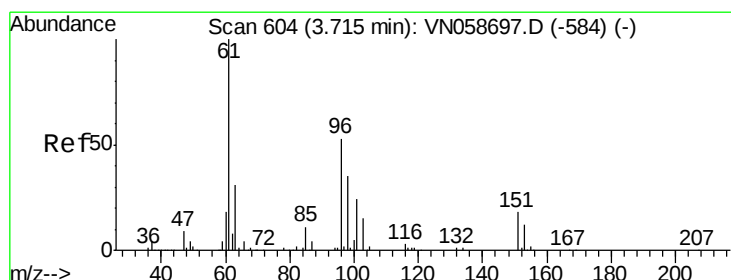
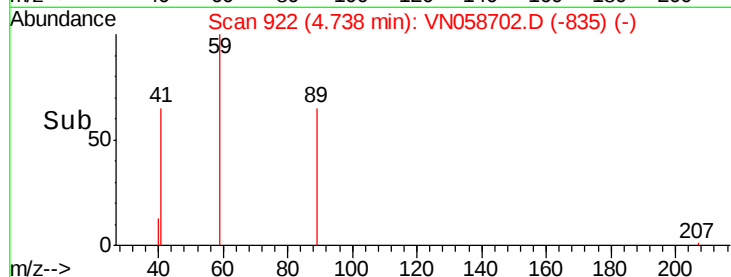
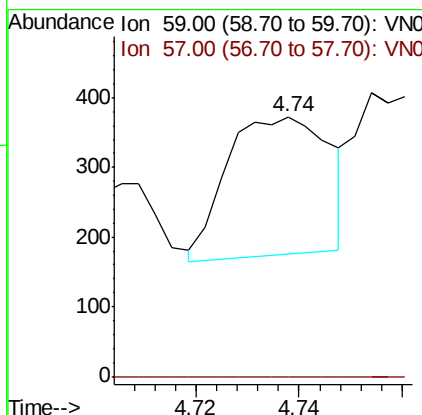
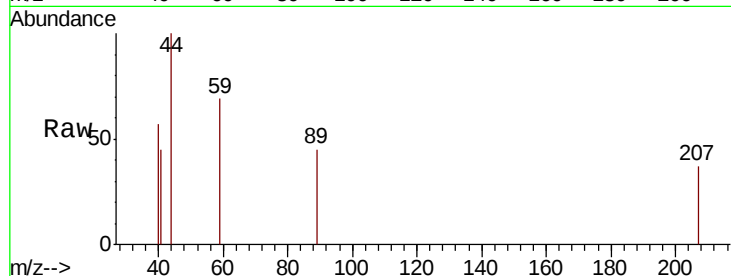


#11

Tert butyl alcohol
 Concen: 0.278 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Instrument :
 MSVOA_N
 ClientSampled :

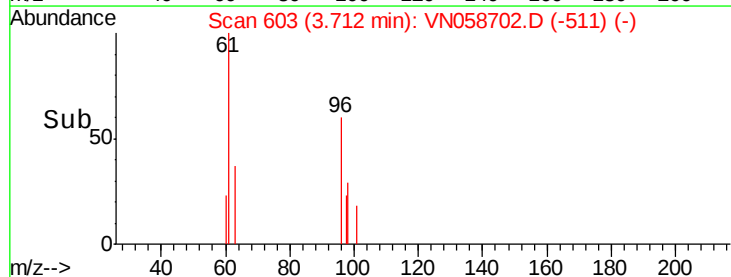
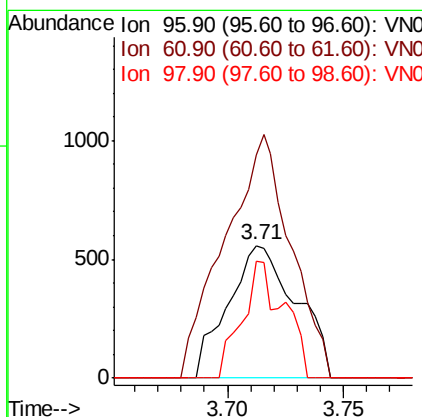
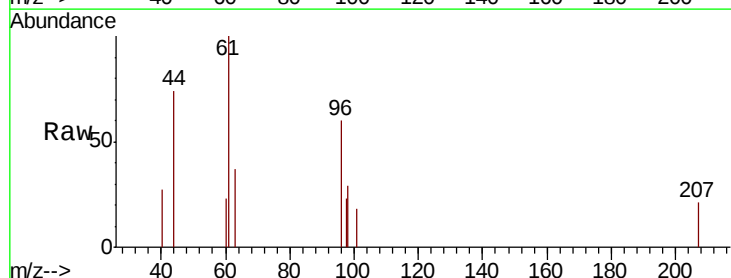
Tot Ion: 59 Resp: 275
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

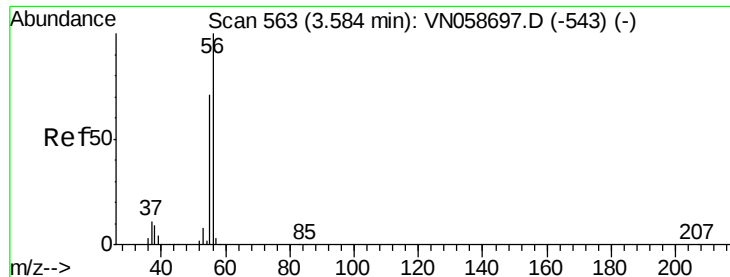


#12

1,1-Dichloroethene
 Concen: 0.272 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion: 96 Resp: 1140
 Ion Ratio Lower Upper
 96 100
 61 167.8 151.3 226.9
 98 87.7 52.6 78.8#





#13

Acrolein

Concen: 0.582 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

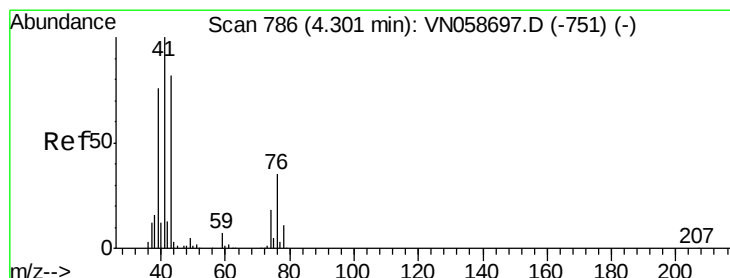
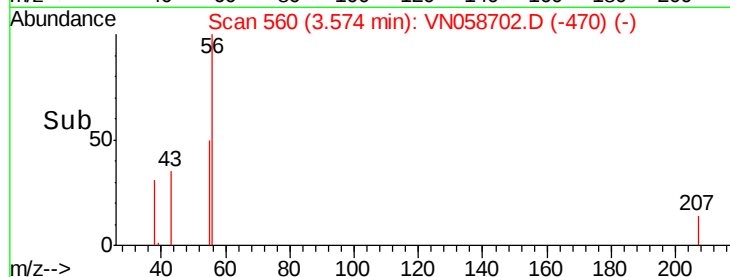
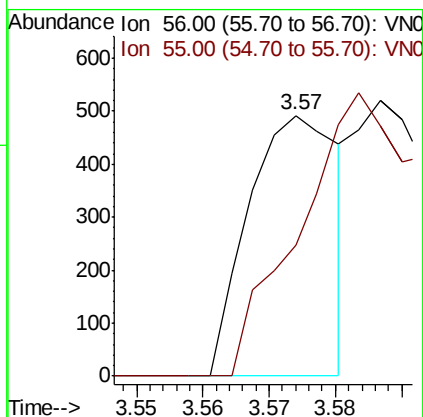
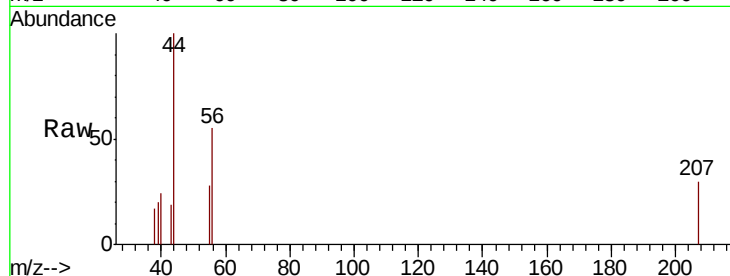
ClientSampleId :

Tot Ion: 56 Resp: 463

Ion Ratio Lower Upper

56 100

55 187.5 56.7 85.1#



#14

Allyl chloride

Concen: 0.281 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

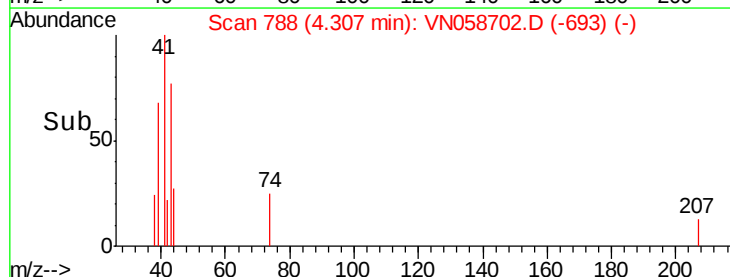
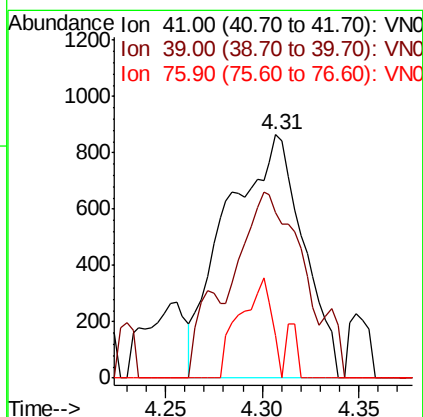
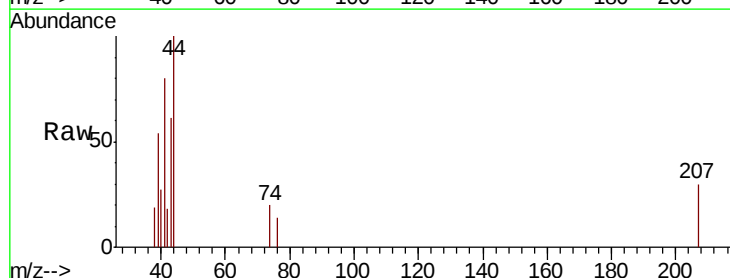
Tgt Ion: 41 Resp: 2379

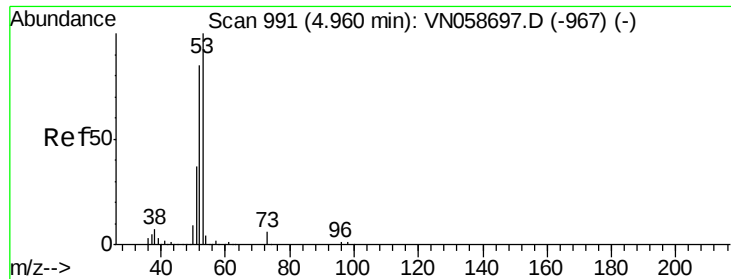
Ion Ratio Lower Upper

41 100

39 44.5 57.2 85.8#

76 17.3 25.0 37.6#





#15

Acrylonitrile

Concen: 1.130 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

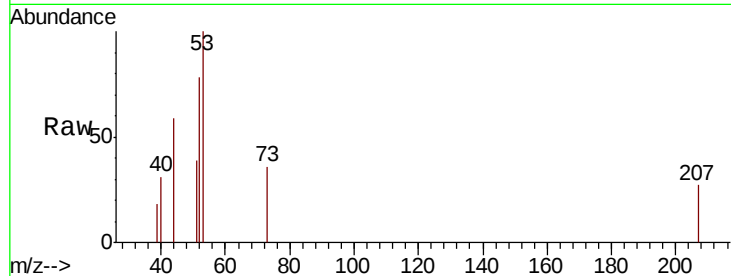
Tot Ion: 53 Resp: 2821

Ion Ratio Lower Upper

53 100

52 60.5 66.2 99.2#

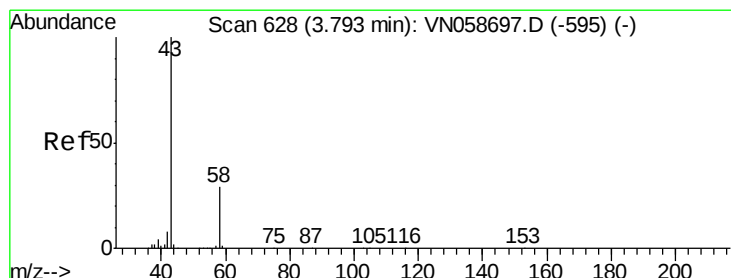
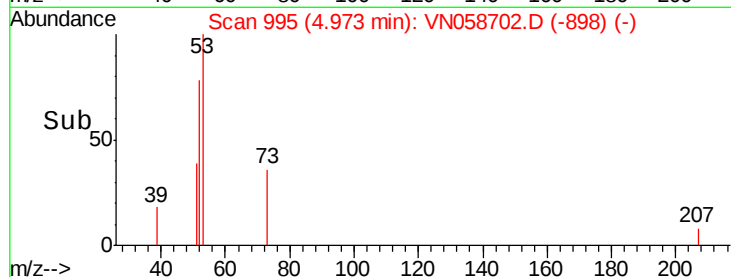
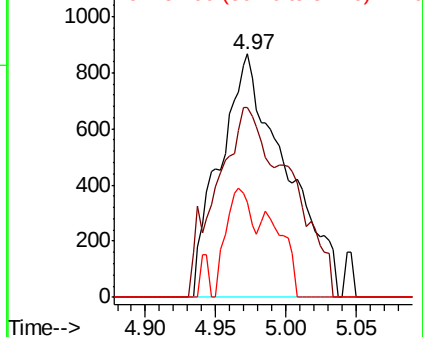
51 18.1 29.4 44.2#



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: 1.552 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN058702.D

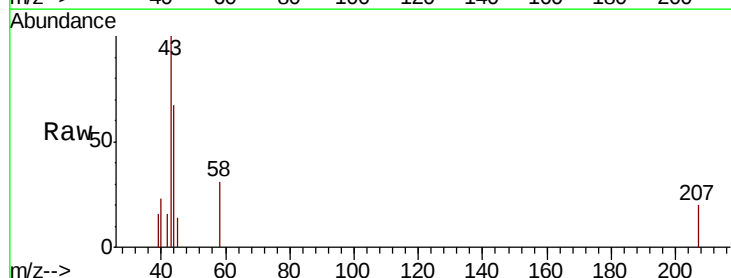
Acq: 11 Oct 2019 14:52

Tgt Ion: 43 Resp: 3925

Ion Ratio Lower Upper

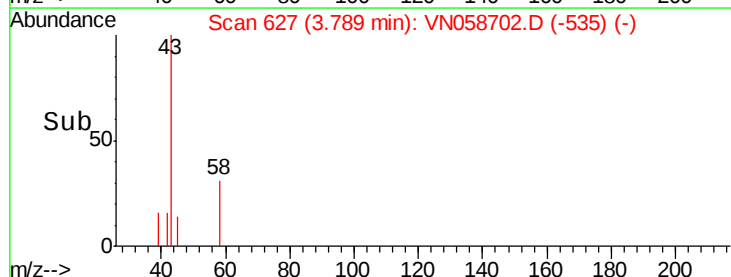
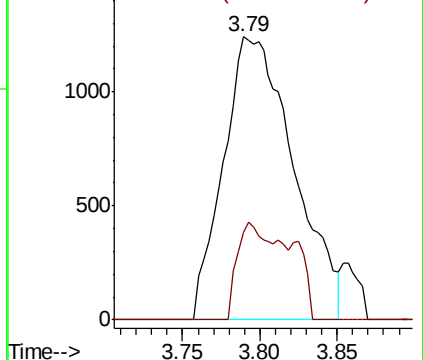
43 100

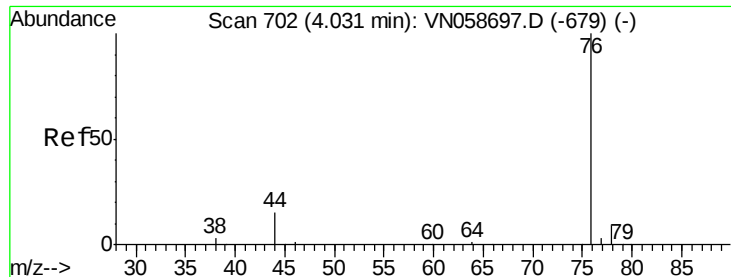
58 31.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

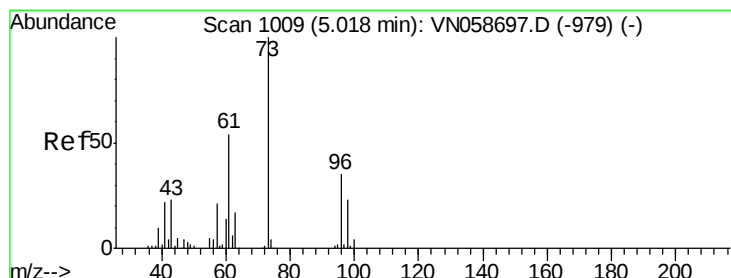
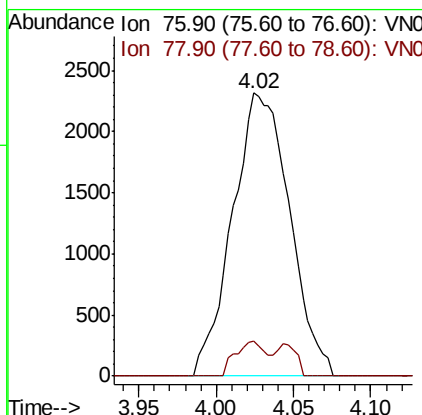
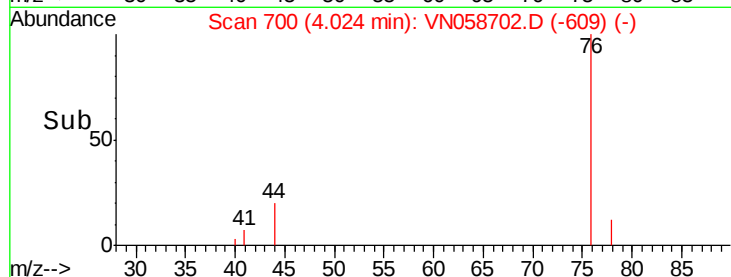
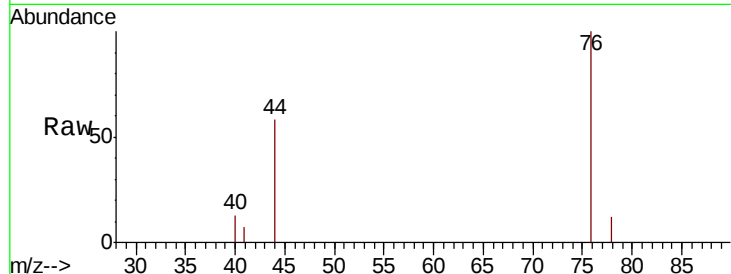




#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

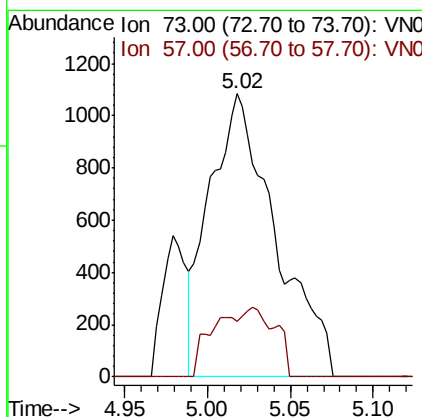
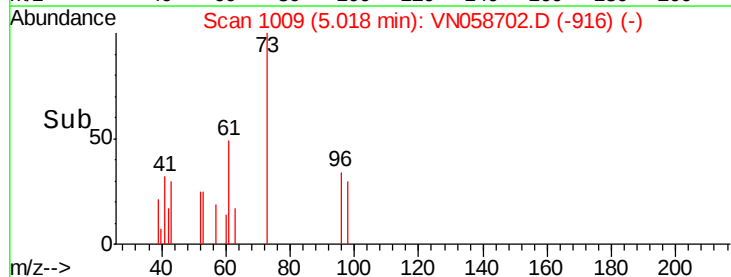
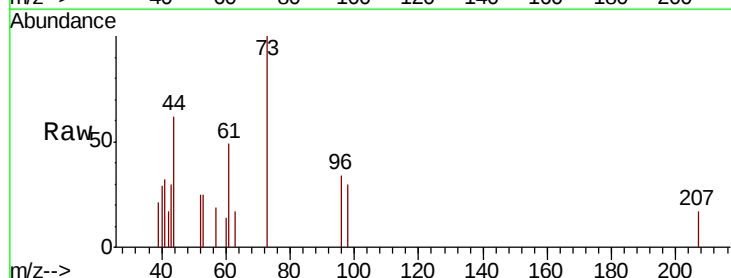
Instrument :
MSVOA_N
ClientSampled :

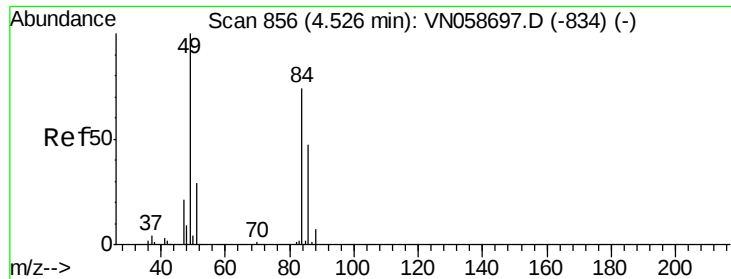
Tot Ion: 76 Resp: 5948
Ion Ratio Lower Upper
76 100
78 12.2 7.1 10.7#



#19
Methyl tert-butyl Ether
Concen: 0.200 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 73 Resp: 2994
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.6

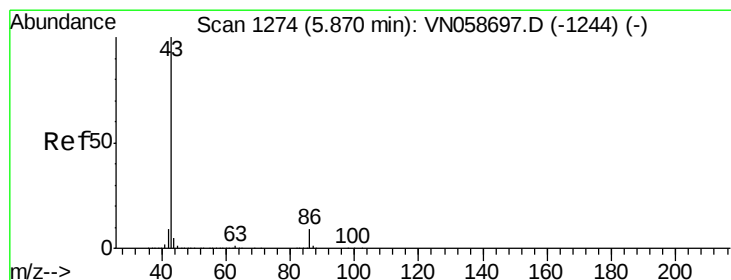
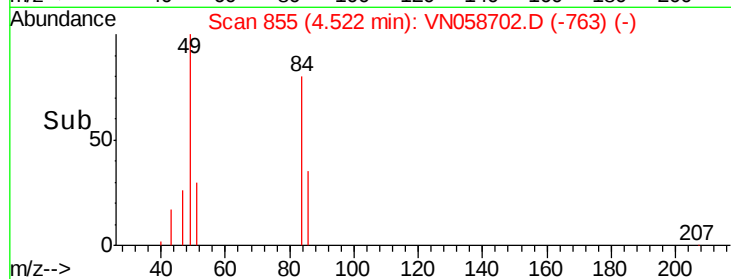
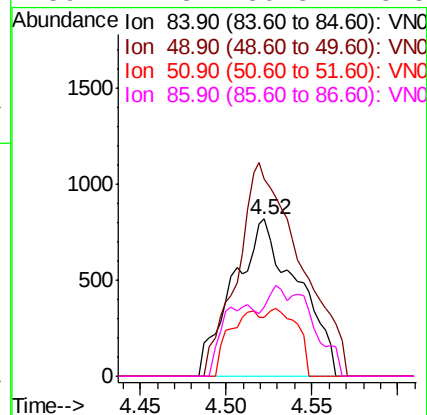
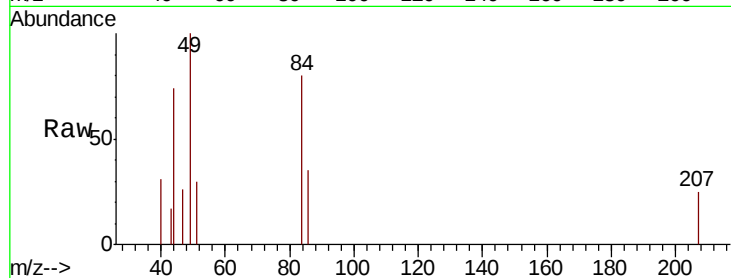




