

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056298.D
 Acq On : 13 Jun 2019 21:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	180441	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.59	113	164956	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.09	98	599365	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	204309	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	169494	46.553	ug/l	100
3) Chloromethane	2.06	50	185187	51.520	ug/l	100
4) Vinyl Chloride	2.18	62	186881	51.831	ug/l	100
5) Bromomethane	2.52	94	102547	45.024	ug/l	97
6) Chloroethane	2.68	64	107842	51.587	ug/l	99
7) Trichlorofluoromethane	3.00	101	238142	51.737	ug/l	100
8) Diethyl Ether	3.40	74	96228	50.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	147358	52.702	ug/l	99
10) Methyl Iodide	3.94	142	164865	37.104	ug/l	99
11) Tert butyl alcohol	4.82	59	161632	282.105	ug/l	100
12) 1,1-Dichloroethene	3.72	96	144116	51.772	ug/l	98
13) Acrolein	3.60	56	38979	235.889	ug/l	100
14) Allyl chloride	4.31	41	241645	54.975	ug/l	97
15) Acrylonitrile	4.99	53	441903	316.840	ug/l	100
16) Acetone	3.82	43	368402	233.958	ug/l	99
17) Carbon Disulfide	4.04	76	313519	47.039	ug/l	100
18) Methyl Acetate	4.33	43	211369	68.551	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	490373	55.266	ug/l	98
20) Methylene Chloride	4.54	84	175427	54.075	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	152528	51.140	ug/l	98
22) Diisopropyl ether	5.96	45	510190	56.150	ug/l	99
23) Vinyl Acetate	5.90	43	2084590	291.332	ug/l	100
24) 1,1-Dichloroethane	5.84	63	293679	56.032	ug/l	99
25) 2-Butanone	6.84	43	583985	293.530	ug/l	100
26) 2,2-Dichloropropane	6.82	77	174892	42.763	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	186975	53.331	ug/l	99
28) Bromochloromethane	7.19	49	143843	58.034	ug/l	95
29) Tetrahydrofuran	7.22	42	388098	315.577	ug/l	97
30) Chloroform	7.37	83	295947	56.130	ug/l	100
31) Cyclohexane	7.65	56	250639	47.975	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	239996	54.509	ug/l	99
36) 1,1-Dichloropropene	7.79	75	212880	48.548	ug/l	99
37) Ethyl Acetate	6.94	43	226411	58.031	ug/l	98
38) Carbon Tetrachloride	7.77	117	206848	51.166	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	249806	45.732	ug/l	99
40) Benzene	8.04	78	670781	50.366	ug/l	100
41) Methacrylonitrile	7.17	41	95628	53.272	ug/l	88
42) 1,2-Dichloroethane	8.12	62	223334	52.133	ug/l	100
43) Isopropyl Acetate	8.17	43	350815	55.489	ug/l #	91
44) Trichloroethene	8.83	130	183758	48.017	ug/l	99
45) 1,2-Dichloropropane	9.12	63	184996	54.230	ug/l	100
46) Dibromomethane	9.21	93	120454	53.997	ug/l	96
47) Bromodichloromethane	9.40	83	230465	57.003	ug/l	97
48) Methyl methacrylate	9.20	41	179828	58.140	ug/l	97
49) 1,4-Dioxane	9.21	88	74474	1115.294	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1152499	291.503	ug/l	100
52) Toluene	10.16	92	419587	50.630	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	228145	48.220	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	264014	54.327	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	178081	54.248	ug/l	97
56) Ethyl methacrylate	10.43	69	264908	55.314	ug/l	99
57) 1,3-Dichloropropane	10.71	76	293445	54.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	422823	224.302	ug/l	98
59) 2-Hexanone	10.75	43	798135	278.531	ug/l	99
60) Dibromochloromethane	10.90	129	184413	50.889	ug/l	98
61) 1,2-Dibromoethane	11.01	107	183949	54.813	ug/l	98
64) Tetrachloroethene	10.63	164	179982	45.638	ug/l	99
65) Chlorobenzene	11.43	112	463091	51.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	174083	55.603	ug/l	99
67) Ethyl Benzene	11.51	91	796264	50.503	ug/l	99
68) m/p-Xylenes	11.62	106	598145	99.310	ug/l	99
69) o-Xylene	11.95	106	293884	49.604	ug/l	99
70) Styrene	11.96	104	499430	53.055	ug/l	100
71) Bromoform	12.13	173	135939	51.623	ug/l #	99
73) Isopropylbenzene	12.25	105	785375	58.041	ug/l	100
74) N-amyl acetate	12.07	43	284837	55.911	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	245440	55.321	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	289067	82.200	ug/l #	100
77) Bromobenzene	12.53	156	207420	50.692	ug/l	98
78) n-propylbenzene	12.59	91	843067	52.143	ug/l	100
79) 2-Chlorotoluene	12.67	91	514224	57.697	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	634054	49.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58895	55.773	ug/l	91
82) 4-Chlorotoluene	12.77	91	498371	52.687	ug/l	100
83) tert-Butylbenzene	12.99	119	560636	56.591	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	624879	51.280	ug/l	99
85) sec-Butylbenzene	13.17	105	731446	51.084	ug/l	99
86) p-Isopropyltoluene	13.29	119	643278	50.199	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	325206	51.352	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	313070	51.391	ug/l	100
89) n-Butylbenzene	13.61	91	479023	50.462	ug/l	100
90) Hexachloroethane	13.88	117	111758	57.829	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	325502	50.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39082	61.588	ug/l	99

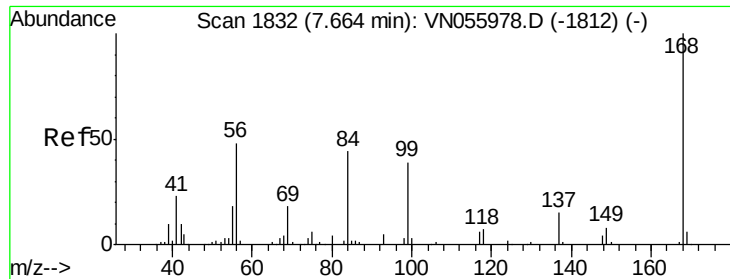
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146187	42.218	ug/l	99
94) Hexachlorobutadiene	15.01	225	111534	50.899	ug/l	99
95) Naphthalene	15.13	128	422425	46.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	170168	47.549	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

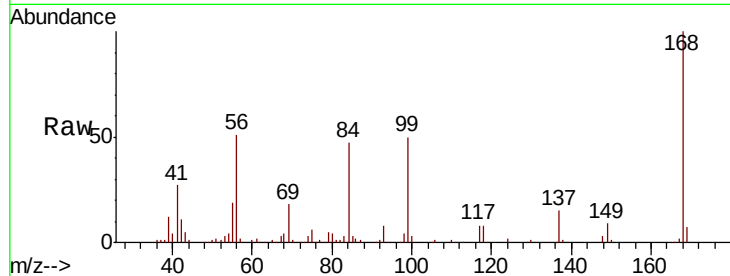
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 331589

Ion Ratio Lower Upper

168 100

99 49.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

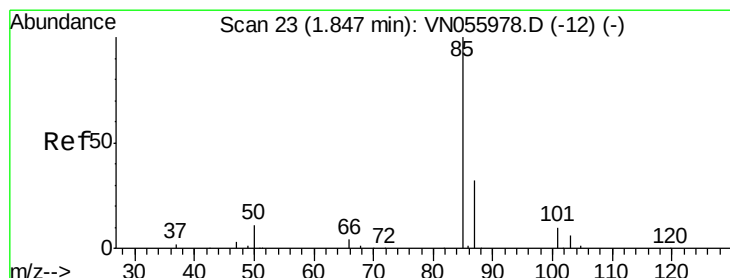
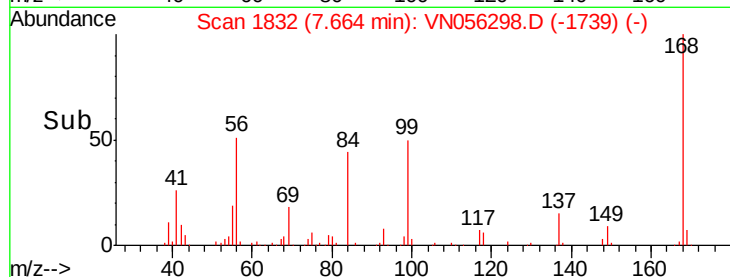
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50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 46.553 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056298.D

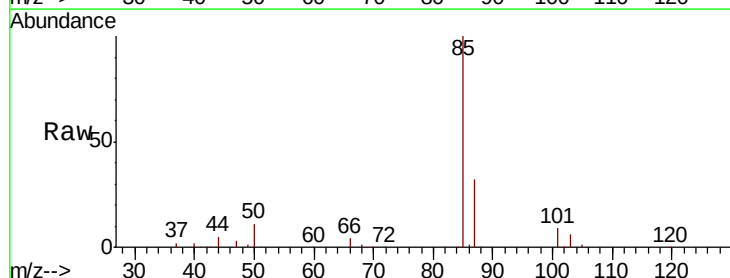
Acq: 13 Jun 2019 21:52

Tgt Ion: 85 Resp: 169494

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

120000

100000

80000

60000

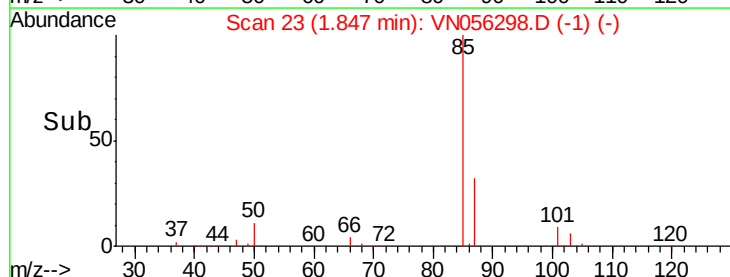
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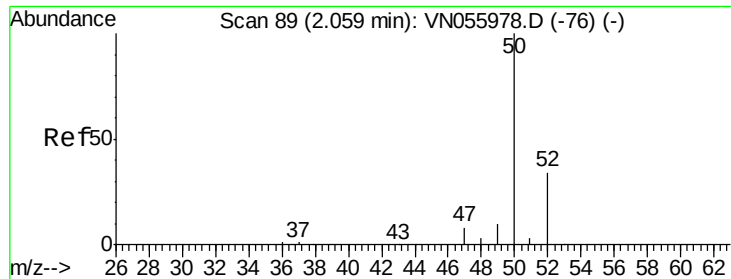
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 51.520 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

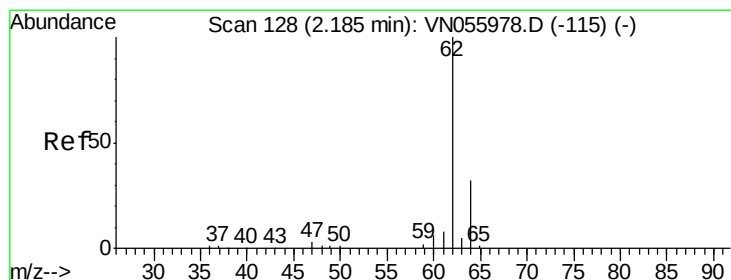
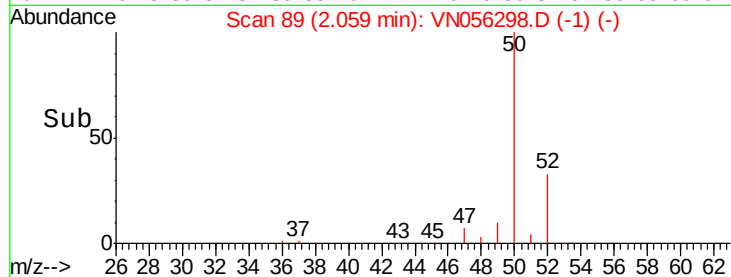
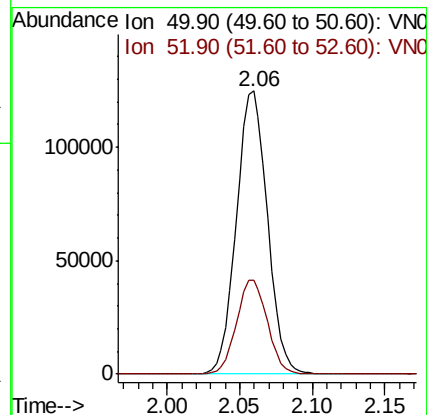
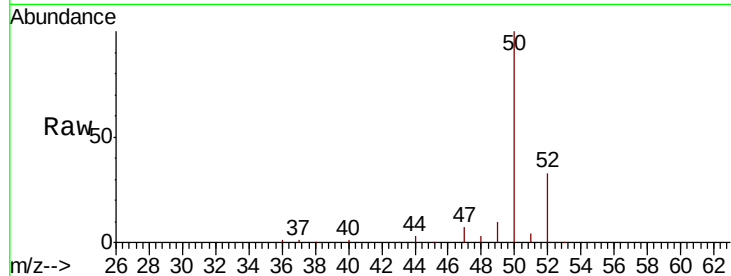
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 185187

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 51.831 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056298.D

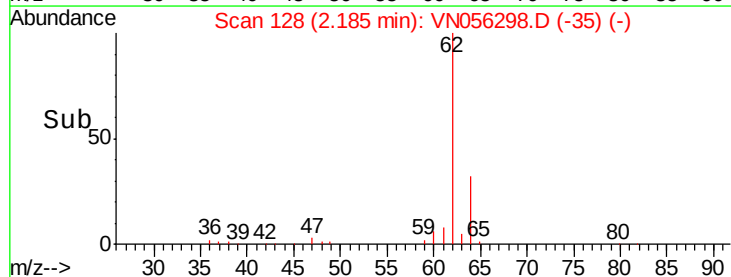
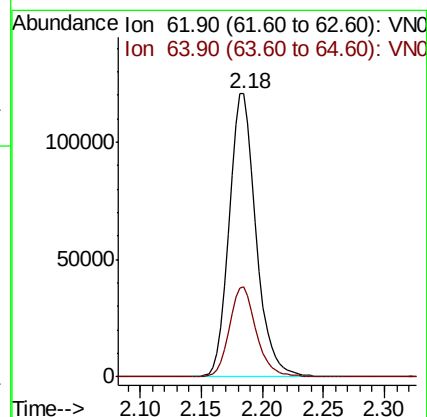
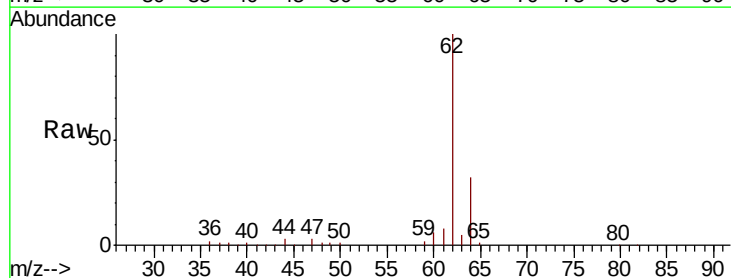
Acq: 13 Jun 2019 21:52

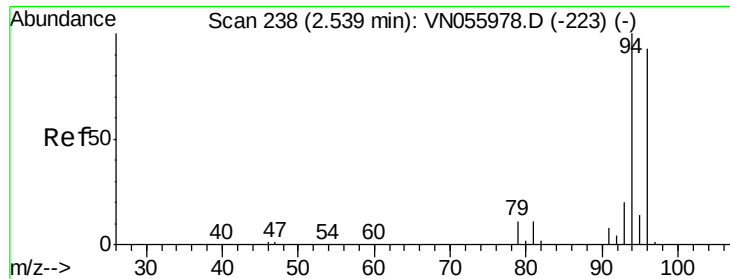
Tgt Ion: 62 Resp: 186881

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4

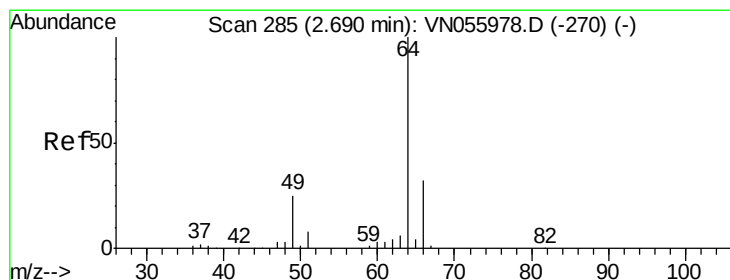
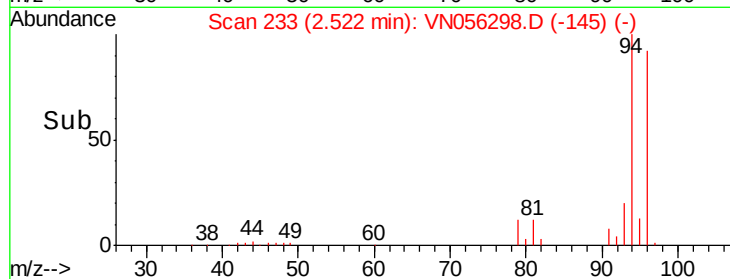
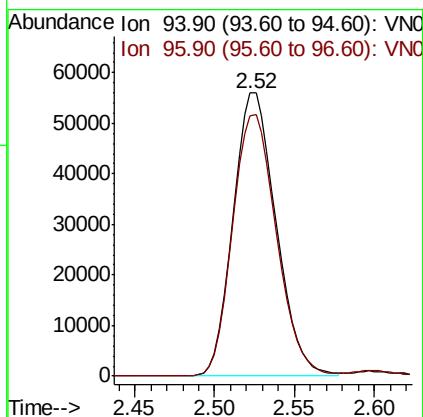
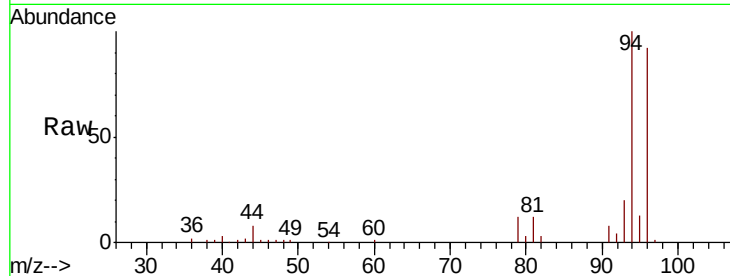




#5
Bromomethane
Concen: 45.024 ug/l
RT: 2.52 min Scan# 233
Delta R.T. -0.02 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

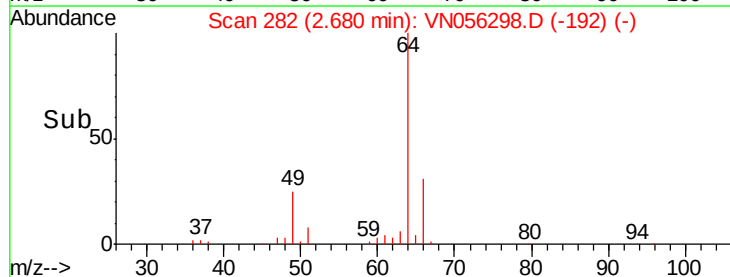
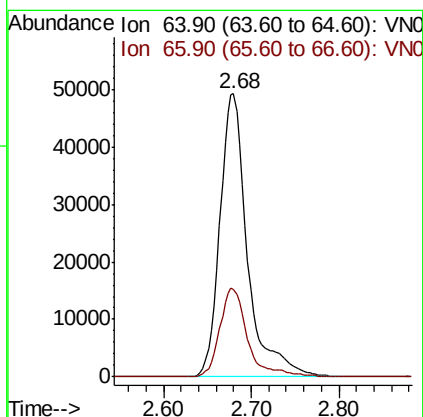
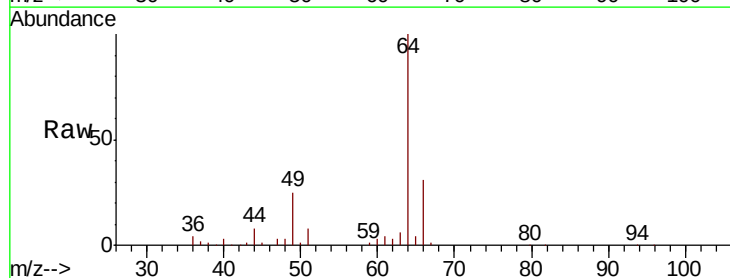
Instrument :
MSVOA_N
ClientSampled :

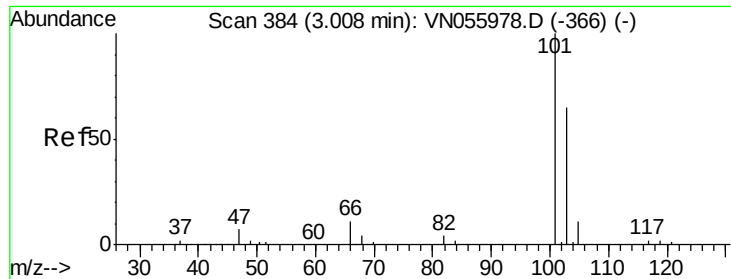
Tot Ion: 94 Resp: 102547
Ion Ratio Lower Upper
94 100
96 92.0 75.5 113.3



#6
Chloroethane
Concen: 51.587 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 64 Resp: 107842
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0



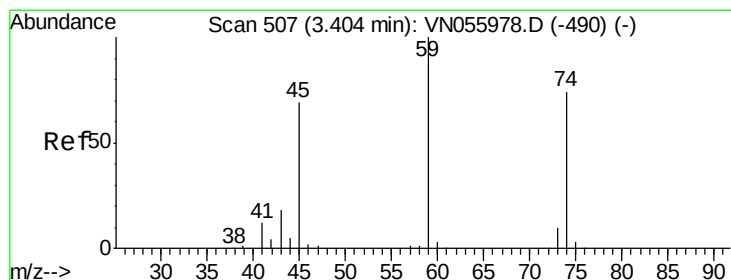
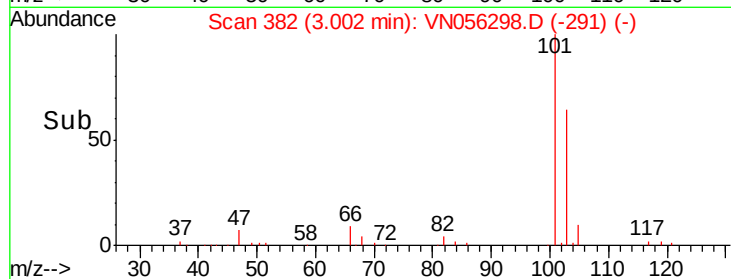
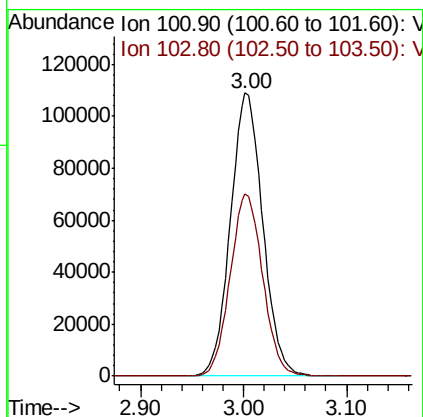
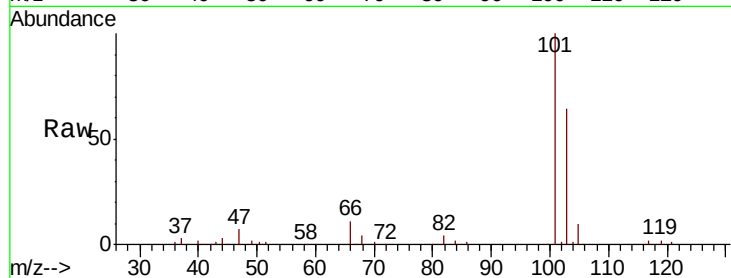


#7

Trichlorofluoromethane
Concen: 51.737 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

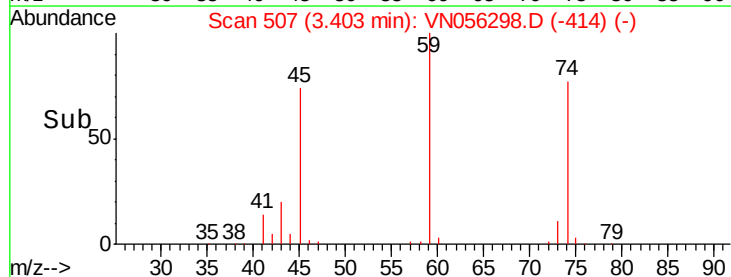
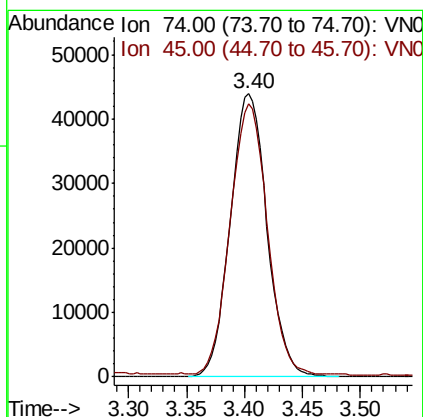
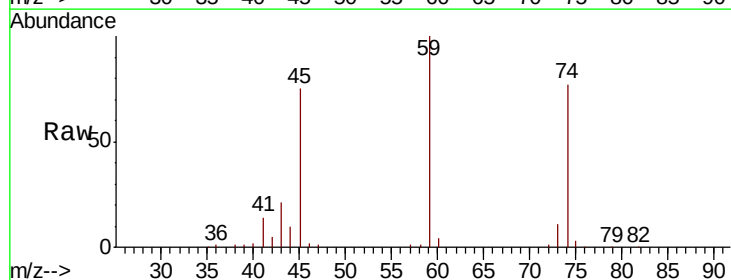
Tot Ion:101 Resp: 238142
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

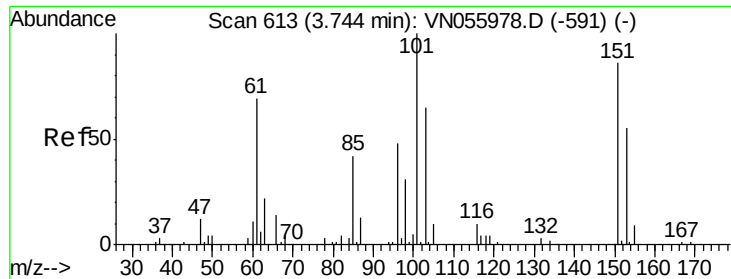


#8

Diethyl Ether
Concen: 50.837 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 74 Resp: 96228
Ion Ratio Lower Upper
74 100
45 96.1 48.6 145.9

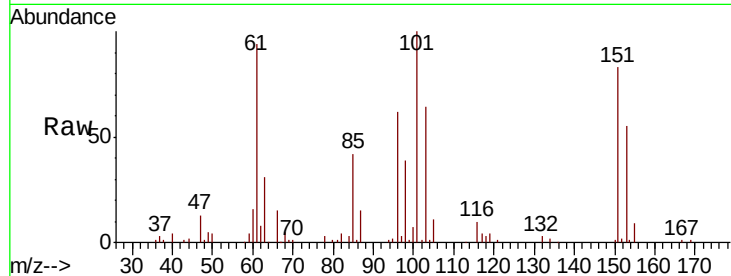




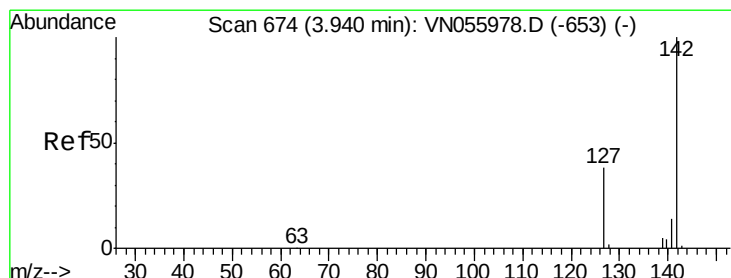
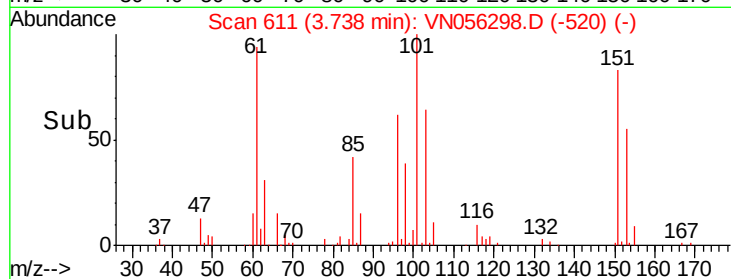
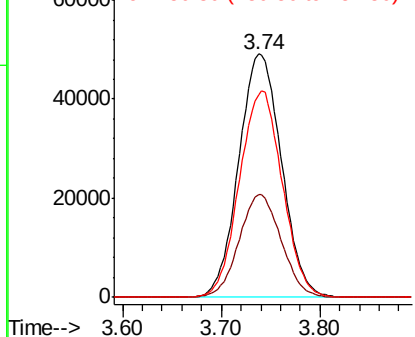
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.702 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 147358
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.4 50.2
 151 85.1 69.4 104.2

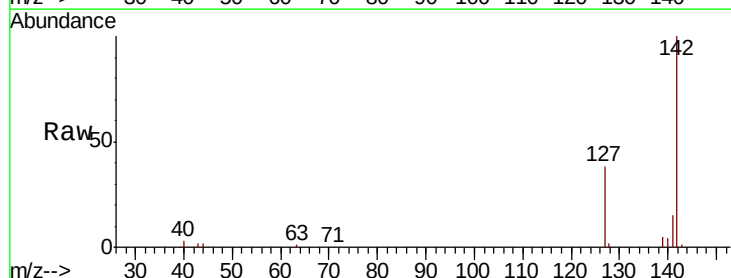


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

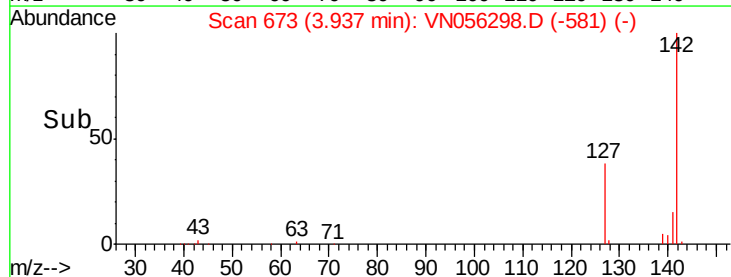
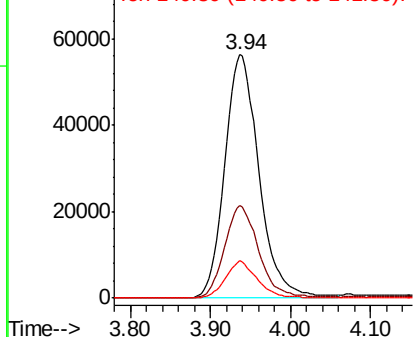


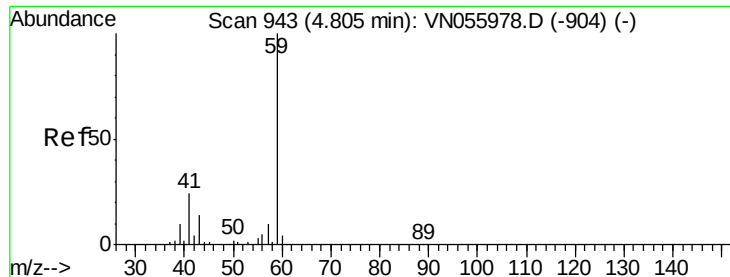
#10
 Methyl Iodide
 Concen: 37.104 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion:142 Resp: 164865
 Ion Ratio Lower Upper
 142 100
 127 37.8 31.0 46.4
 141 14.1 11.4 17.0



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



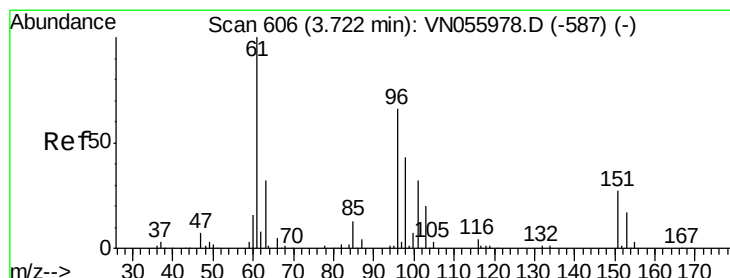
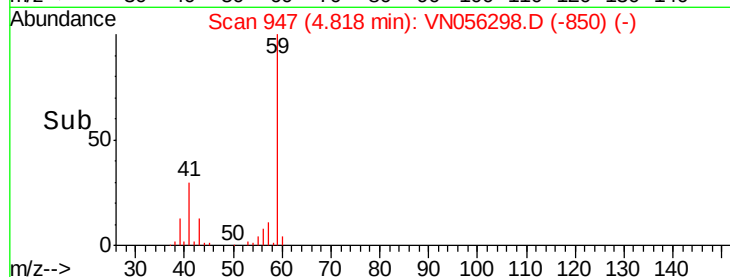
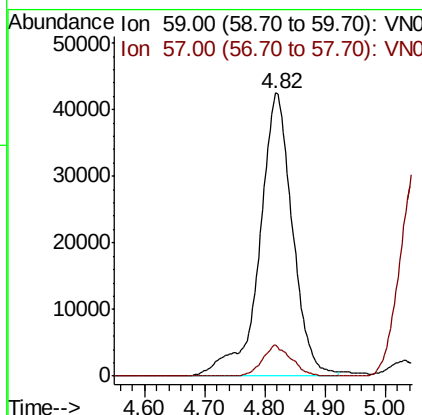
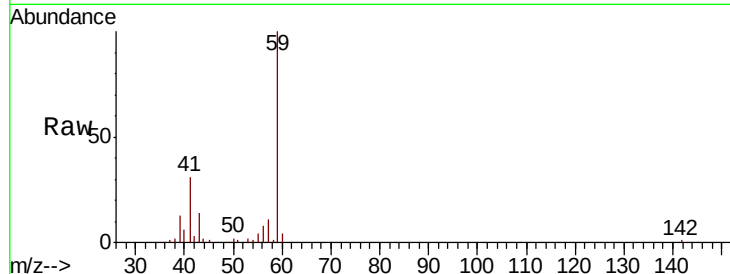


#11

Tert butyl alcohol
Concen: 282.105 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :

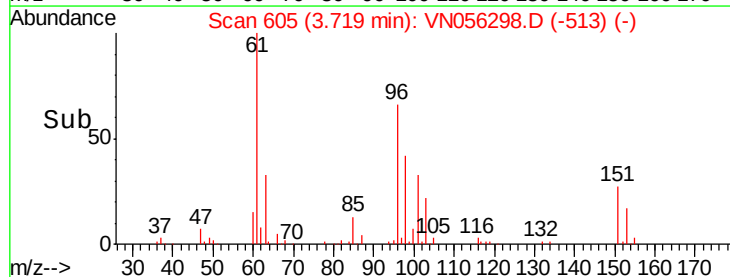
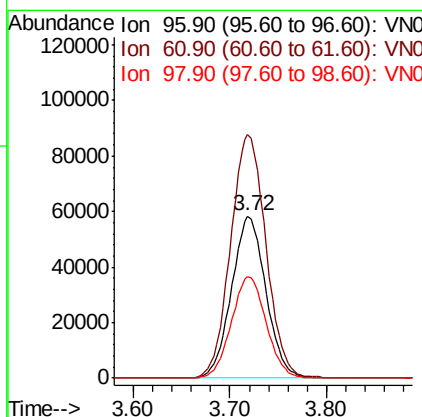
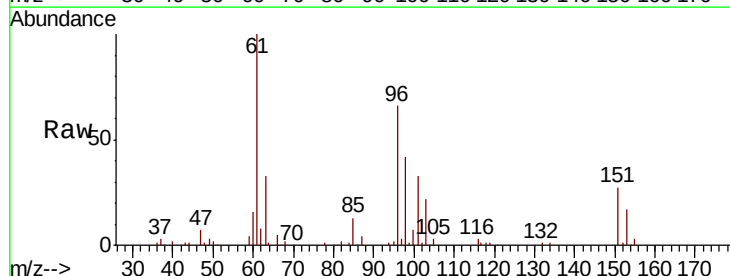
Tot Ion: 59 Resp: 161632
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.6

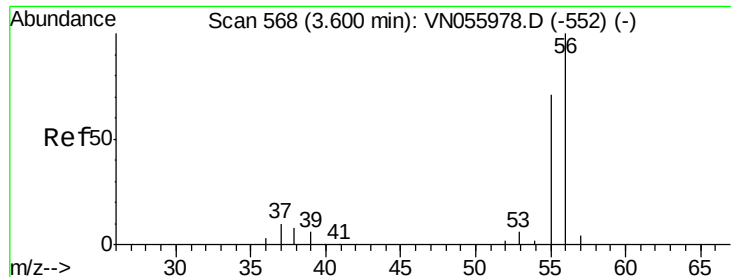


#12

1,1-Dichloroethene
Concen: 51.772 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 96 Resp: 144116
Ion Ratio Lower Upper
96 100
61 150.5 123.2 184.8
98 62.9 50.4 75.6





#13

Acrolein

Concen: 235.889 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

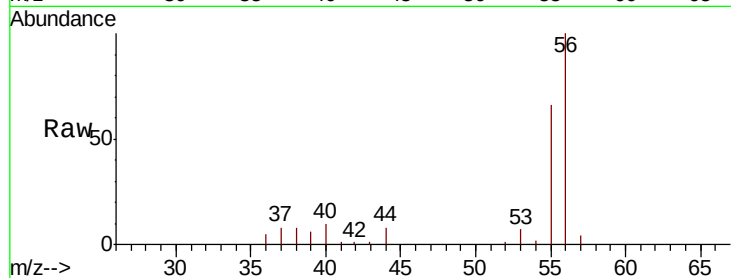
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 38979

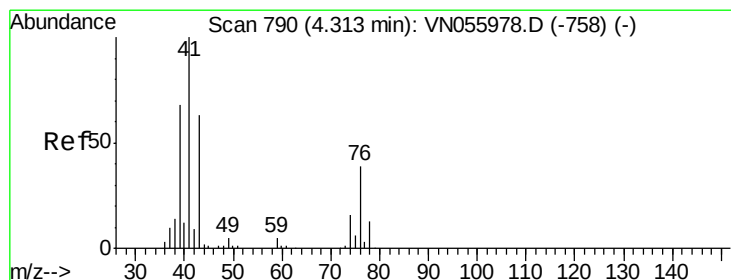
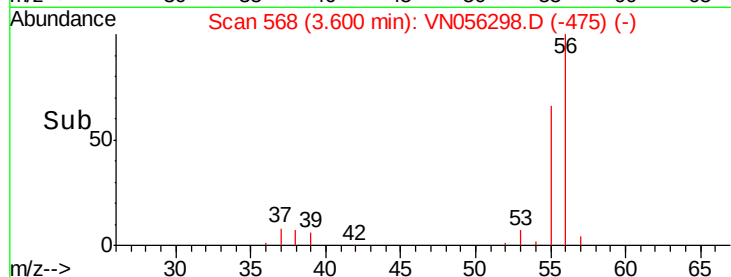
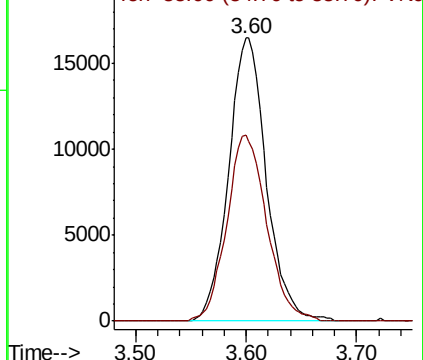
Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 54.975 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

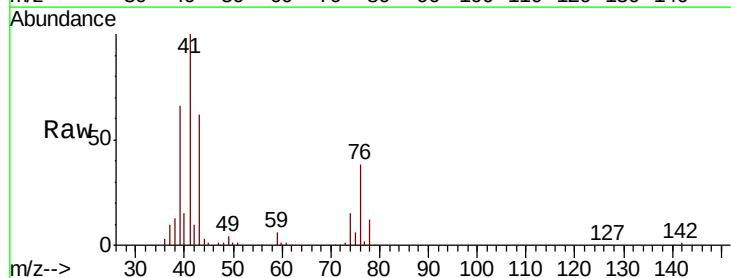
Tgt Ion: 41 Resp: 241645

Ion Ratio Lower Upper

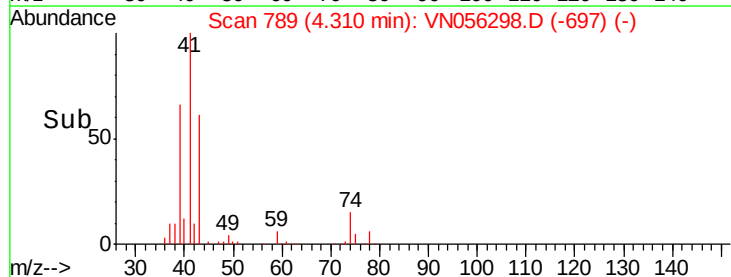
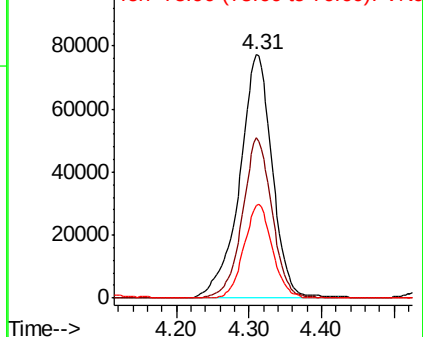
41 100

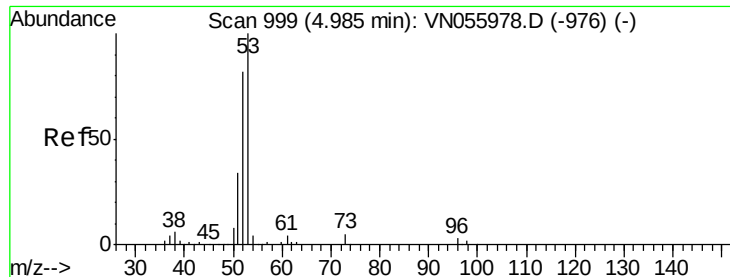
39 59.8 50.0 75.0

76 33.4 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 316.840 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

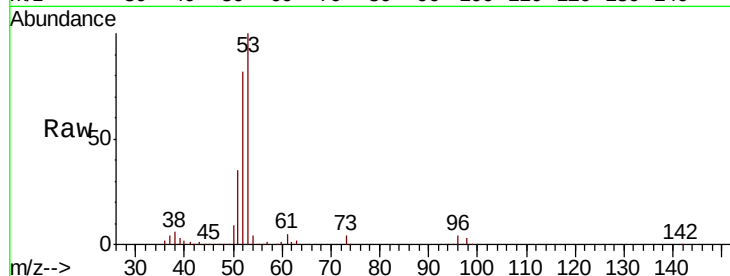
Tot Ion: 53 Resp: 441903

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

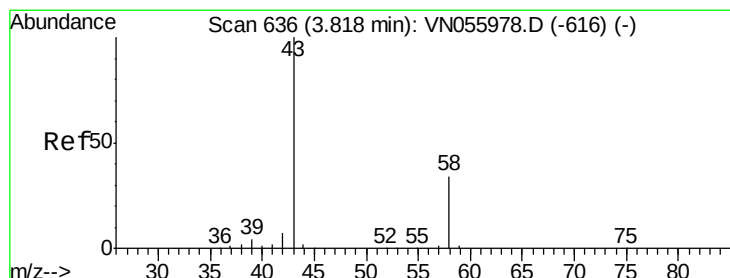
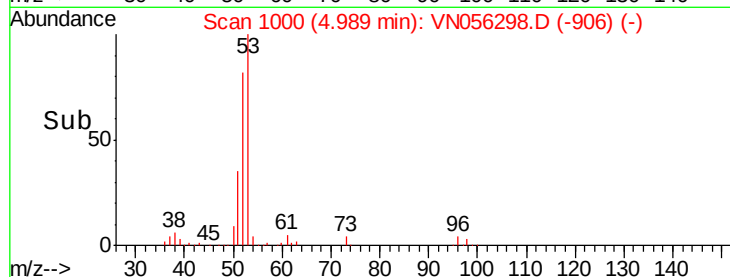
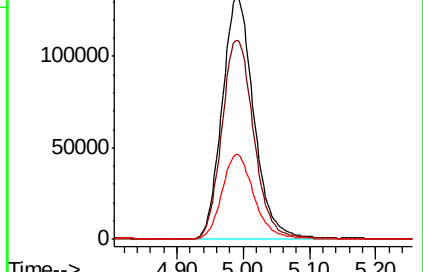
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)



#16

Acetone

Concen: 233.958 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056298.D

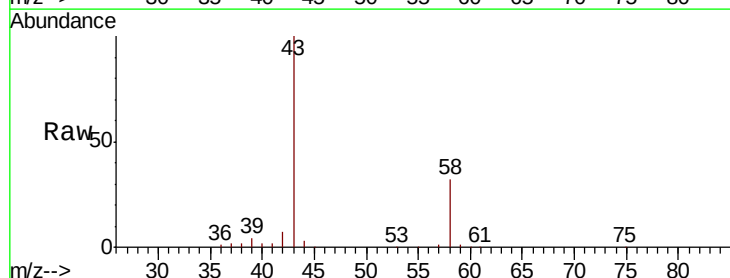
Acq: 13 Jun 2019 21:52

Tgt Ion: 43 Resp: 368402

Ion Ratio Lower Upper

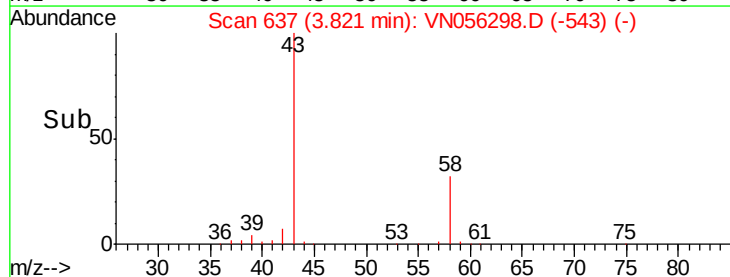
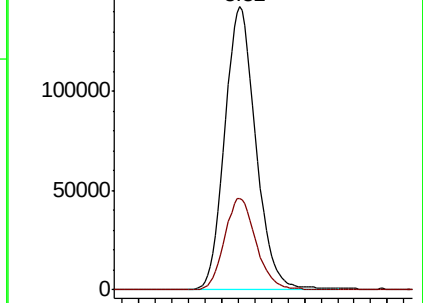
43 100

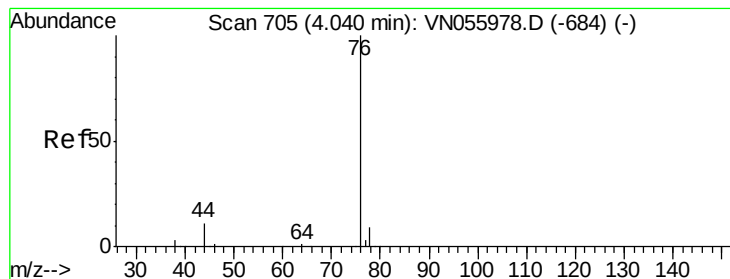
58 32.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)





#17

Carbon Disulfide

Concen: 47.039 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

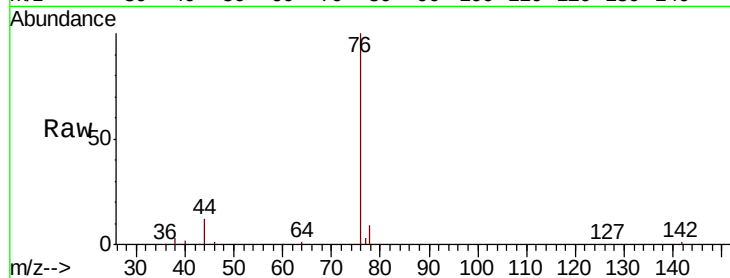
ClientSampleId :

Tot Ion: 76 Resp: 313519

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

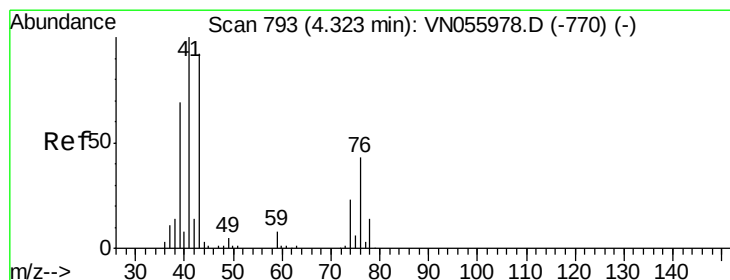
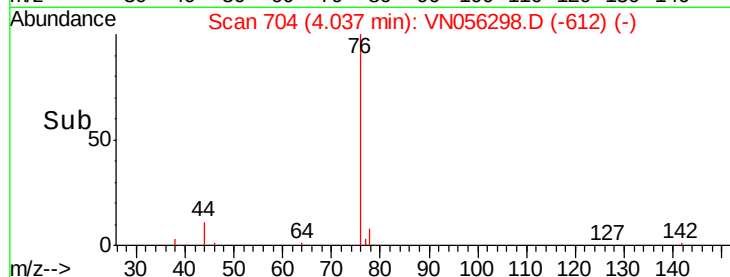
4.04

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 68.551 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056298.D

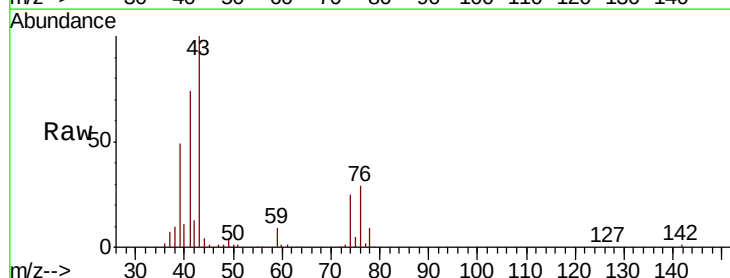
Acq: 13 Jun 2019 21:52

Tgt Ion: 43 Resp: 211369

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

80000

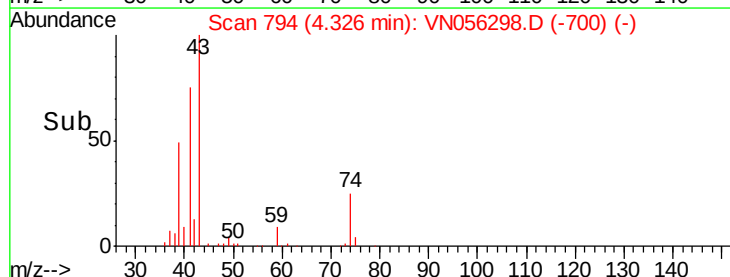
60000

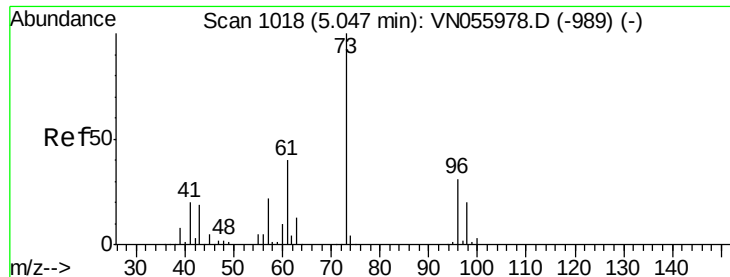
40000

20000

0

Time-->



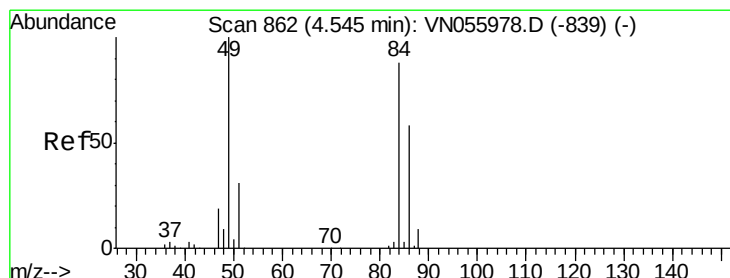
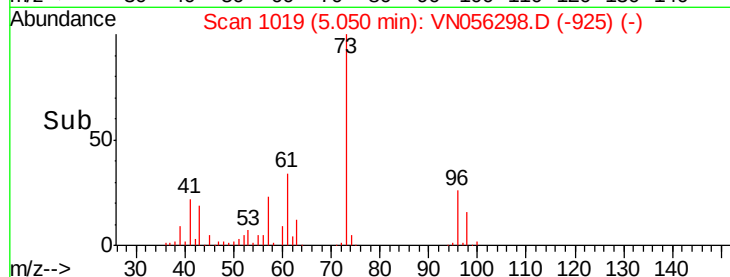
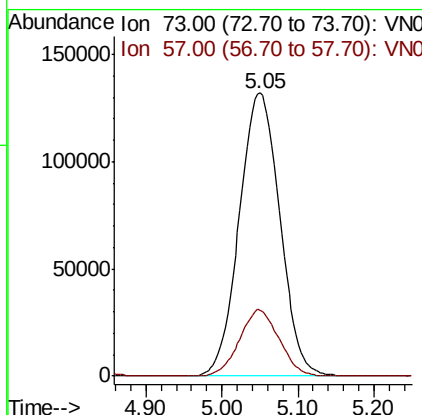
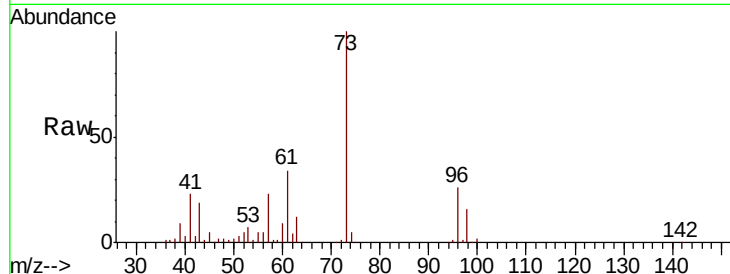


#19

Methyl tert-butyl Ether
 Concen: 55.266 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampled :

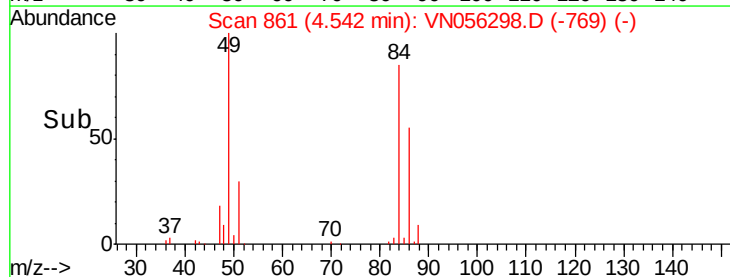
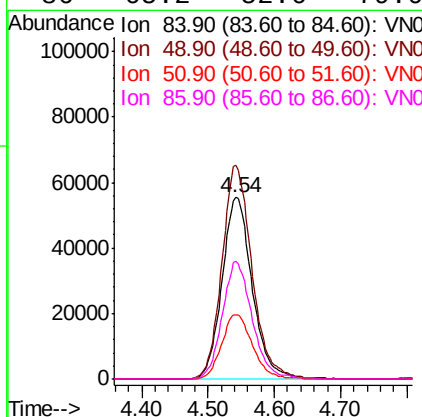
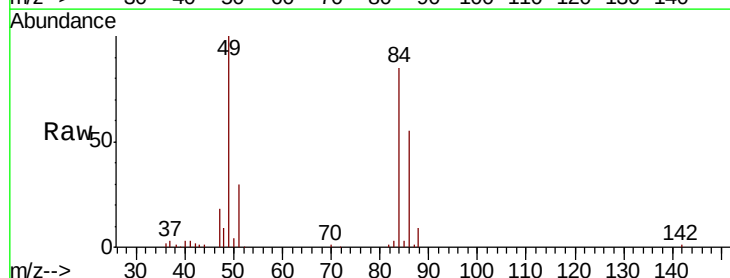
Tot Ion: 73 Resp: 490373
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.8 26.8

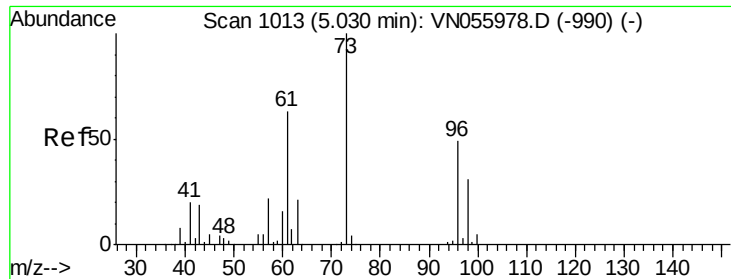


#20

Methylene Chloride
 Concen: 54.075 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 84 Resp: 175427
 Ion Ratio Lower Upper
 84 100
 49 117.8 93.5 140.3
 51 35.4 28.6 43.0
 86 65.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.140 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

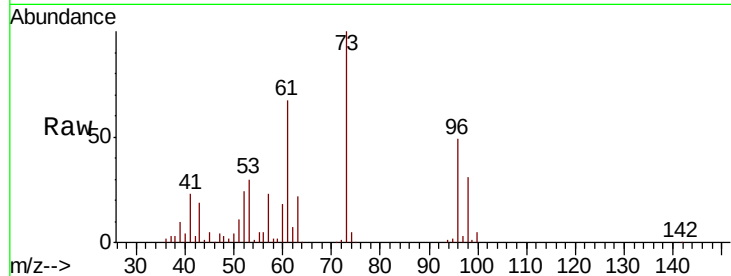
Tot Ion: 96 Resp: 152528

Ion Ratio Lower Upper

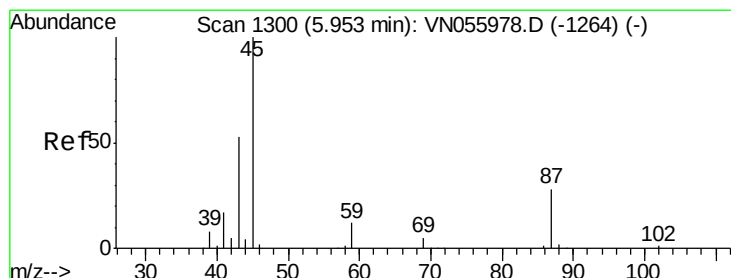
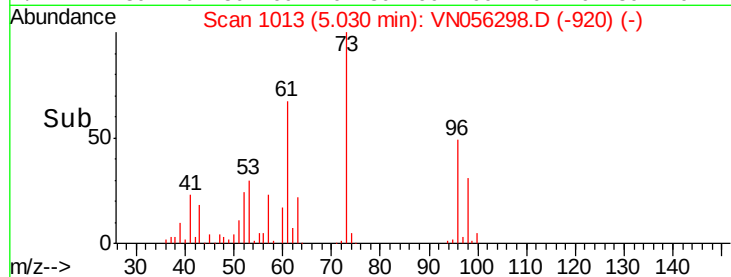
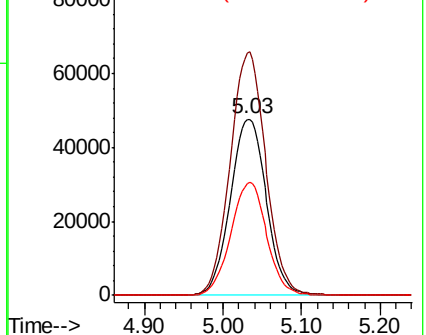
96 100

61 137.6 107.8 161.8

98 63.2 49.8 74.8



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



#22

Diisopropyl ether

Concen: 56.150 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion: 45 Resp: 510190

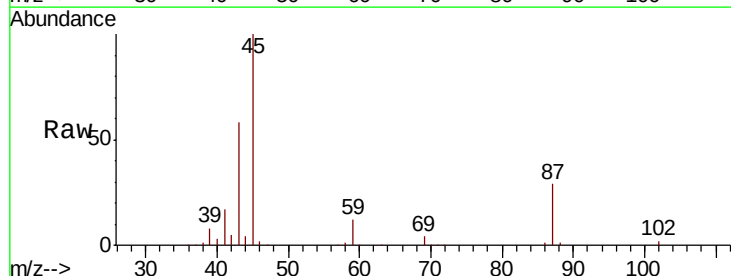
Ion Ratio Lower Upper

45 100

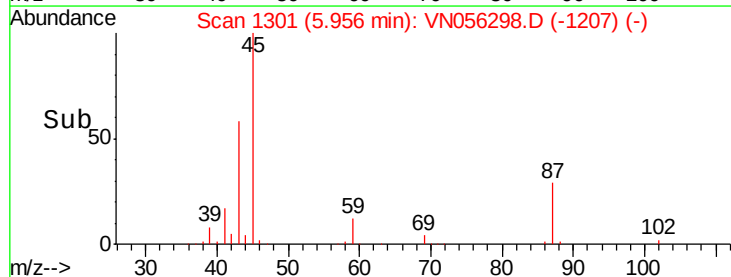
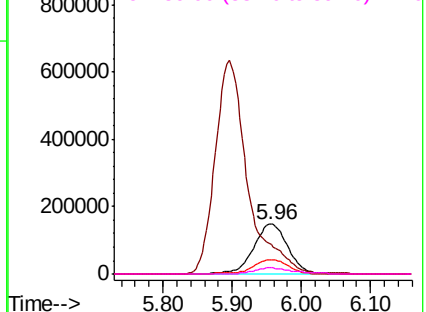
43 56.7 45.0 67.6