#20
Methvlene Chloride
Concen: 0.404 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

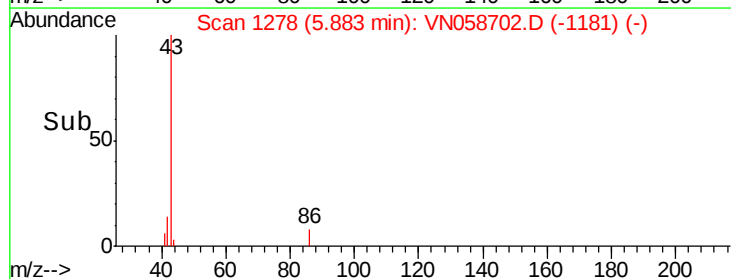
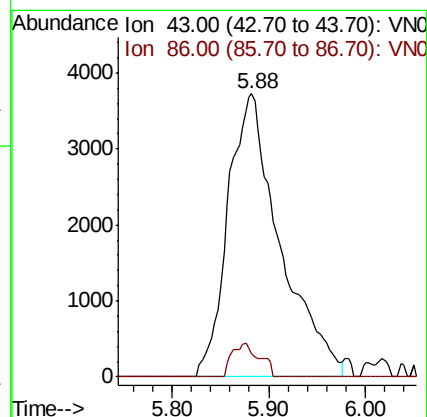
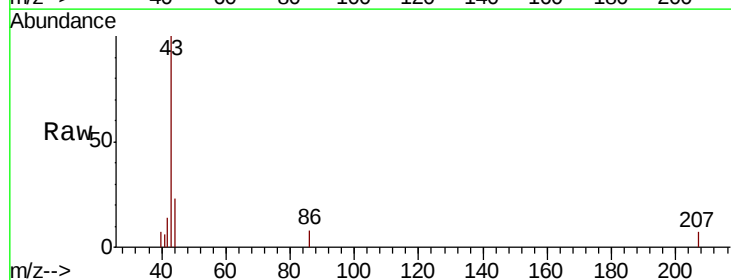
Instrument :
MSVOA_N
ClientSampleId :

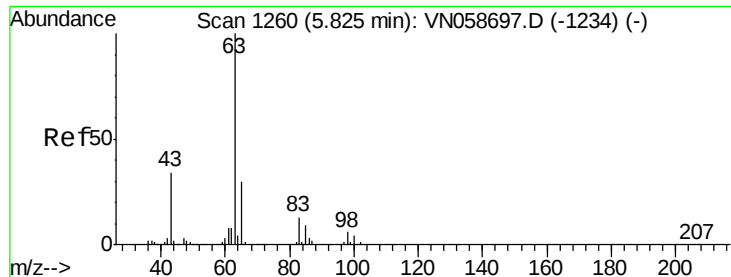
Tot Ion: 84 Resp: 2135
Ion Ratio Lower Upper
84 100
49 125.5 107.6 161.4
51 37.6 31.4 47.0
86 44.3 50.3 75.5#



#23
Vinyl Acetate
Concen: 1.049 ug/l
RT: 5.88 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 43 Resp: 13919
Ion Ratio Lower Upper
43 100
86 8.3 7.4 11.0





#24

1,1-Dichloroethane

Concen: 0.230 ug/l

RT: 5.82 min Scan# 1259

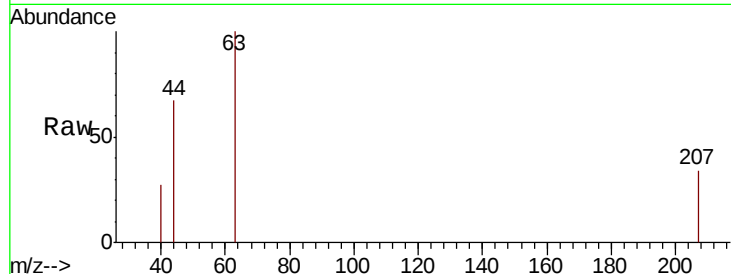
Delta R.T. -0.00 min

Lab File: VN058702.D

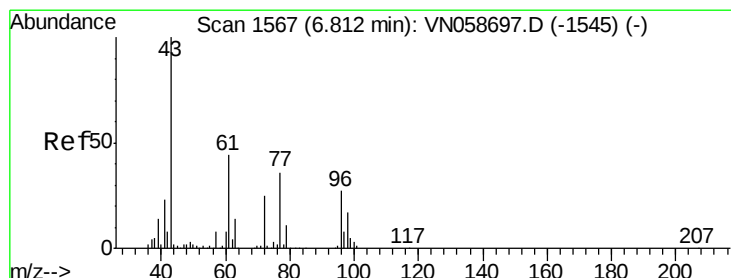
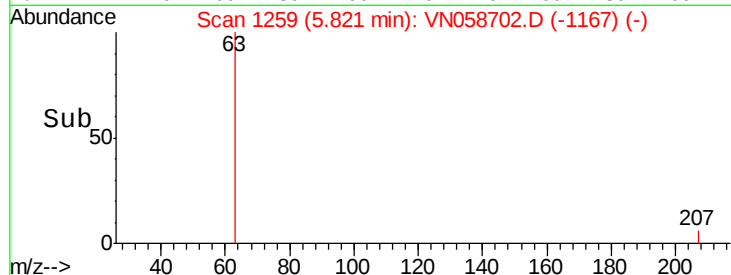
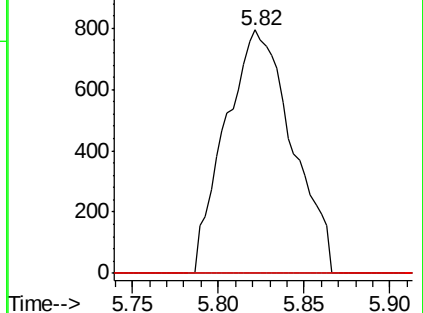
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	63	Resp:	2151
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6#
100	0.0	1.8	5.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#25

2-Butanone

Concen: 1.389 ug/l

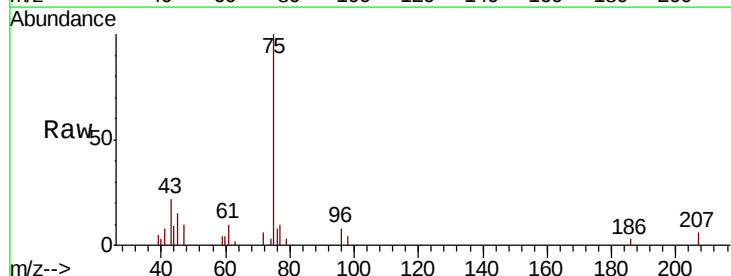
RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

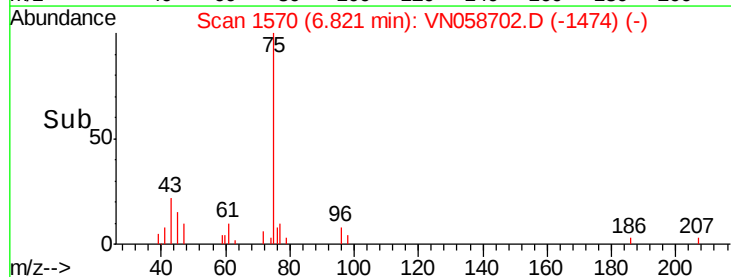
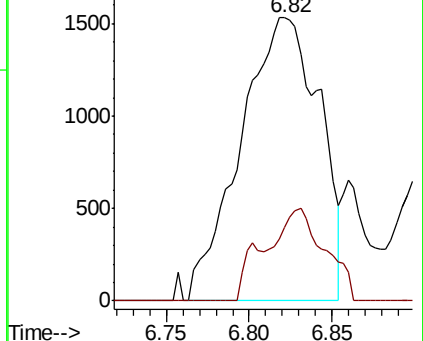
Lab File: VN058702.D

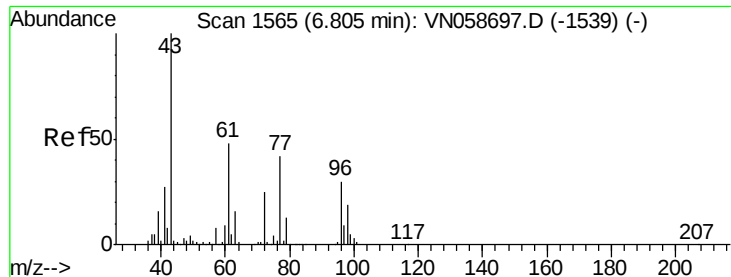
Acq: 11 Oct 2019 14:52

Tgt Ion:	43	Resp:	5078
Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.2	30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#26

2,2-Dichloropropane

Concen: 0.421 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

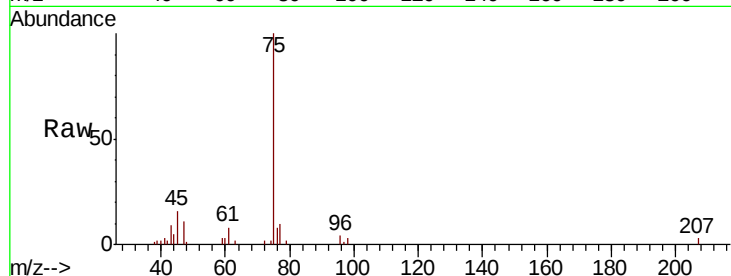
ClientSampled :

Tot Ion: 77 Resp: 3602

Ion Ratio Lower Upper

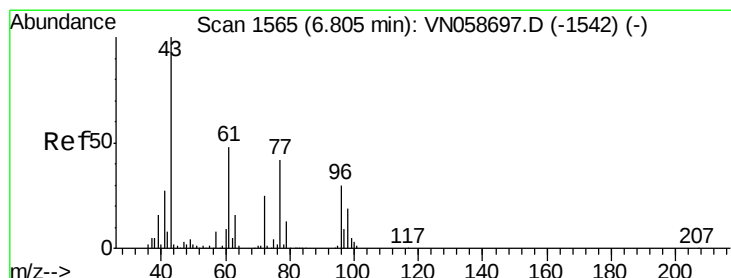
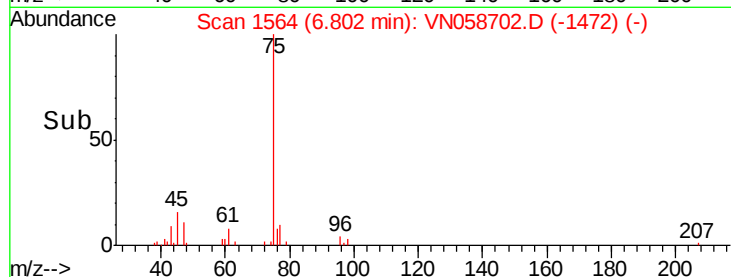
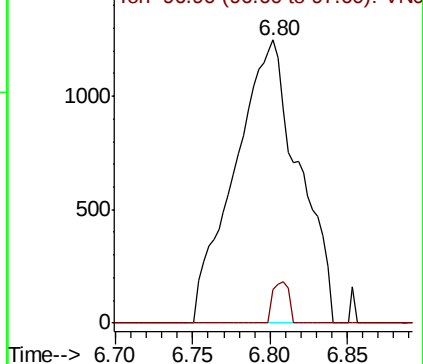
77 100

97 3.6 10.7 31.9#



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: 0.262 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

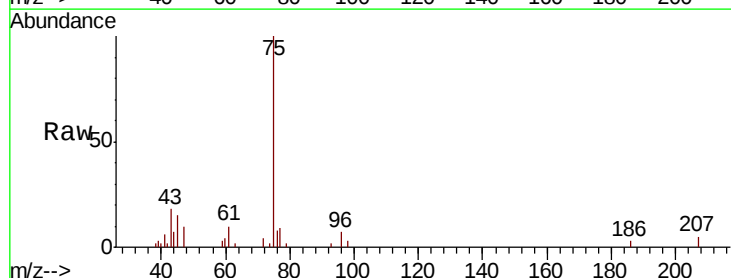
Tgt Ion: 96 Resp: 1434

Ion Ratio Lower Upper

96 100

61 0.0 0.0 324.8

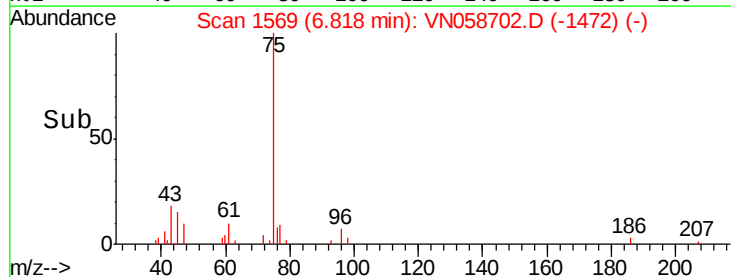
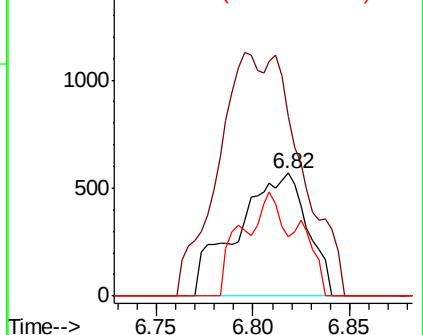
98 13.8 0.0 129.2

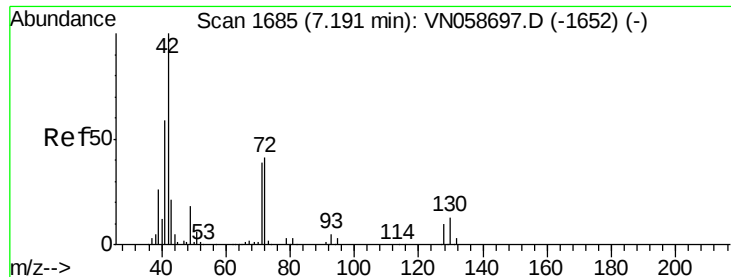


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

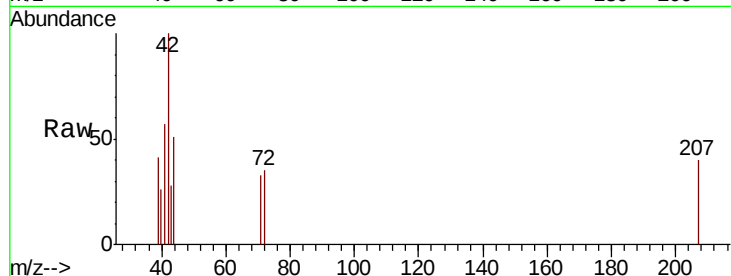




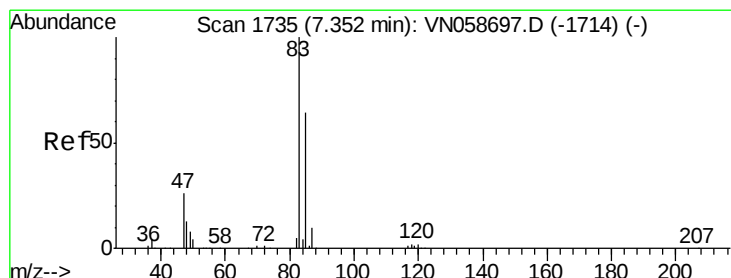
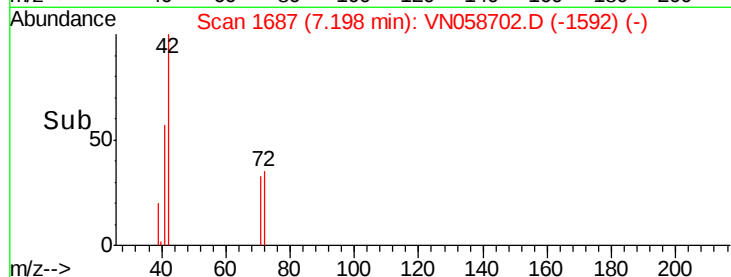
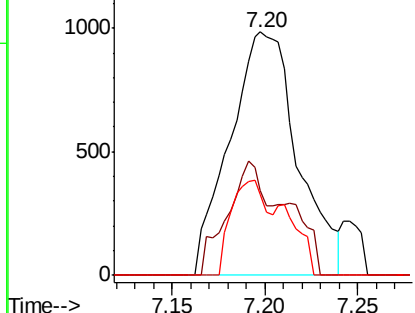
#29
Tetrahydrofuran
Concen: 1.067 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 2521
Ion Ratio Lower Upper
42 100
72 26.8 32.8 49.2#
71 20.8 31.1 46.7#

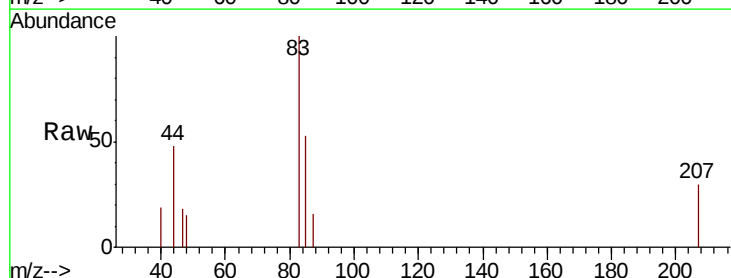


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

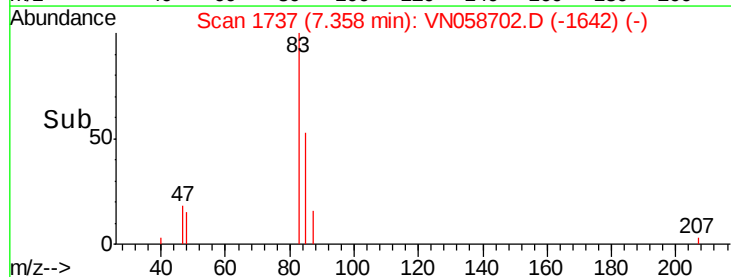
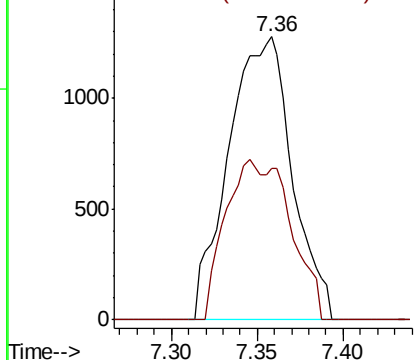


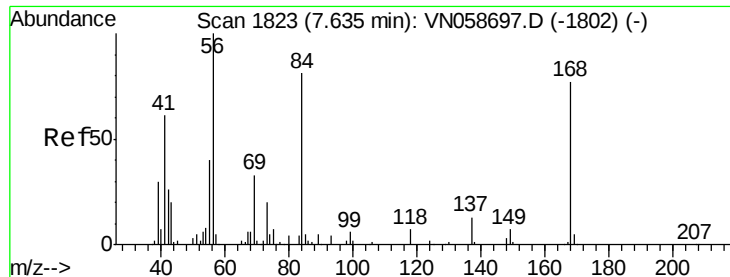
#30
Chloroform
Concen: 0.348 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 83 Resp: 3279
Ion Ratio Lower Upper
83 100
85 53.4 51.0 76.6



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

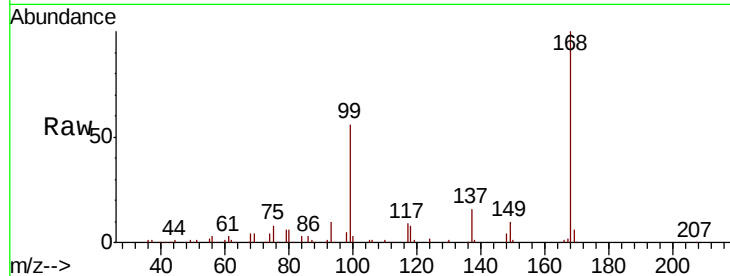




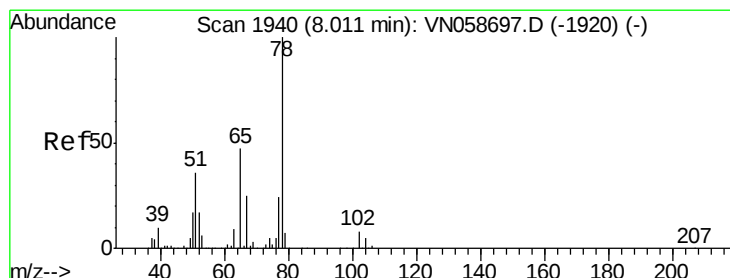
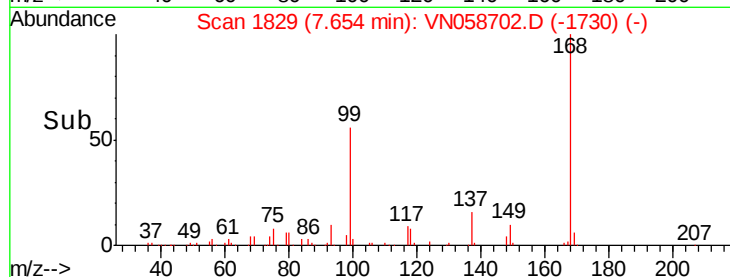
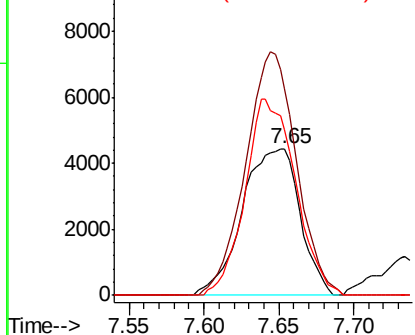
#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11909
Ion Ratio Lower Upper
56 100
69 140.9 26.2 39.4#
84 112.6 64.9 97.3#

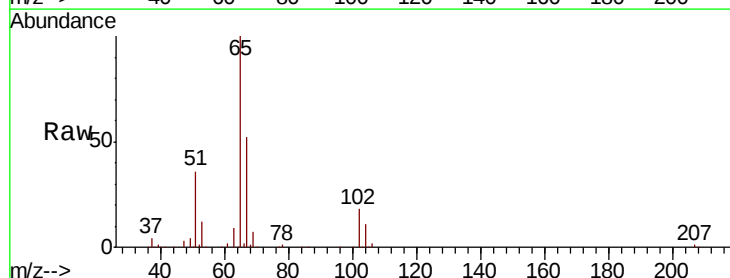


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

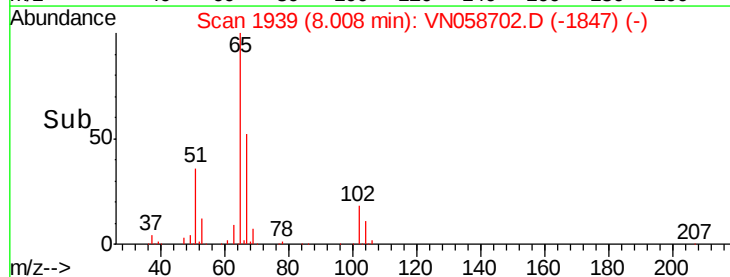
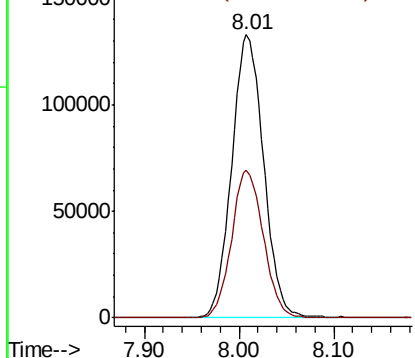


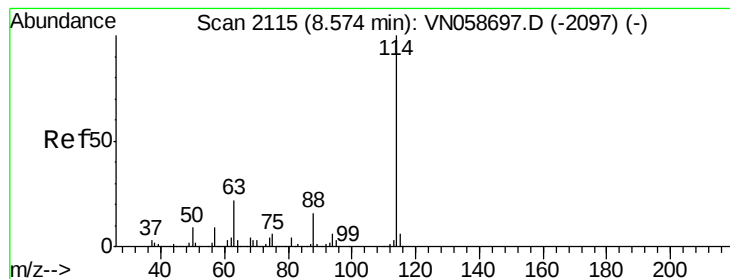
#33
1,2-Dichloroethane-d4
Concen: 50.994 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 65 Resp: 311584
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