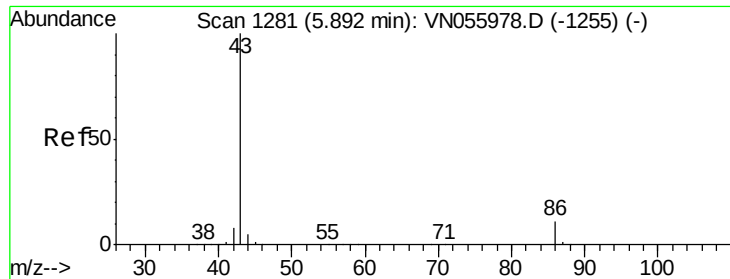
87 28.8 22.2 33.4

59 11.6 9.1 13.7



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

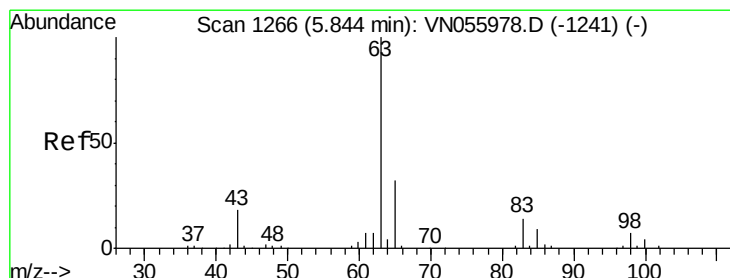
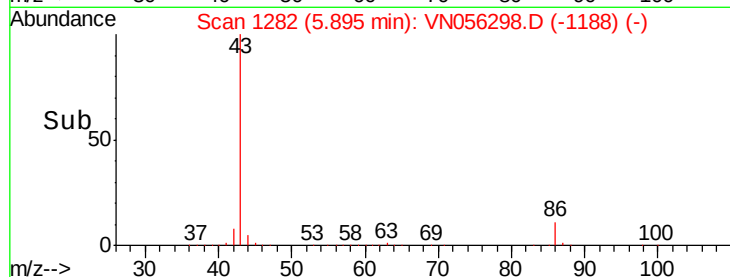
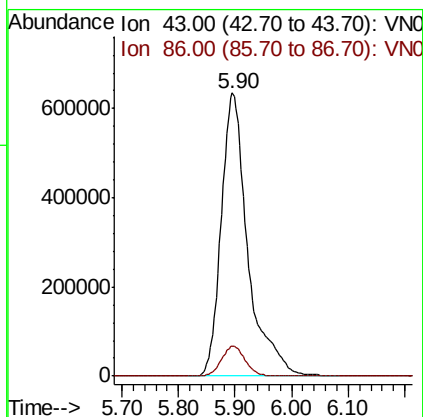
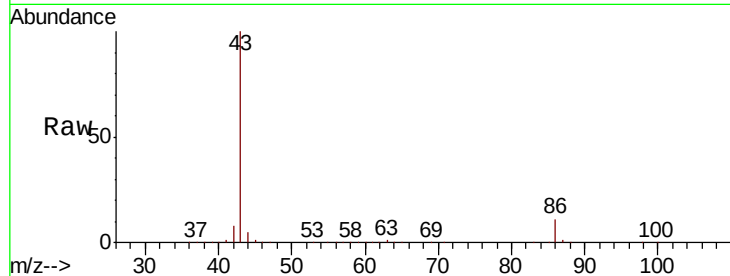




#23
 Vinyl Acetate
 Concen: 291.332 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

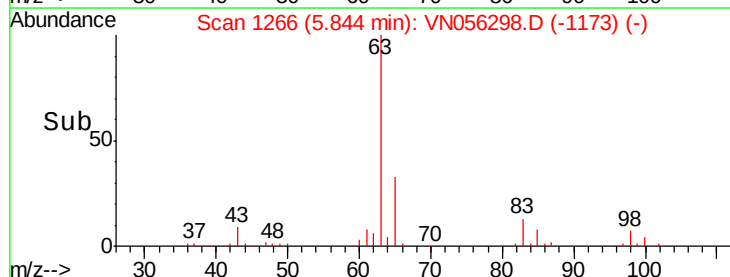
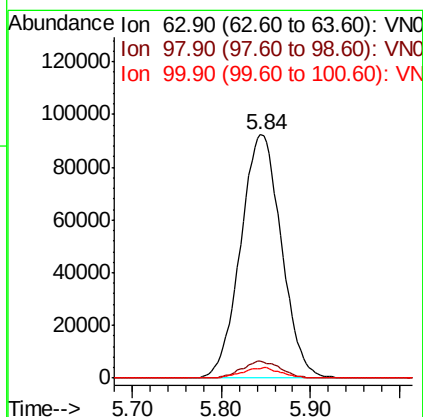
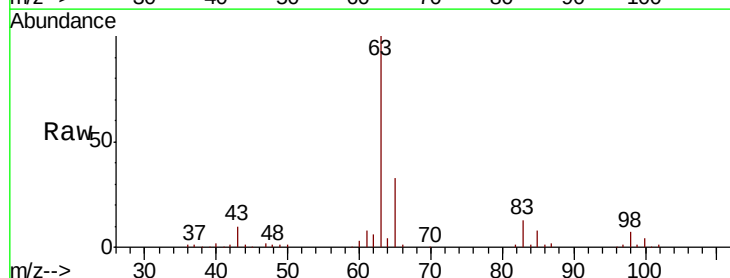
Instrument :
 MSVOA_N
 ClientSampled :

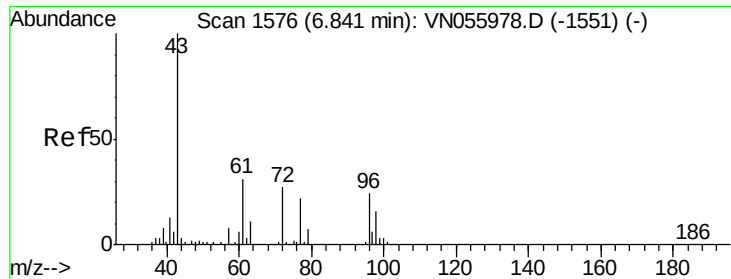
Tot Ion: 43 Resp: 2084590
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 56.032 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 63 Resp: 293679
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.1 2.2 6.6

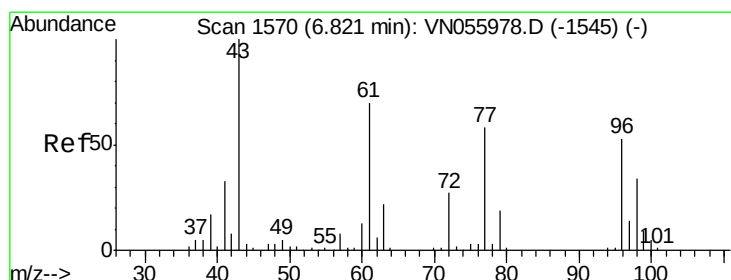
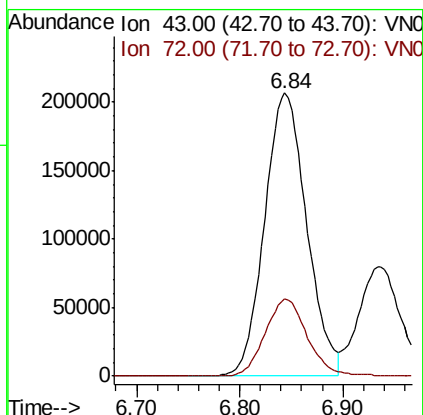
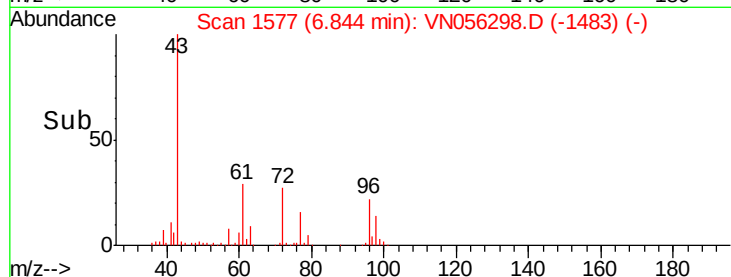
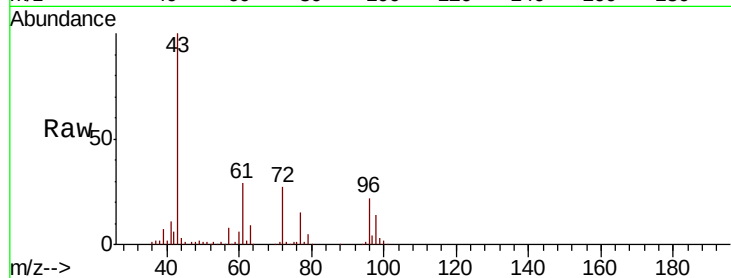




#25
2-Butanone
Concen: 293.530 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

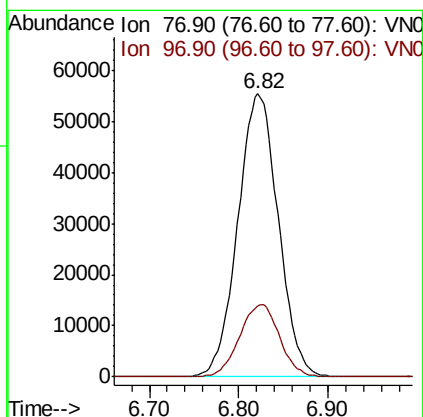
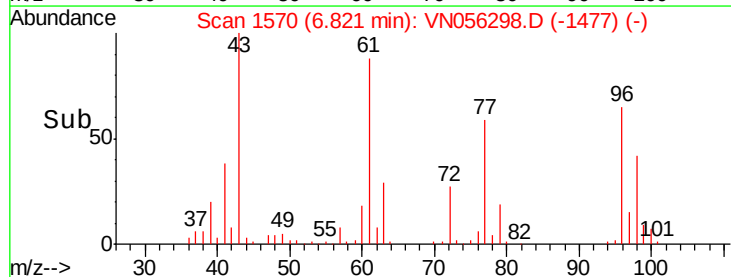
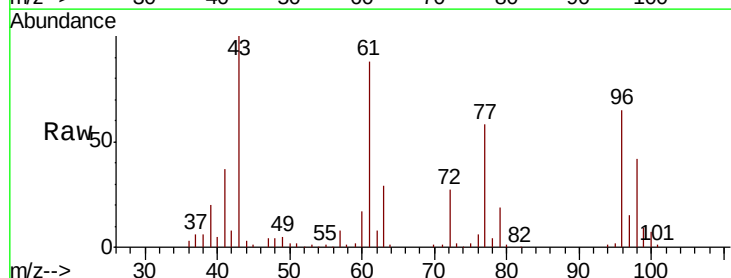
Instrument :
MSVOA_N
ClientSampleId :

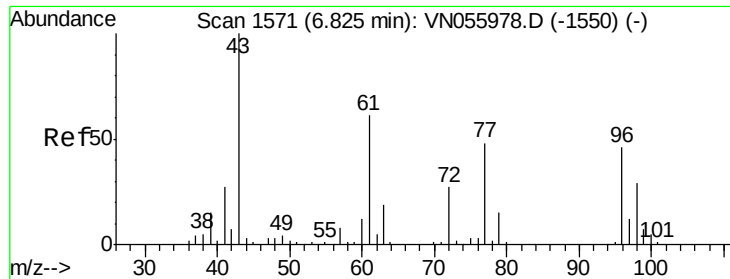
Tot Ion: 43 Resp: 583985
Ion Ratio Lower Upper
43 100
72 27.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 42.763 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 77 Resp: 174892
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 53.331 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

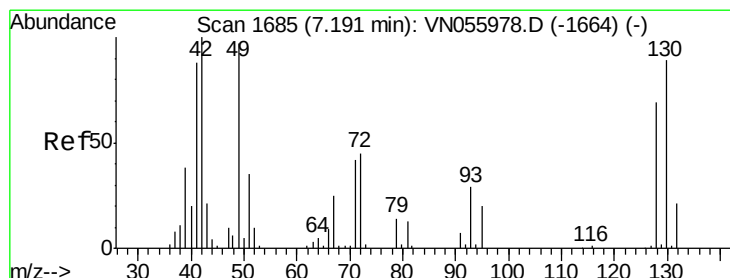
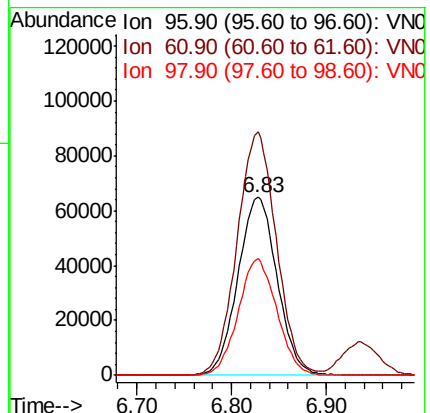
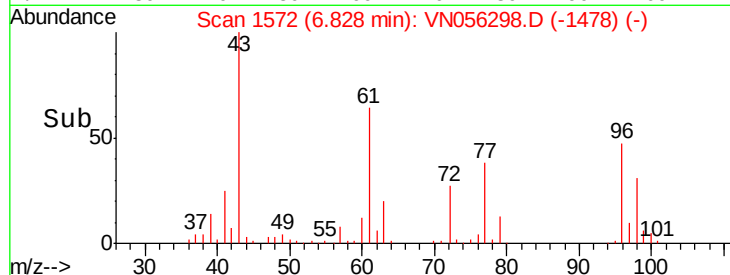
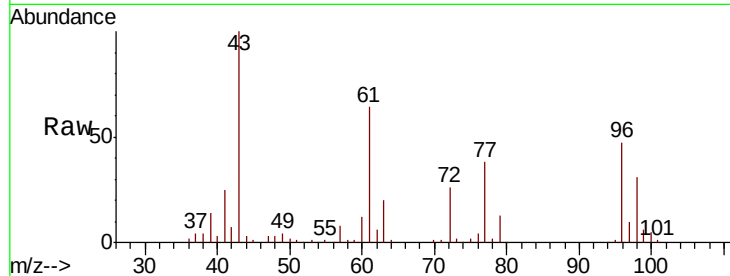
Tot Ion: 96 Resp: 186975

Ion Ratio Lower Upper

96 100

61 136.9 0.0 275.8

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 58.034 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

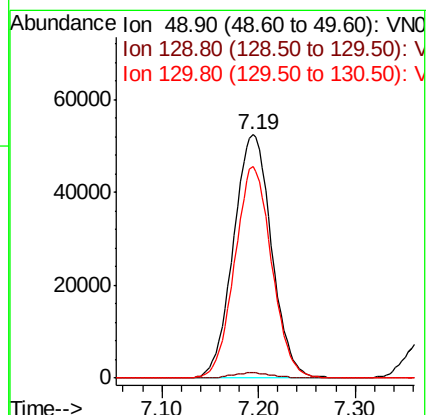
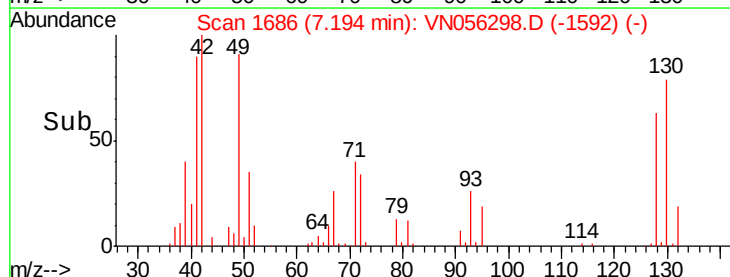
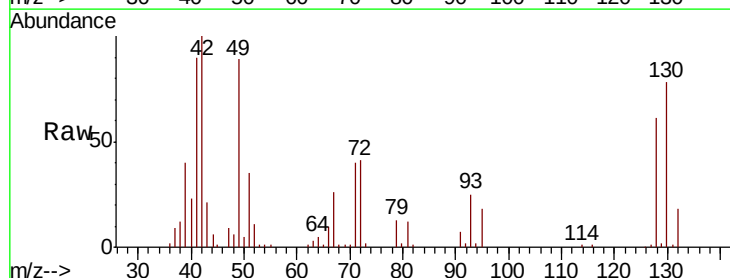
Tgt Ion: 49 Resp: 143843

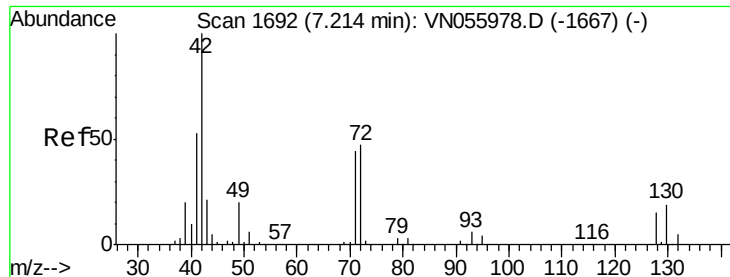
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 84.1 71.2 106.8

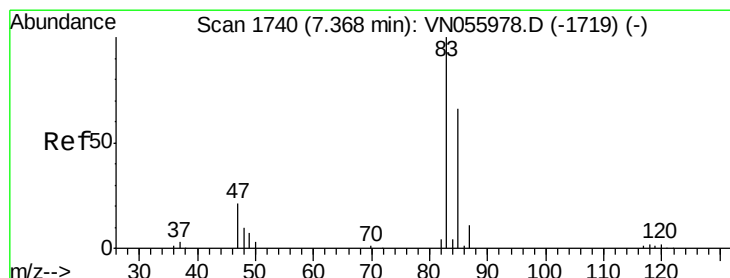
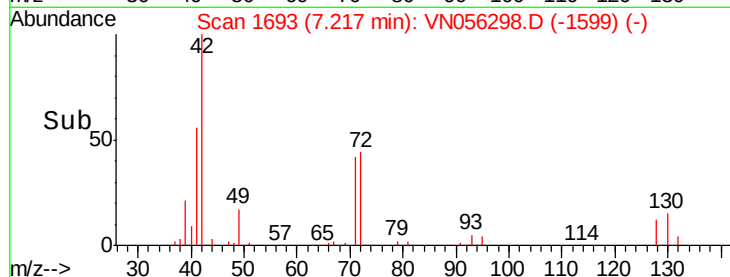
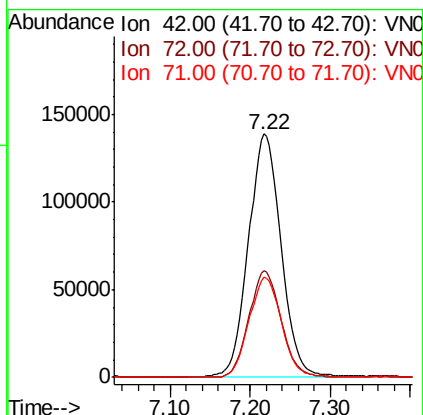
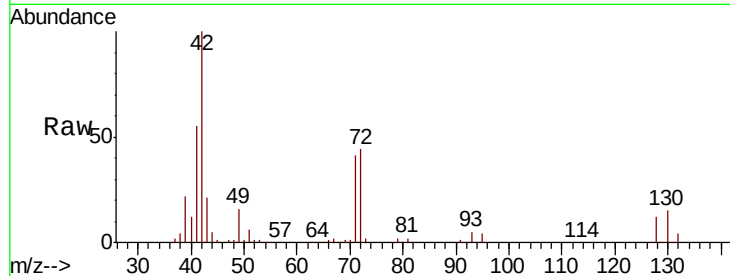




#29
Tetrahydrofuran
Concen: 315.577 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

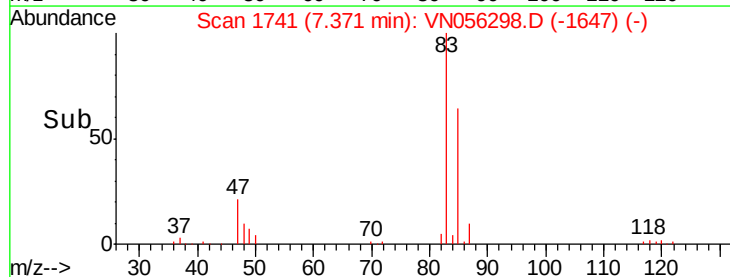
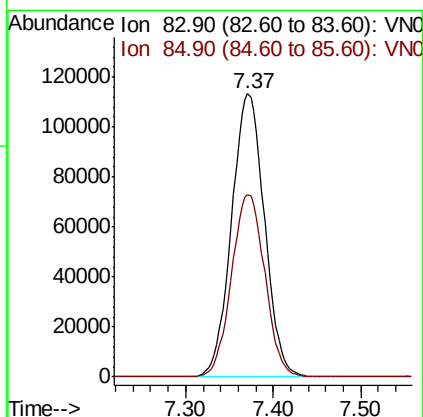
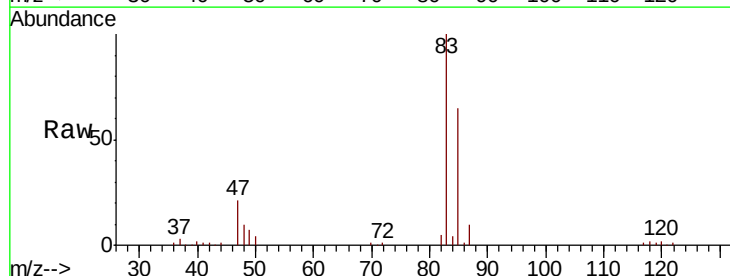
Instrument :
MSVOA_N
ClientSampled :

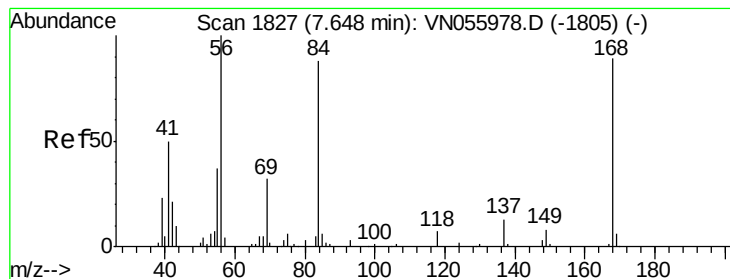
Tot Ion: 42 Resp: 388098
Ion Ratio Lower Upper
42 100
72 43.0 35.9 53.9
71 40.9 34.0 51.0



#30
Chloroform
Concen: 56.130 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 83 Resp: 295947
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8





#31

Cyclohexane

Concen: 47.975 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

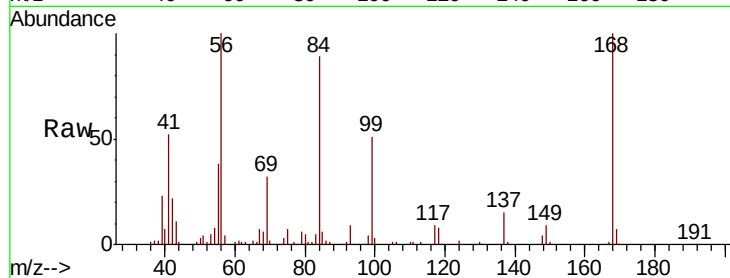
Tot Ion: 56 Resp: 250639

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

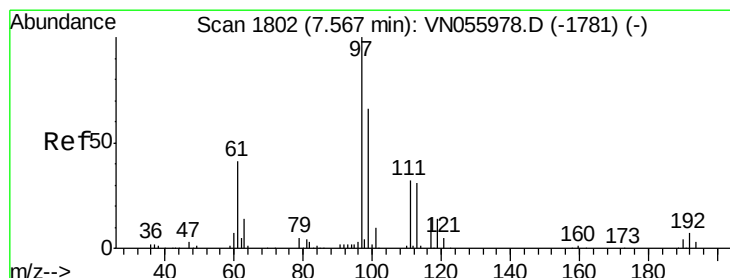
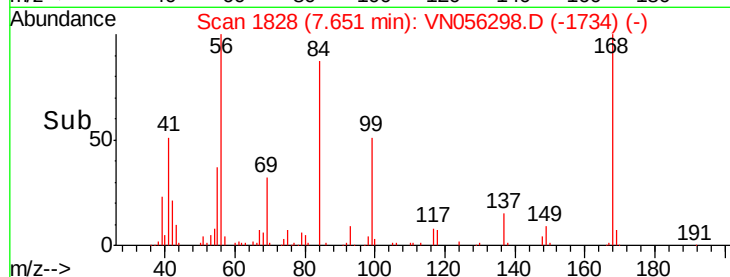
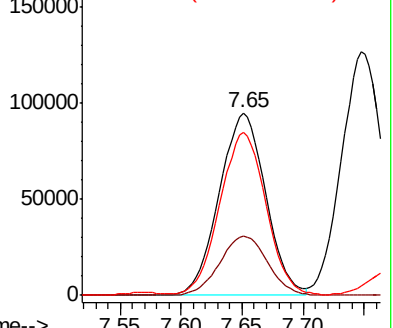
84 87.9 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN055978.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 54.509 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

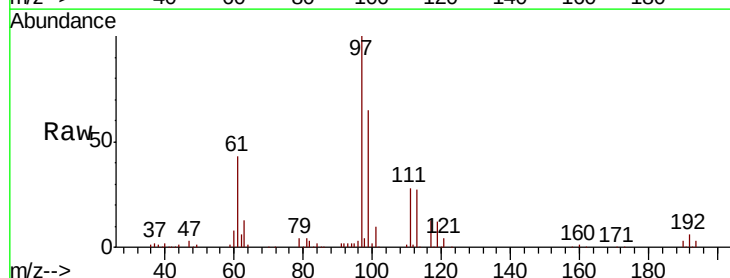
Tgt Ion: 97 Resp: 239996

Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

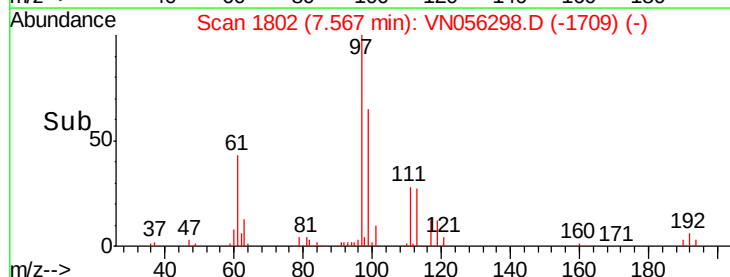
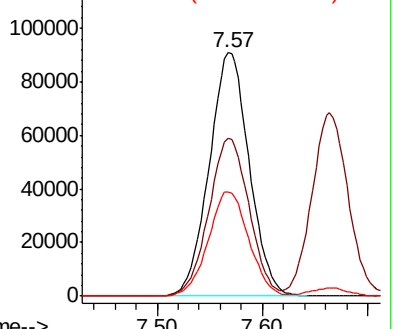
61 43.3 32.9 49.3

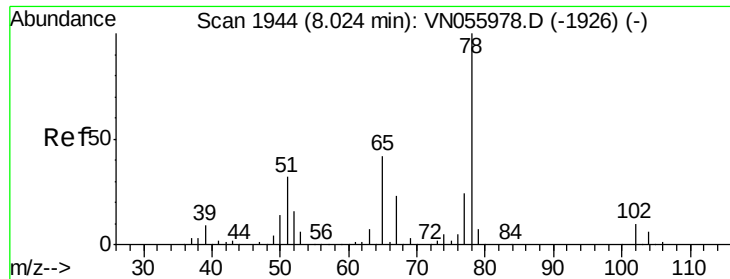


Abundance Ion 96.90 (96.60 to 97.60): VN055978.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1781) (-)

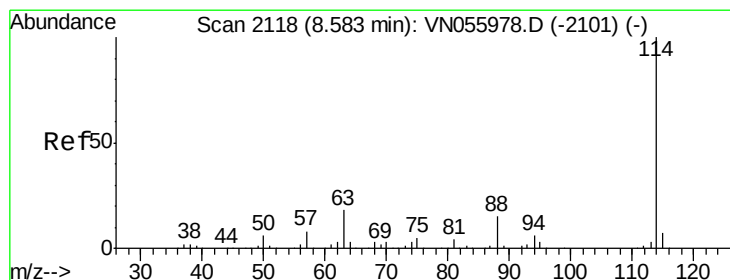
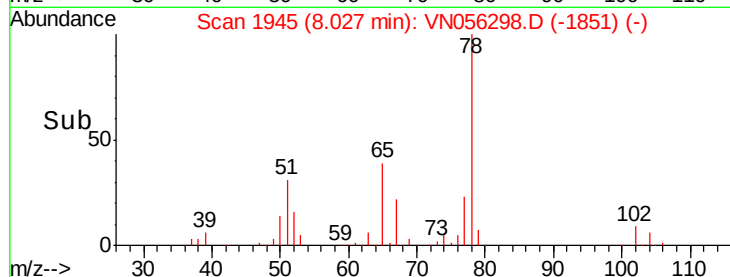
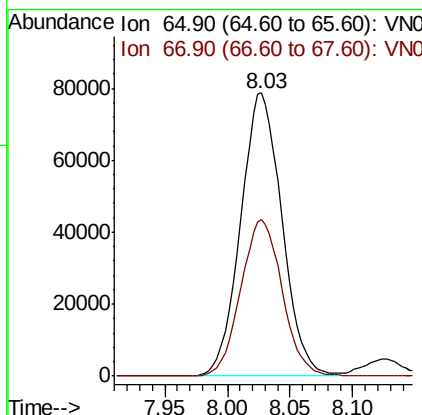
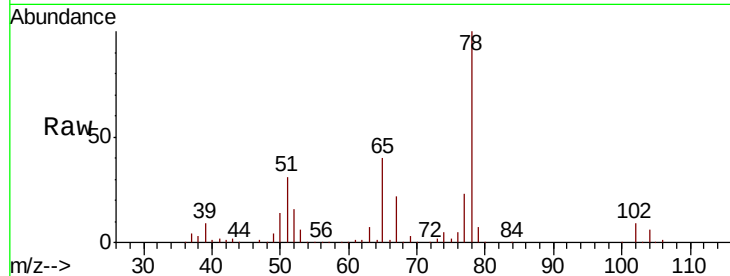




#33
 1,2-Dichloroethane-d4
 Concen: 54.805 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