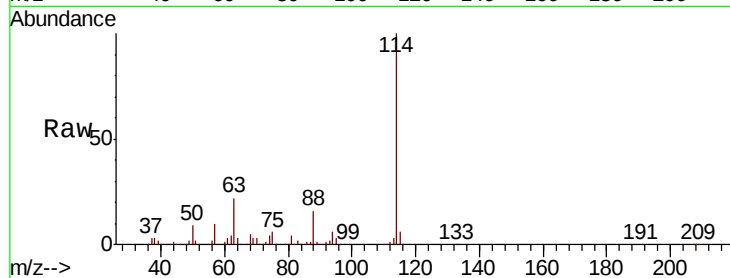
Tot Ion:114 Resp: 712297

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

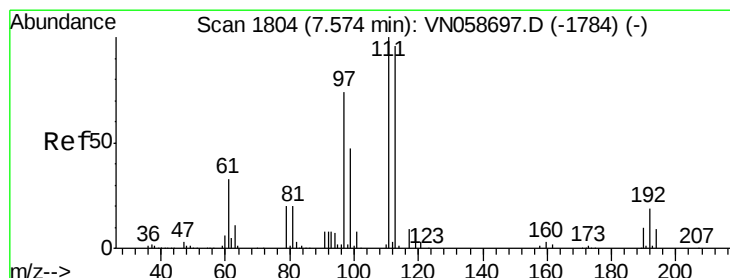
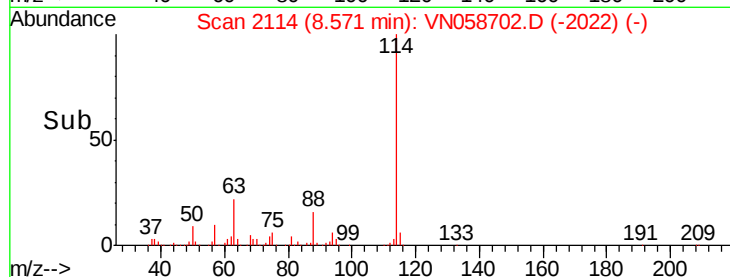
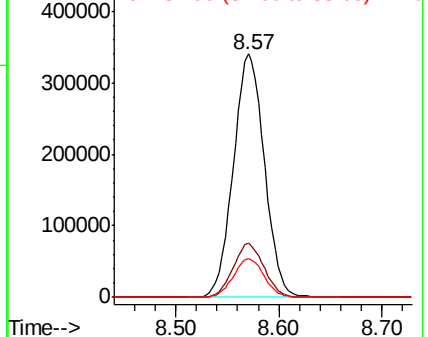
88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

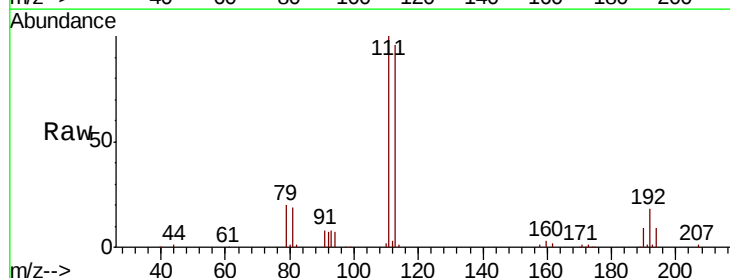
Tgt Ion:113 Resp: 219248

Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

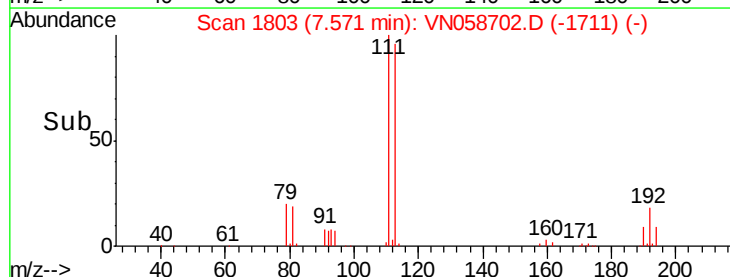
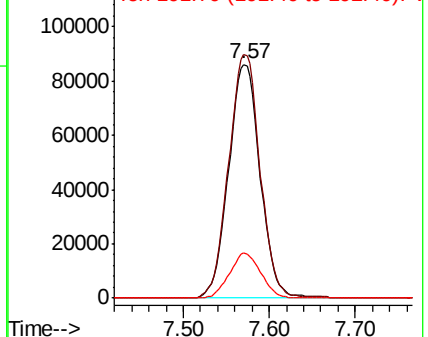
192 19.2 15.0 22.6

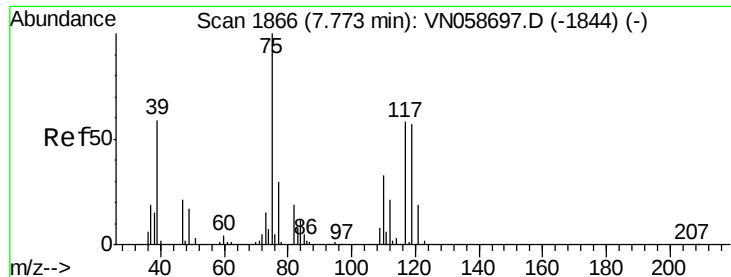


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

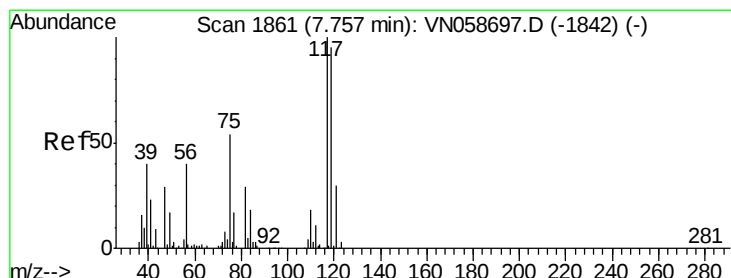
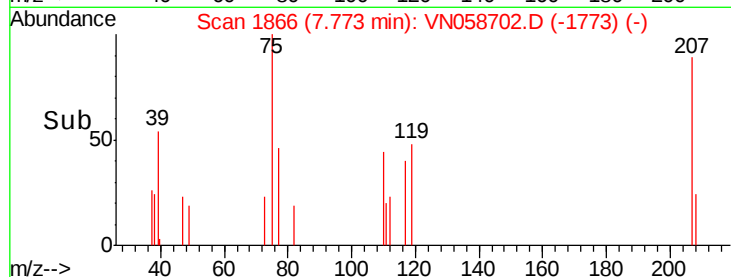
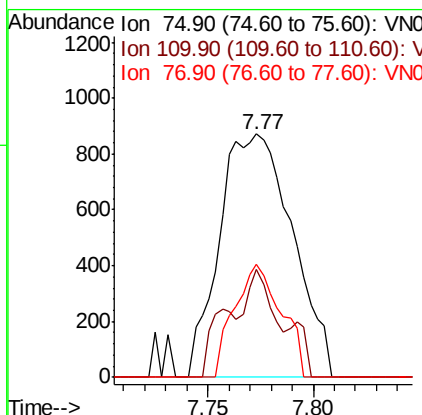
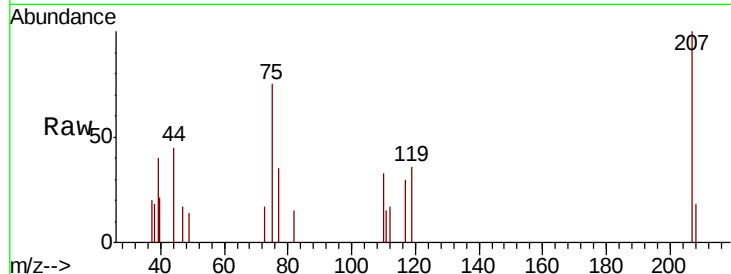




#36
 1,1-Dichloropropene
 Concen: 0.291 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

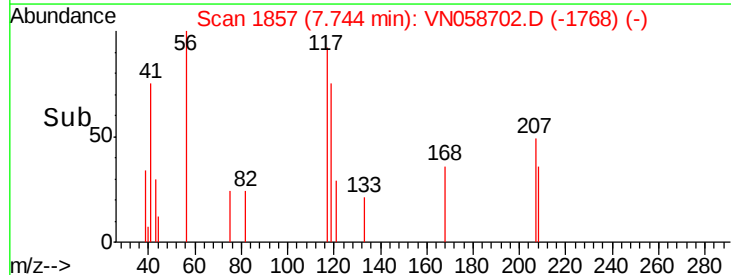
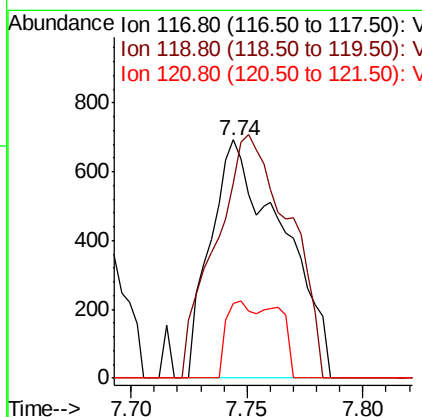
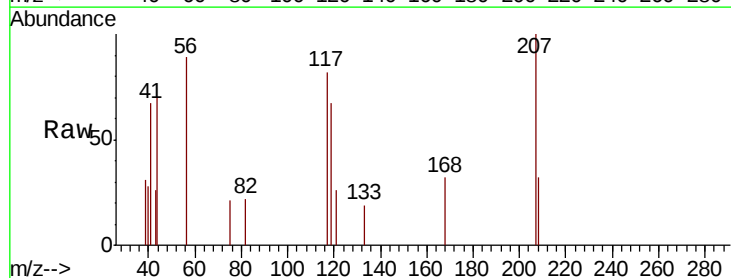
Instrument :
 MSVOA_N
 ClientSampled :

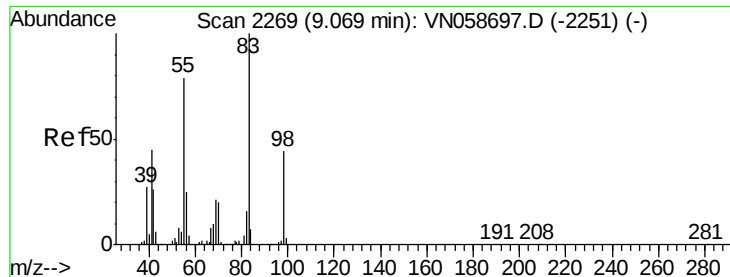
Tot Ion: 75 Resp: 2093
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.6 49.8#
 77 29.9 24.6 37.0



#38
 Carbon Tetrachloride
 Concen: 0.214 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion: 117 Resp: 1500
 Ion Ratio Lower Upper
 117 100
 119 81.8 75.7 113.5
 121 31.3 23.9 35.9

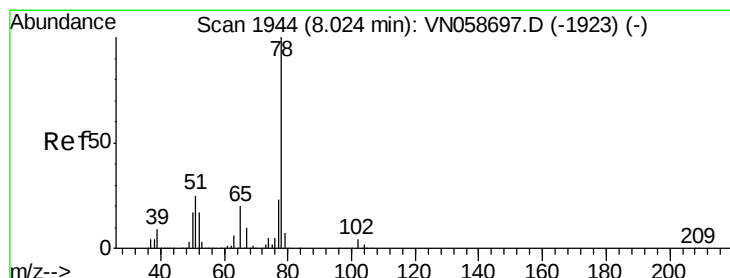
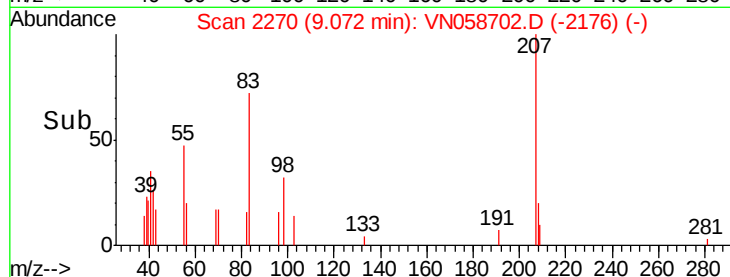
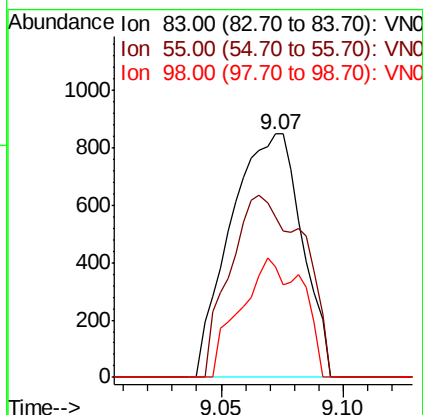
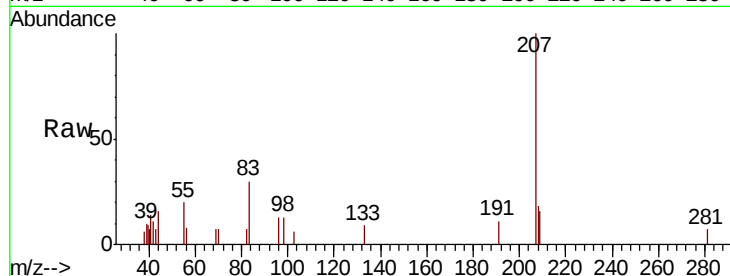




#39
Methvlcvclohexane
Concen: 0.205 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

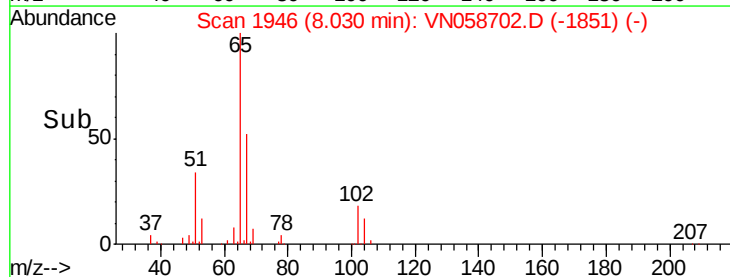
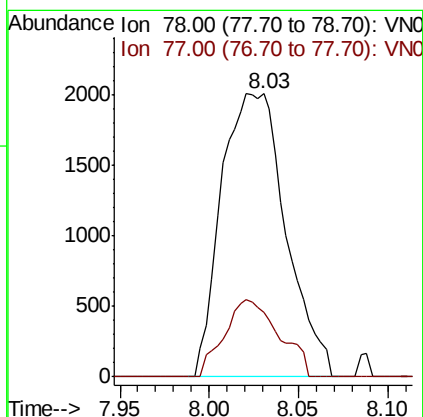
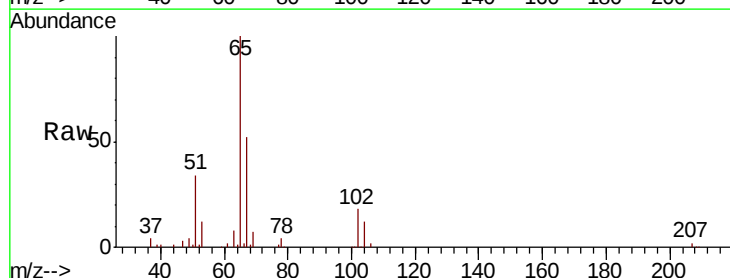
Instrument :
MSVOA_N
ClientSampled :

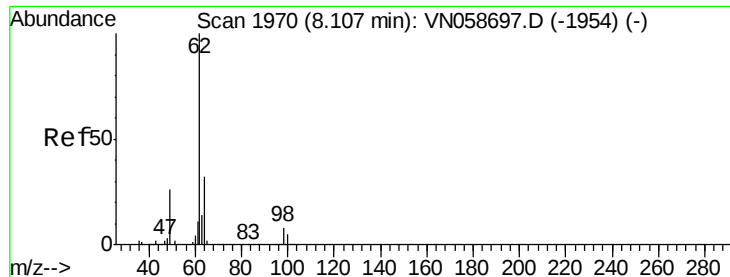
Tot Ion: 83 Resp: 1717
Ion Ratio Lower Upper
83 100
55 65.8 63.4 95.0
98 45.3 35.1 52.7



#40
Benzene
Concen: 0.244 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 78 Resp: 5046
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2





#42

1,2-Dichloroethane

Concen: 0.310 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

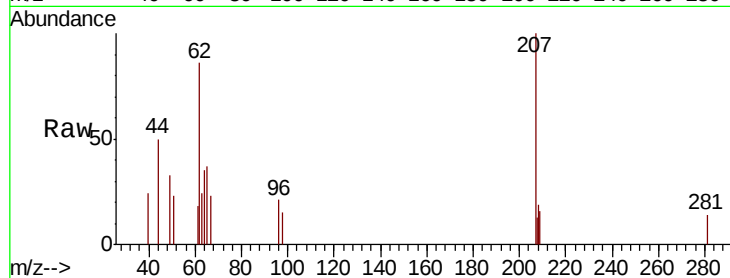
ClientSampled :

Tot Ion: 62 Resp: 2461

Ion Ratio Lower Upper

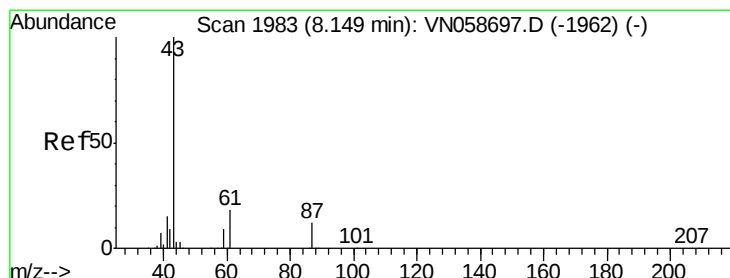
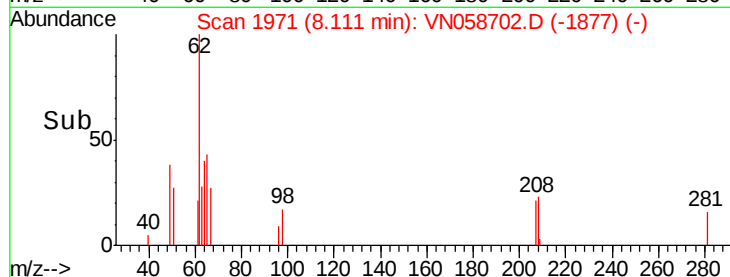
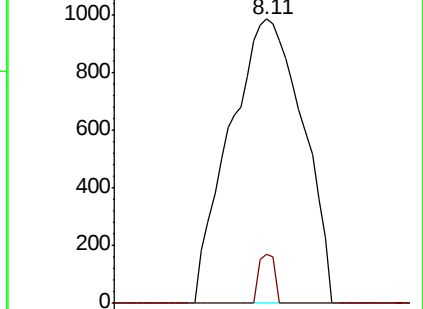
62 100

98 3.7 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

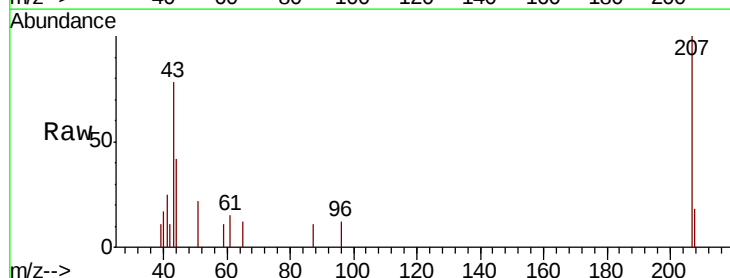
Tgt Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

61 8.9 20.3 30.5#

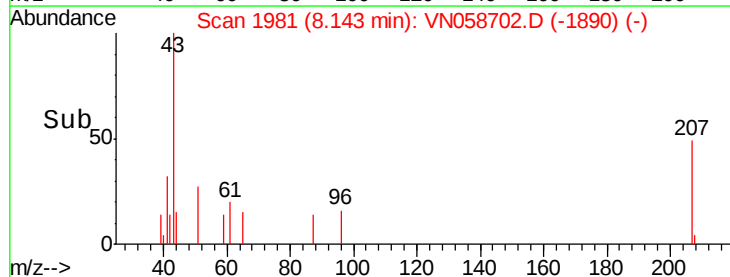
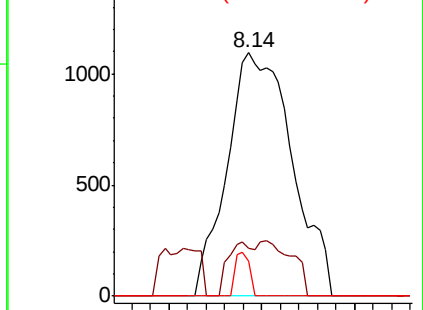
87 3.9 9.8 14.6#

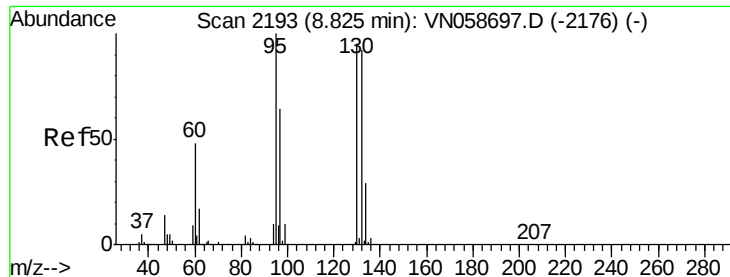


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 0.265 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

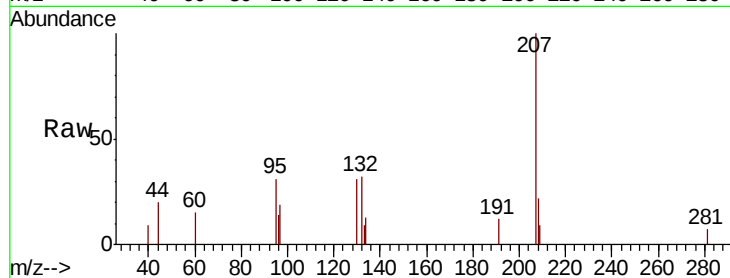
ClientSampleId :

Tot Ion:130 Resp: 1359

Ion Ratio Lower Upper

130 100

95 99.7 0.0 211.2

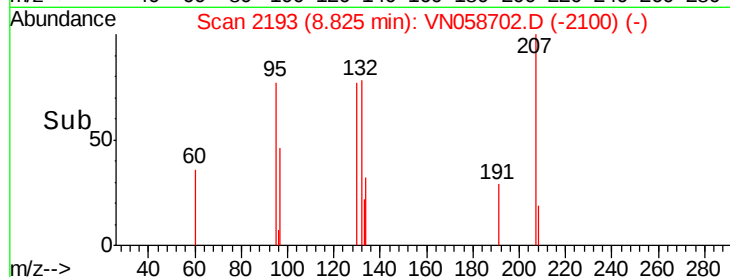


Abundance Ion 129.80 (129.50 to 130.50): V

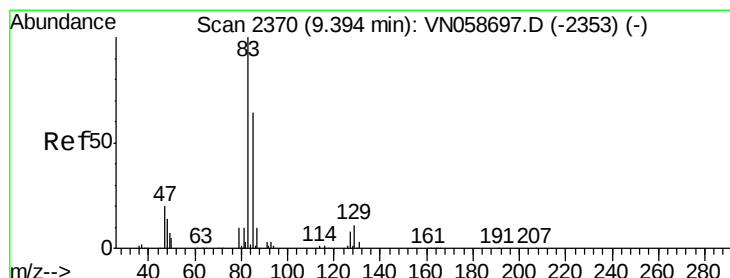
Ion 94.90 (94.60 to 95.60): VNO

8.82

8.85



Time-->



#47

Bromodichloromethane

Concen: 0.215 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

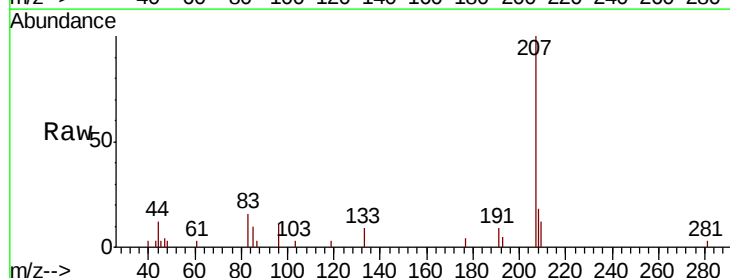
Tgt Ion: 83 Resp: 1536

Ion Ratio Lower Upper

83 100

85 62.2 50.9 76.3

127 0.0 6.3 9.5#



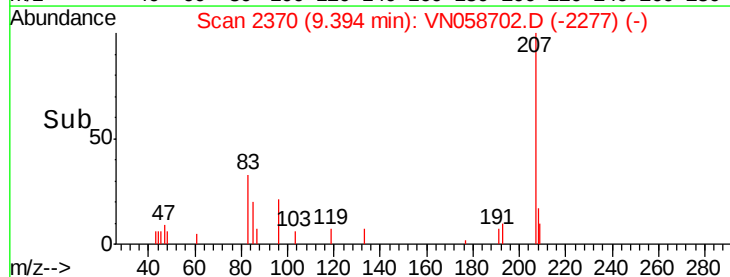
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

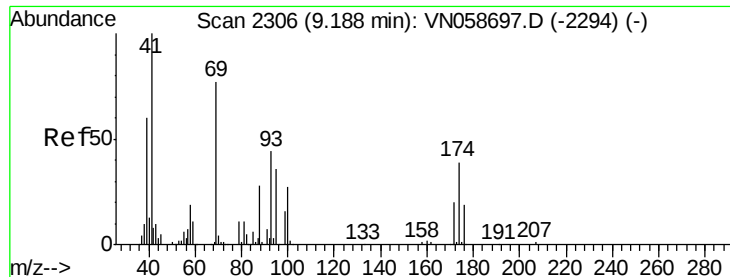
Ion 126.80 (126.50 to 127.50): VNO

9.39

9.40



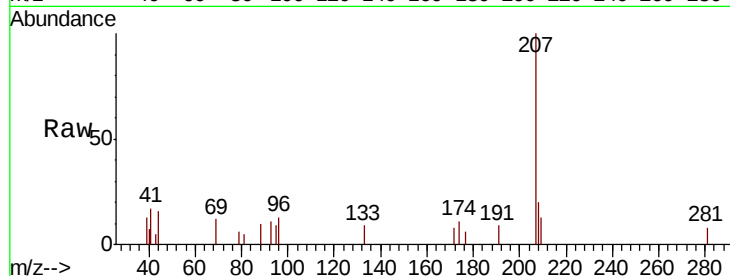
Time-->



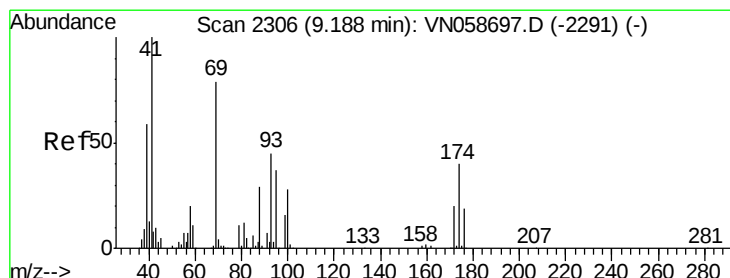
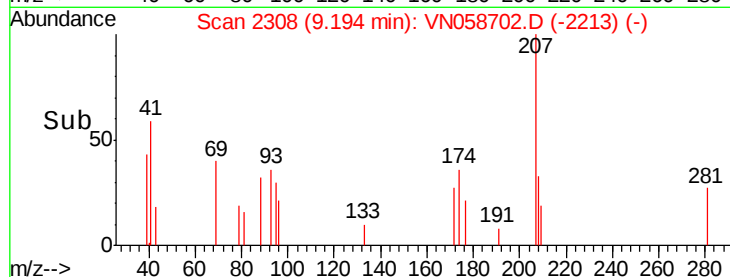
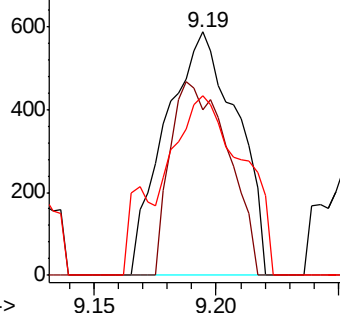
#48
Methvl methacrylate
Concen: 0.212 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1194
Ion Ratio Lower Upper
41 100
69 64.5 63.4 95.2
39 71.7 48.9 73.3

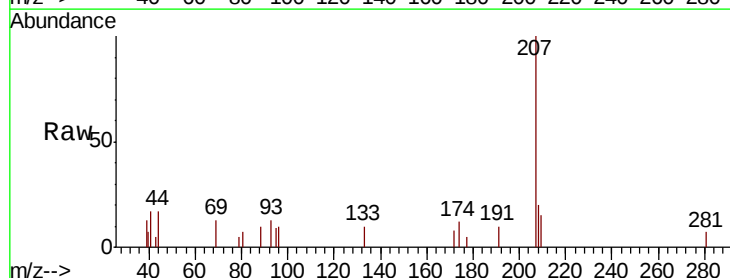


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

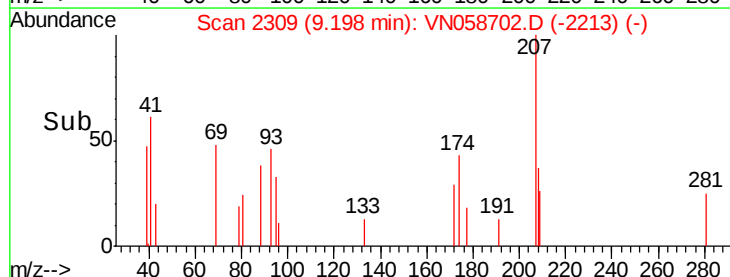
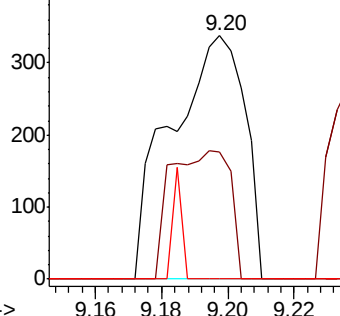


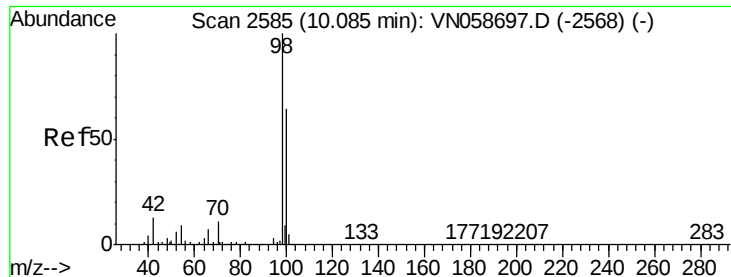
#49
1,4-Dioxane
Concen: 6.022 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 88 Resp: 524
Ion Ratio Lower Upper
88 100
43 42.2 28.6 43.0
58 5.7 57.2 85.8#



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





#50

Toluene-d8

Concen: 48.007 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

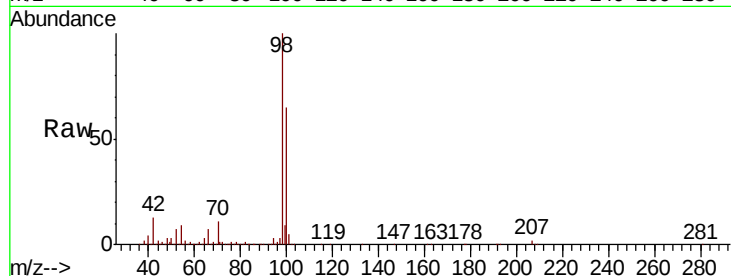
ClientSampleId :

Tot Ion: 98 Resp: 844632

Ion Ratio Lower Upper

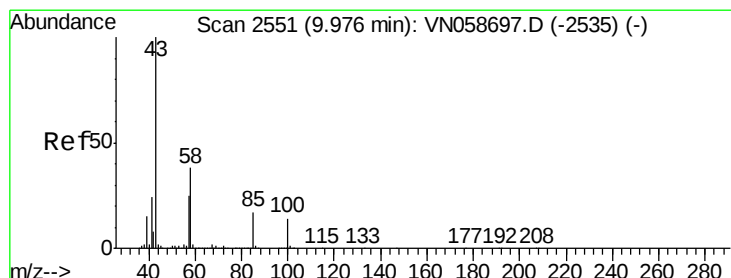
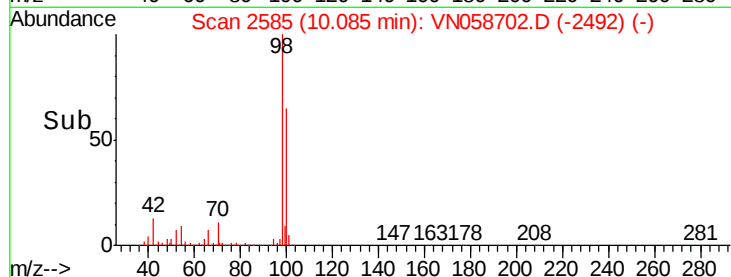
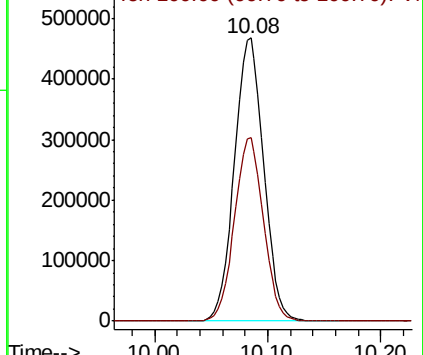
98 100

100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.186 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058702.D

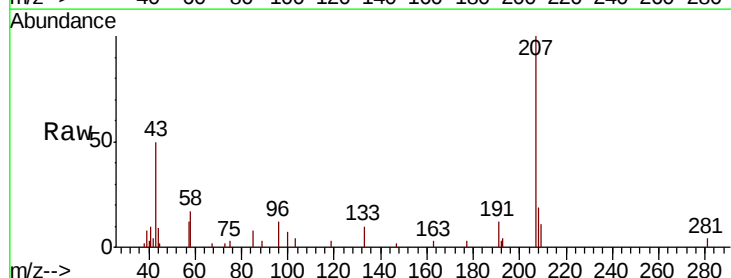
Acq: 11 Oct 2019 14:52

Tgt Ion: 43 Resp: 8262

Ion Ratio Lower Upper

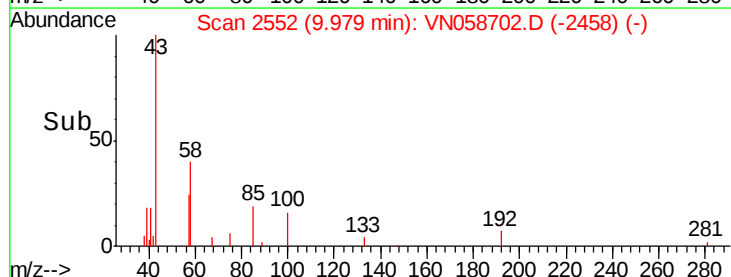
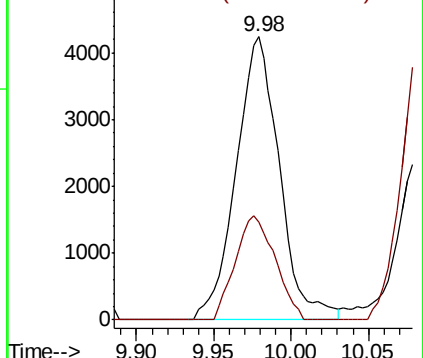
43 100

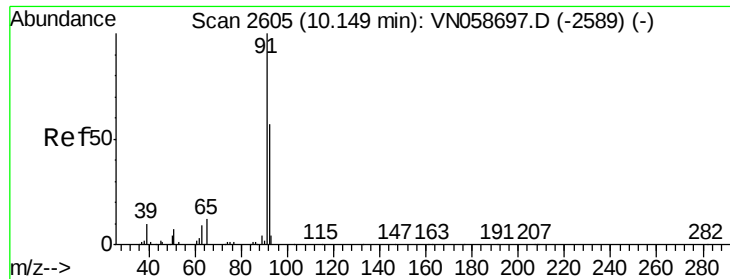
58 33.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.246 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

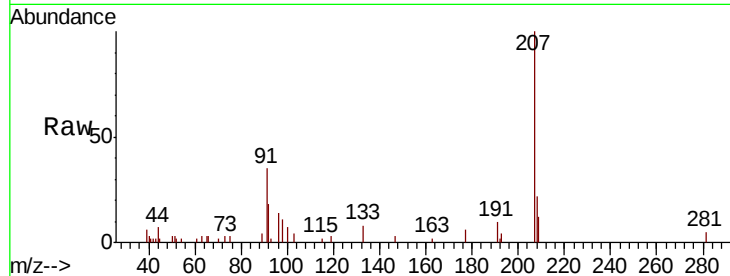
ClientSampled :

Tot Ion: 92 Resp: 3114

Ion Ratio Lower Upper

92 100

91 187.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

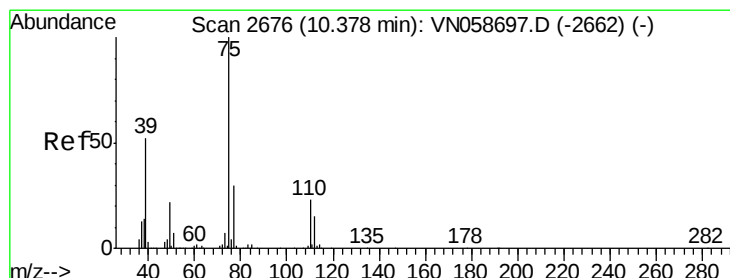
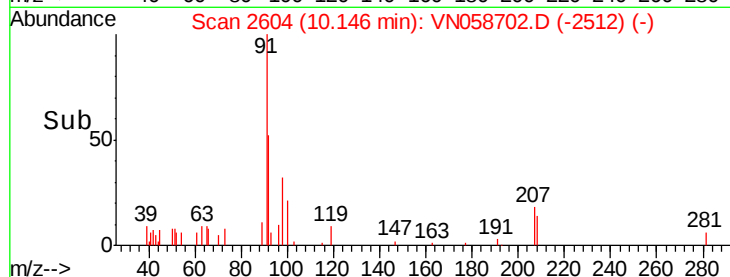
3000

2000

1000

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.296 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058702.D

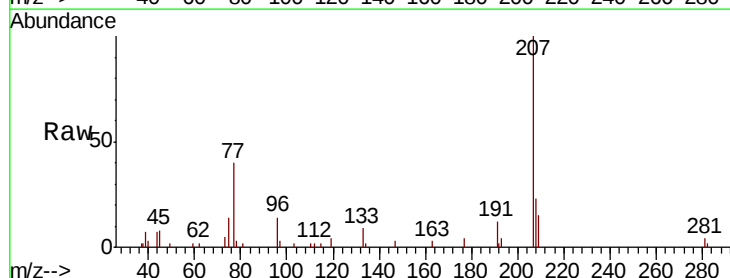
Acq: 11 Oct 2019 14:52

Tgt Ion: 75 Resp: 2428

Ion Ratio Lower Upper

75 100

77 122.6 26.2 39.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

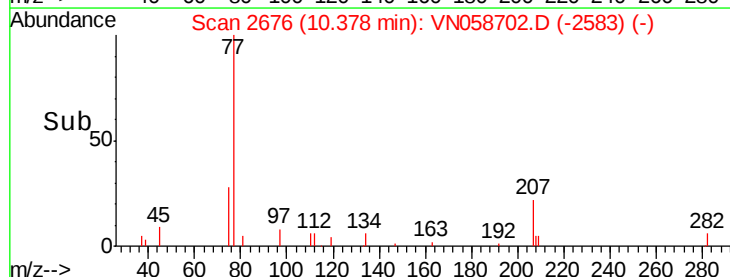
15000

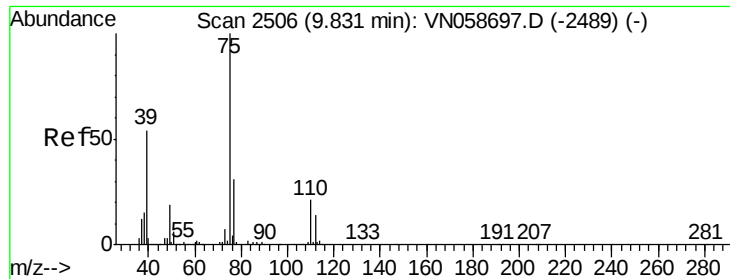
10000

5000

0

Time-->



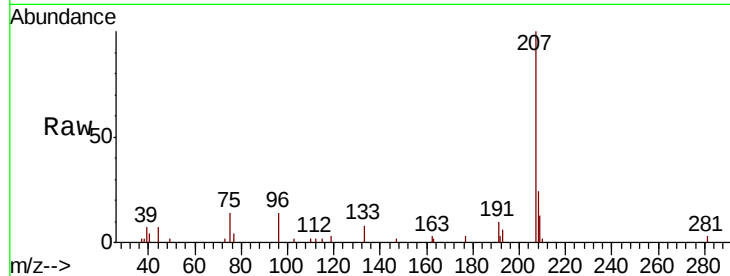


#54

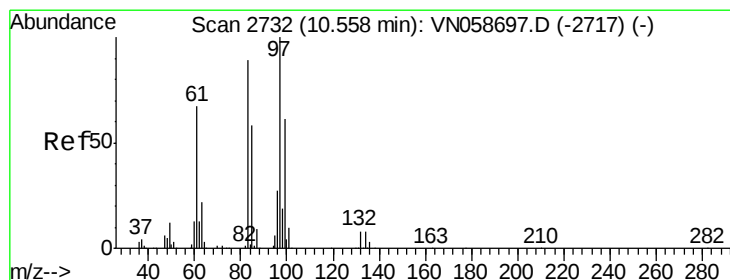
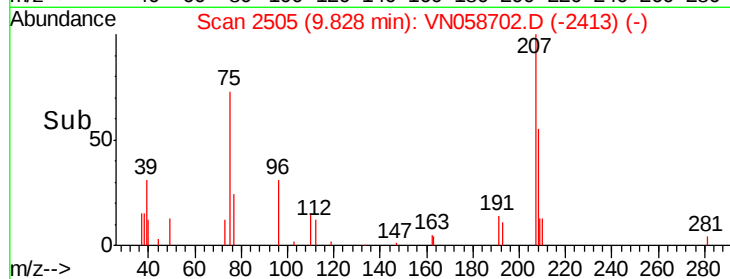
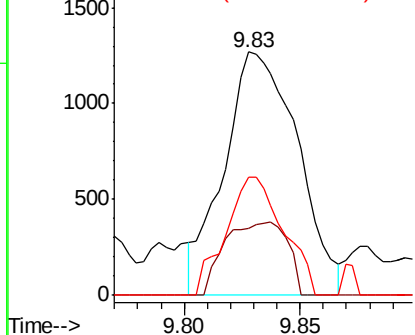
cis-1,3-Dichloropropene
Concen: 0.322 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6
39	55.4	43.1	64.7



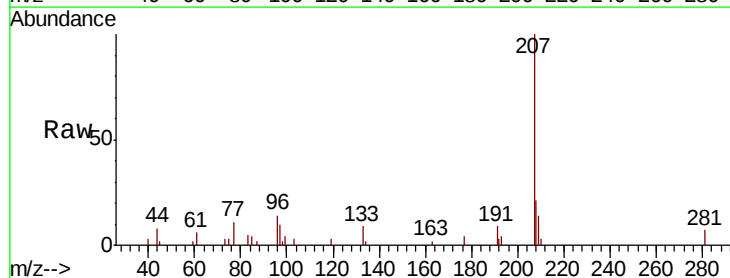
Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



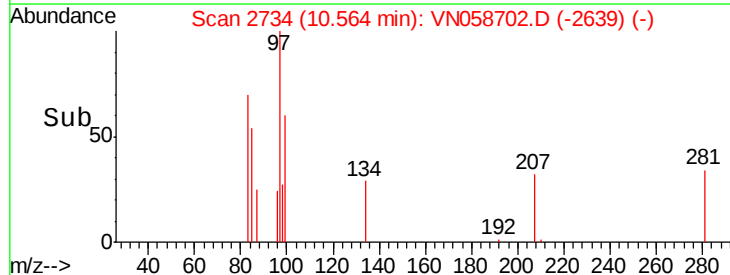
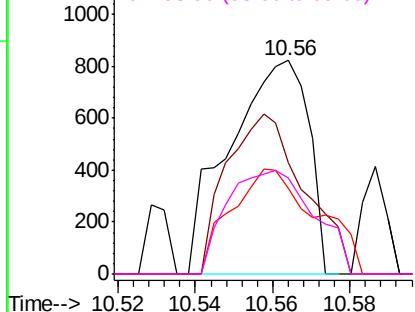
#55

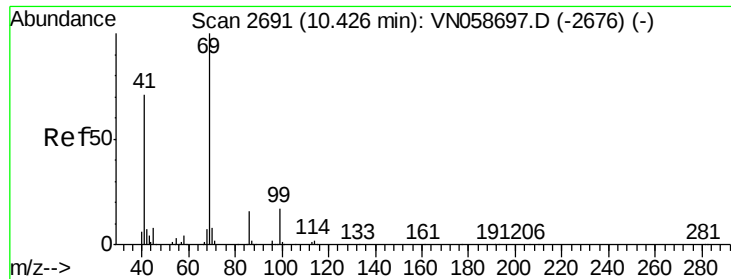
1,1,2-Trichloroethane
Concen: 0.226 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	52.0	71.2	106.8#
85	40.3	46.7	70.1#
99	44.7	49.0	73.6#



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





#56

Ethyl methacrylate

Concen: 0.202 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

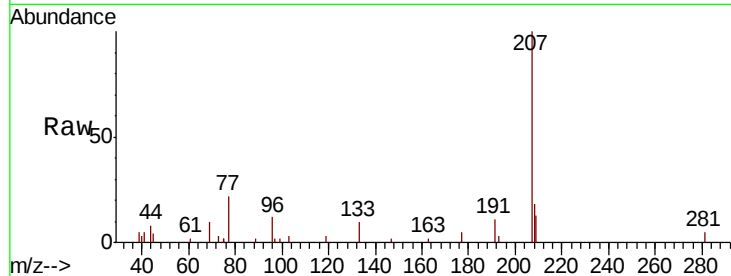
Tot Ion: 69 Resp: 1530

Ion Ratio Lower Upper

69 100

41 95.0 56.8 85.2#

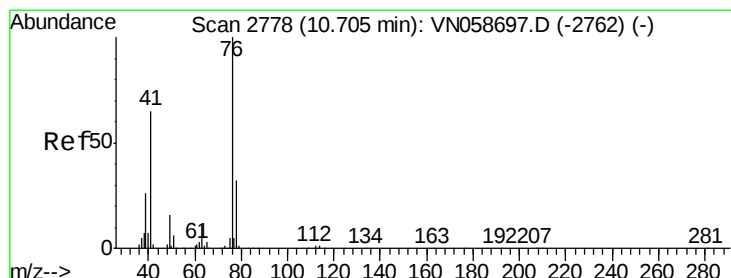
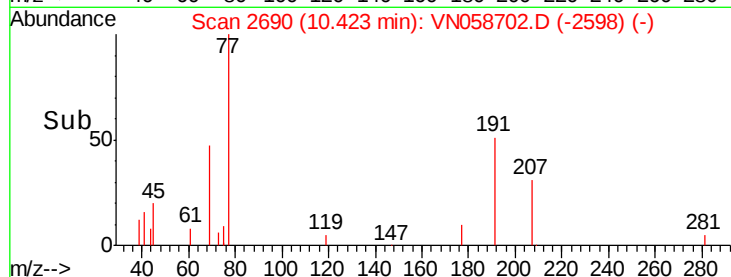
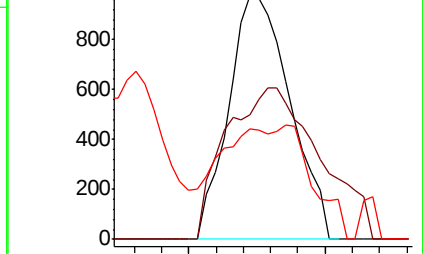
39 18.2 32.5 48.7#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.228 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN058702.D