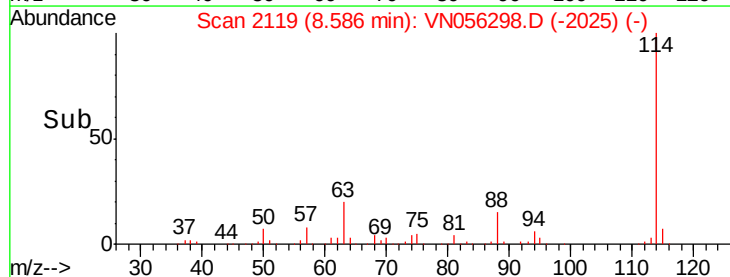
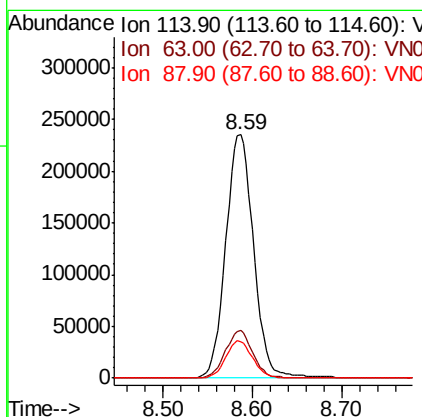
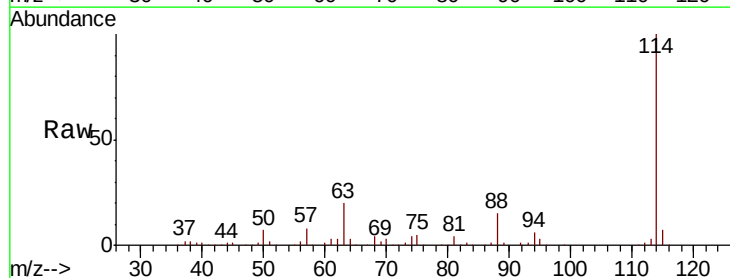
Instrument :
 MSVOA_N
 ClientSampled :

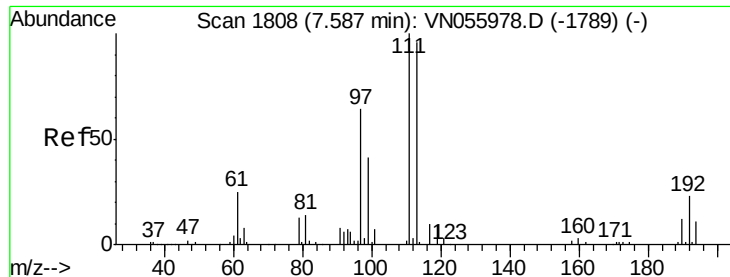
Tot Ion: 65 Resp: 180441
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 114 Resp: 509958
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.1 0.0 31.0

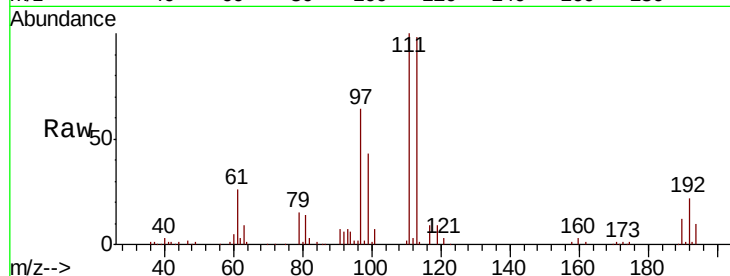




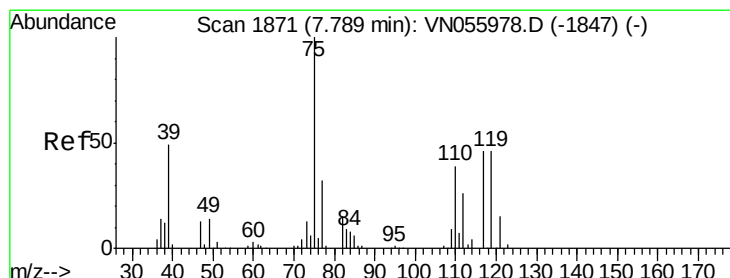
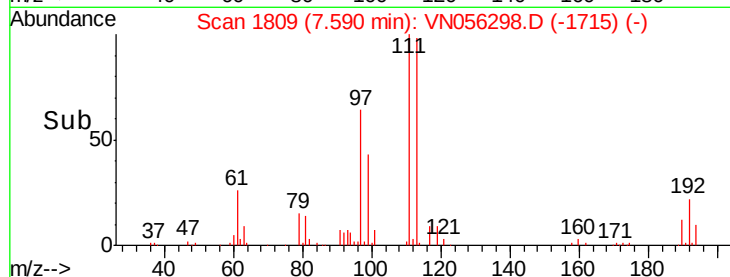
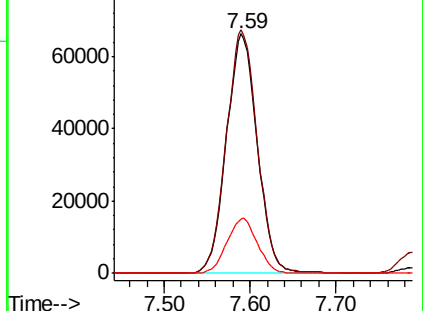
#35
 Dibromofluoromethane
 Concen: 52.722 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 164956
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 22.6 19.5 29.3

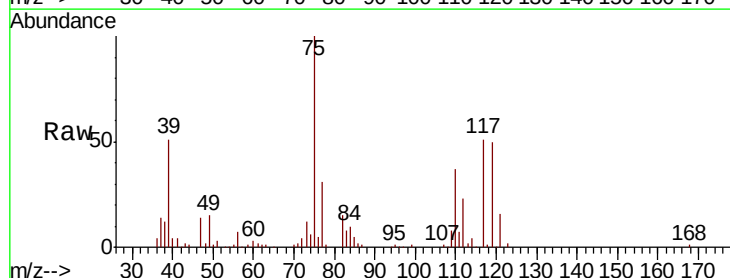


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

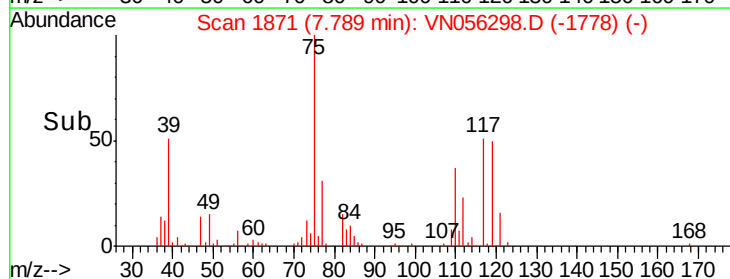
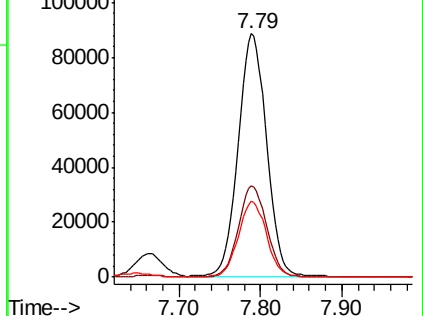


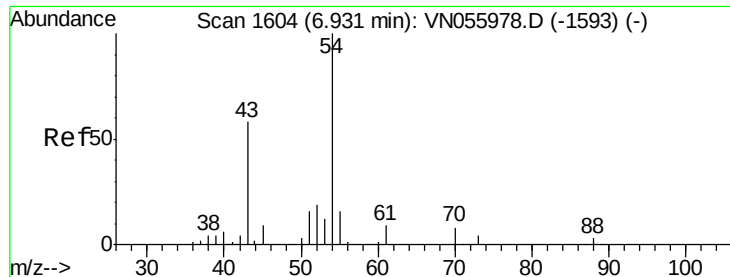
#36
 1,1-Dichloropropene
 Concen: 48.548 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 75 Resp: 212880
 Ion Ratio Lower Upper
 75 100
 110 37.4 19.0 57.0
 77 31.0 25.1 37.7



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

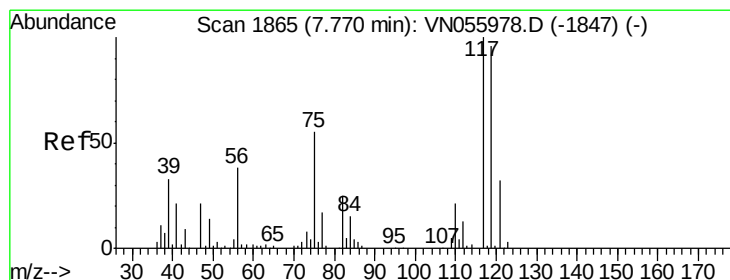
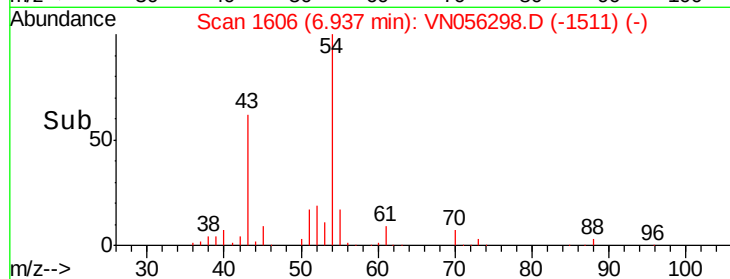
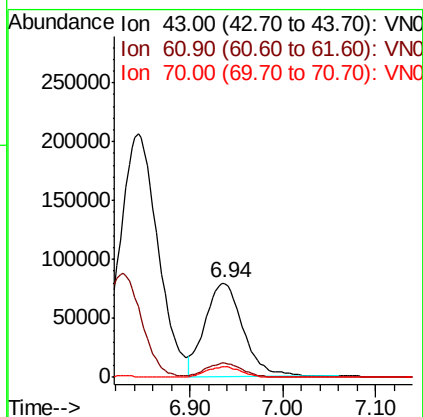
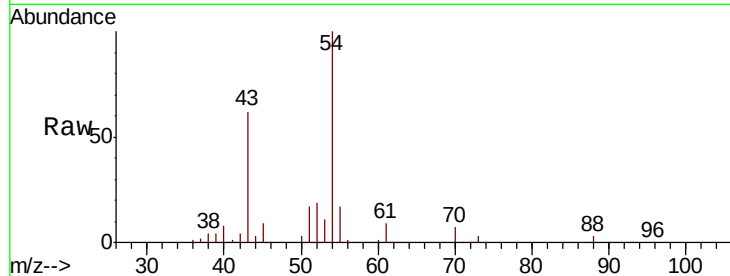




#37
Ethyl Acetate
Concen: 58.031 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

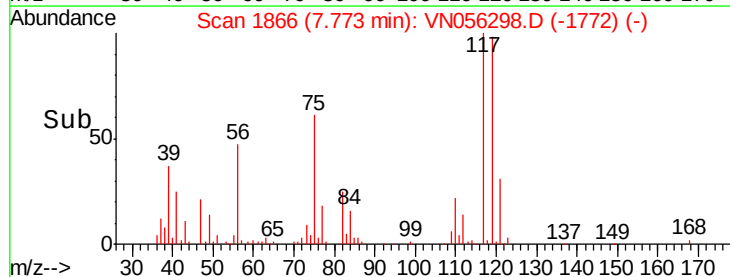
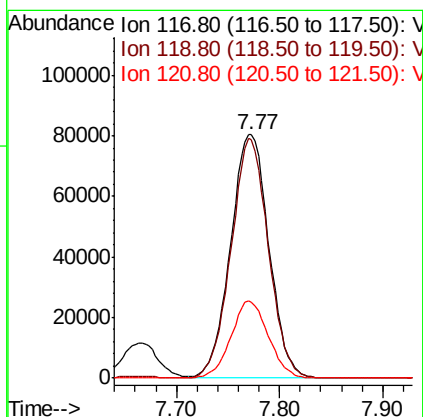
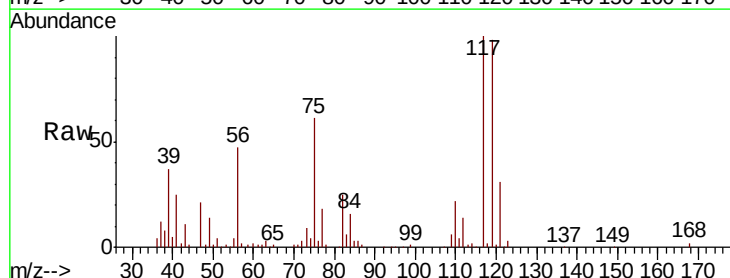
Instrument :
MSVOA_N
ClientSampled :

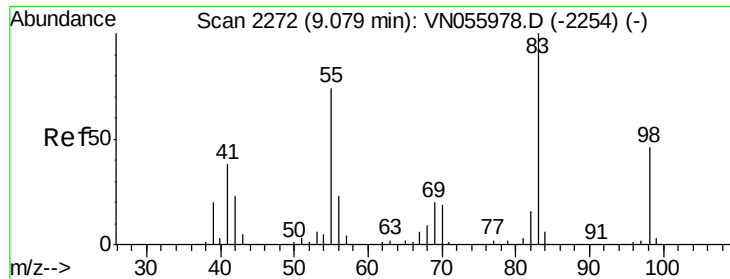
Tot Ion: 43 Resp: 226411
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 10.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.166 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 117 Resp: 206848
Ion Ratio Lower Upper
117 100
119 98.4 79.0 118.6
121 31.3 24.7 37.1

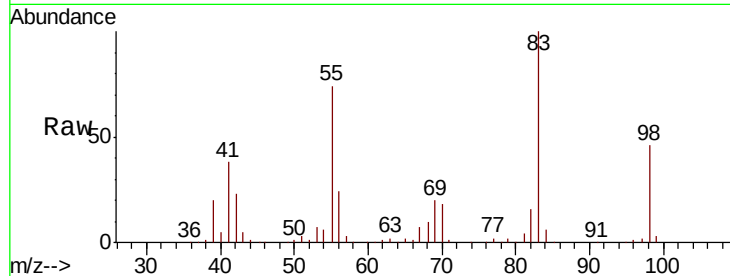




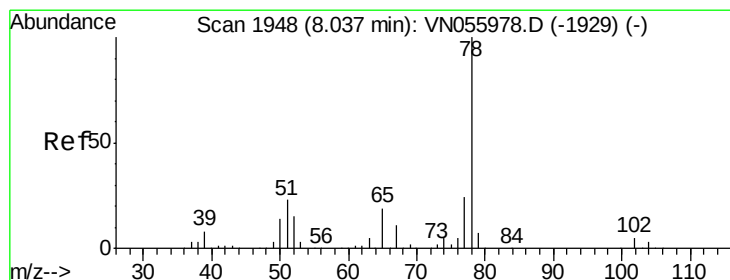
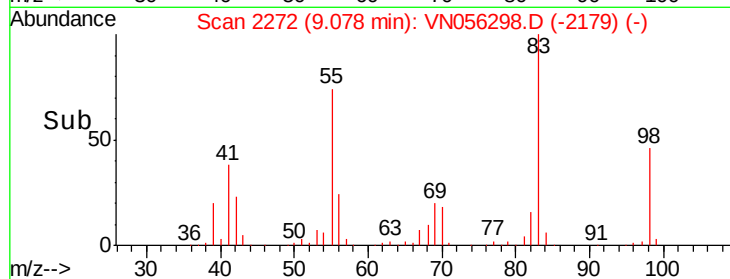
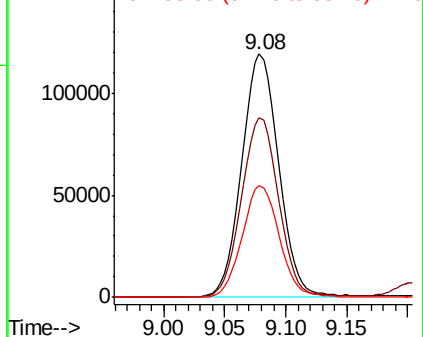
#39
Methylvlcyclohexane
Concen: 45.732 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 249806
Ion Ratio Lower Upper
83 100
55 73.7 59.3 88.9
98 46.2 36.6 54.8

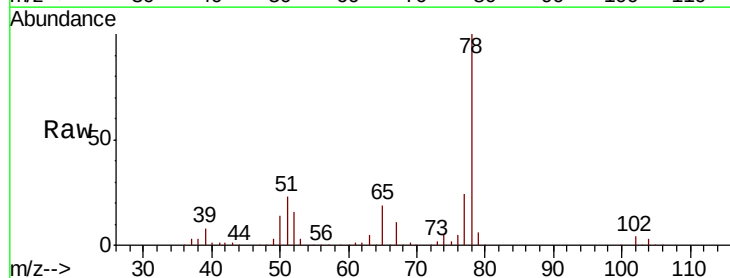


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

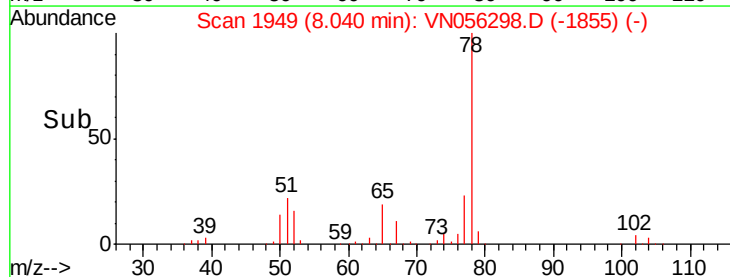
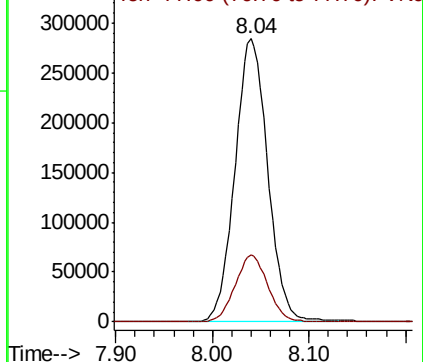


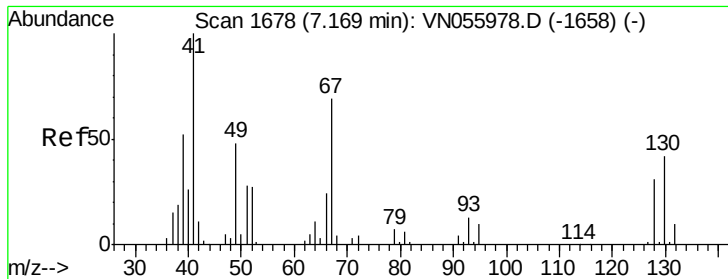
#40
Benzene
Concen: 50.366 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 78 Resp: 670781
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

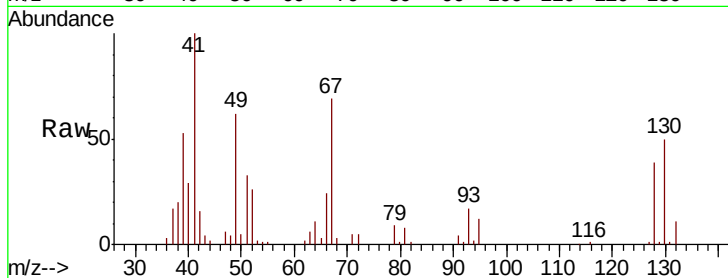




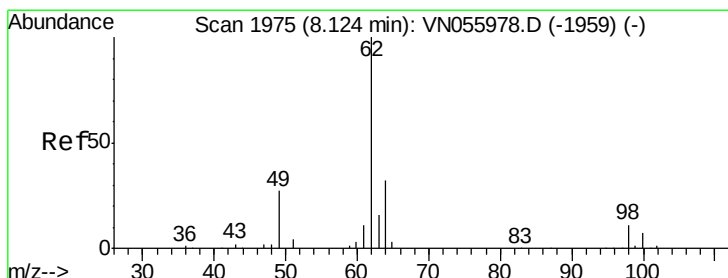
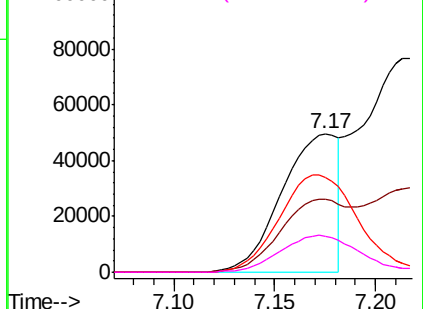
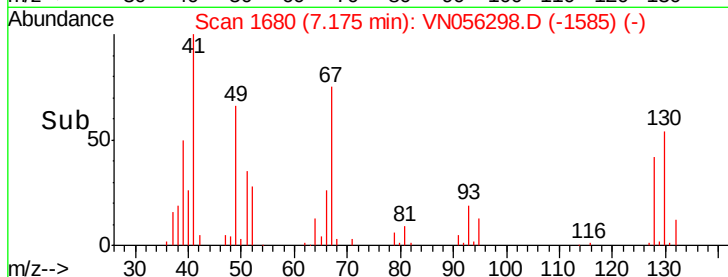
#41
Methacrylonitrile
Concen: 53.272 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 95628
Ion Ratio Lower Upper
41 100
39 62.7 45.6 68.4
67 99.4 67.7 101.5
52 38.5 26.6 40.0

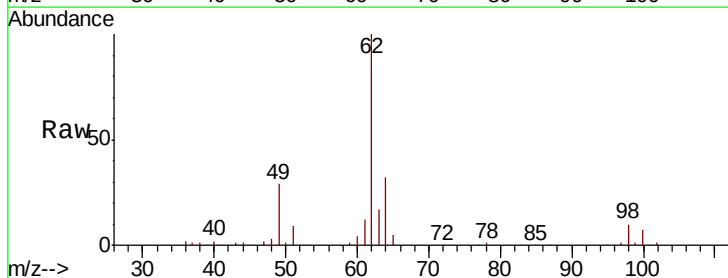


Abundance Ion 41.00 (40.70 to 41.70): VNC
120000
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

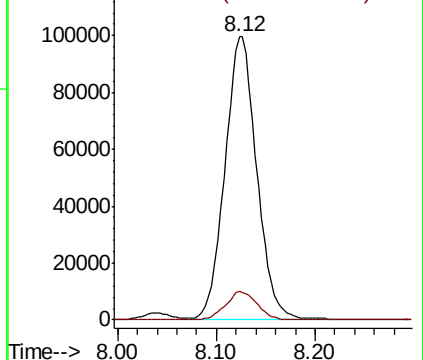
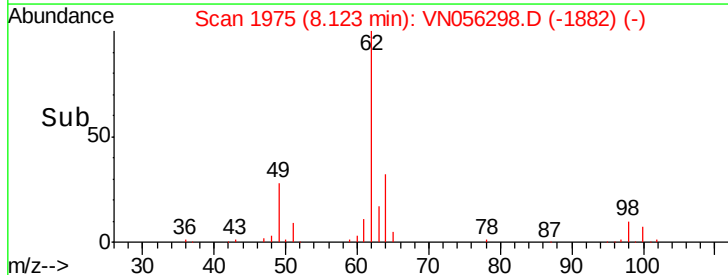


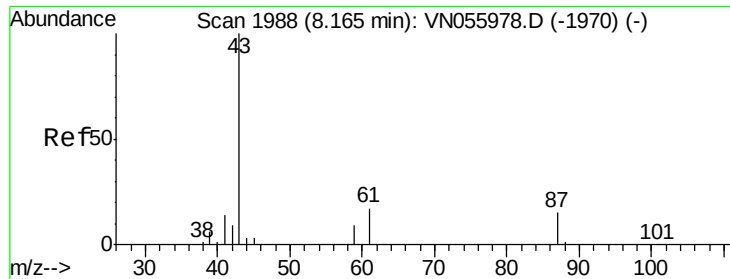
#42
1,2-Dichloroethane
Concen: 52.133 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 62 Resp: 223334
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
100000
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 55.489 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

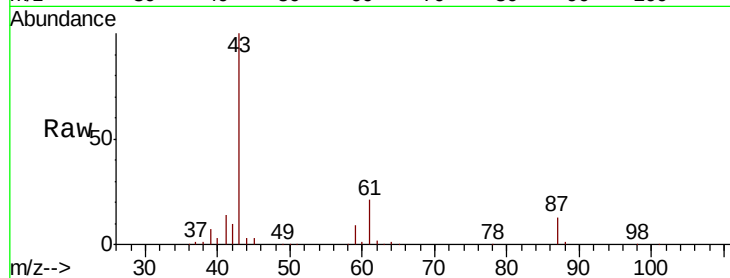
Tot Ion: 43 Resp: 350815

Ion Ratio Lower Upper

43 100

61 20.9 22.2 33.4#

87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17

150000

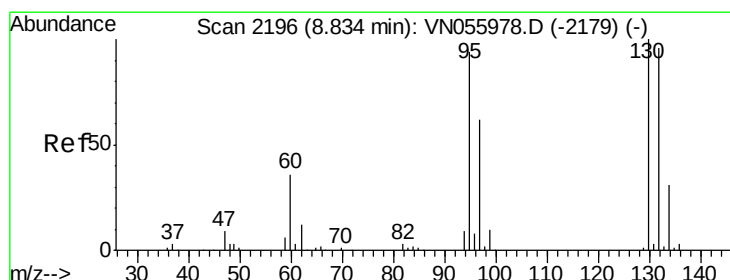
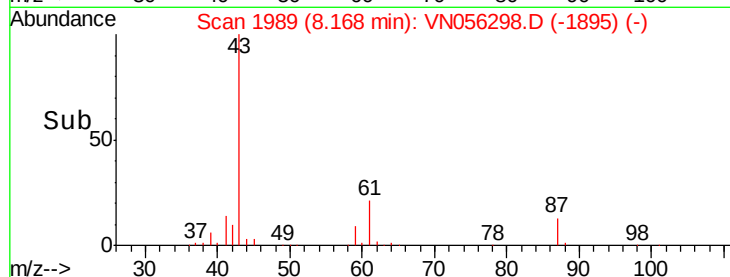
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 48.017 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056298.D

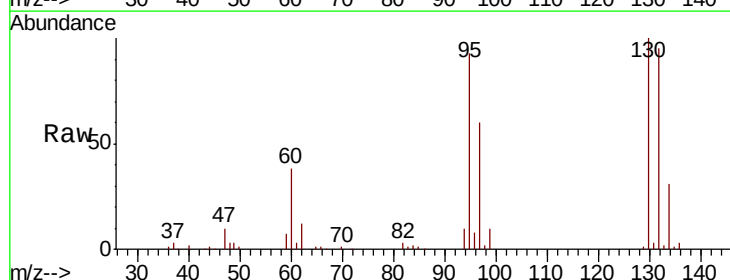
Acq: 13 Jun 2019 21:52

Tgt Ion:130 Resp: 183758

Ion Ratio Lower Upper

130 100

95 93.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

100000

80000

60000

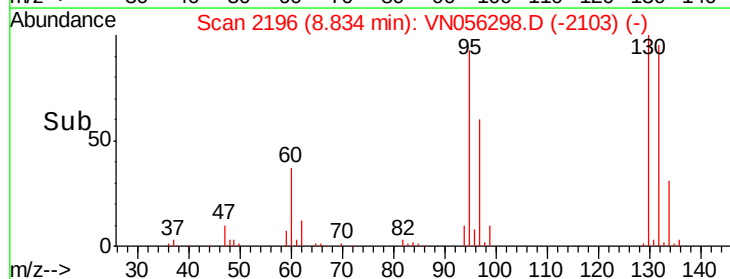
40000

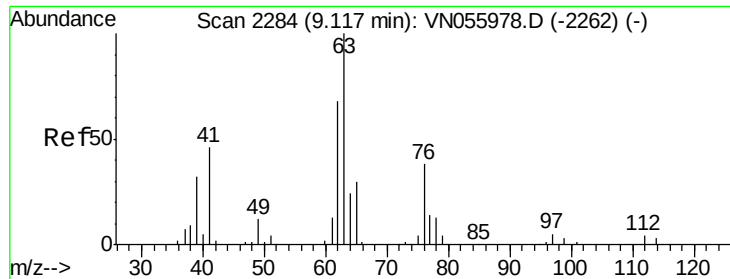
20000

0

8.75 8.80 8.85 8.90

Time-->

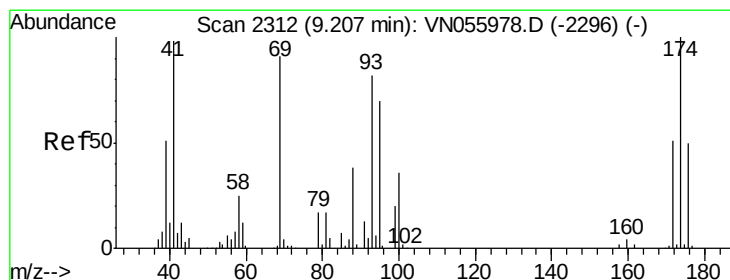
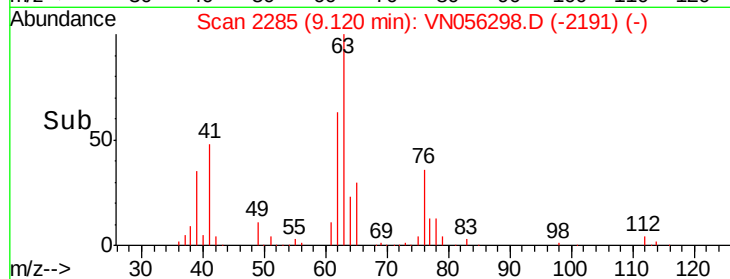
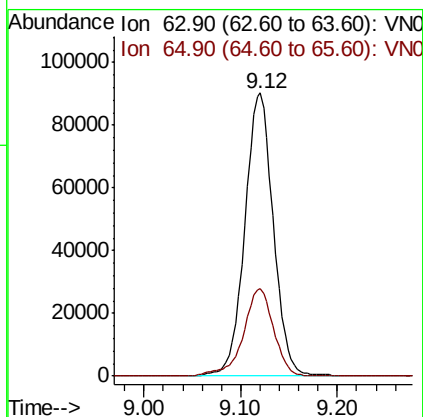
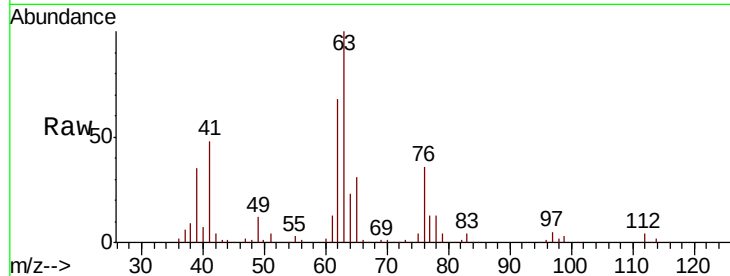