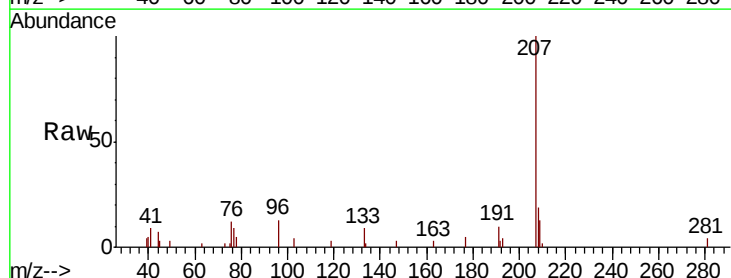
Acq: 11 Oct 2019 14:52

Tgt Ion: 76 Resp: 2013

Ion Ratio Lower Upper

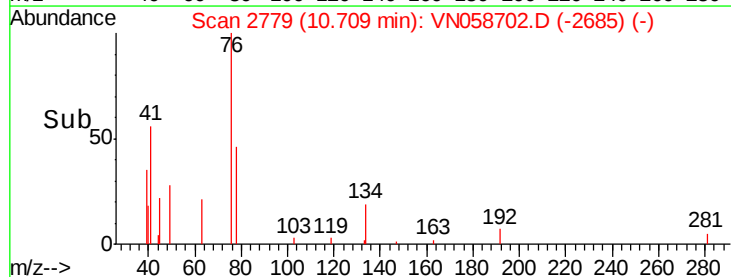
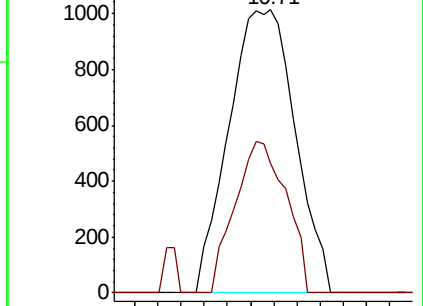
76 100

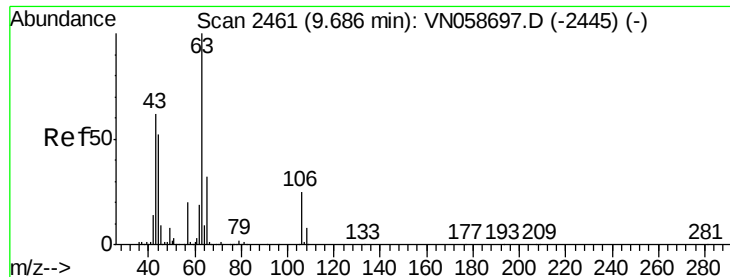
78 41.5 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

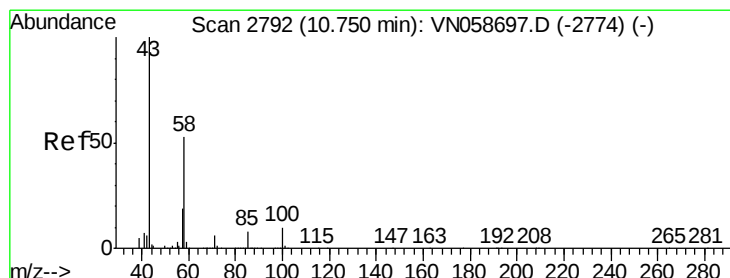
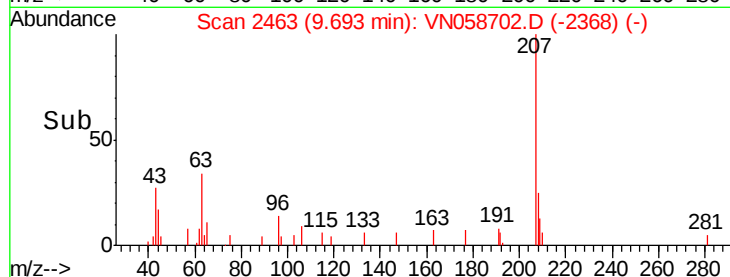
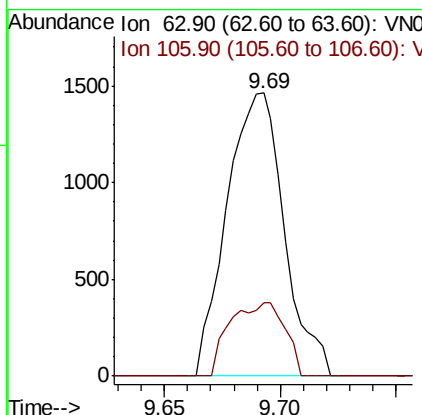
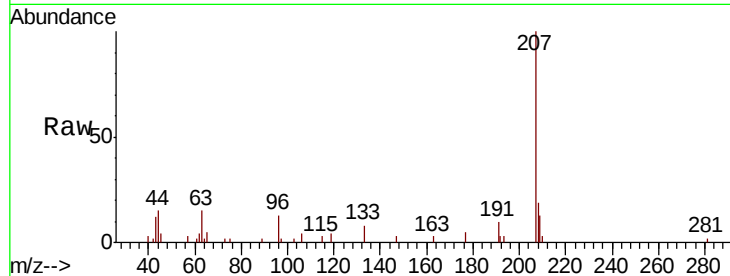




#58
2-Chloroethyl Vinyl ether
Concen: 0.690 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

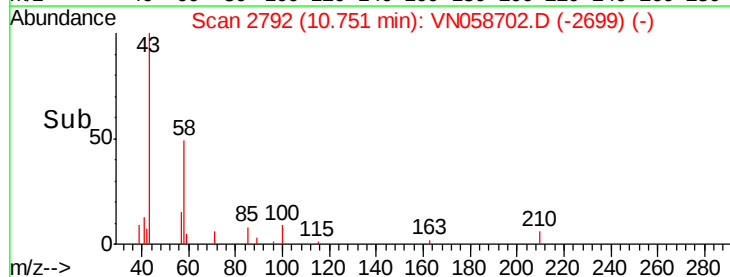
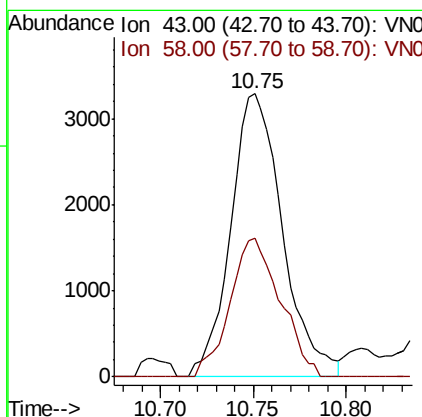
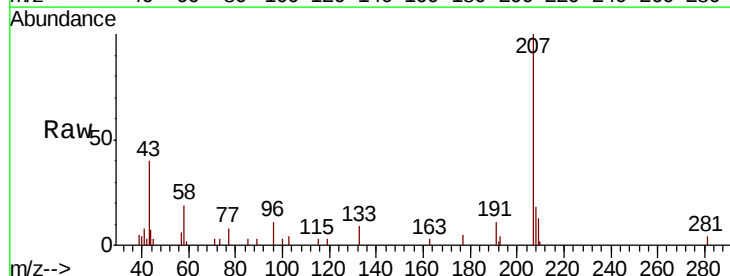
Instrument :
MSVOA_N
ClientSampleId :

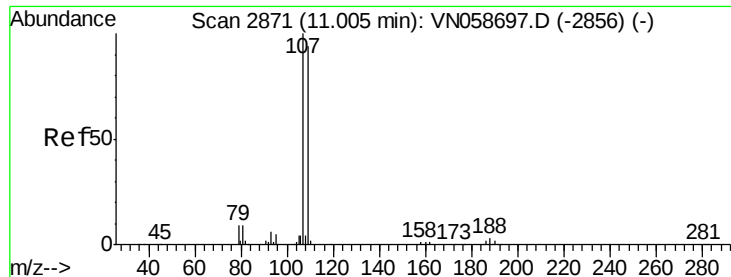
Tot Ion: 63 Resp: 2515
Ion Ratio Lower Upper
63 100
106 24.7 20.0 30.0



#59
2-Hexanone
Concen: 1.186 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 43 Resp: 6388
Ion Ratio Lower Upper
43 100
58 47.4 26.1 78.3





#61

1,2-Dibromoethane

Concen: 0.208 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

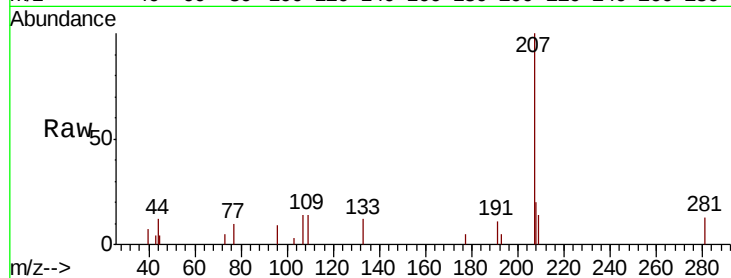
ClientSampleId :

Tot Ion: 107 Resp: 1081

Ion Ratio Lower Upper

107 100

109 91.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

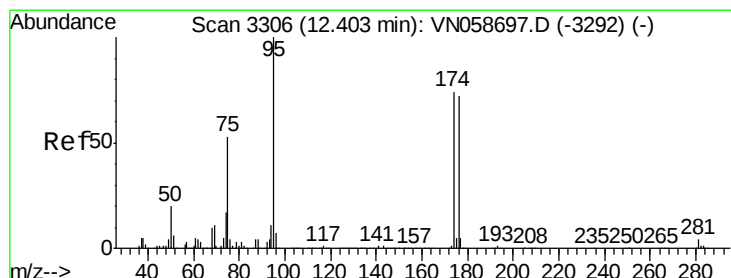
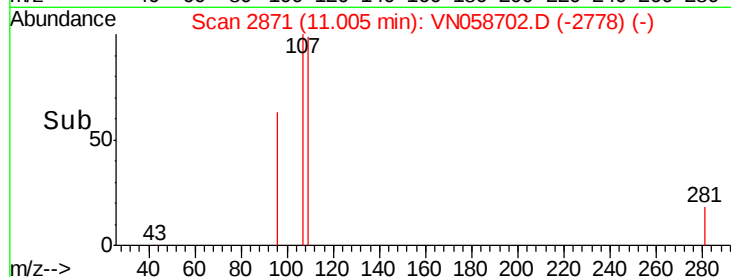
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

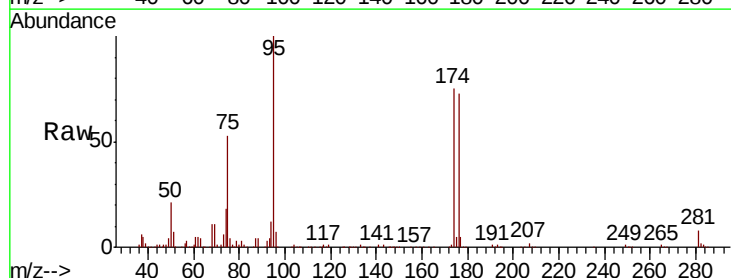
Tgt Ion: 95 Resp: 296117

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.4

176 74.5 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

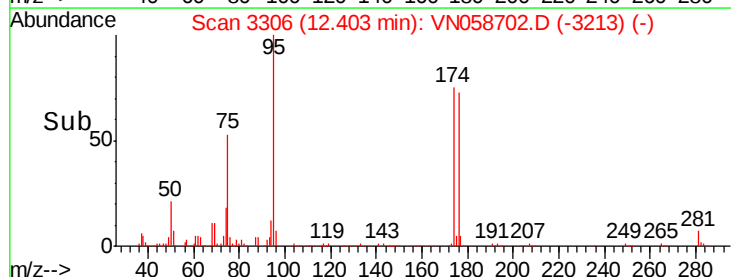
150000

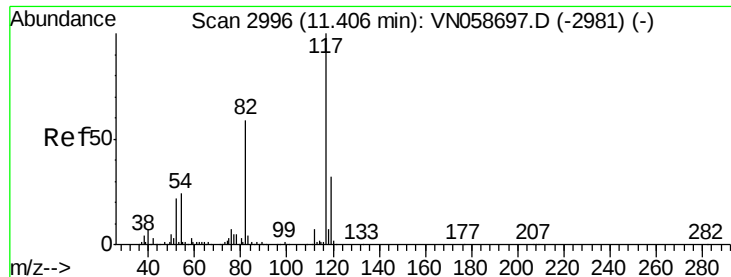
100000

50000

0

Time-->

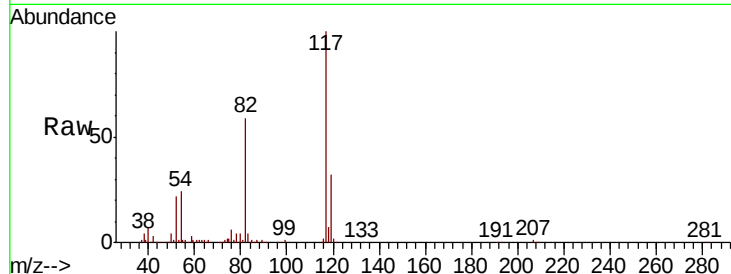




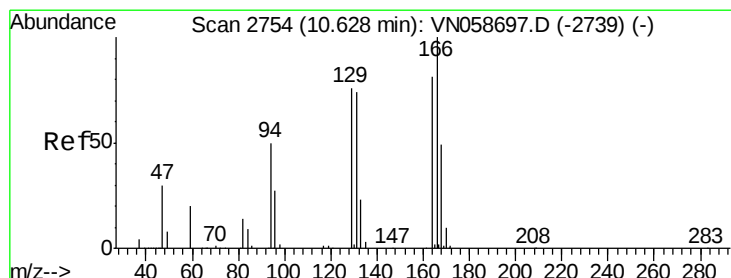
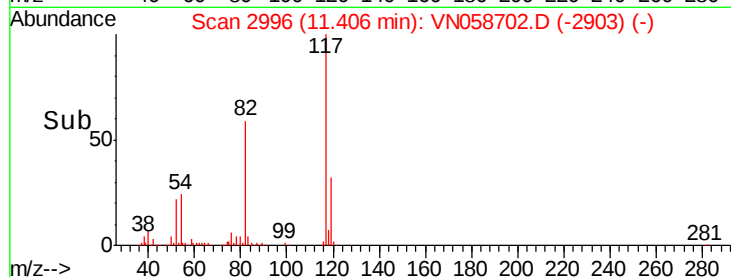
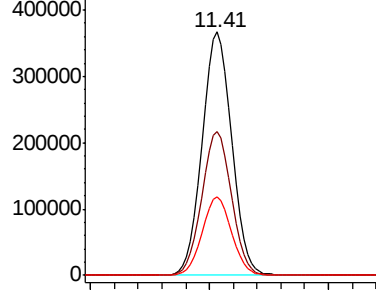
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 634258
Ion Ratio Lower Upper
117 100
82 59.1 47.0 70.4
119 32.0 25.4 38.2

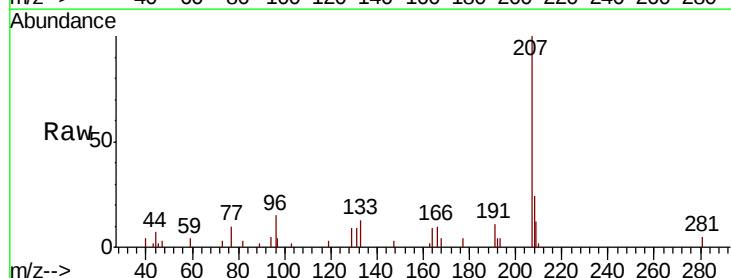


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

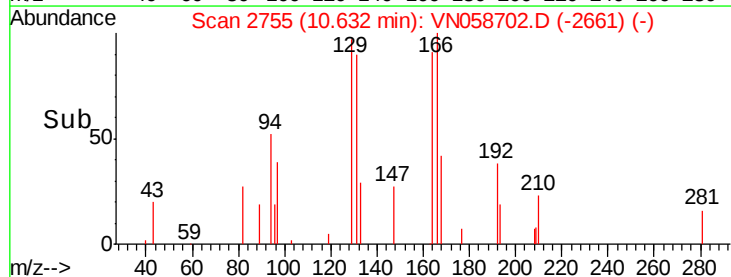
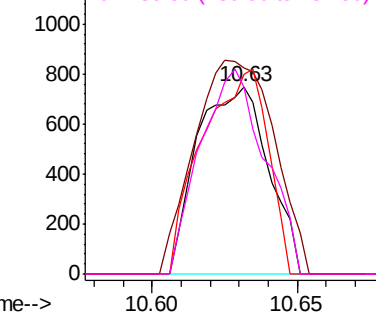


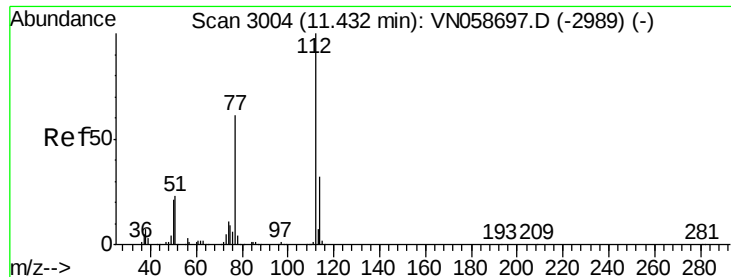
#64
Tetrachloroethene
Concen: 0.288 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion:164 Resp: 1277
Ion Ratio Lower Upper
164 100
166 110.3 99.3 148.9
129 106.8 75.2 112.8
131 99.6 73.0 109.4



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





#65

Chlorobenzene

Concen: 0.259 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

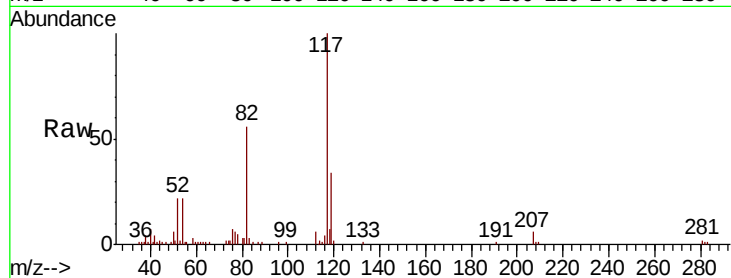
ClientSampleId :

Tot Ion:112 Resp: 3336

Ion Ratio Lower Upper

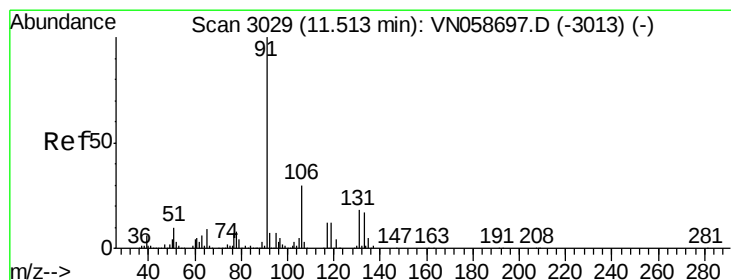
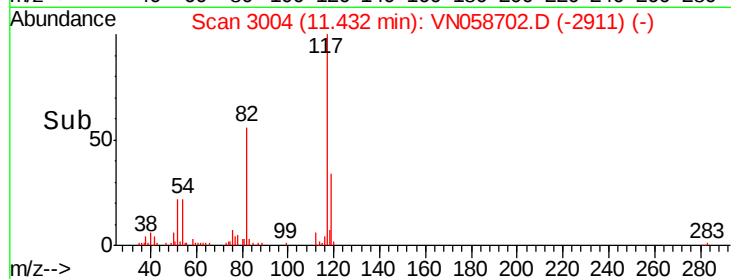
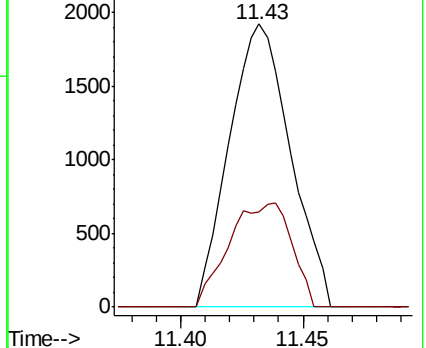
112 100

114 33.5 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.261 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058702.D

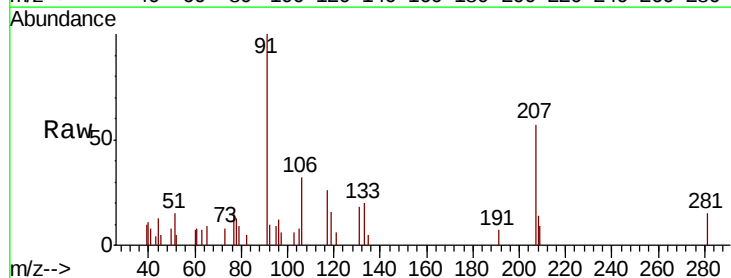
Acq: 11 Oct 2019 14:52

Tgt Ion: 91 Resp: 6001

Ion Ratio Lower Upper

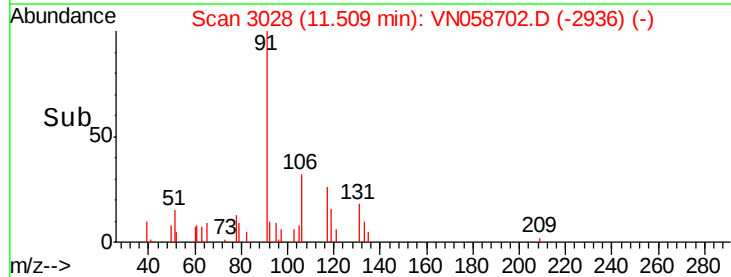
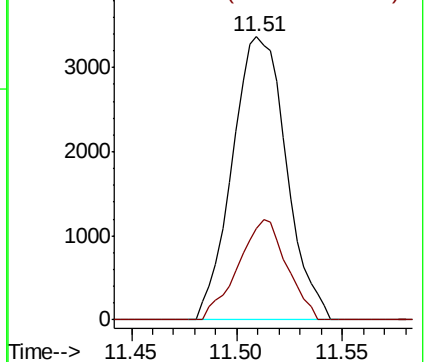
91 100

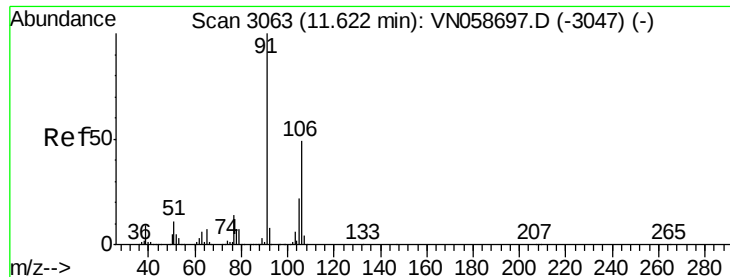
106 32.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

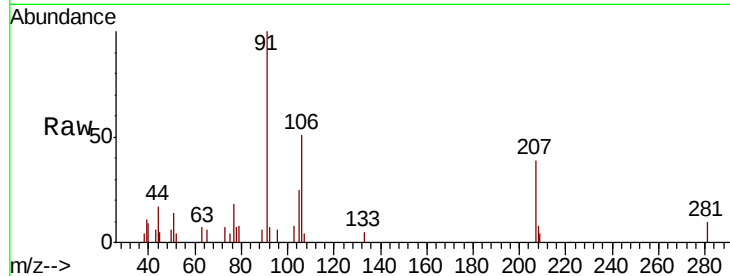




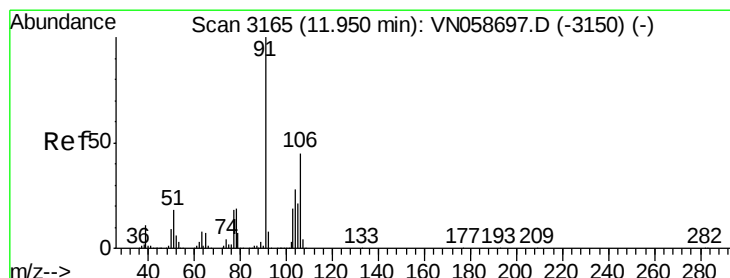
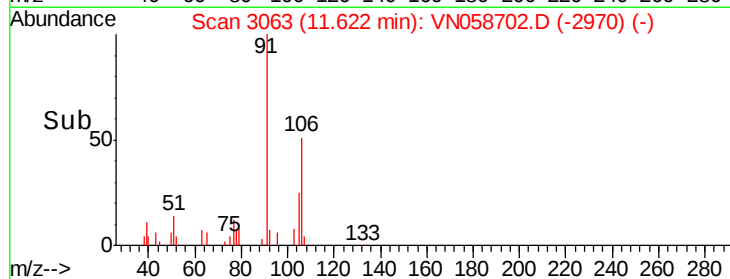
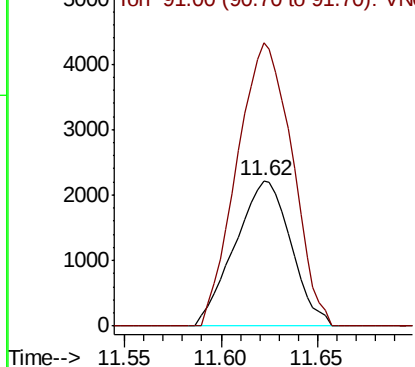
#68
m/p-Xylenes
Concen: 0.518 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 4467
Ion Ratio Lower Upper
106 100
91 191.7 165.7 248.5