#45
 1,2-Dichloropropane
 Concen: 54.230 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

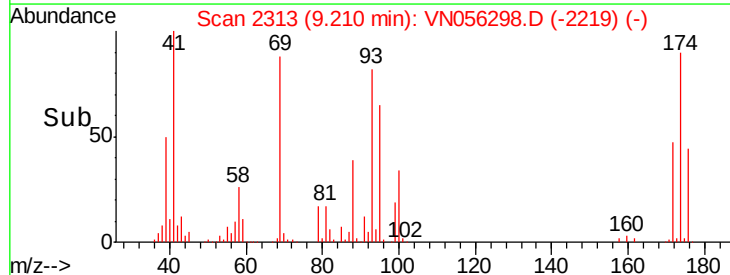
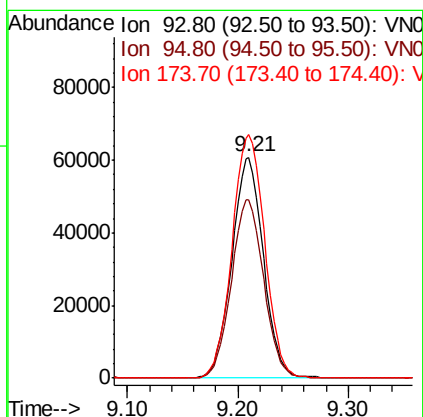
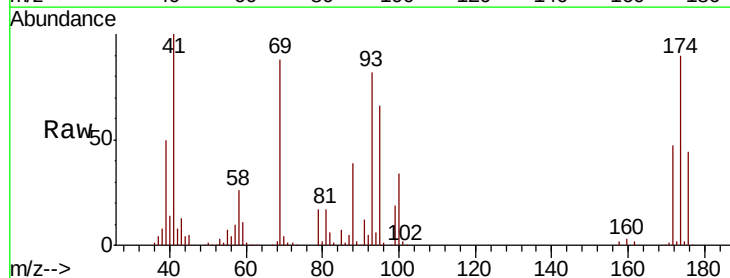
Instrument :
 MSVOA_N
 ClientSampled :

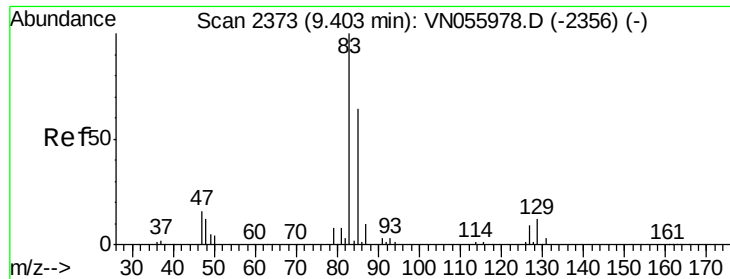
Tot Ion: 63 Resp: 184996
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 53.997 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 93 Resp: 120454
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 114.3 96.4 144.6





#47

Bromodichloromethane

Concen: 57.003 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

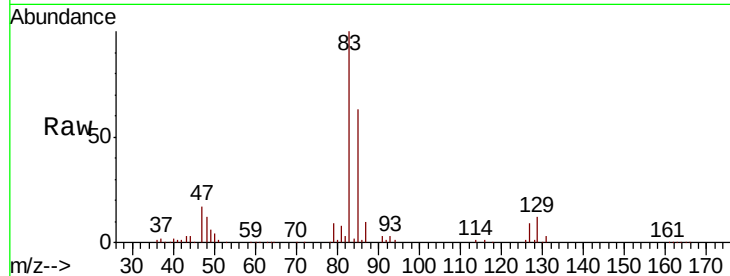
Tot Ion: 83 Resp: 230465

Ion Ratio Lower Upper

83 100

85 62.6 52.2 78.2

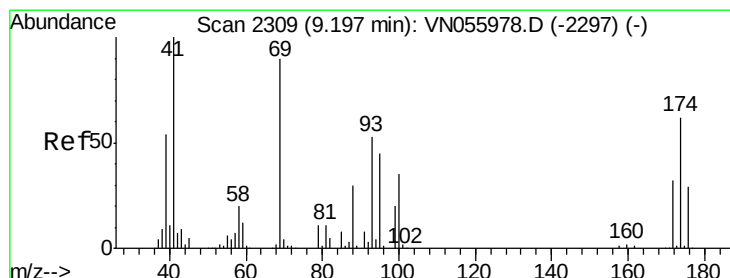
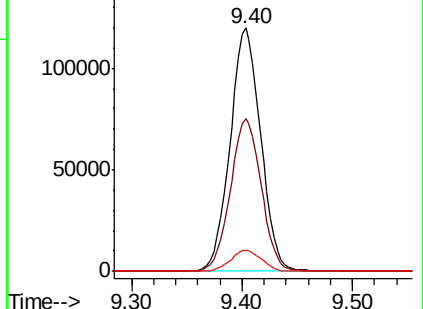
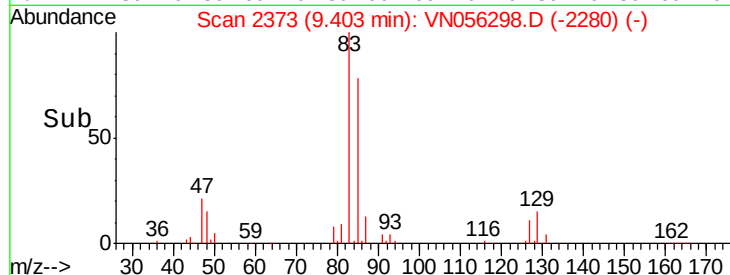
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056298.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056298.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056298.D (-2280) (-)



#48

Methyl methacrylate

Concen: 58.140 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

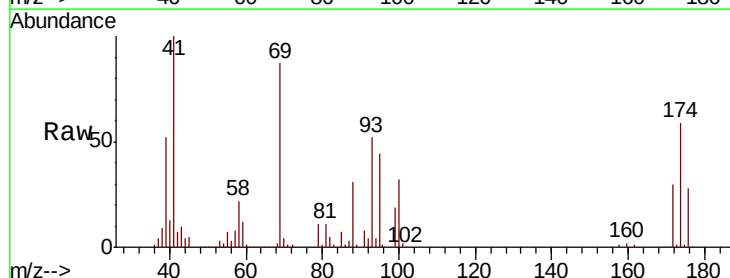
Tgt Ion: 41 Resp: 179828

Ion Ratio Lower Upper

41 100

69 87.3 71.0 106.6

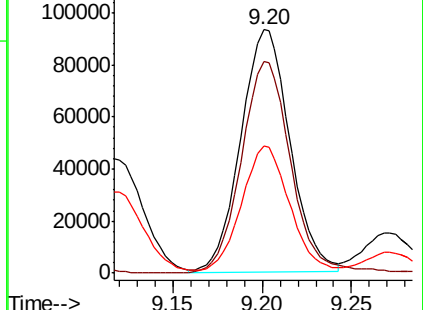
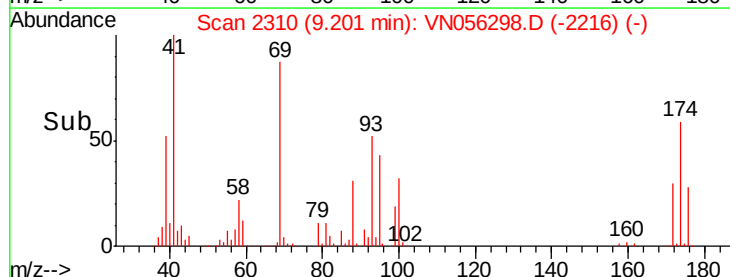
39 51.2 44.2 66.2

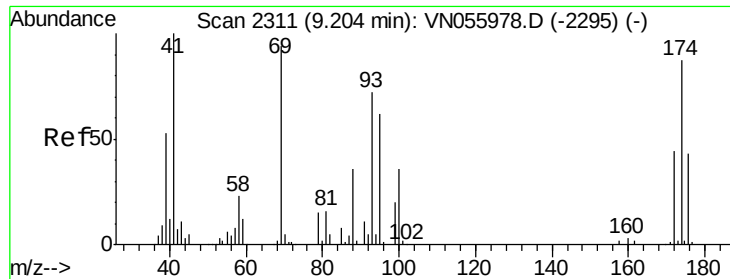


Abundance Ion 41.00 (40.70 to 41.70): VN056298.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056298.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056298.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1115.294 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

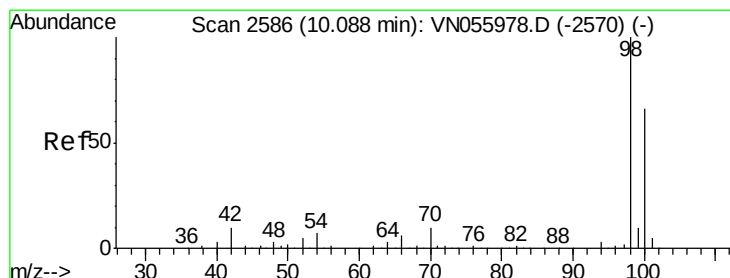
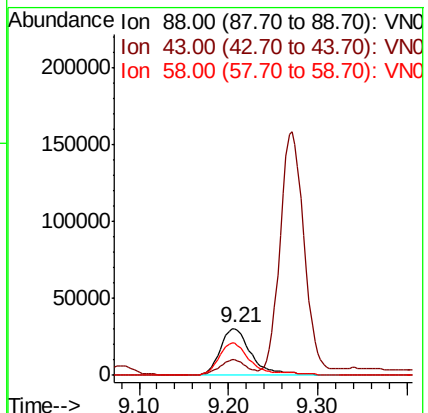
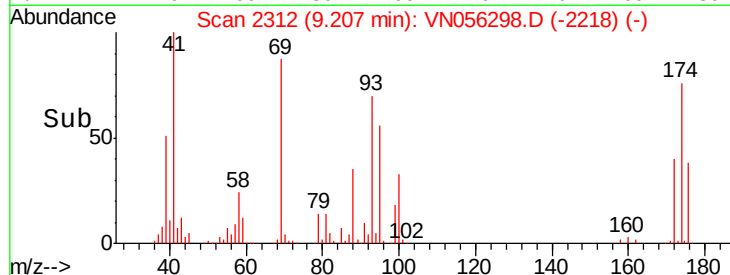
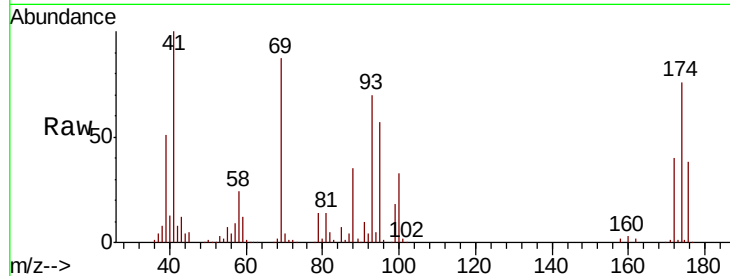
Tot Ion: 88 Resp: 74474

Ion Ratio Lower Upper

88 100

43 27.1 20.5 30.7

58 66.1 55.8 83.6



#50

Toluene-d8

Concen: 49.783 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056298.D

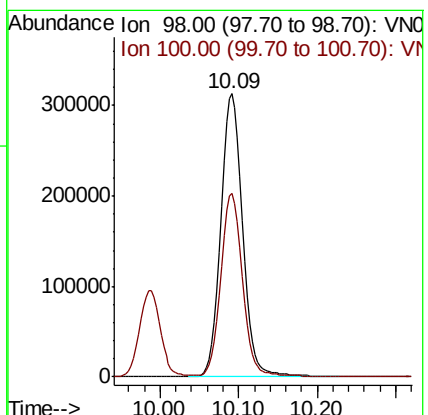
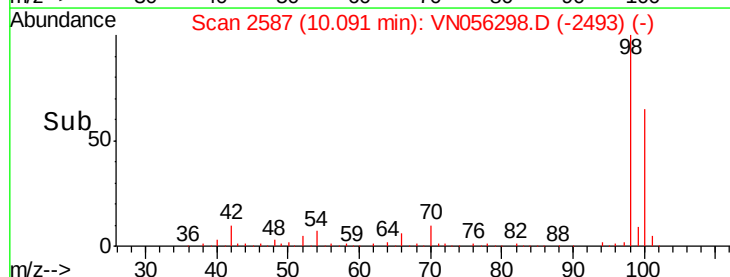
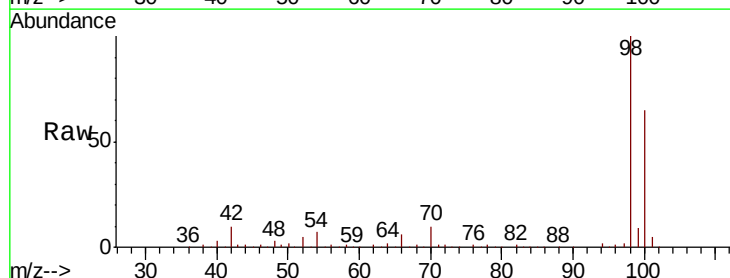
Acq: 13 Jun 2019 21:52

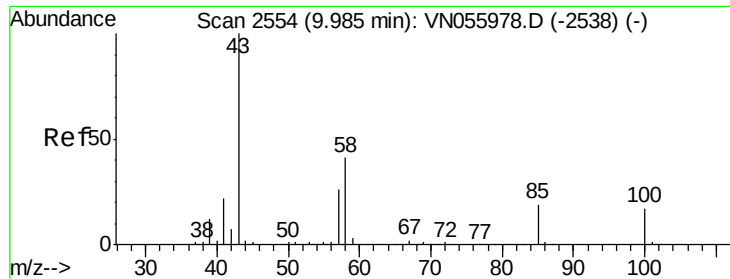
Tgt Ion: 98 Resp: 599365

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 291.503 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

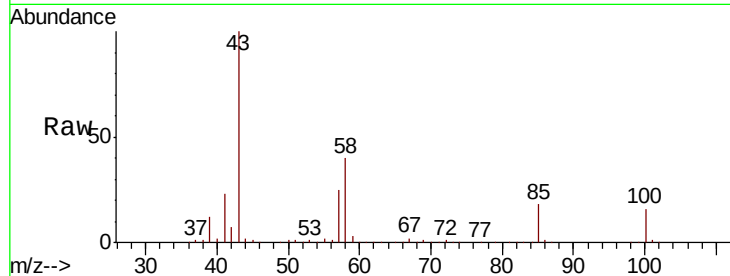
ClientSampled :

Tot Ion: 43 Resp: 1152499

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

600000

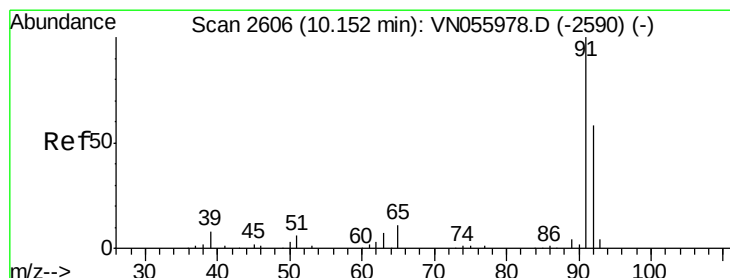
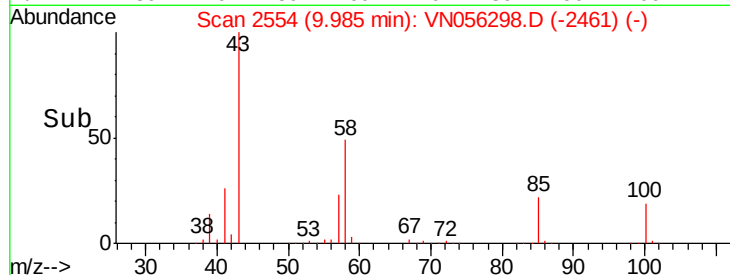
400000

200000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 50.630 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056298.D

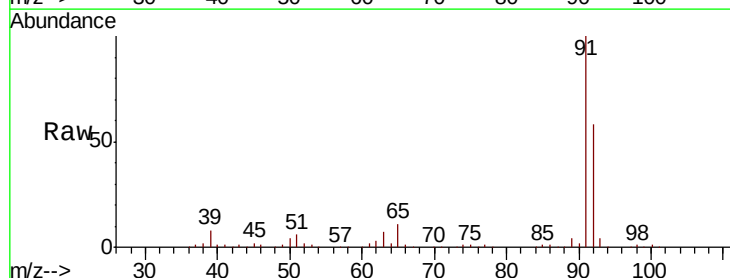
Acq: 13 Jun 2019 21:52

Tgt Ion: 92 Resp: 419587

Ion Ratio Lower Upper

92 100

91 173.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

300000

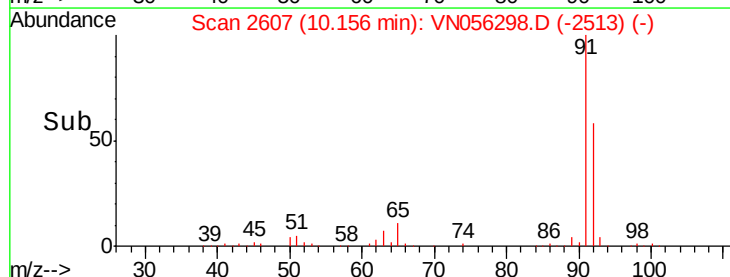
200000

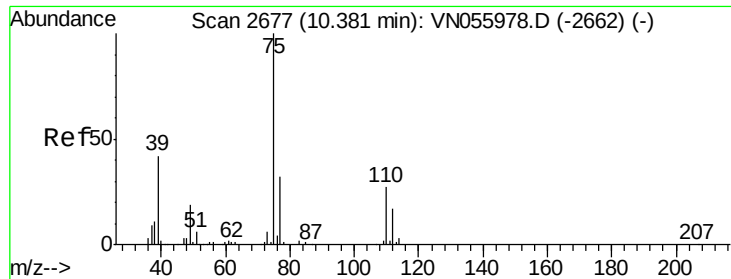
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 48.220 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

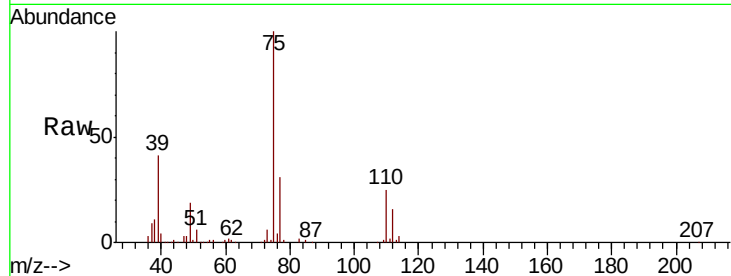
ClientSampled :

Tot Ion: 75 Resp: 228145

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

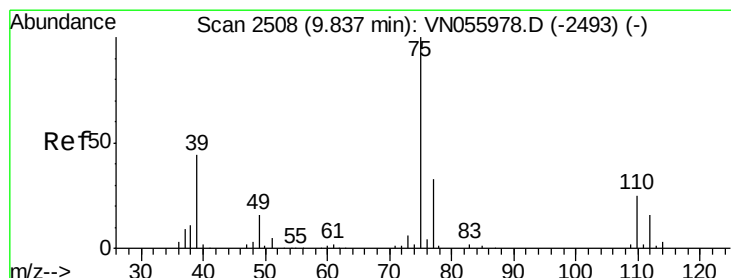
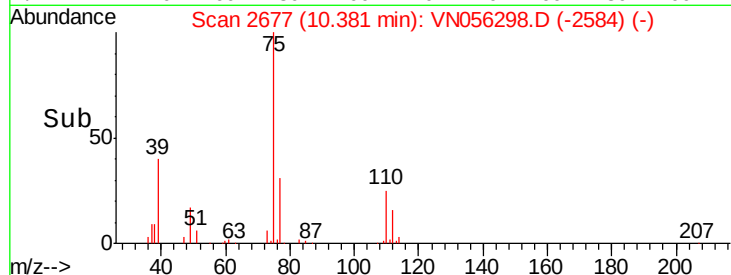
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.327 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

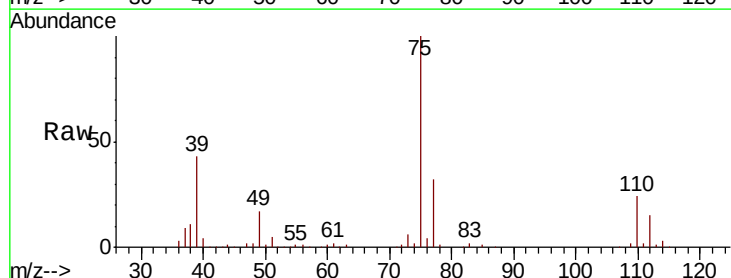
Tgt Ion: 75 Resp: 264014

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 43.0 36.3 54.5



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

9.84

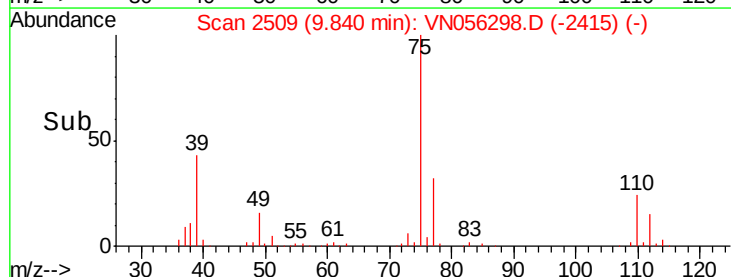
150000

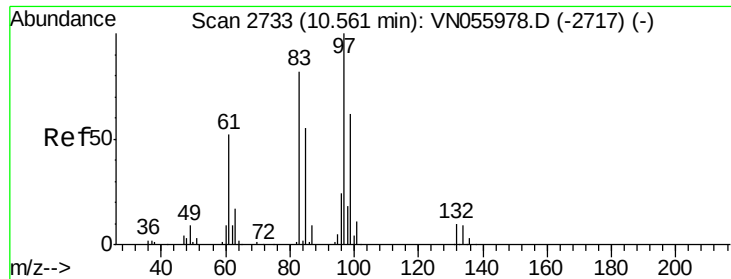
100000

50000

0

Time-->

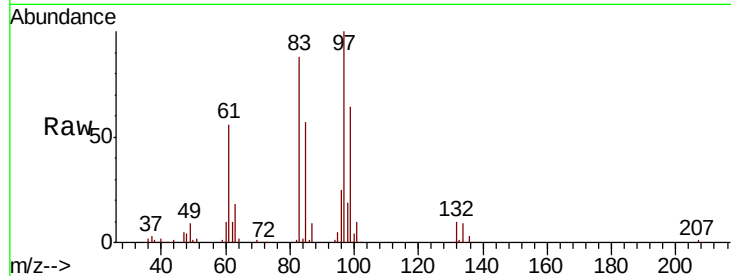




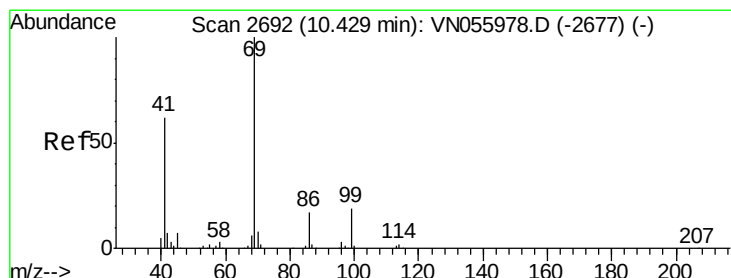
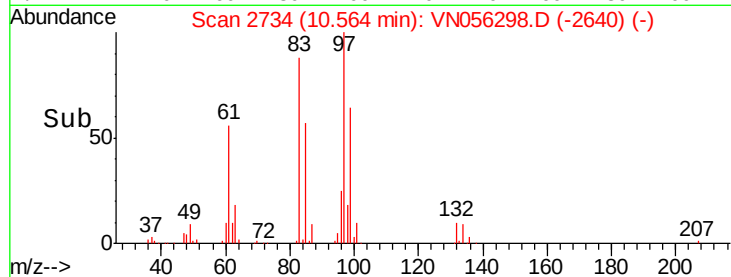
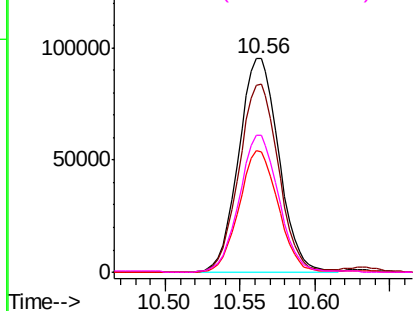
#55
 1,1,2-Trichloroethane
 Concen: 54.248 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	178081
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.0	100.6
85	56.6	44.0	66.0
99	63.7	50.6	75.8

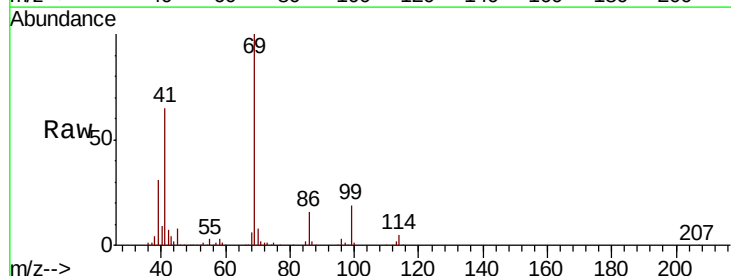


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

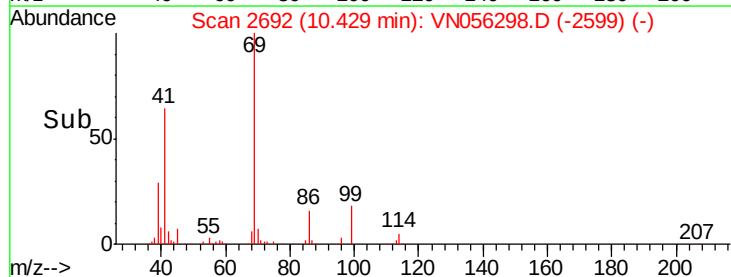
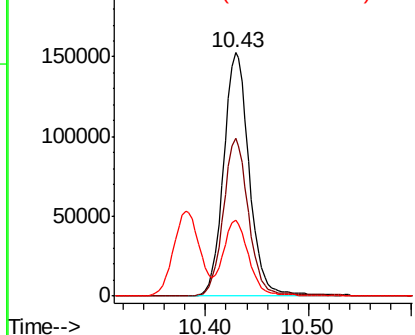


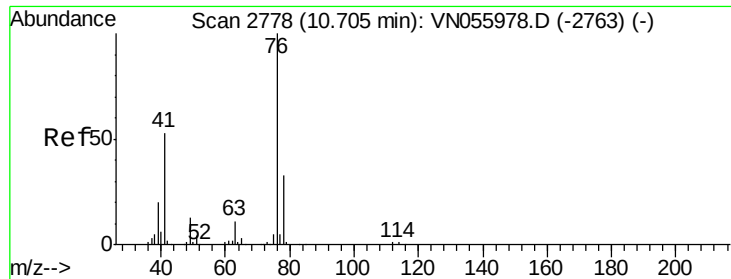
#56
 Ethyl methacrylate
 Concen: 55.314 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion:	69	Resp:	264908
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	30.6	24.7	37.1



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

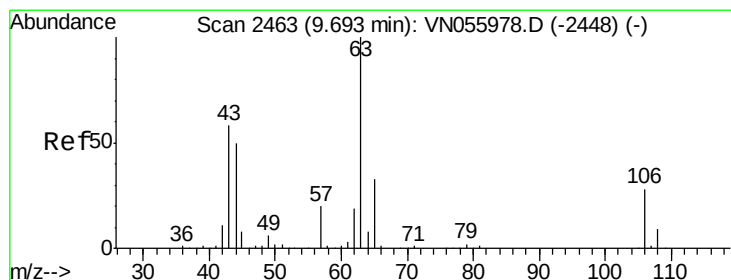
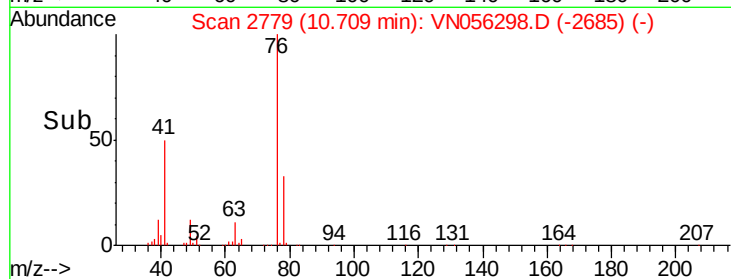
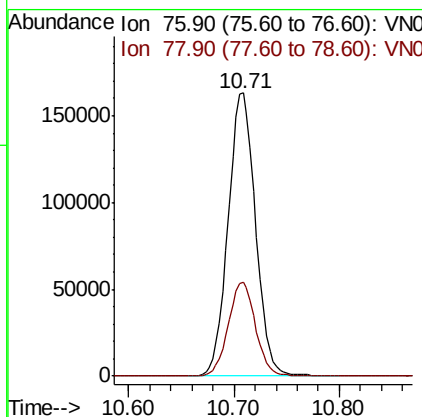
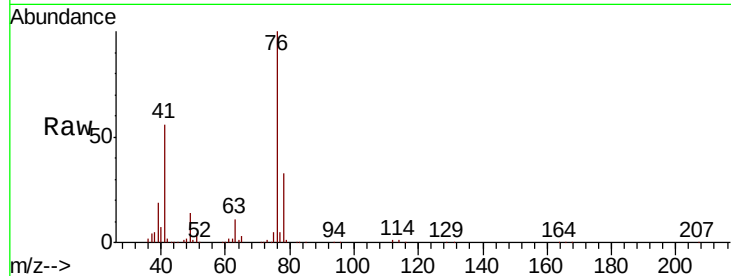




#57
 1,3-Dichloropropane
 Concen: 54.988 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

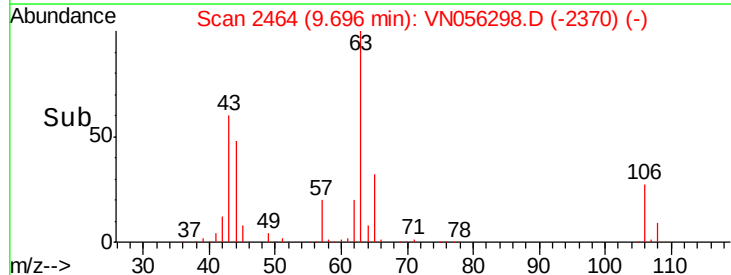
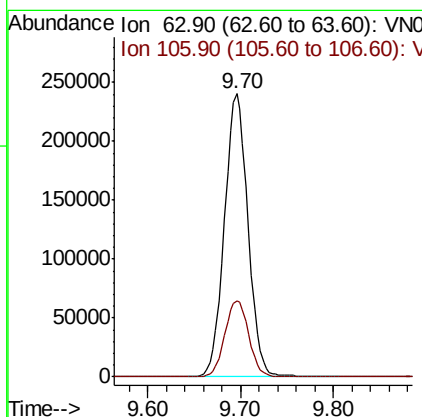
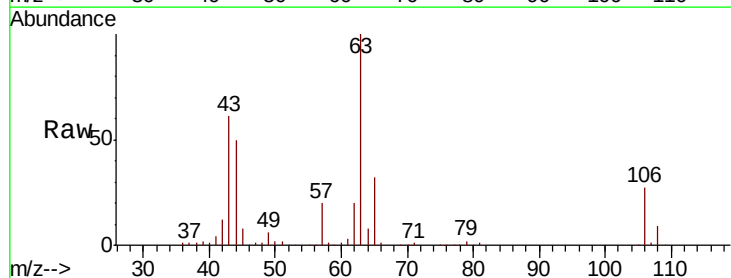
Instrument :
 MSVOA_N
 ClientSampled :

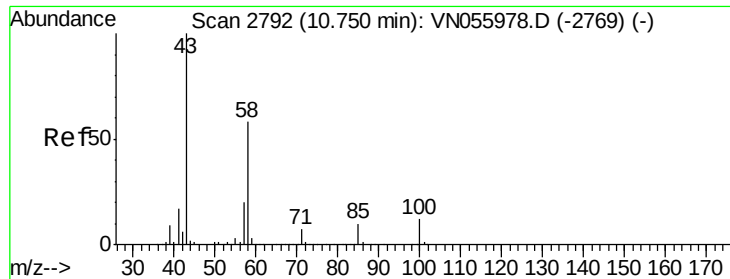
Tot Ion: 76 Resp: 293445
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.302 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 63 Resp: 422823
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.7 34.1

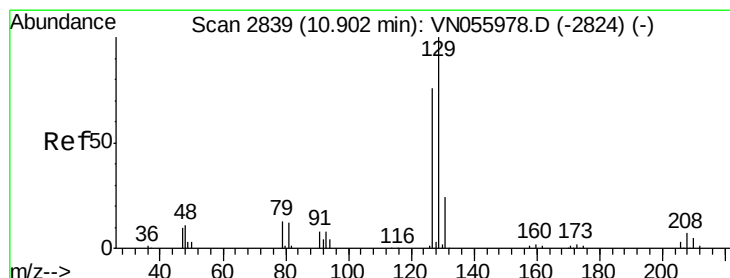
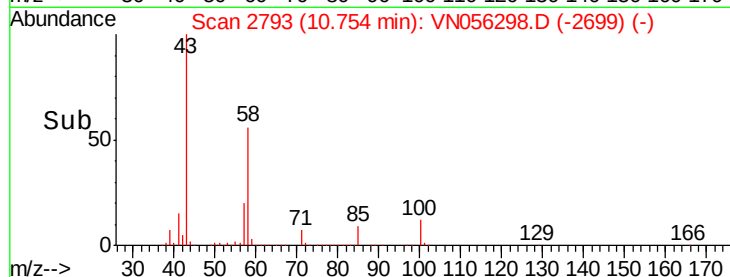
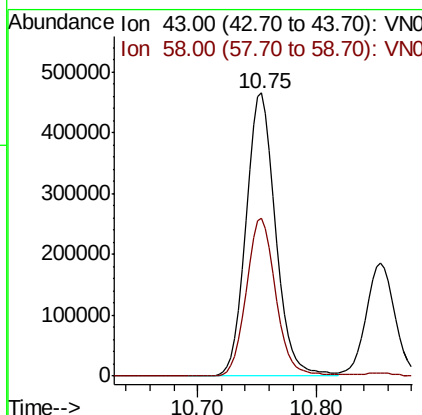
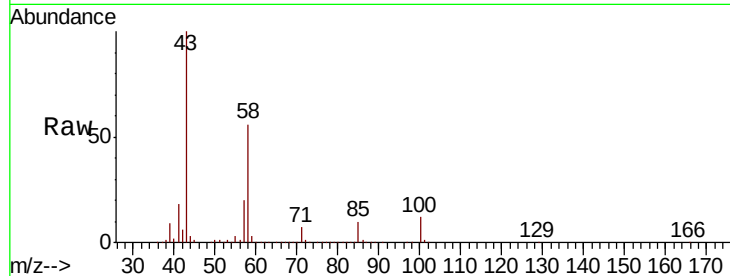




#59
2-Hexanone
Concen: 278.531 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

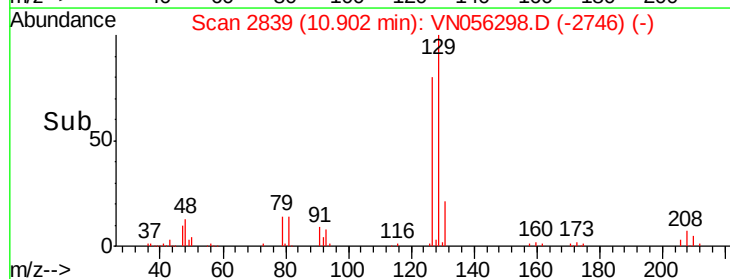
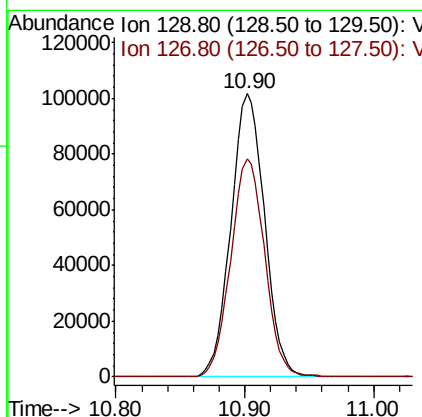
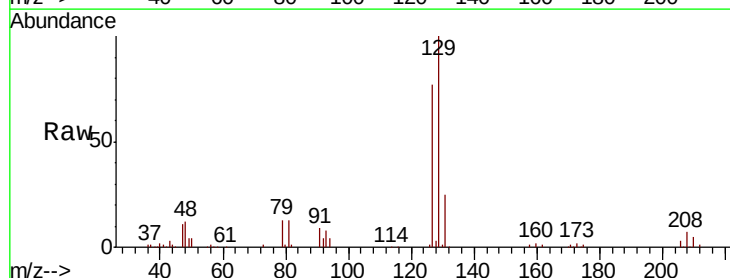
Instrument :
MSVOA_N
ClientSampleId :

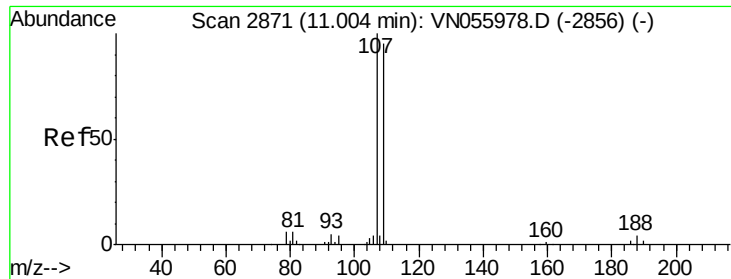
Tot Ion: 43 Resp: 798135
Ion Ratio Lower Upper
43 100
58 56.1 28.2 84.7



#60
Dibromochloromethane
Concen: 50.889 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 129 Resp: 184413
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3

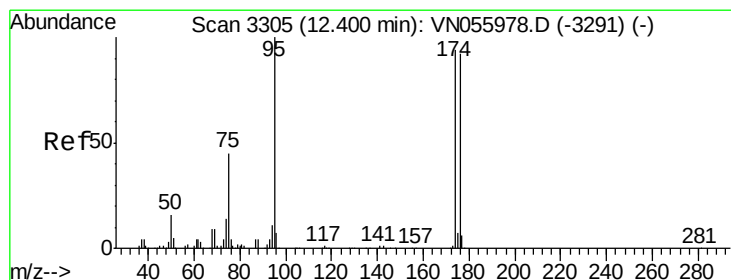
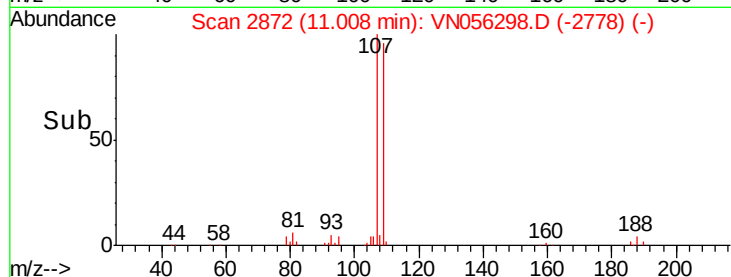
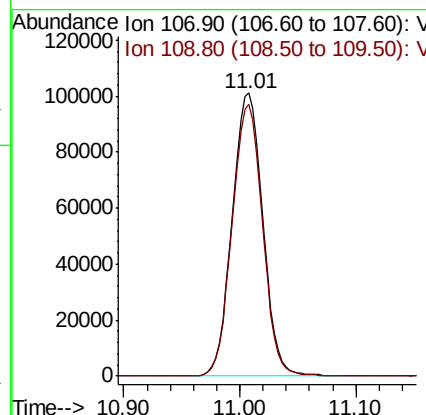
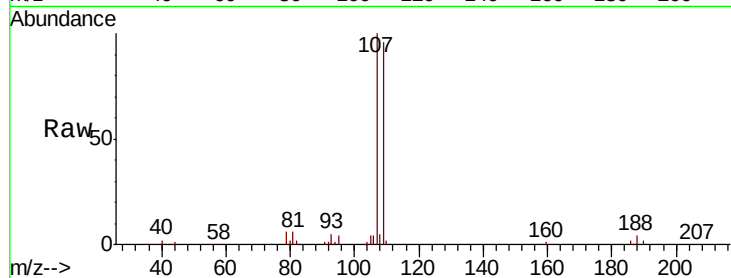




#61
 1,2-Dibromoethane
 Concen: 54.813 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

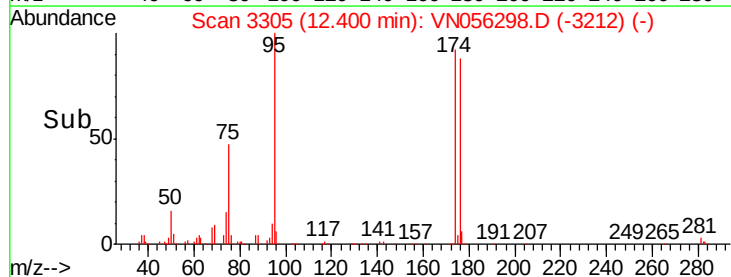
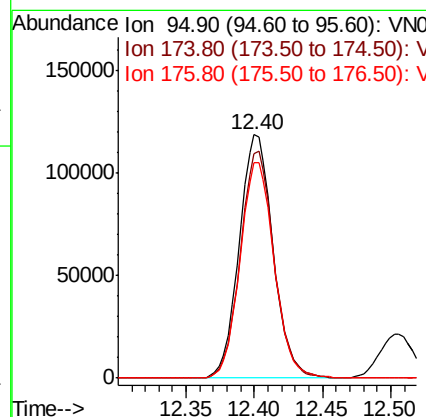
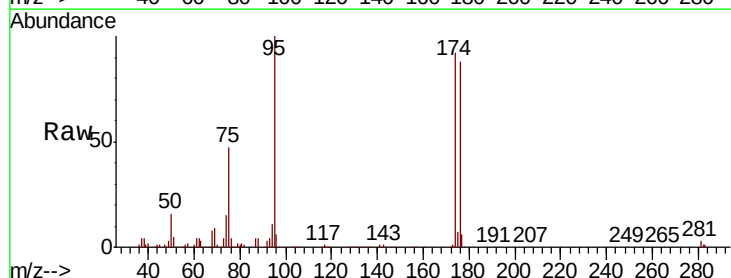
Instrument :
 MSVOA_N
 ClientSampleId :

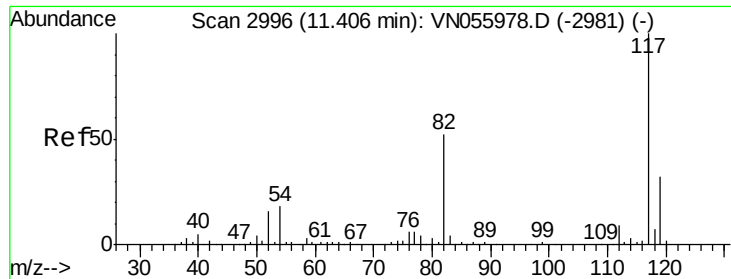
Tot Ion: 107 Resp: 183949
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.900 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 95 Resp: 204309
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 191.0
 176 89.3 0.0 185.2

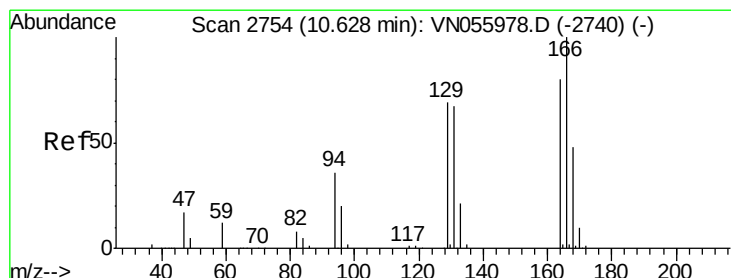
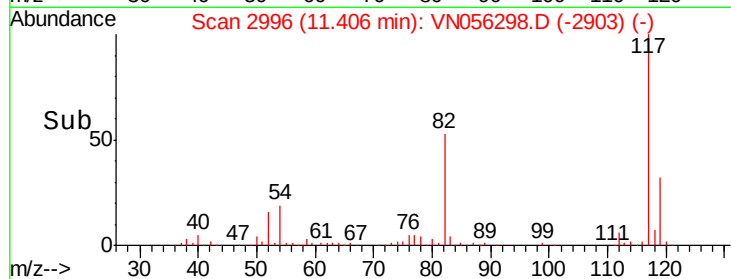
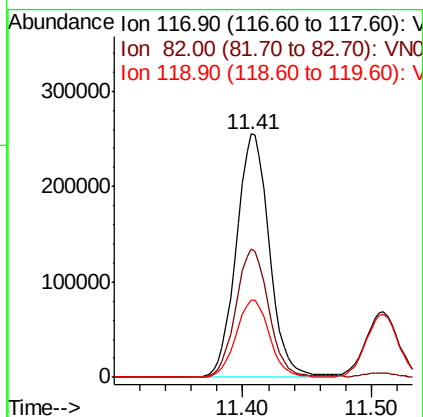
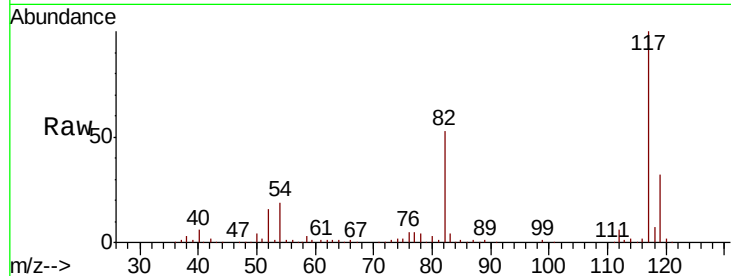




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

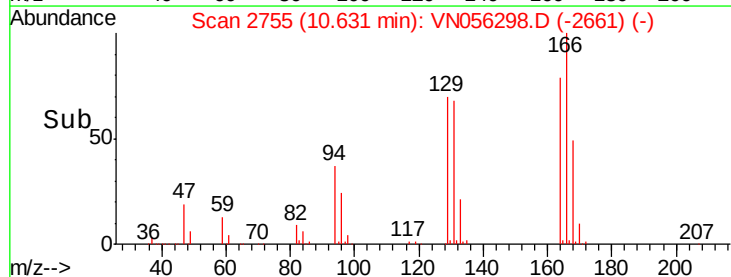
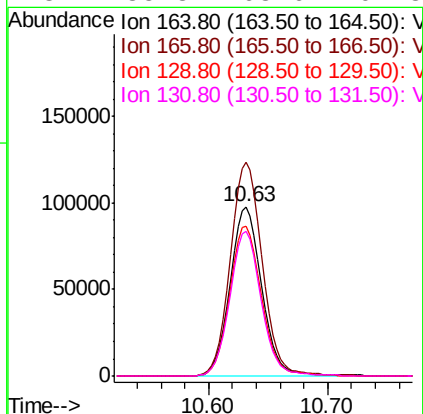
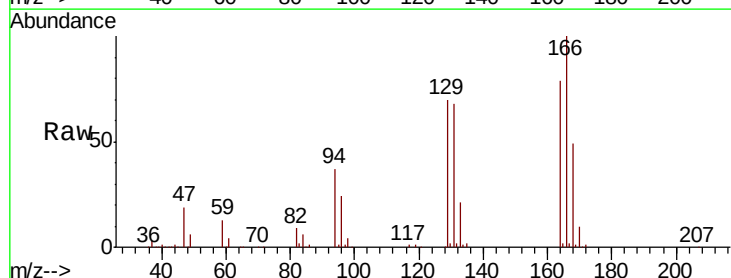
Instrument :
MSVOA_N
ClientSampleId :

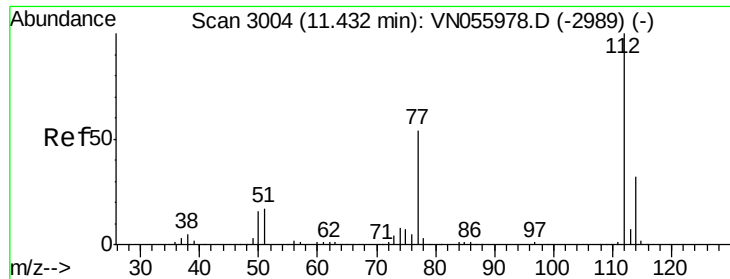
Tot Ion:117 Resp: 455600
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 45.638 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:164 Resp: 179982
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 88.4 70.6 105.8
131 85.3 68.6 102.8

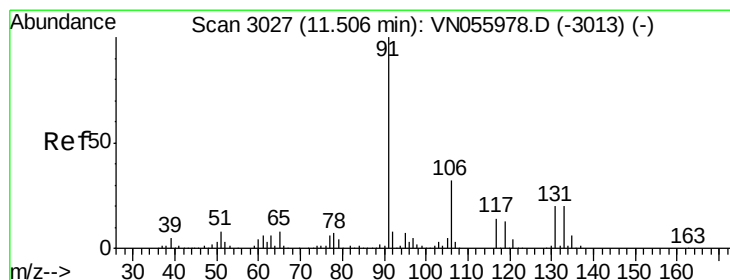
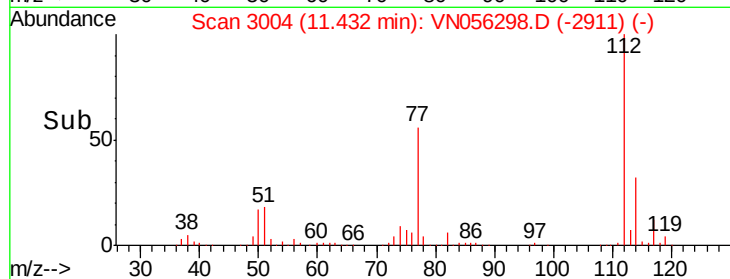
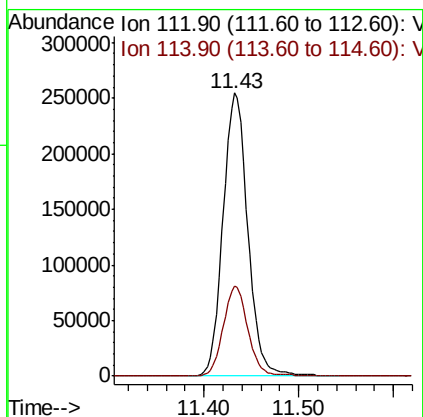
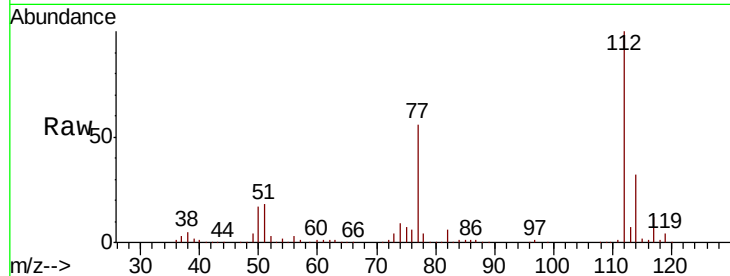




#65
Chlorobenzene
Concen: 51.072 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

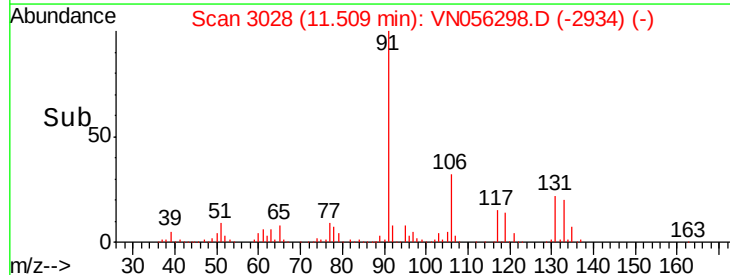
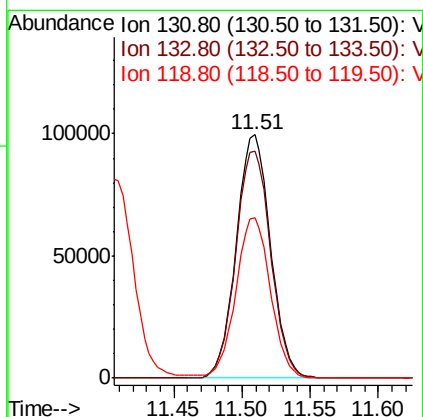
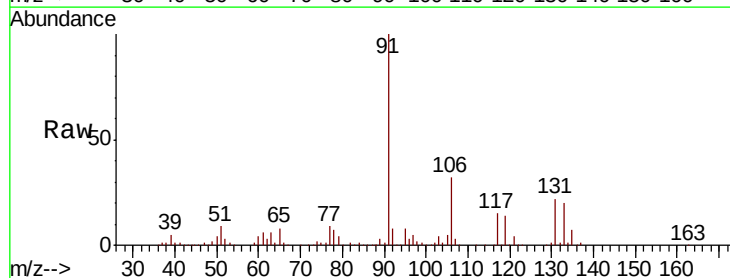
Instrument :
MSVOA_N
ClientSampled :

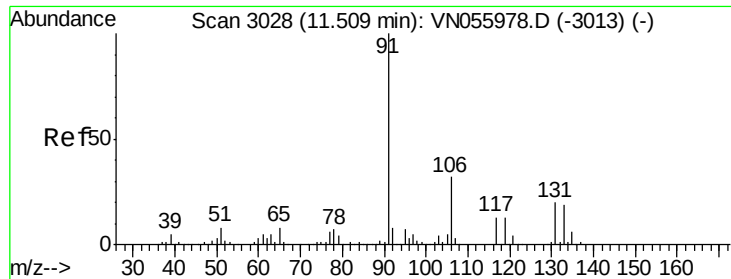
Tot Ion:112 Resp: 463091
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.603 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:131 Resp: 174083
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.6 33.1 99.5

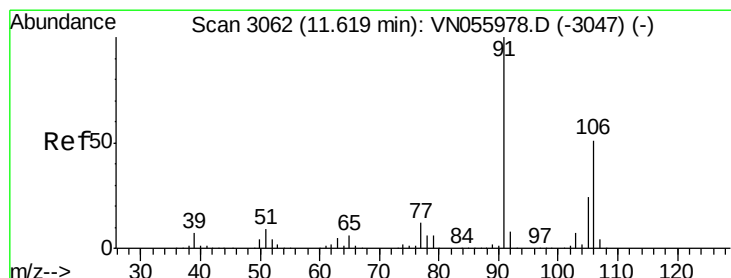
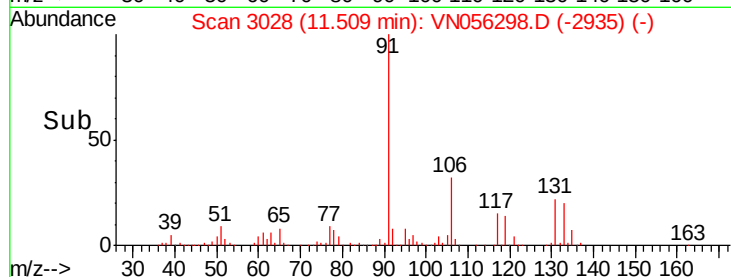
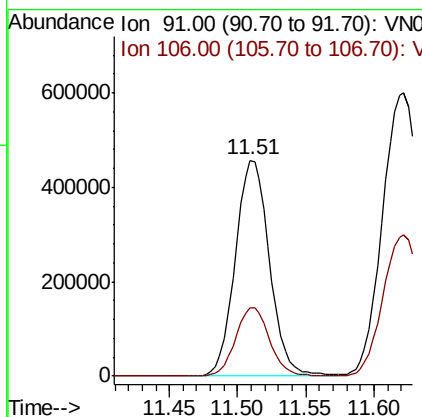
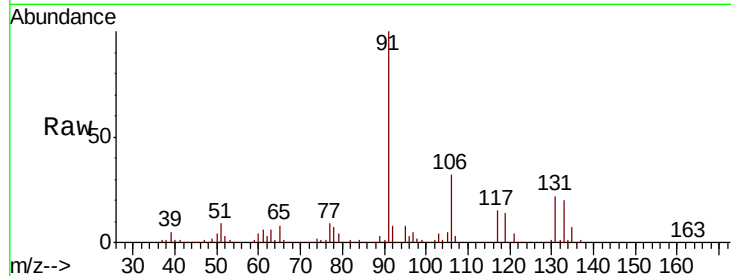




#67
Ethyl Benzene
Concen: 50.503 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

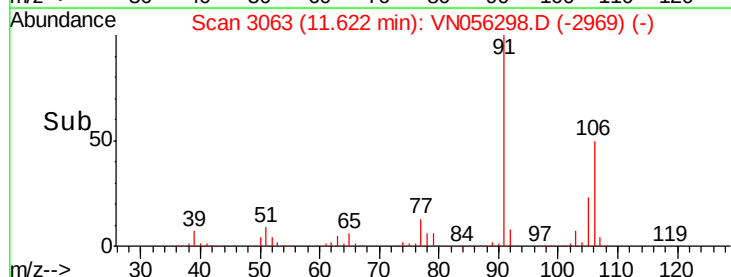
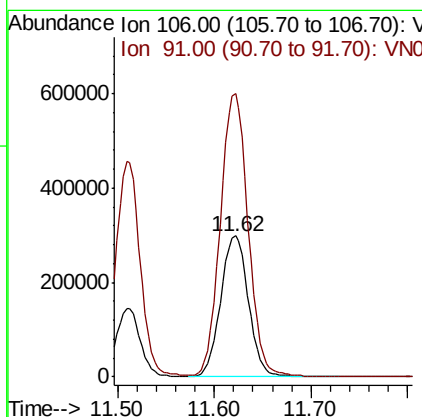
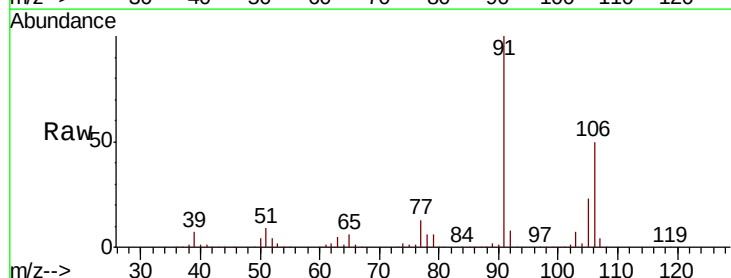
Instrument :
MSVOA_N
ClientSampled :

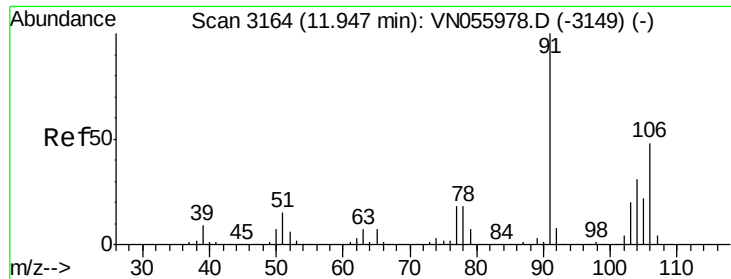
Tot Ion: 91 Resp: 796264
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 99.310 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 106 Resp: 598145
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9

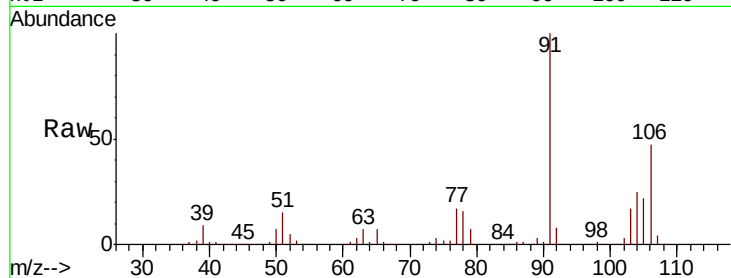




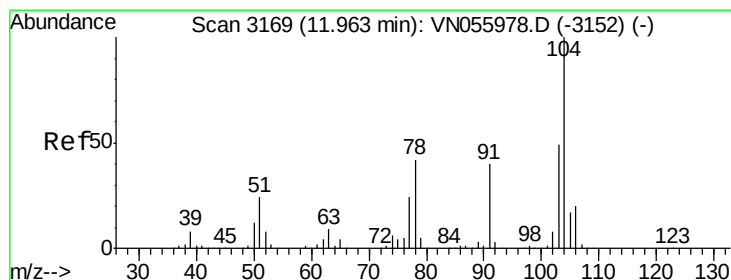
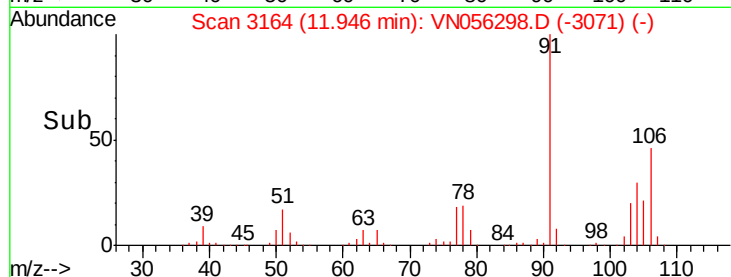
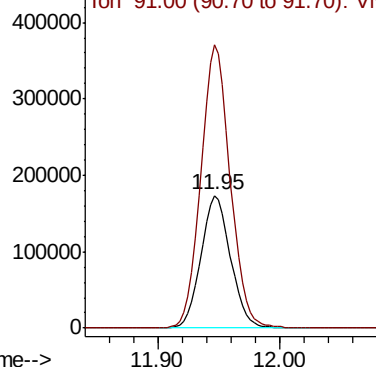
#69
o-Xylene
Concen: 49.604 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 293884
Ion Ratio Lower Upper
106 100
91 211.5 104.7 314.1