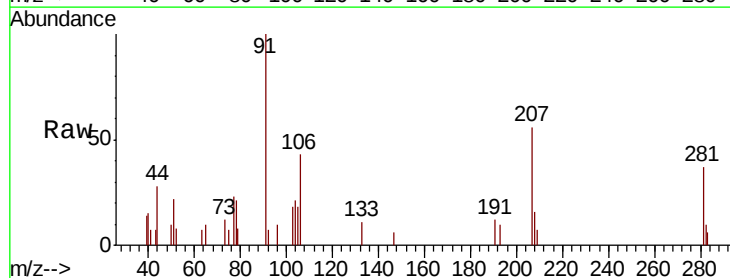


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

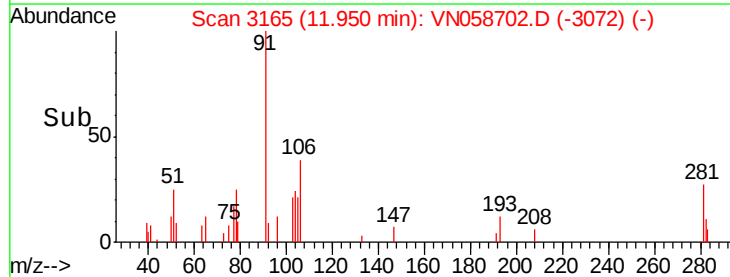
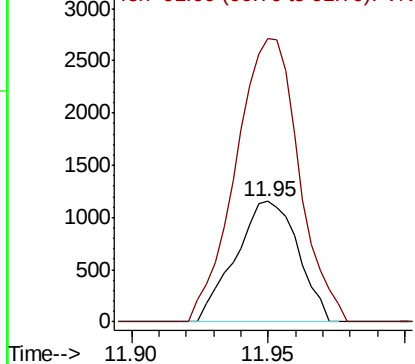


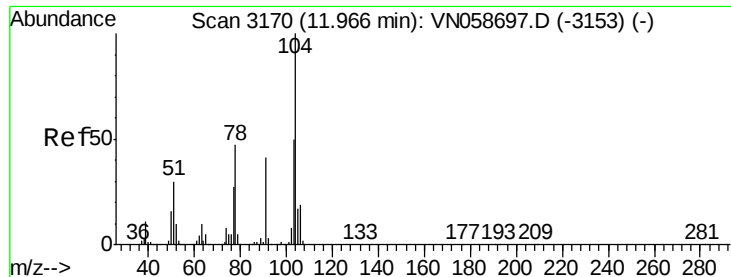
#69
o-Xylene
Concen: 0.220 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion:106 Resp: 1836
Ion Ratio Lower Upper
106 100
91 237.5 110.9 332.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

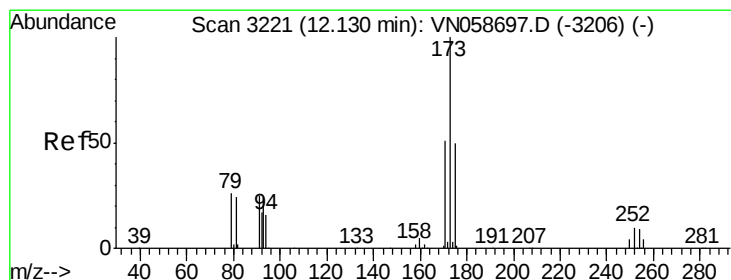
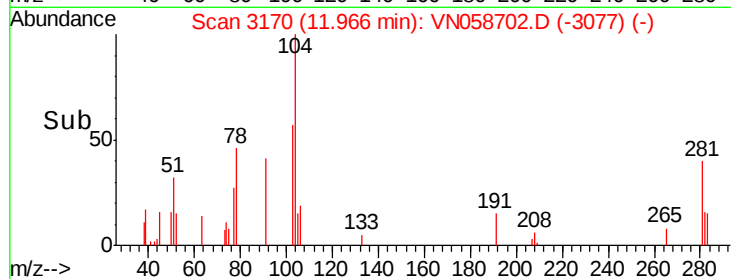
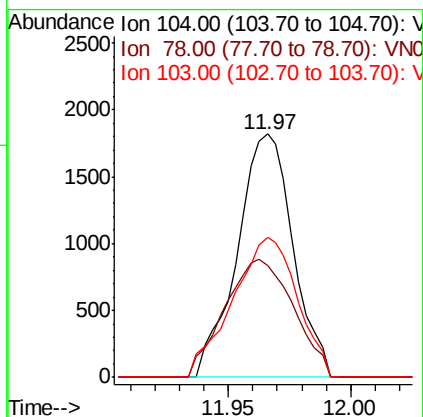
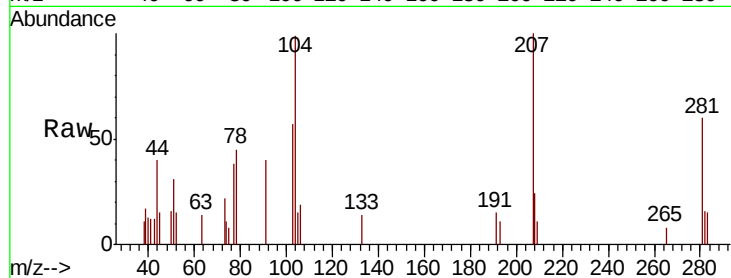




#70
Stvrene
Concen: 0.210 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

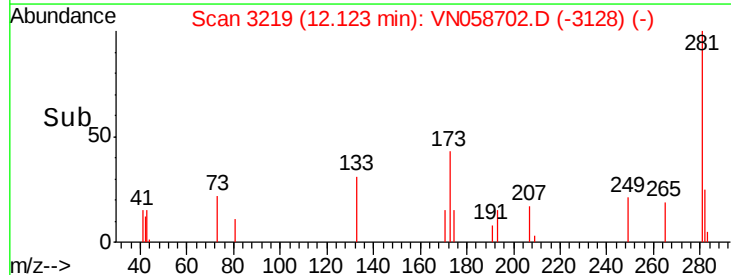
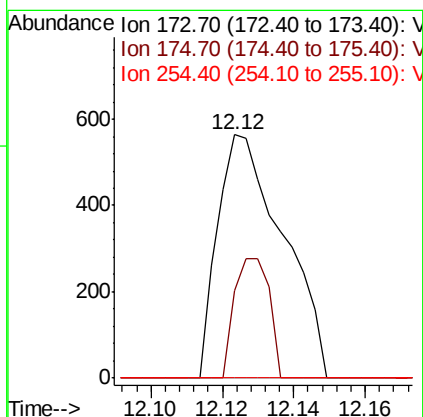
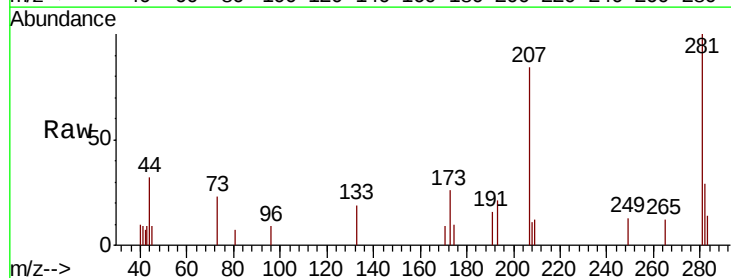
Instrument :
MSVOA_N
ClientSampled :

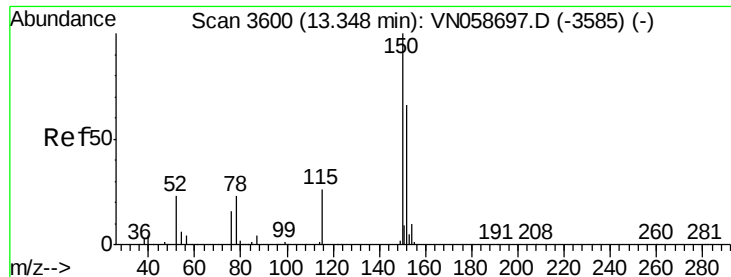
Tot Ion:104 Resp: 2875
Ion Ratio Lower Upper
104 100
78 59.8 42.2 63.2
103 66.8 43.7 65.5#



#71
Bromoform
Concen: 0.205 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.01 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion:173 Resp: 715
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

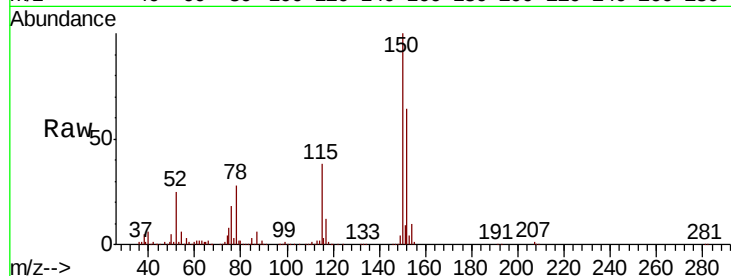
Tot Ion:152 Resp: 274592

Ion Ratio Lower Upper

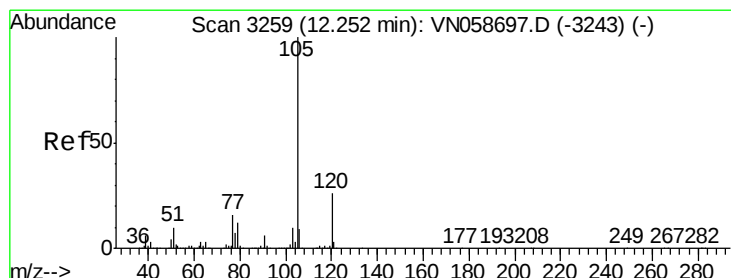
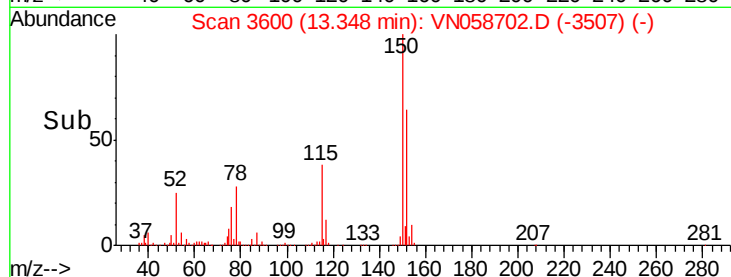
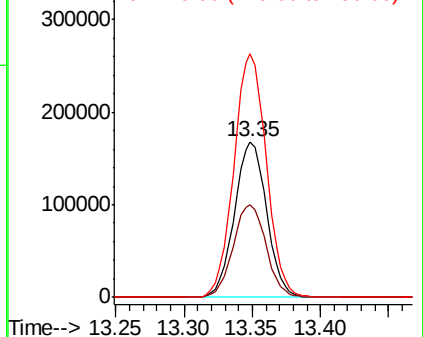
152 100

115 60.6 30.4 91.2

150 158.0 0.0 345.4



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: 0.260 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058702.D

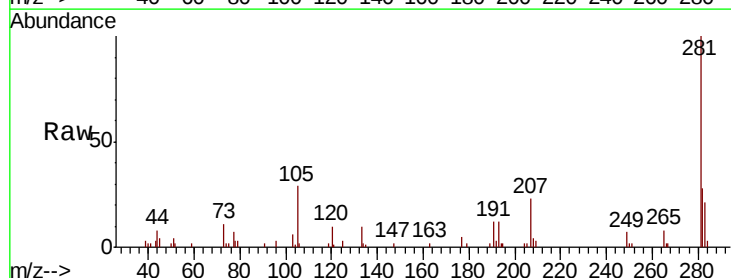
Acq: 11 Oct 2019 14:52

Tgt Ion:105 Resp: 5166

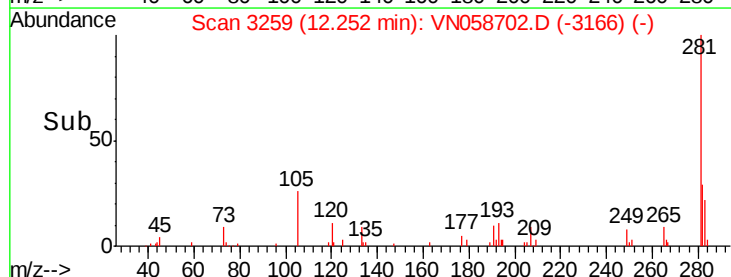
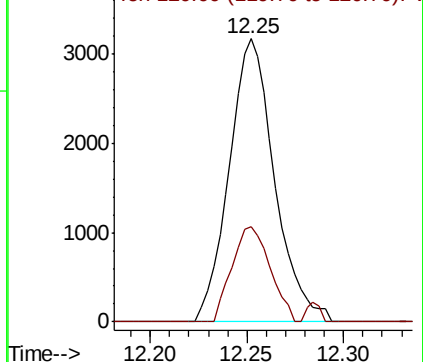
Ion Ratio Lower Upper

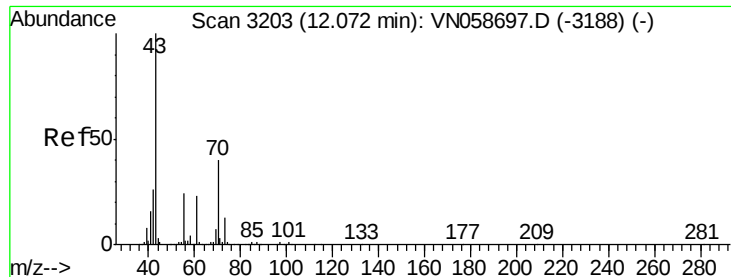
105 100

120 28.4 13.1 39.1



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





#74

N-amvl acetate

Concen: 0.254 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2269

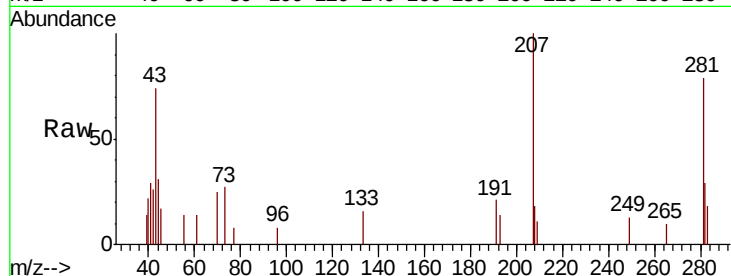
Ion Ratio Lower Upper

43 100

70 34.1 32.2 48.4

55 16.7 19.6 29.4#

61 23.7 18.6 28.0

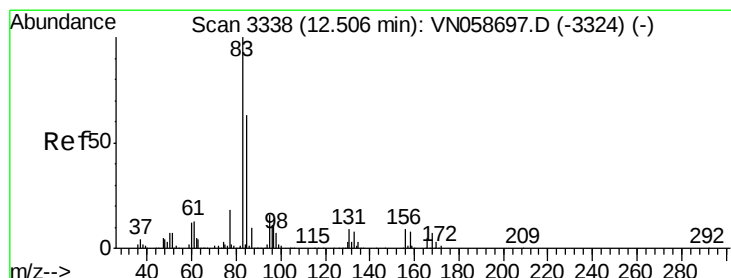
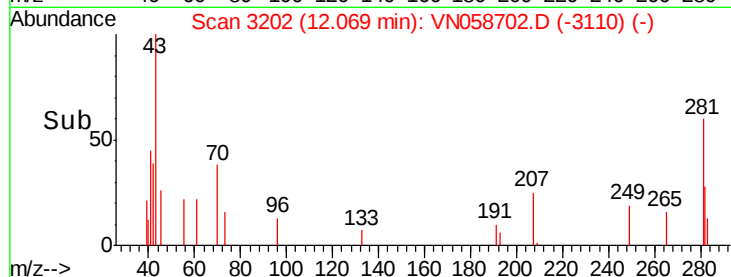
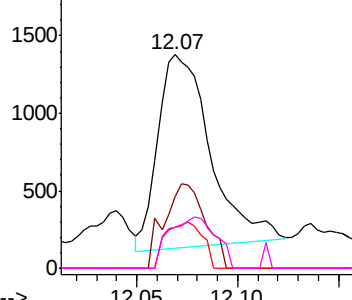


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.263 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

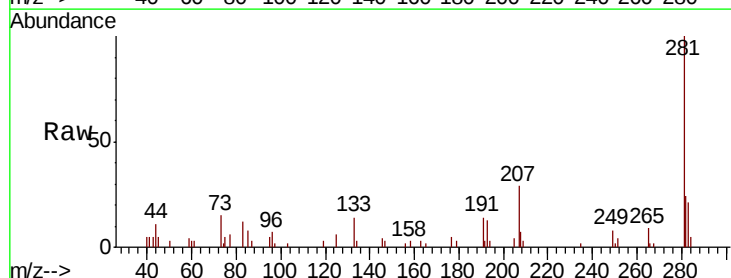
Tgt Ion: 83 Resp: 1726

Ion Ratio Lower Upper

83 100

131 1.7 4.8 14.4#

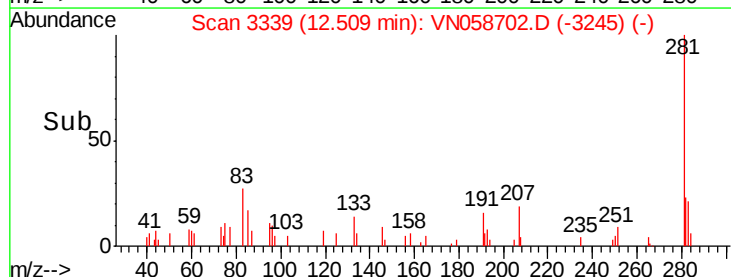
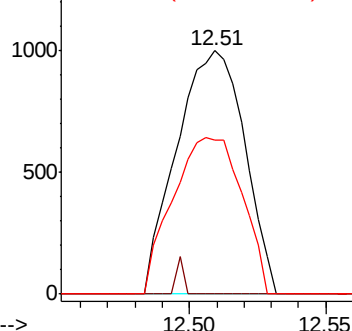
85 65.5 31.9 95.5

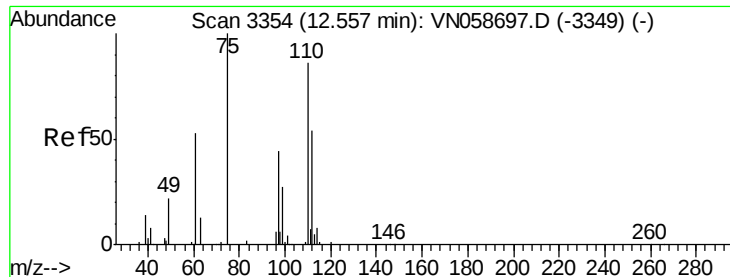


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 26.094 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

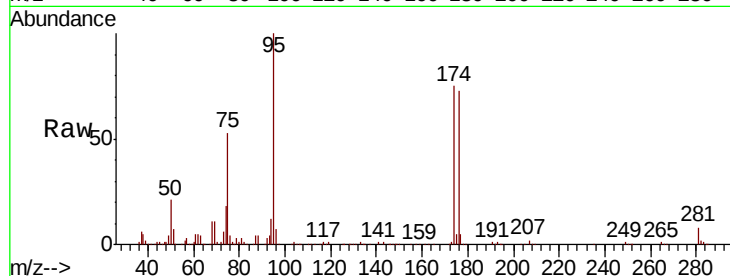
ClientSampled :

Tot Ion: 75 Resp: 157187

Ion Ratio Lower Upper

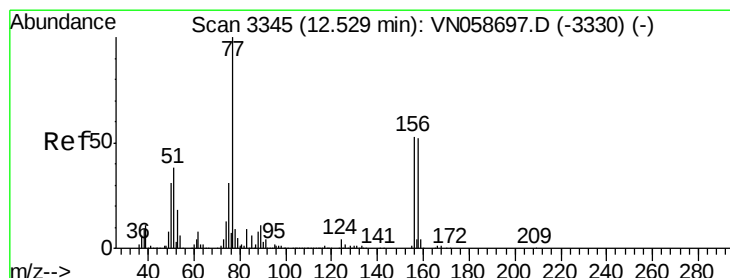
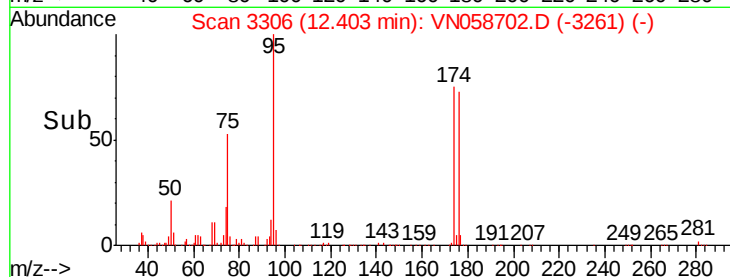
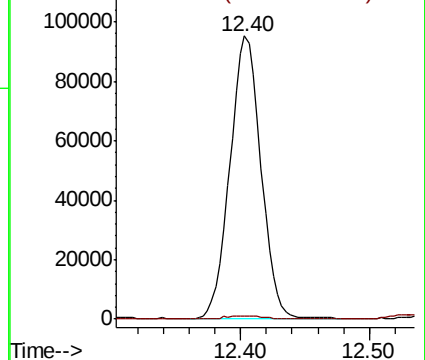
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 0.291 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

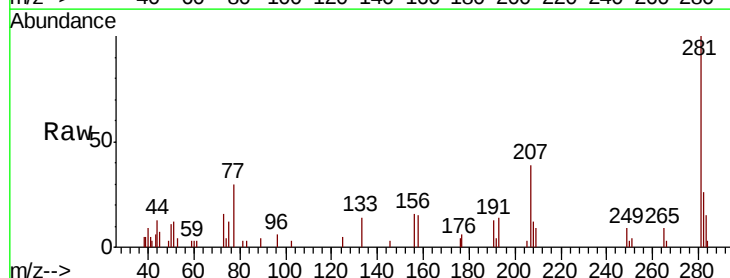
Tgt Ion: 156 Resp: 1408

Ion Ratio Lower Upper

156 100

77 213.8 115.8 347.3

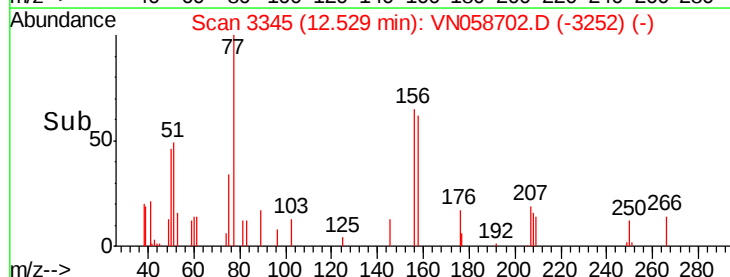
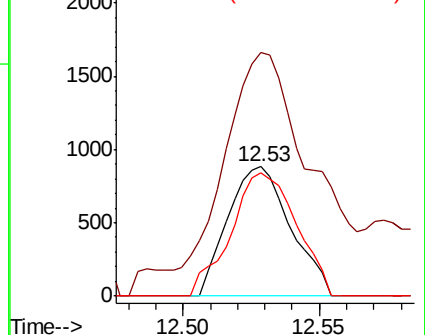
158 99.6 48.9 146.6

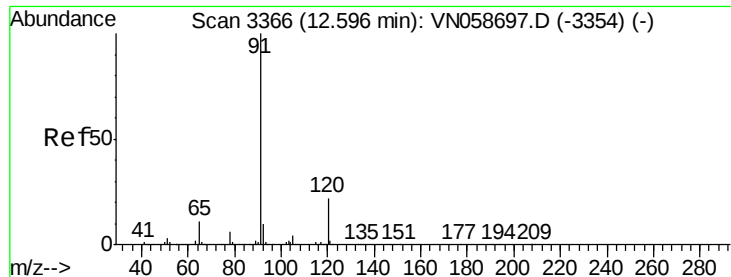


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.280 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

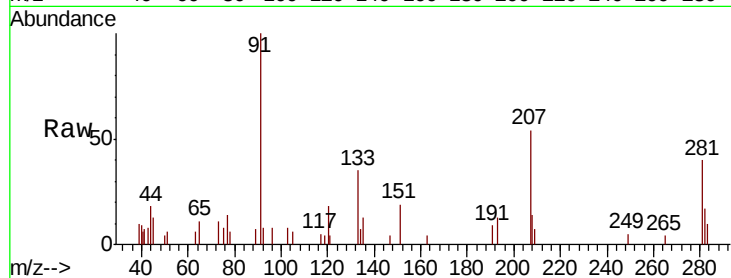
ClientSampleId :

Tot Ion: 91 Resp: 6483

Ion Ratio Lower Upper

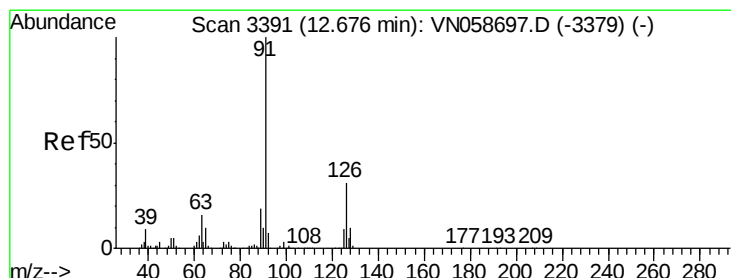
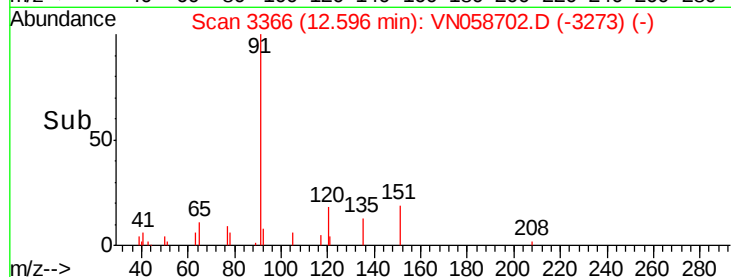
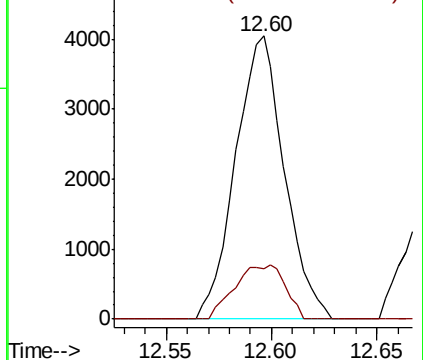
91 100

120 19.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.279 ug/l

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN058702.D

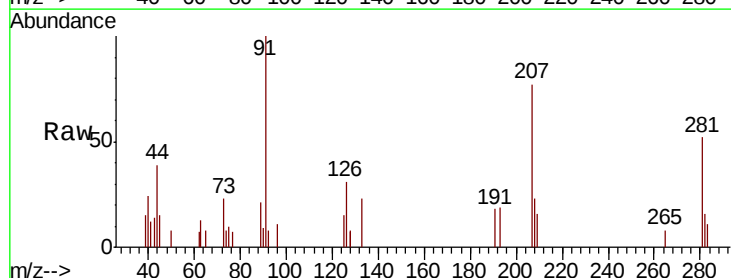
Acq: 11 Oct 2019 14:52

Tgt Ion: 91 Resp: 4020

Ion Ratio Lower Upper

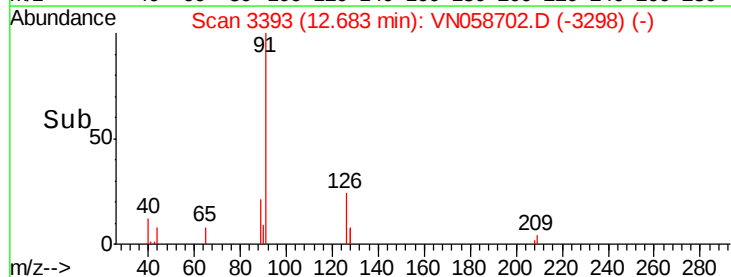
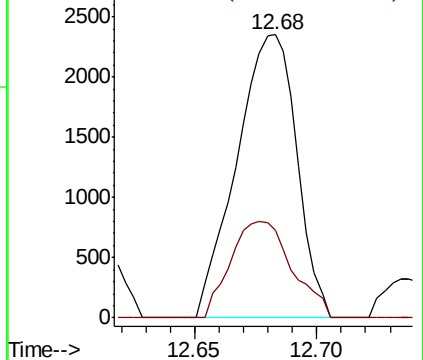
91 100

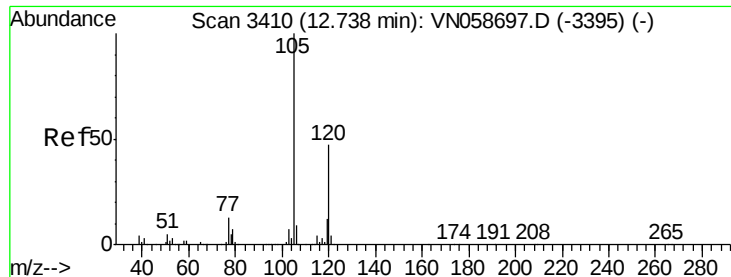
126 34.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.261 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

Instrument :

MSVOA_N

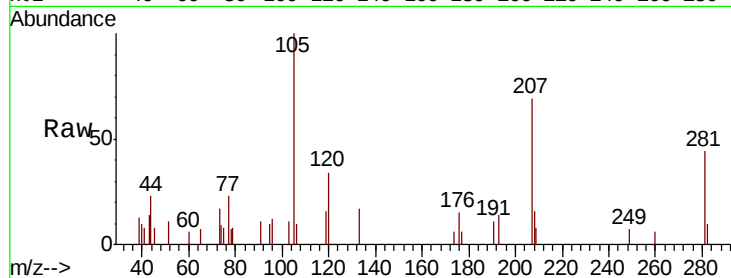
ClientSampleId :

Tot Ion:105 Resp: 4435

Ion Ratio Lower Upper

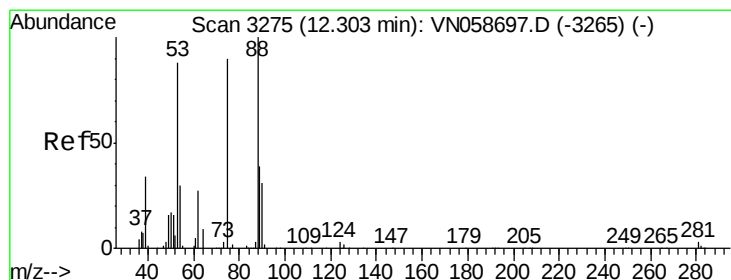
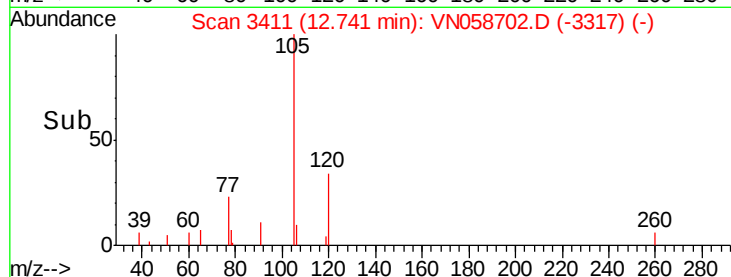
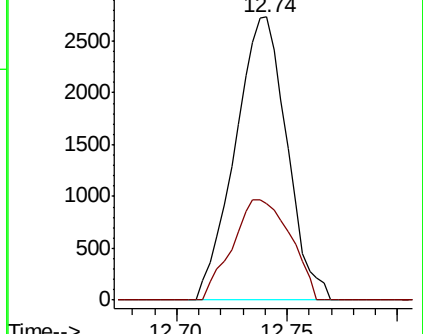
105 100

120 39.7 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.897 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058702.D

Acq: 11 Oct 2019 14:52

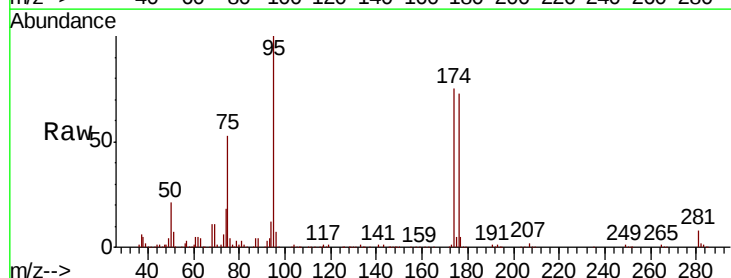
Tgt Ion: 75 Resp: 157187

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

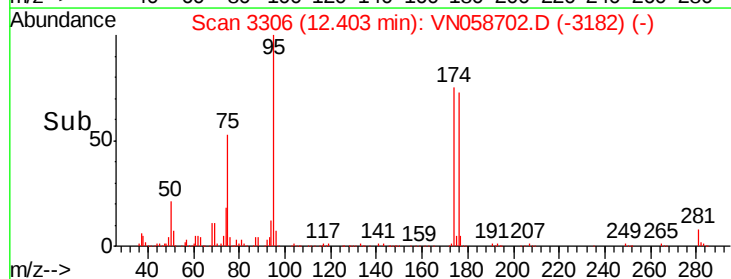
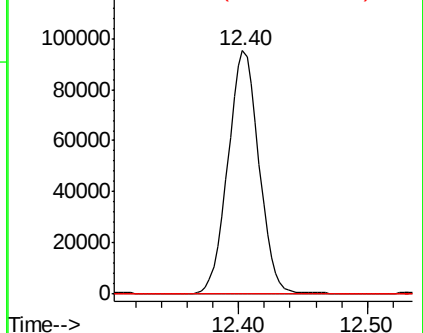
89 0.0 34.9 52.3#

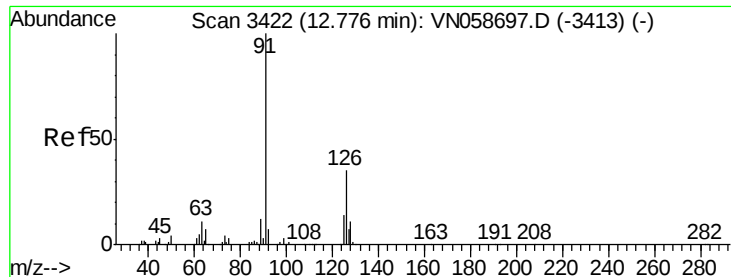


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

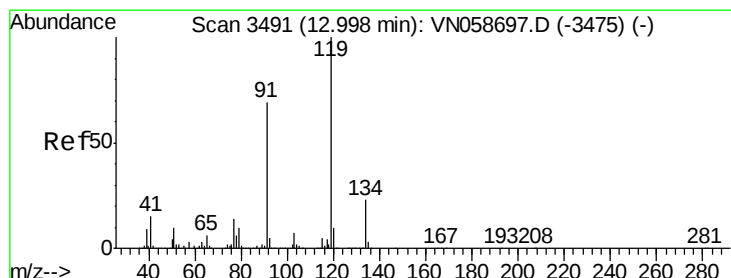
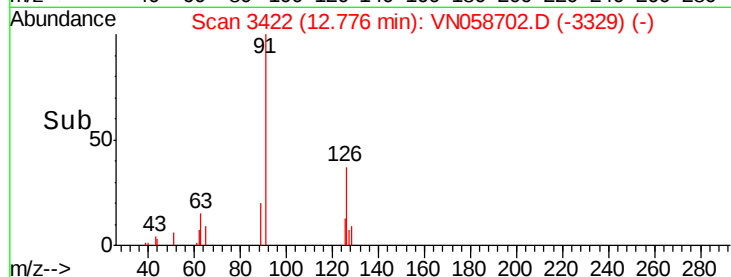
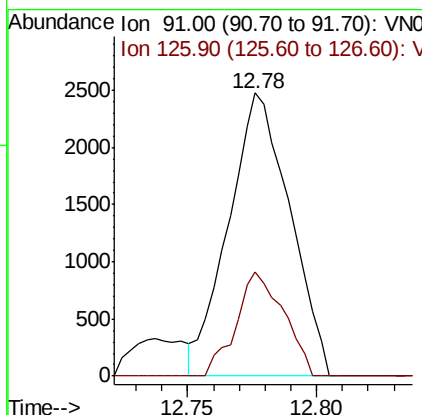
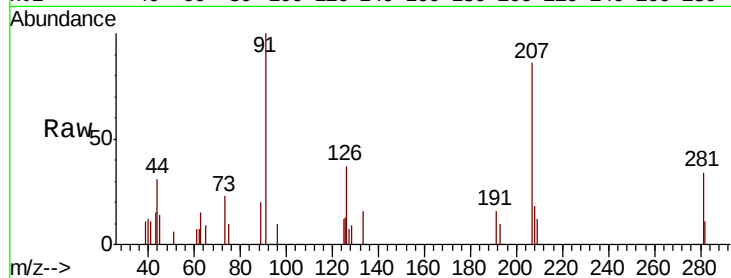




#82
4-Chlorotoluene
Concen: 0.277 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

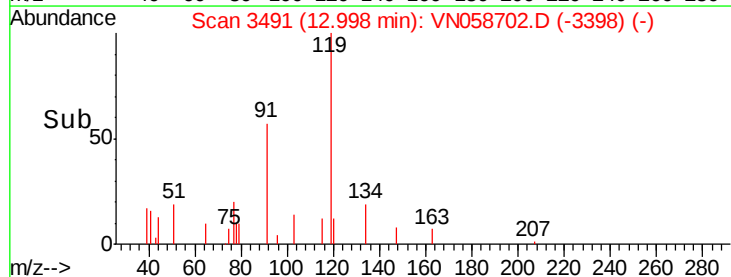
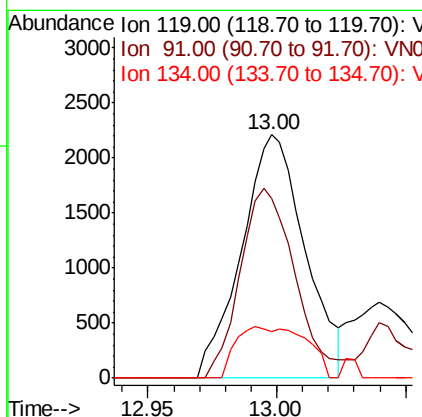
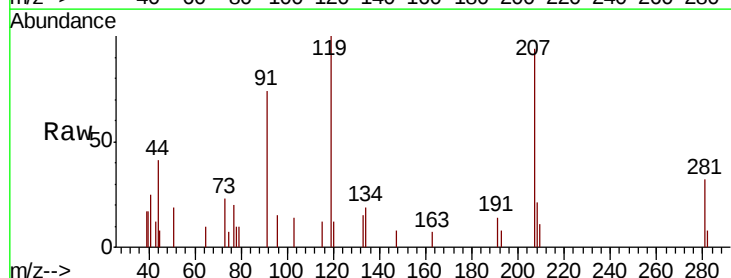
Instrument :
MSVOA_N
ClientSampled :

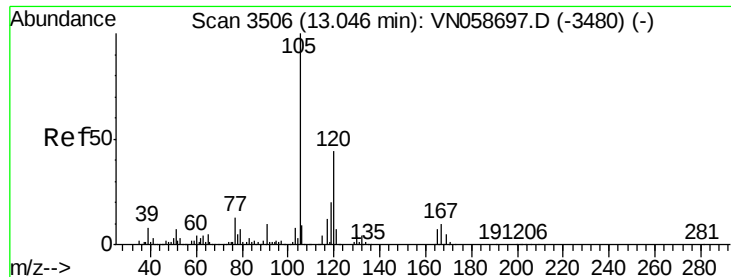
Tot Ion: 91 Resp: 4094
Ion Ratio Lower Upper
91 100
126 28.7 15.9 47.6



#83
tert-Butylbenzene
Concen: 0.261 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion: 119 Resp: 3800
Ion Ratio Lower Upper
119 100
91 67.1 33.8 101.3
134 23.2 12.6 37.6

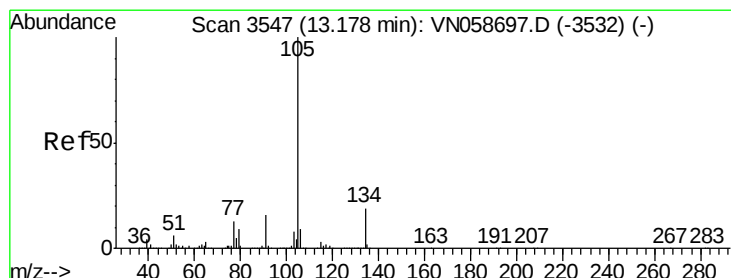
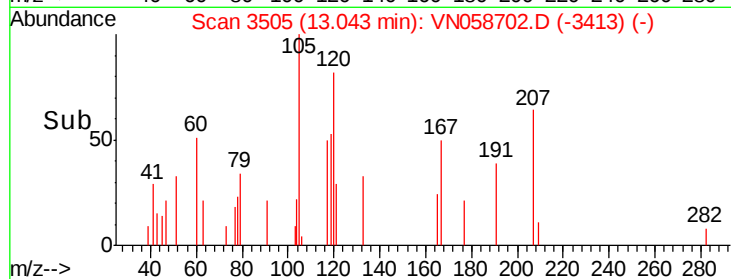
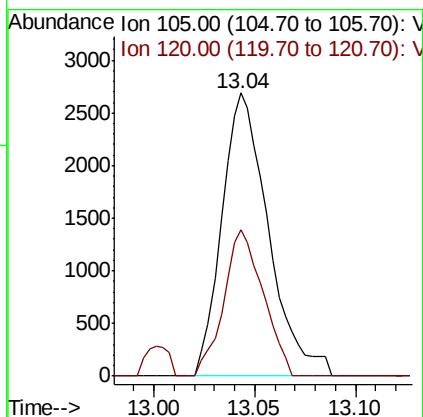
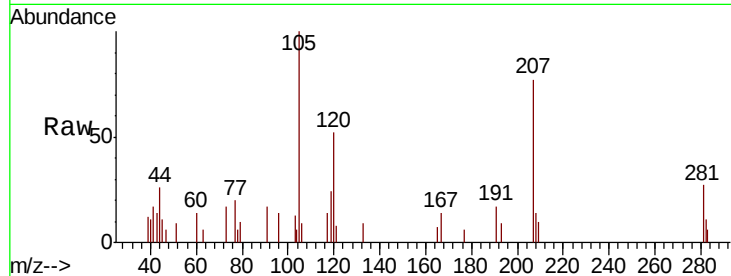




#84
 1,2,4-Trimethylbenzene
 Concen: 0.257 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

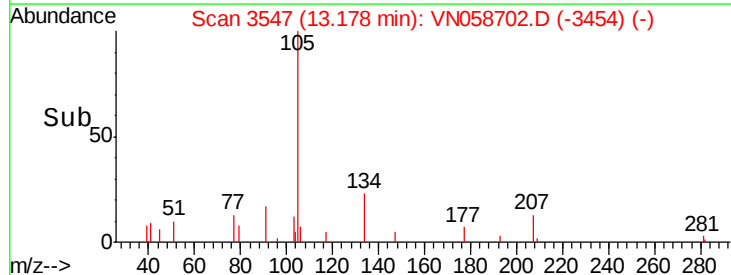
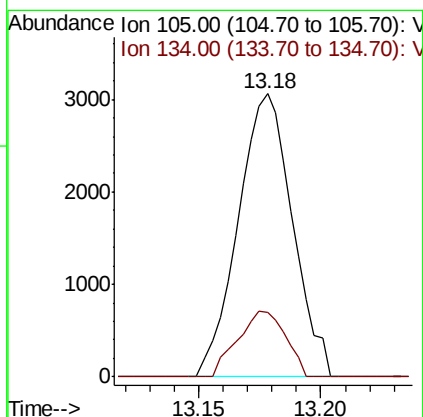
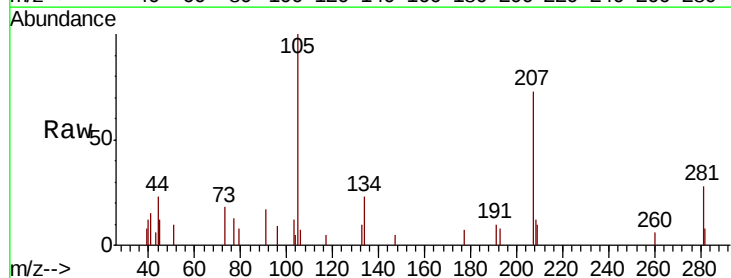
Instrument :
 MSVOA_N
 ClientSampled :

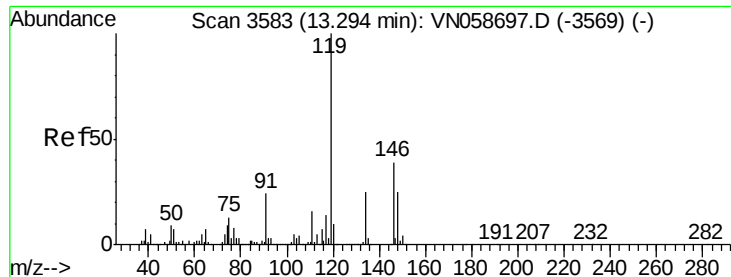
Tot Ion:105 Resp: 4331
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 0.246 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion:105 Resp: 4722
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1

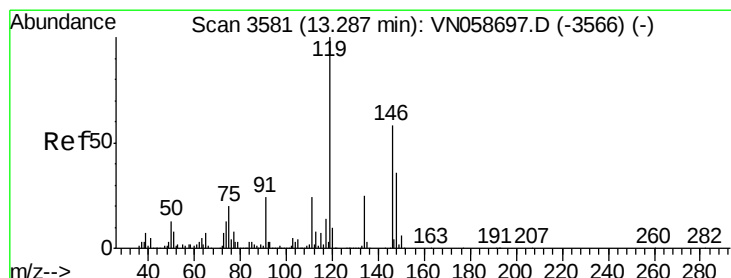
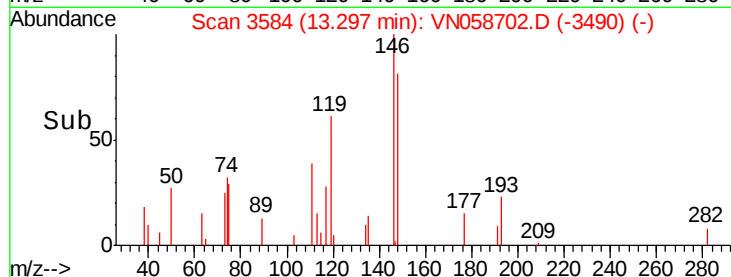
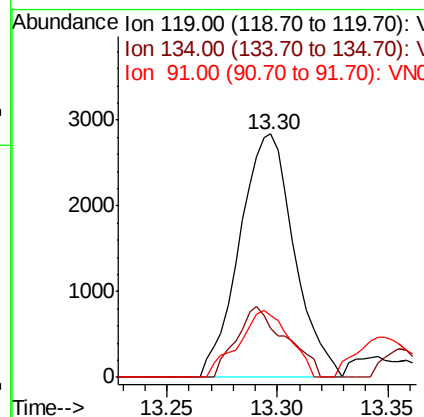
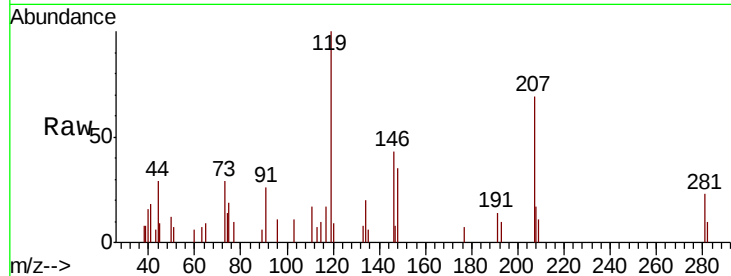