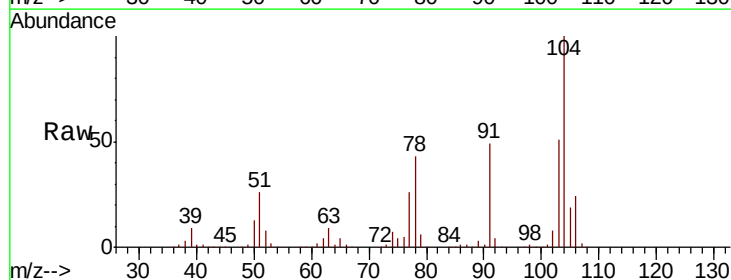


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

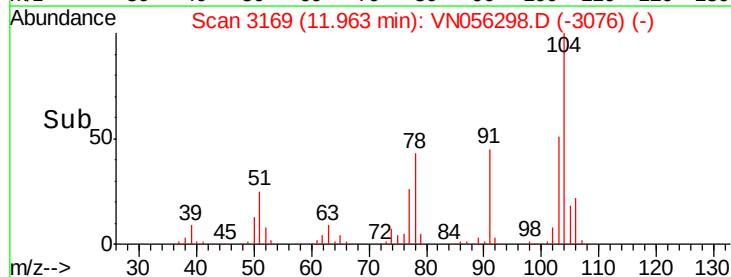
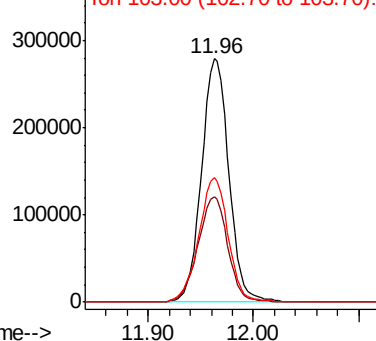


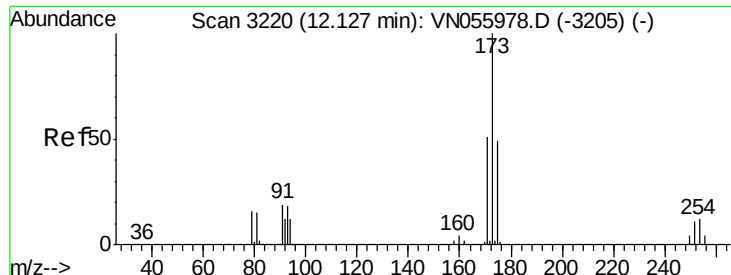
#70
Styrene
Concen: 53.055 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:104 Resp: 499430
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 54.9 44.2 66.2



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





#71

Bromoform

Concen: 51.623 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampled :

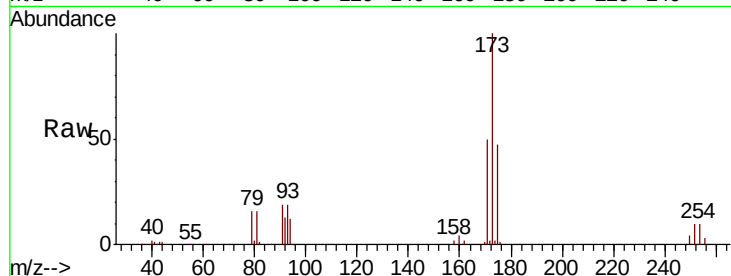
Tot Ion:173 Resp: 135939

Ion Ratio Lower Upper

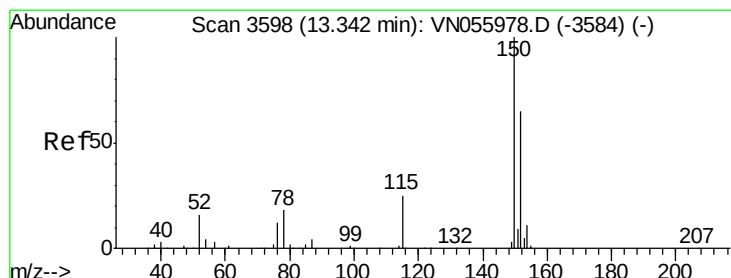
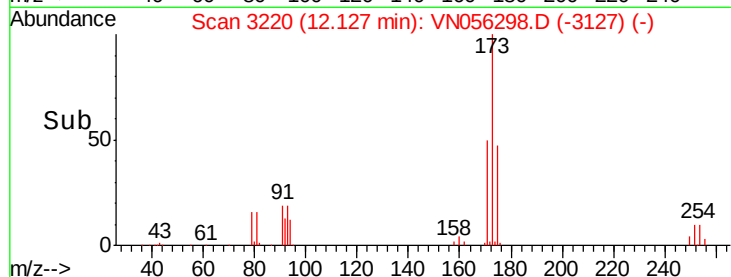
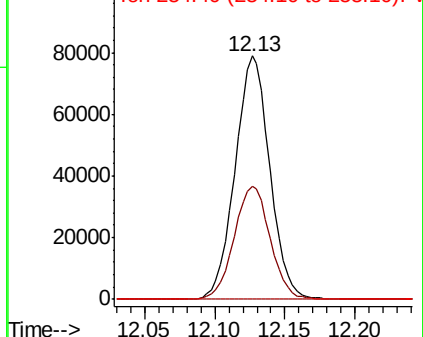
173 100

175 48.1 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

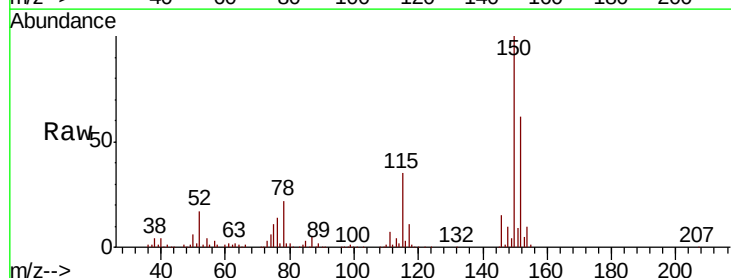
Tgt Ion:152 Resp: 191116

Ion Ratio Lower Upper

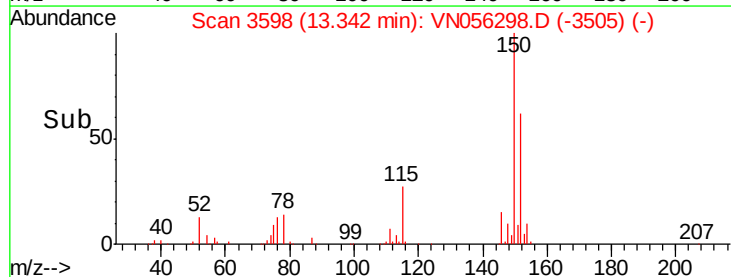
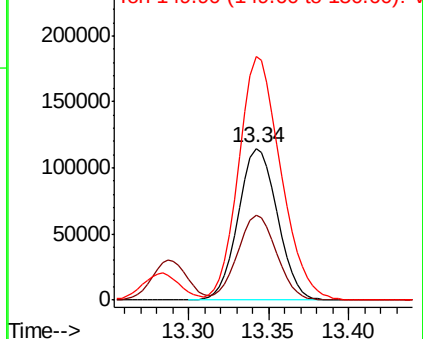
152 100

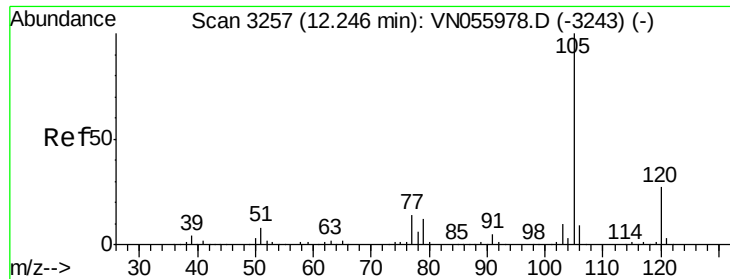
115 55.8 27.0 81.0

150 173.5 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.041 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

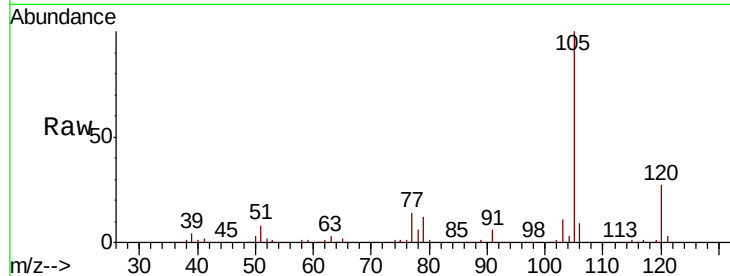
ClientSampled :

Tot Ion:105 Resp: 785375

Ion Ratio Lower Upper

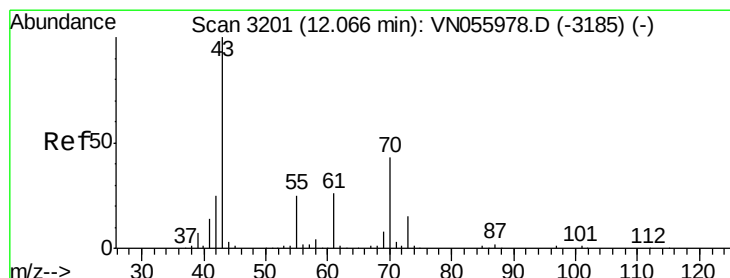
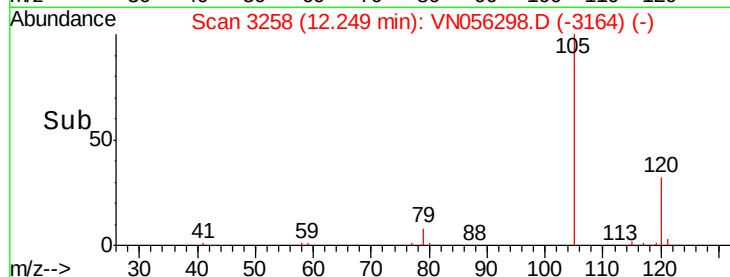
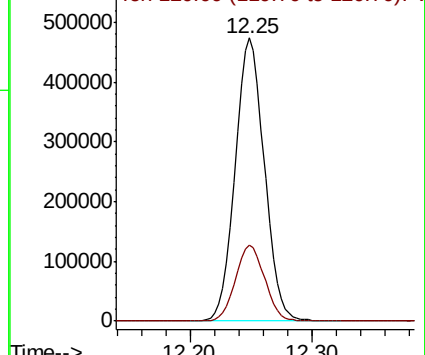
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.911 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion: 43 Resp: 284837

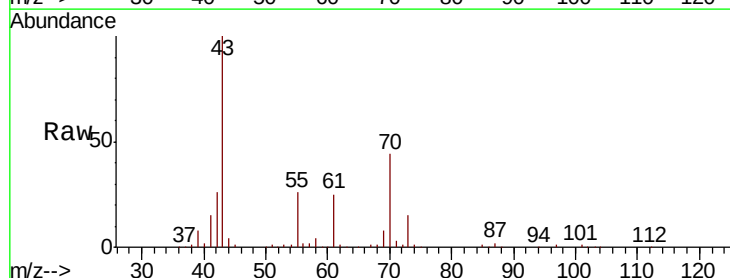
Ion Ratio Lower Upper

43 100

70 43.9 34.0 51.0

55 26.2 18.6 28.0

61 25.3 20.0 30.0

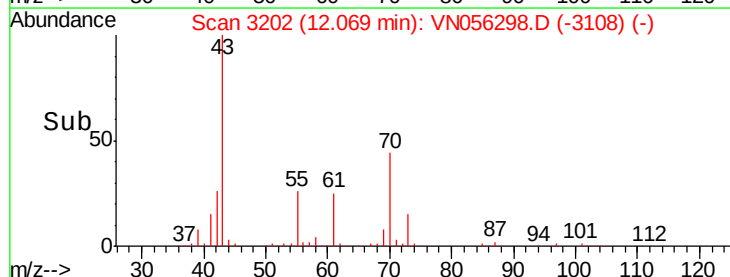
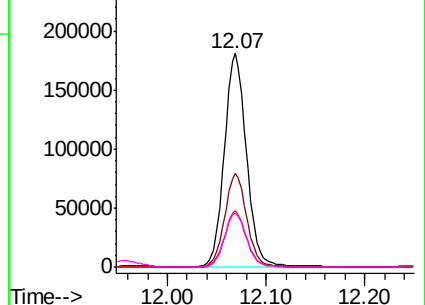


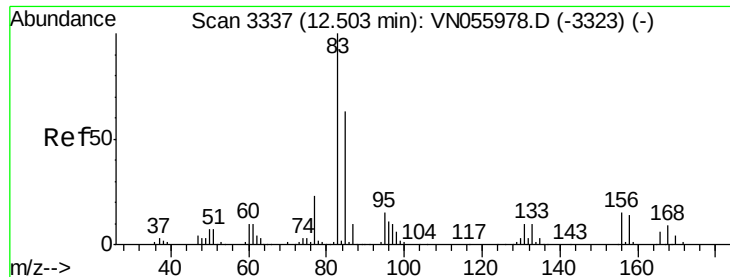
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 55.321 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

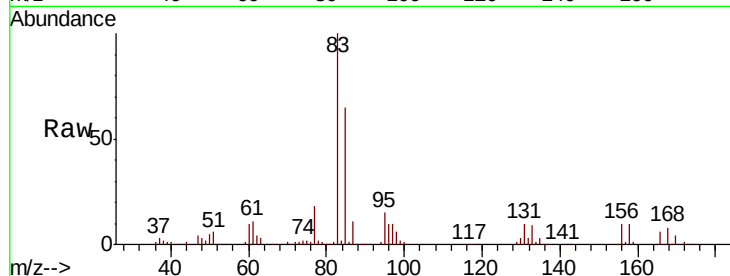
Tot Ion: 83 Resp: 245440

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	66.6	32.4	97.0

83 100

131 10.5 5.4 16.2

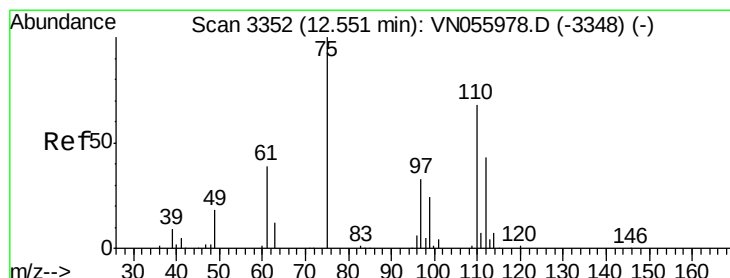
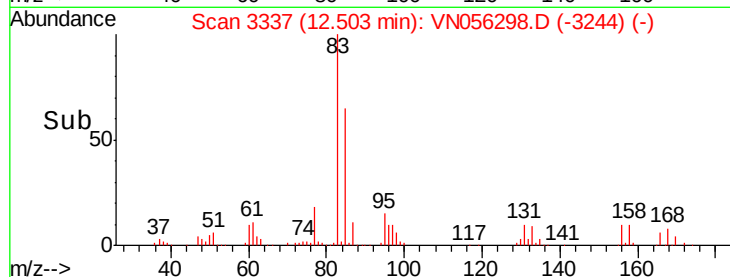
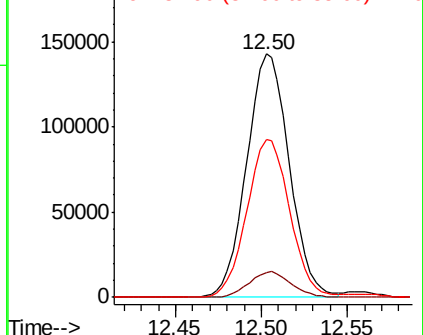
85 66.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 82.200 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056298.D

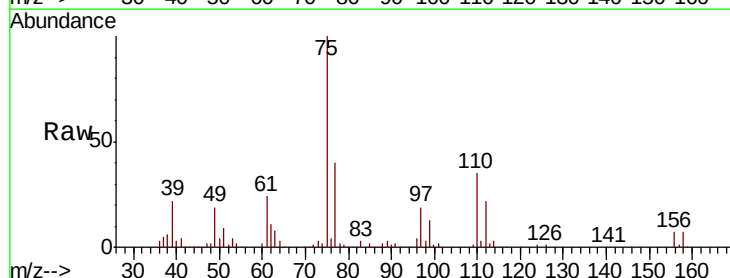
Acq: 13 Jun 2019 21:52

Tgt Ion: 75 Resp: 289067

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

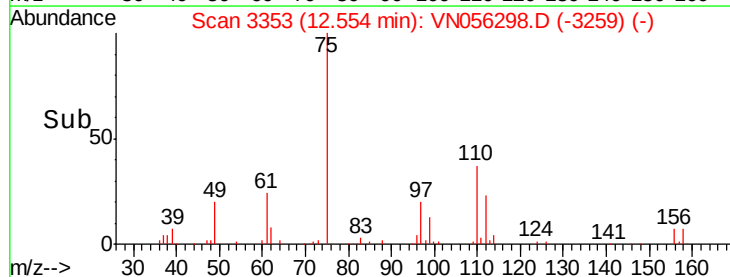
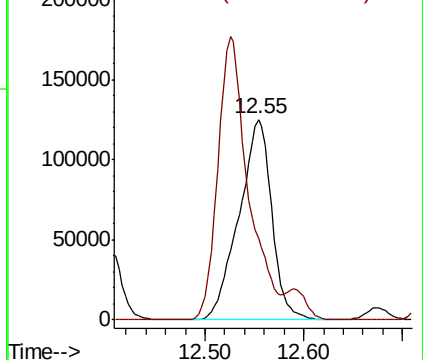
75 100

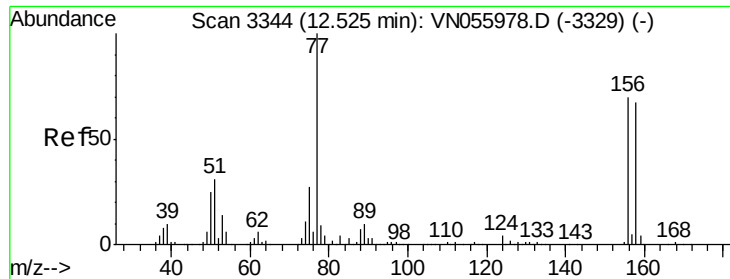
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.692 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampled :

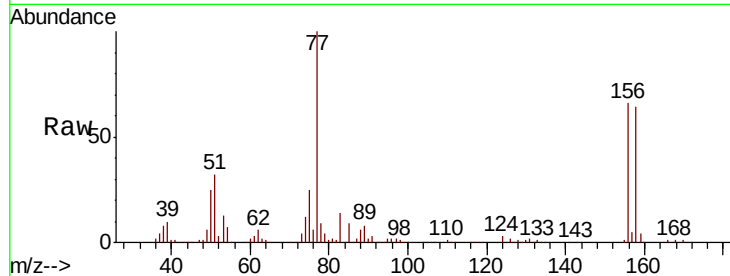
Tot Ion:156 Resp: 207420

Ion Ratio Lower Upper

156 100

77 184.6 90.8 272.5

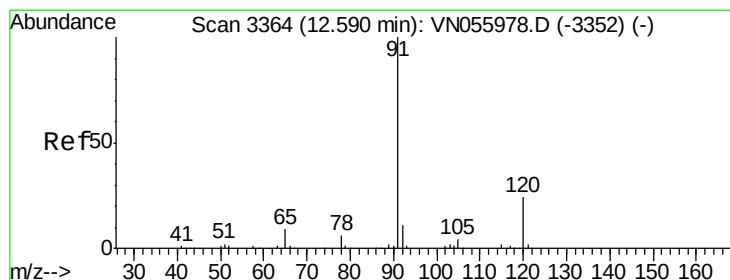
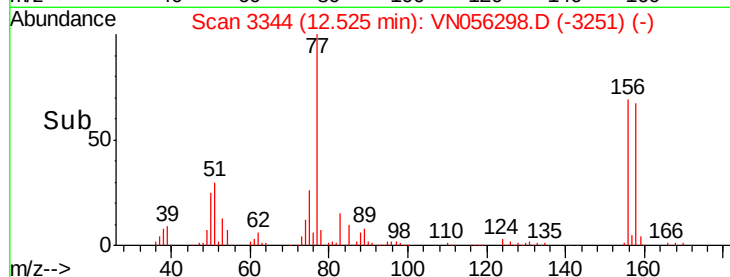
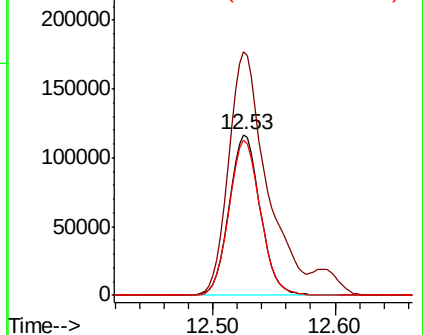
158 97.7 49.3 147.8



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: 52.143 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056298.D

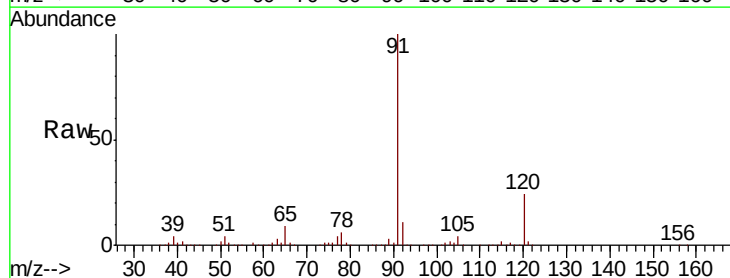
Acq: 13 Jun 2019 21:52

Tgt Ion: 91 Resp: 843067

Ion Ratio Lower Upper

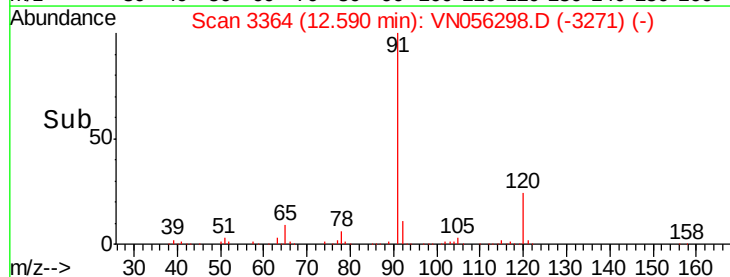
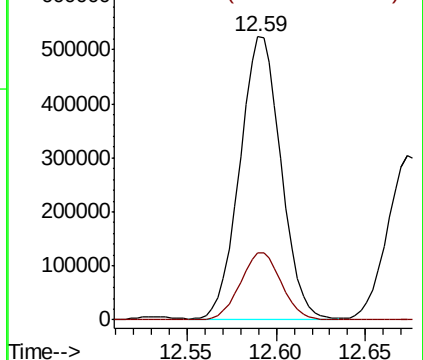
91 100

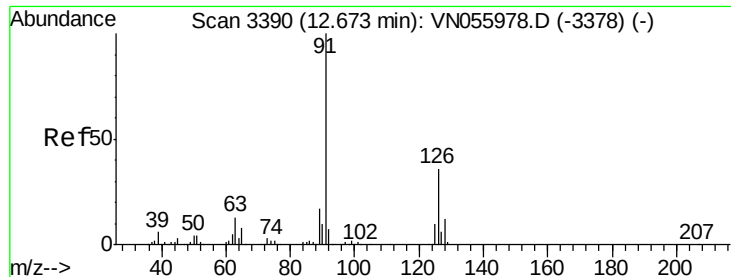
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.697 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

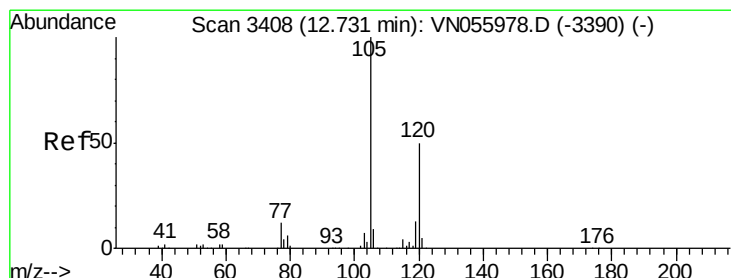
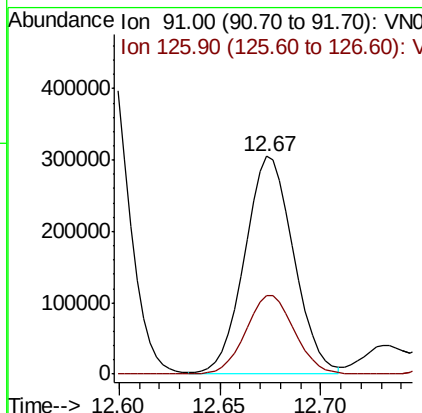
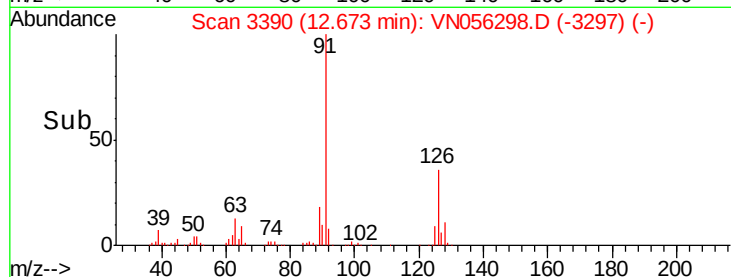
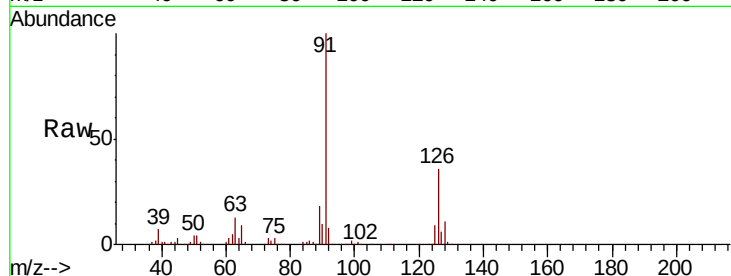
ClientSampled :

Tot Ion: 91 Resp: 514224

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 49.343 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056298.D

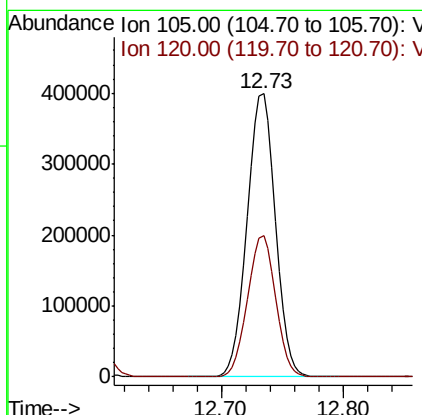
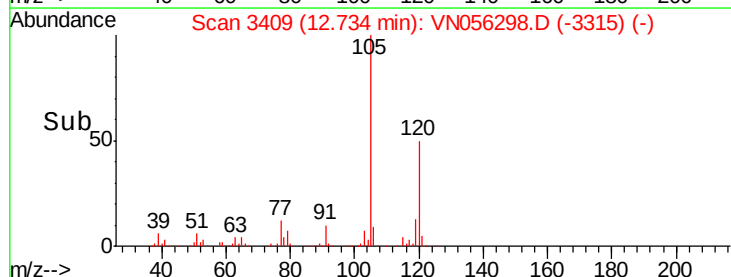
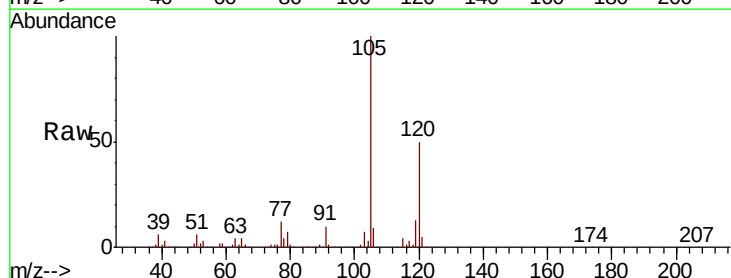
Acq: 13 Jun 2019 21:52

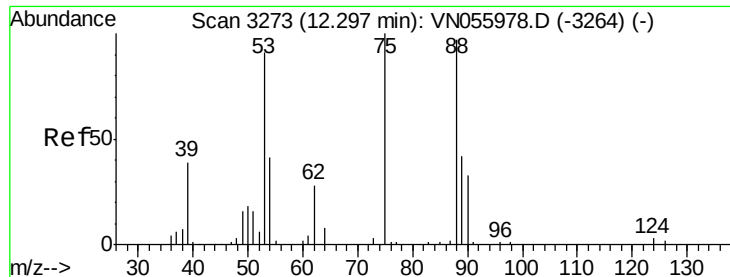
Tgt Ion: 105 Resp: 634054

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 55.773 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