#86
 p-Isopropyltoluene
 Concen: 0.280 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

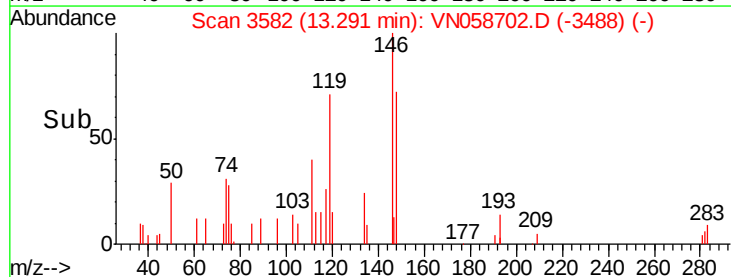
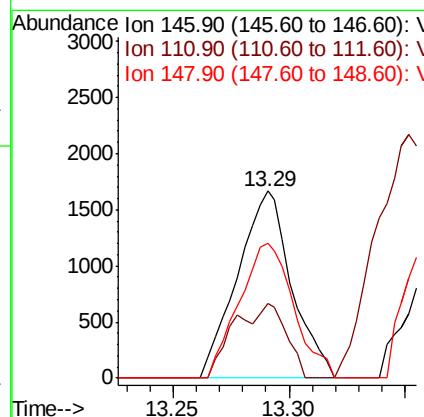
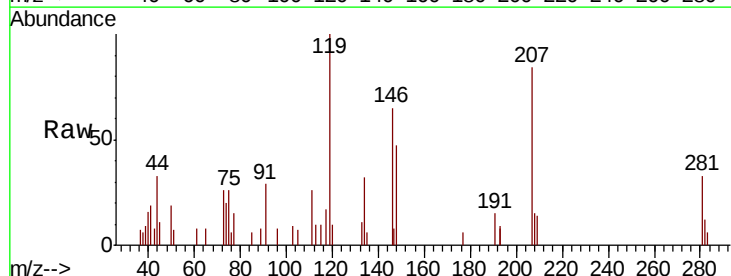
Instrument :
 MSVOA_N
 ClientSampleId :

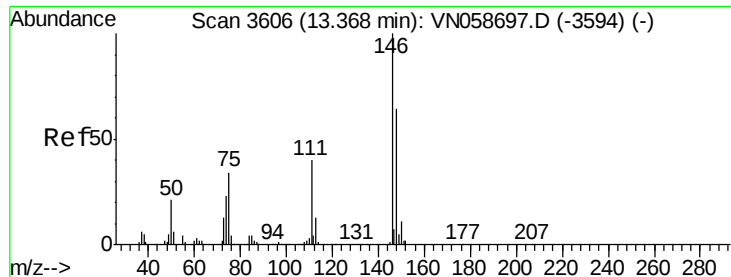
Tot Ion:119 Resp: 4872
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.1
 91 25.5 11.9 35.5



#87
 1,3-Dichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion:146 Resp: 2697
 Ion Ratio Lower Upper
 146 100
 111 20.7 20.5 61.6
 148 72.6 31.3 93.9

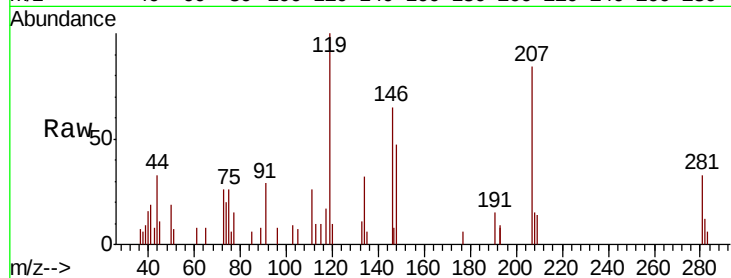




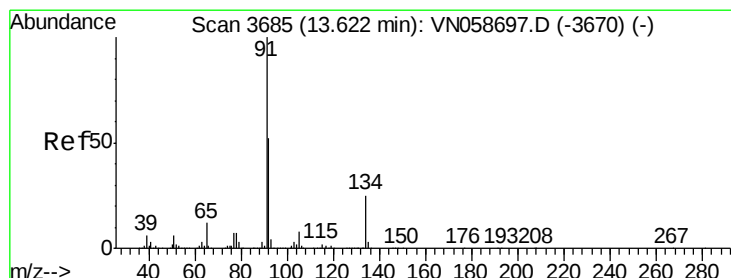
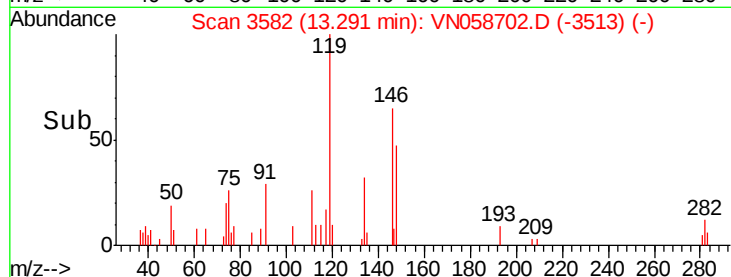
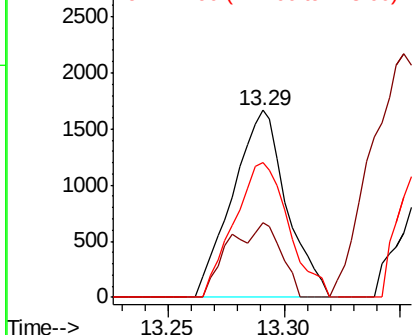
#88
 1,4-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.08 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 2697
 Ion Ratio Lower Upper
 146 100
 111 20.7 20.1 60.2
 148 72.6 31.9 95.7

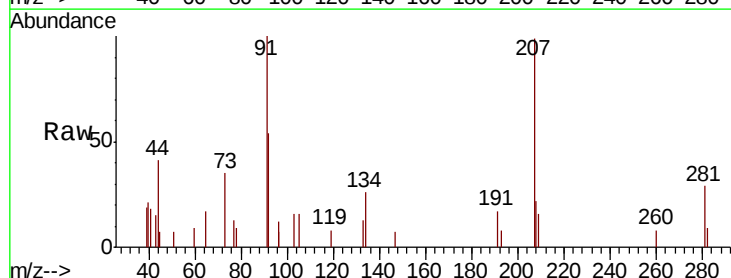


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

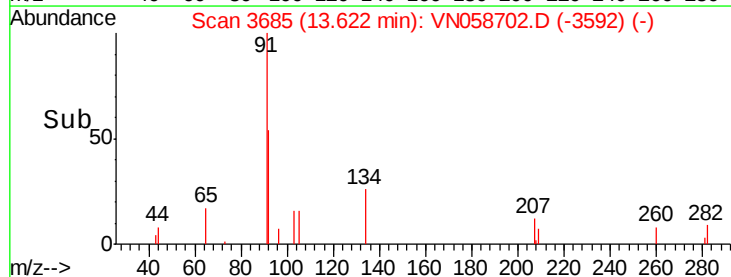
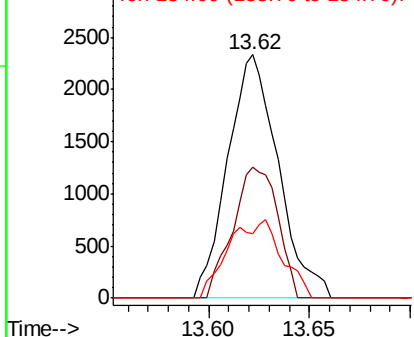


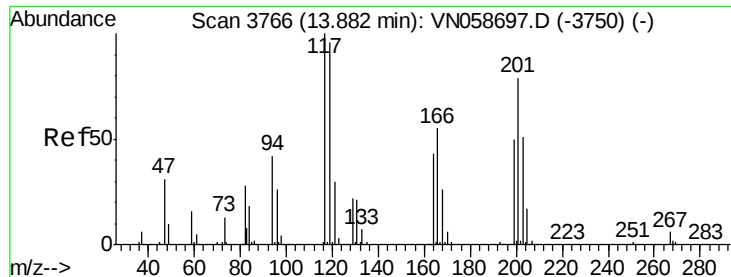
#89
 n-Butylbenzene
 Concen: 0.254 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion: 91 Resp: 4087
 Ion Ratio Lower Upper
 91 100
 92 47.9 26.0 78.0
 134 17.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V

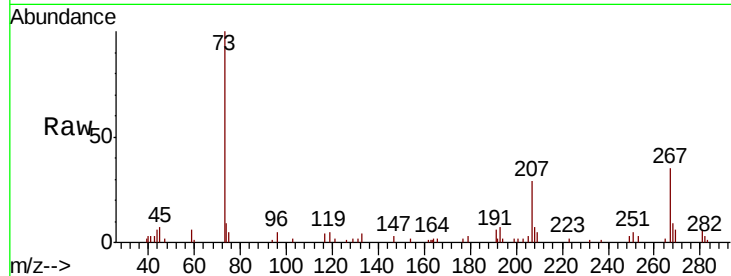




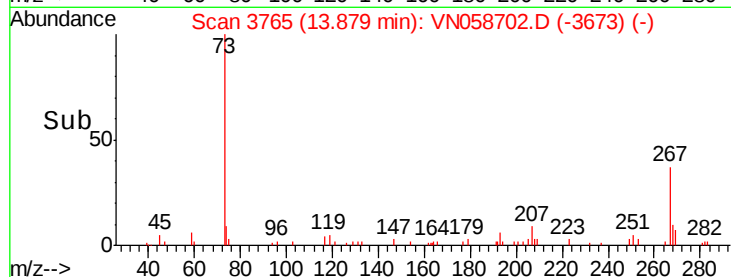
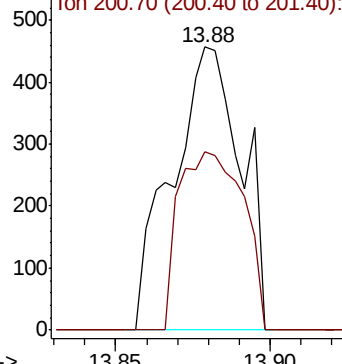
#90
Hexachloroethane
Concen: 0.227 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampled :

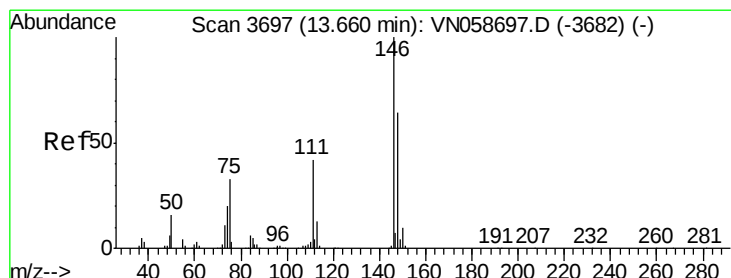
Tot Ion:117 Resp: 709
Ion Ratio Lower Upper
117 100
201 59.0 39.6 118.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

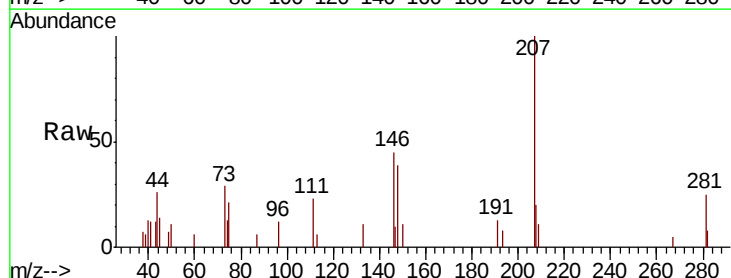


Time-->

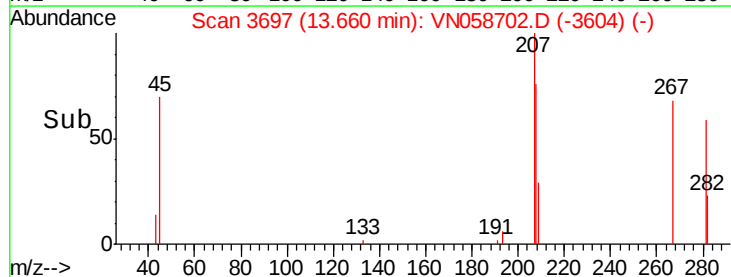
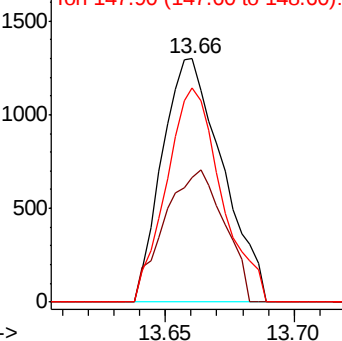


#91
1,2-Dichlorobenzene
Concen: 0.243 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

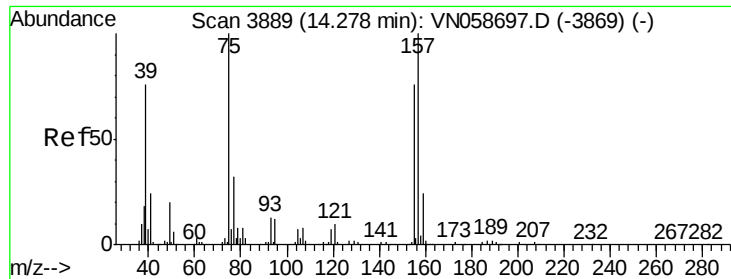
Tgt Ion:146 Resp: 2115
Ion Ratio Lower Upper
146 100
111 53.9 21.1 63.4
148 80.4 31.8 95.3



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



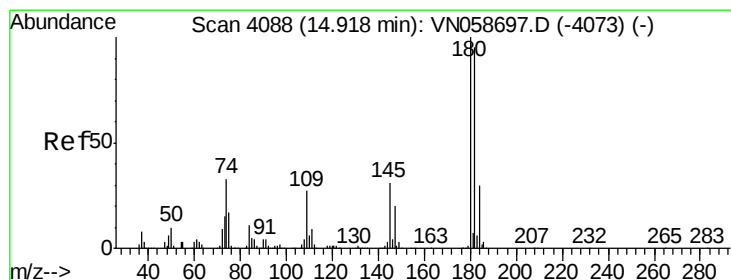
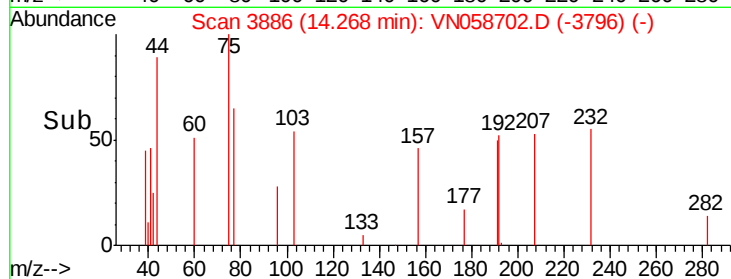
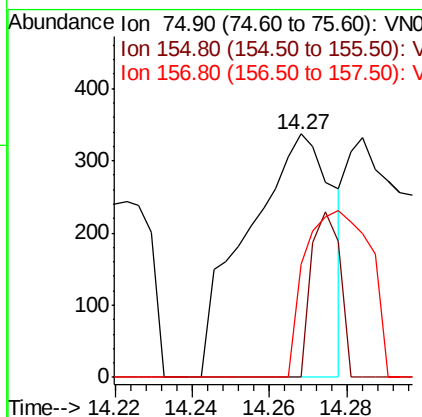
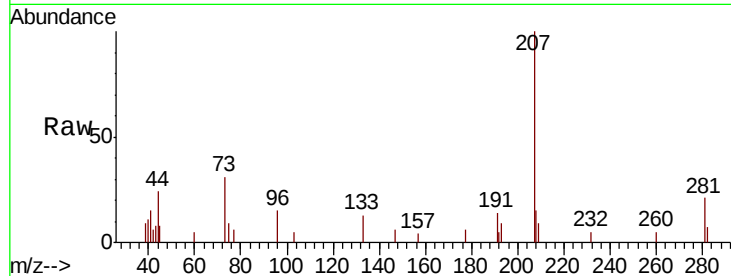
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.339 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.01 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

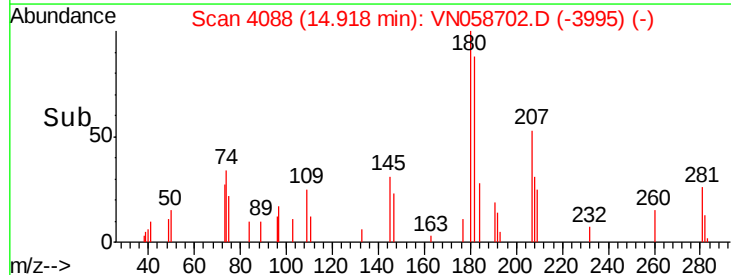
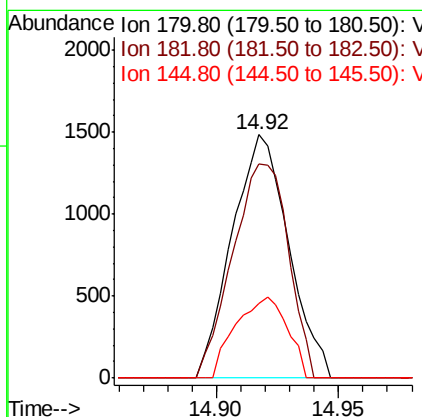
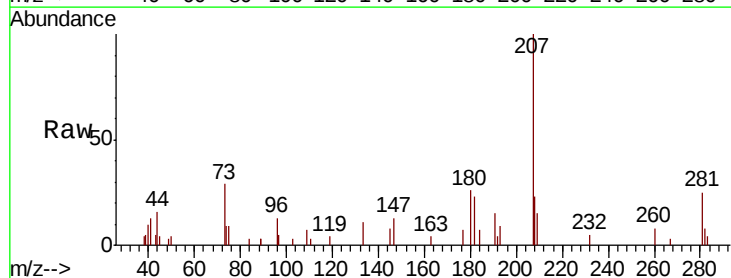
Instrument :
 MSVOA_N
 ClientSampled :

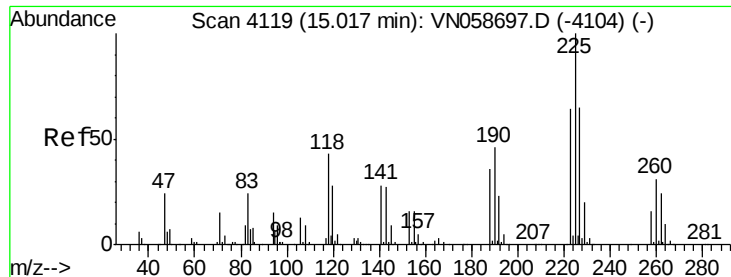
Tot Ion: 75 Resp: 519
 Ion Ratio Lower Upper
 75 100
 155 22.5 37.9 113.6#
 157 52.0 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.450 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Tgt Ion: 180 Resp: 2384
 Ion Ratio Lower Upper
 180 100
 182 87.0 47.4 142.2
 145 30.4 15.4 46.2

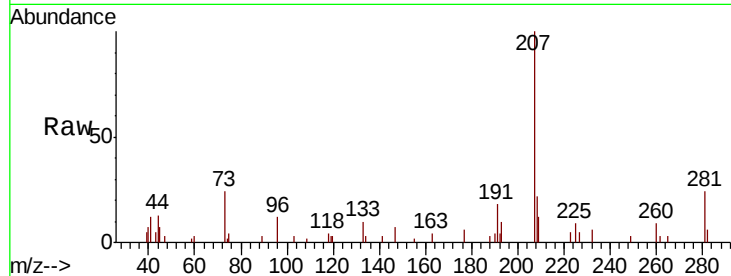




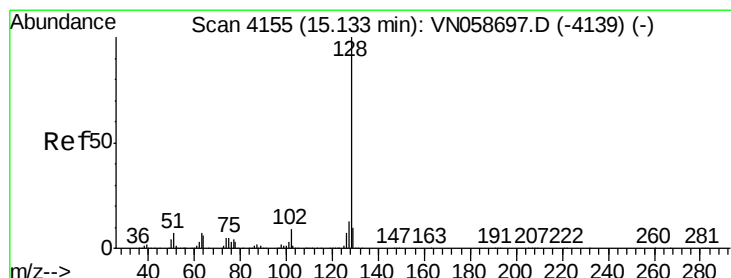
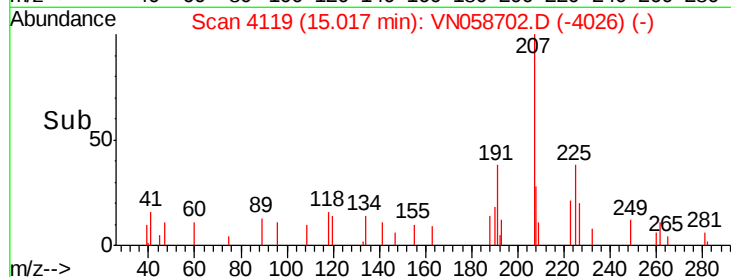
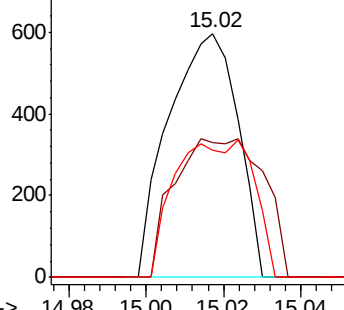
#94
Hexachlorobutadiene
Concen: 0.266 ug/l
RT: 15.02 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	72.5	32.3	96.8
227	63.8	32.4	97.0

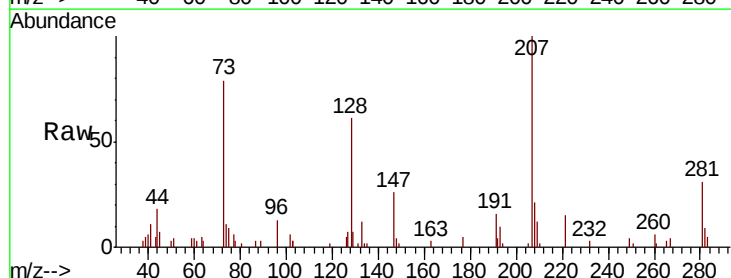


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

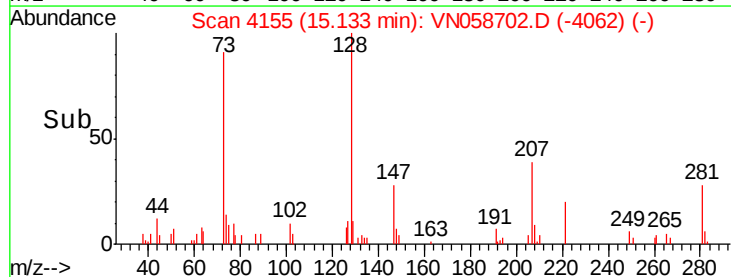
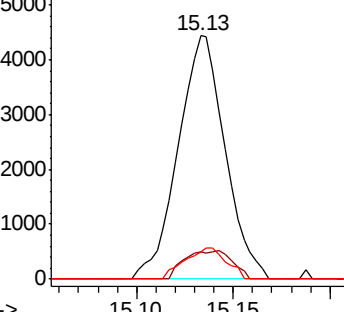


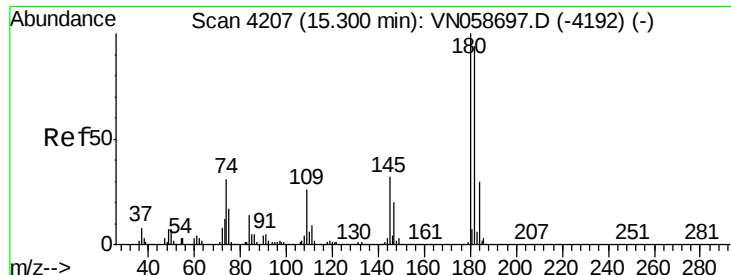
#95
Naphthalene
Concen: 0.490 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058702.D
Acq: 11 Oct 2019 14:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.4
129	11.3	8.5	12.7



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: 0.469 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN058702.D
 Acq: 11 Oct 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.5	47.3	142.0
145	39.7	16.2	48.6