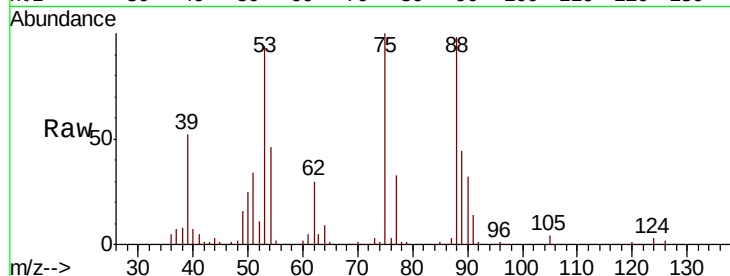
Tot Ion: 75 Resp: 58895

Ion Ratio Lower Upper

75 100

53 95.6 68.1 102.1

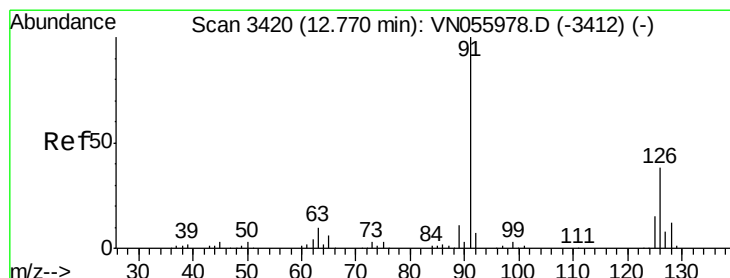
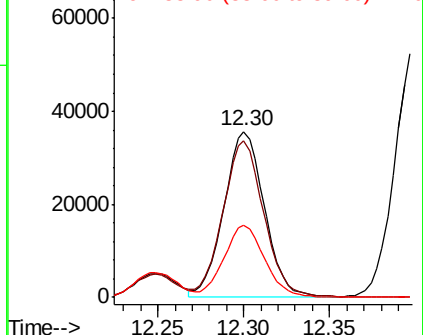
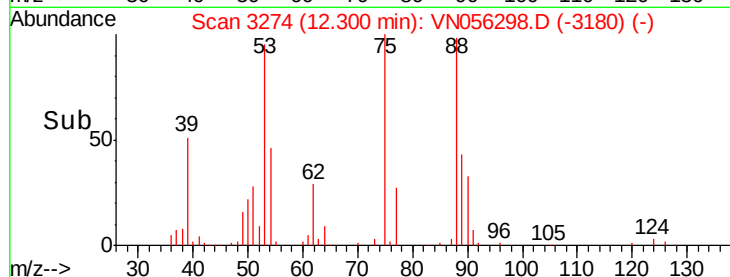
89 43.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.687 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056298.D

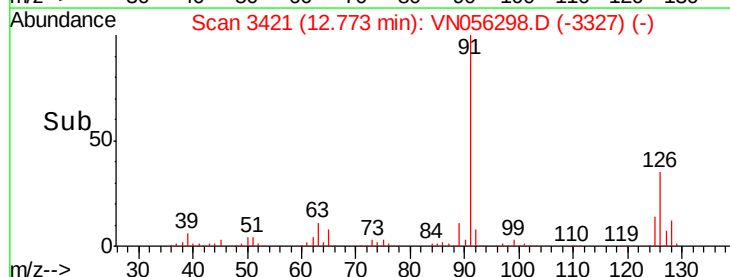
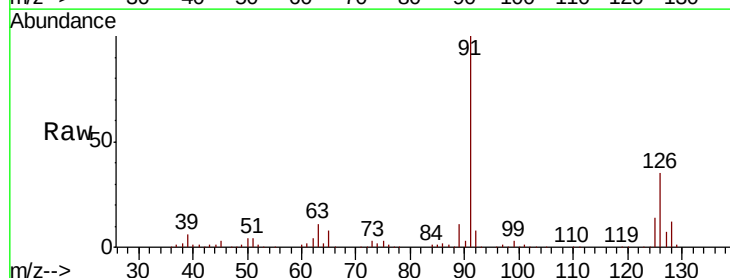
Acq: 13 Jun 2019 21:52

Tgt Ion: 91 Resp: 498371

Ion Ratio Lower Upper

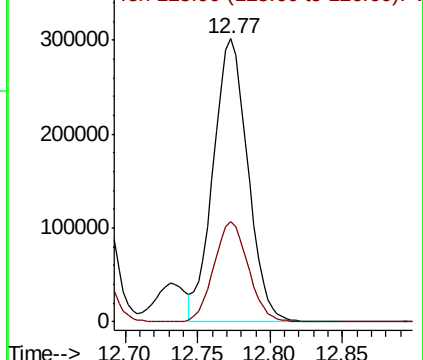
91 100

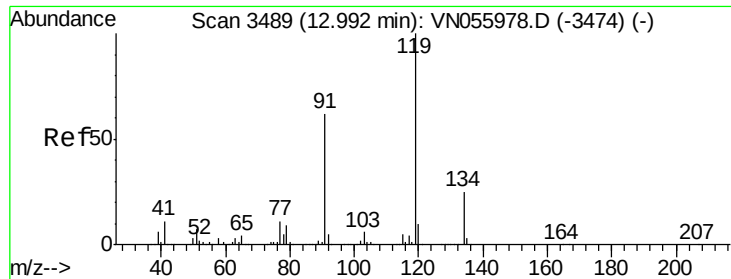
126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

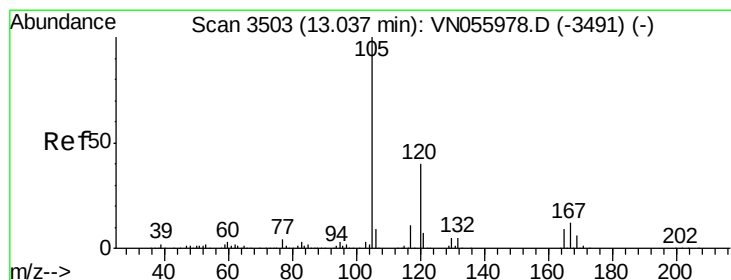
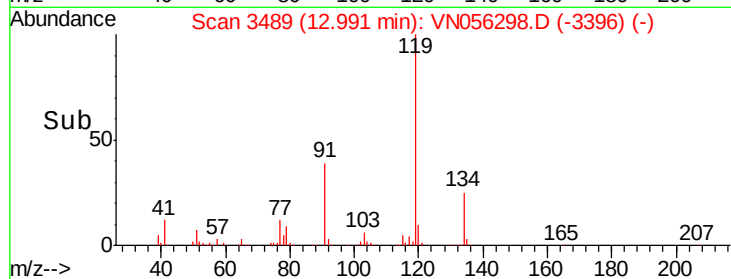
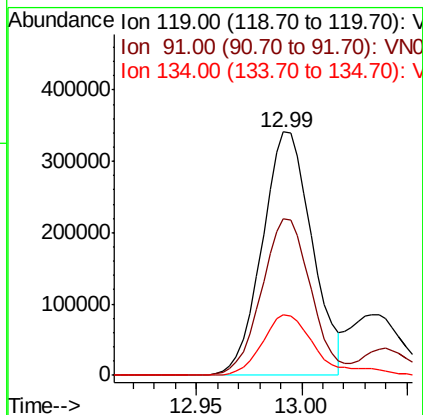
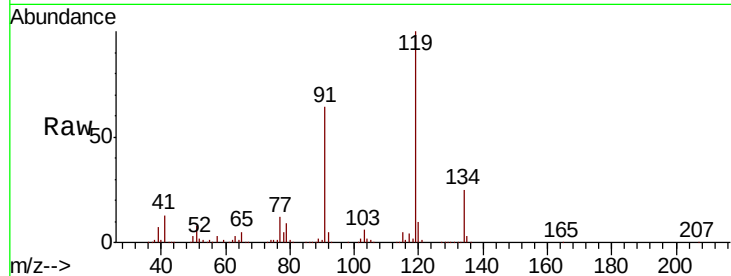




#83
 tert-Butylbenzene
 Concen: 56.591 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

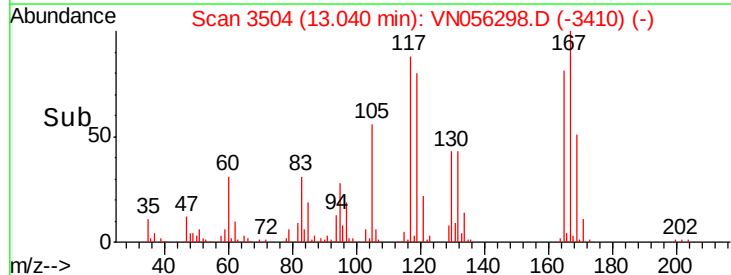
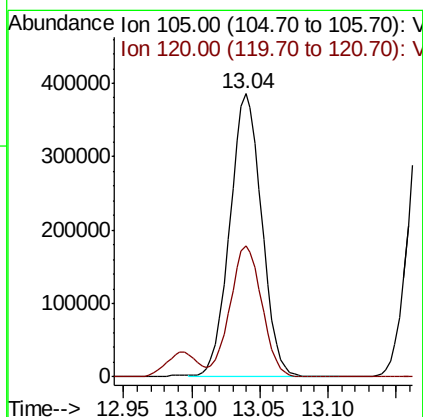
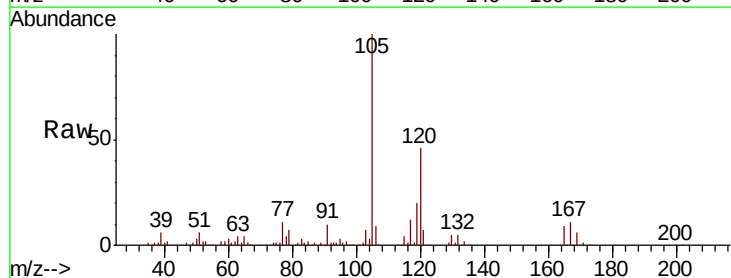
Instrument :
 MSVOA_N
 ClientSampleId :

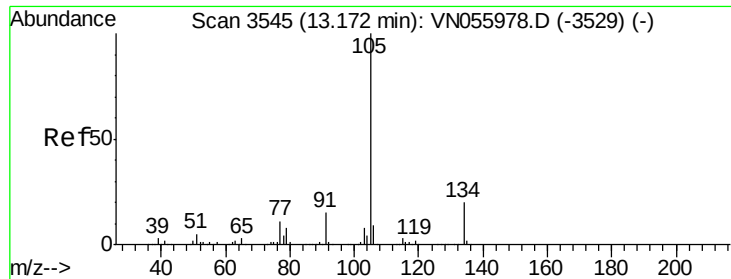
Tot Ion:119 Resp: 560636
 Ion Ratio Lower Upper
 119 100
 91 63.3 30.9 92.8
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.280 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion:105 Resp: 624879
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.084 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

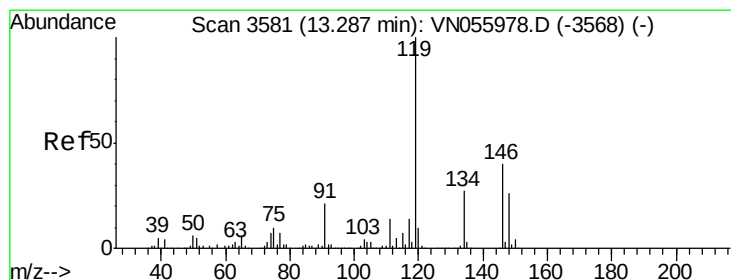
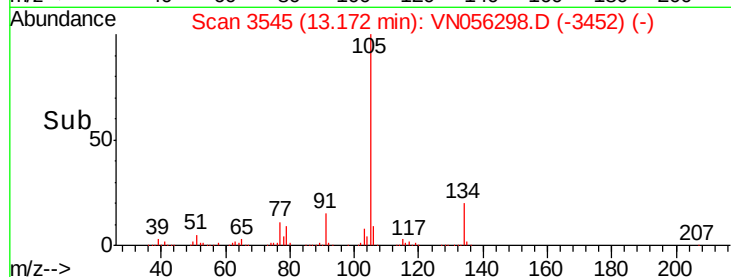
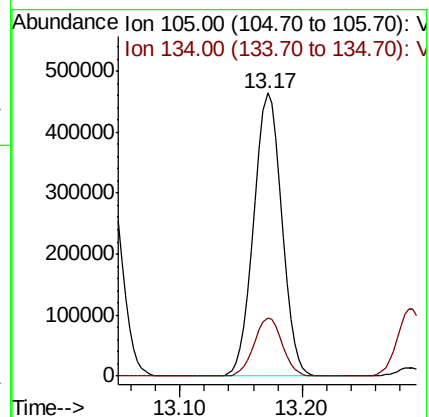
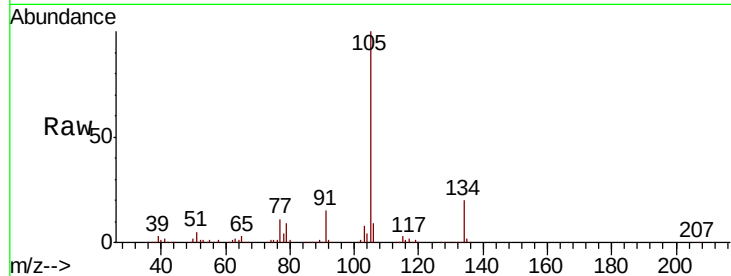
ClientSampleId :

Tot Ion:105 Resp: 731446

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 50.199 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

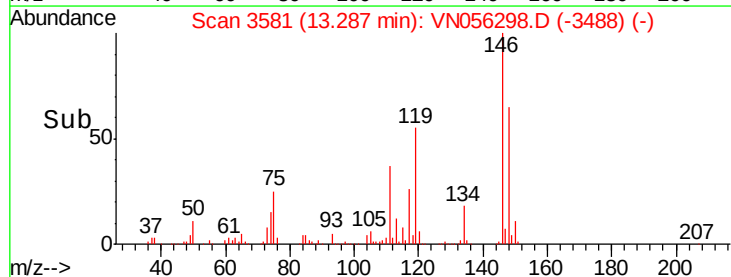
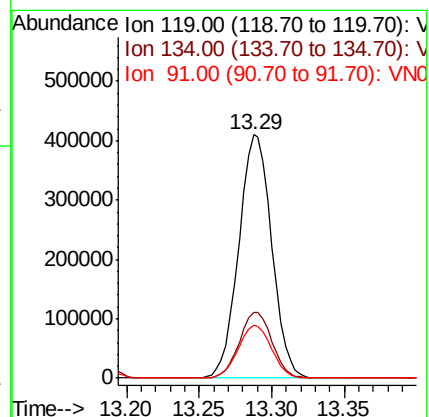
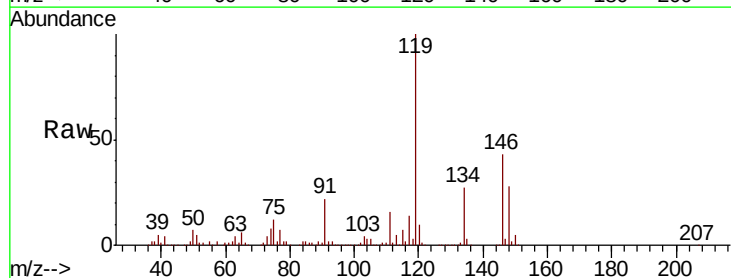
Tgt Ion:119 Resp: 643278

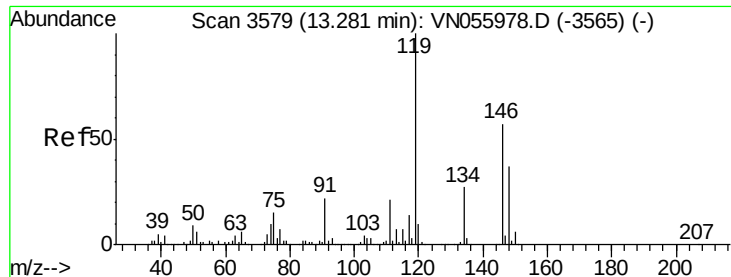
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.352 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

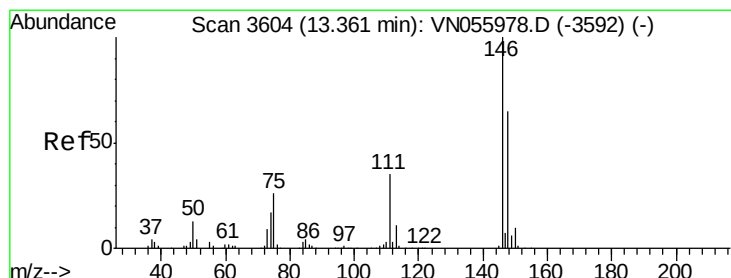
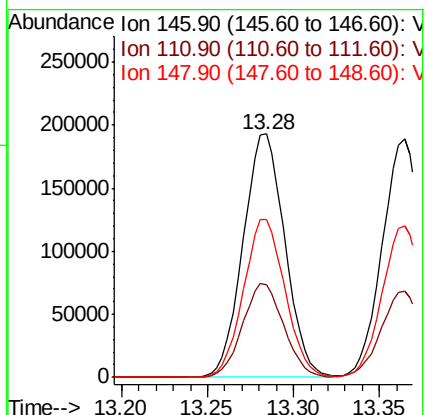
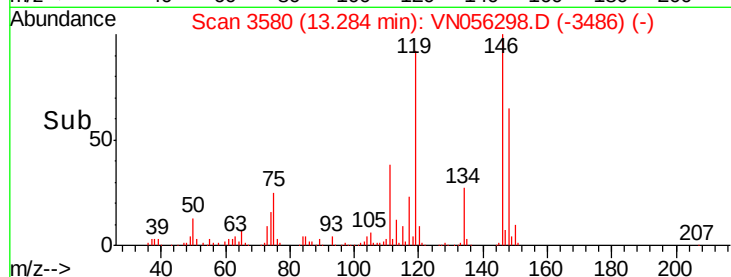
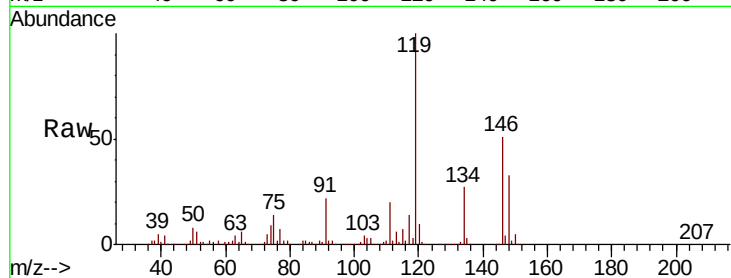
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 325206

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.5	55.5
148	64.7	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 51.391 ug/l

RT: 13.36 min Scan# 3605

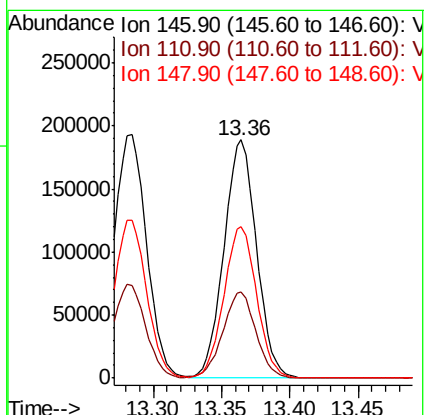
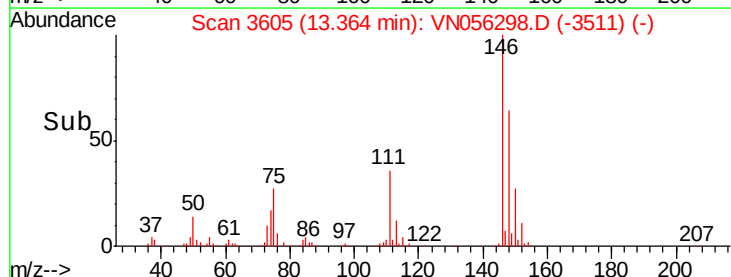
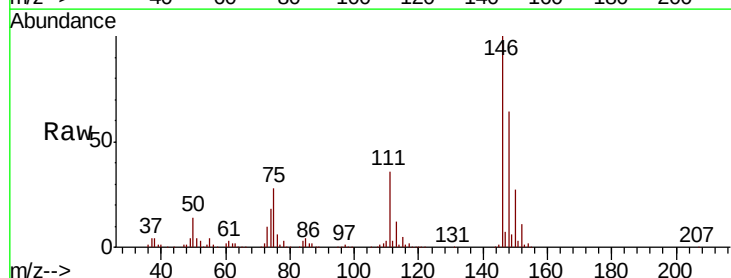
Delta R.T. 0.00 min

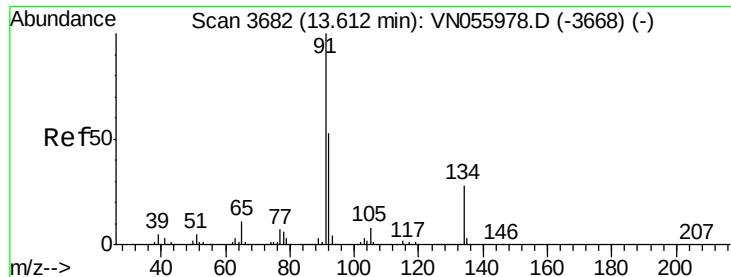
Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:146 Resp: 313070

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.4
148	64.0	32.1	96.5





#89

n-Butylbenzene

Concen: 50.462 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampled :

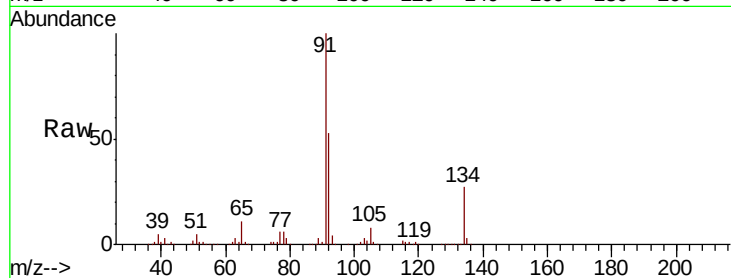
Tot Ion: 91 Resp: 479023

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

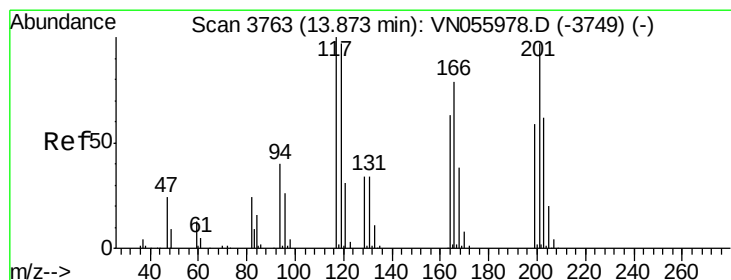
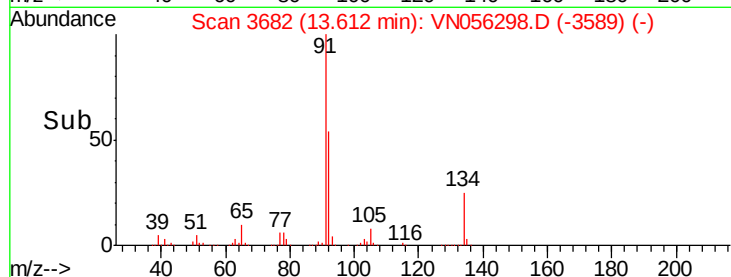
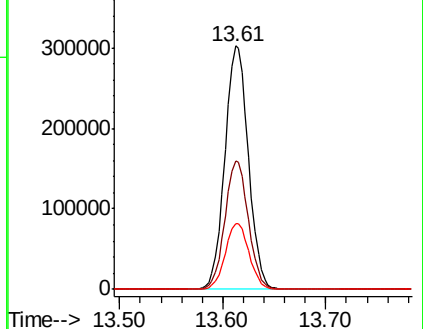
134 27.3 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 57.829 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN056298.D

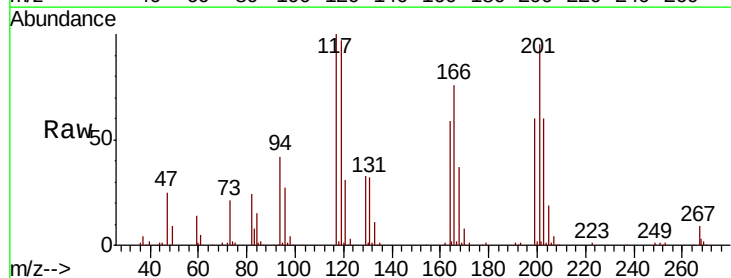
Acq: 13 Jun 2019 21:52

Tgt Ion: 117 Resp: 111758

Ion Ratio Lower Upper

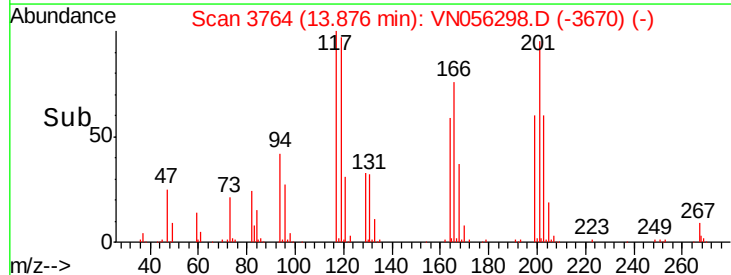
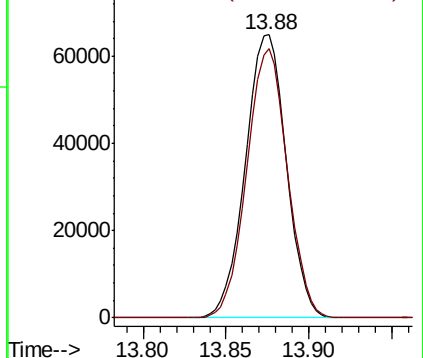
117 100

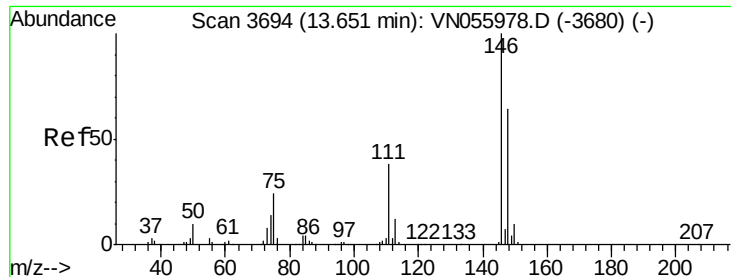
201 94.1 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

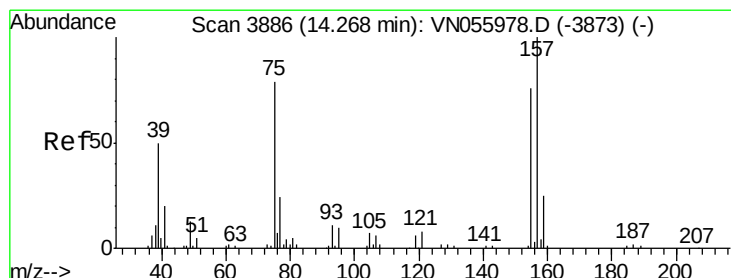
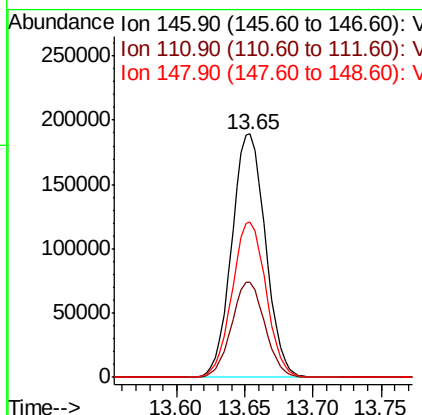
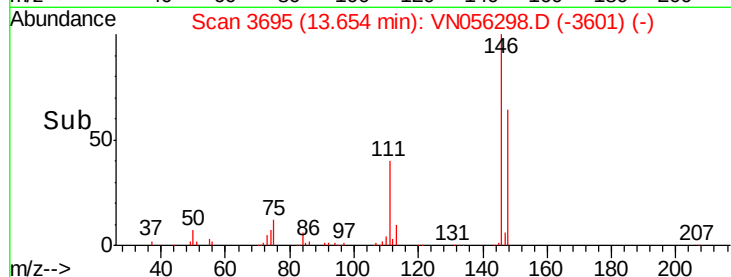
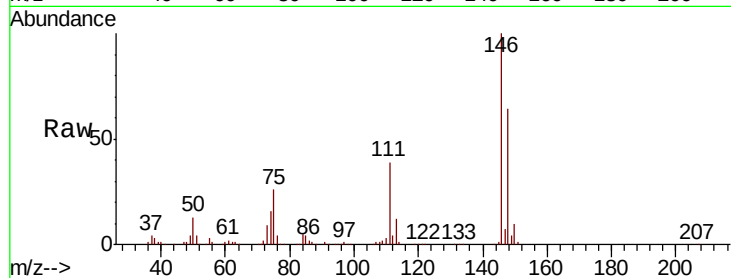




#91
 1,2-Dichlorobenzene
 Concen: 50.910 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

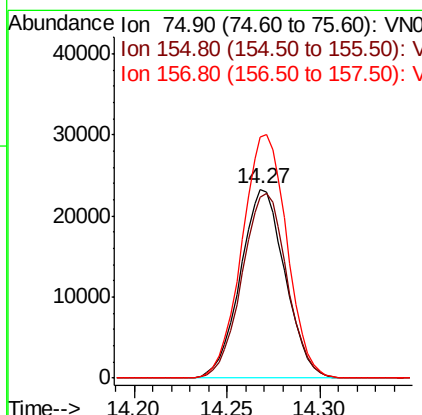
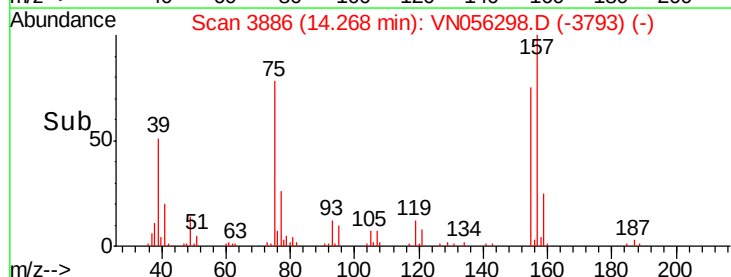
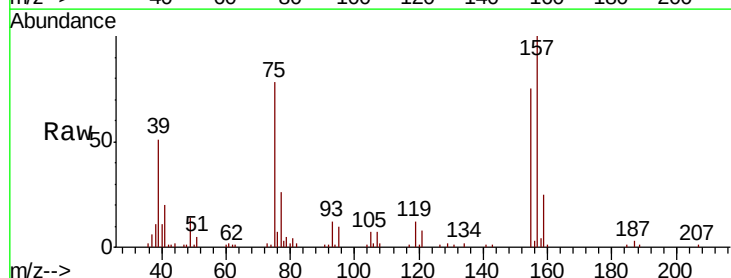
Instrument :
 MSVOA_N
 ClientSampled :

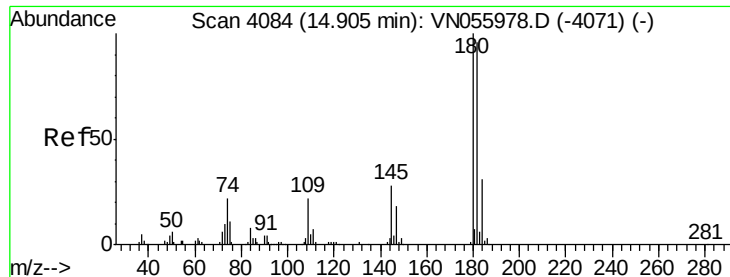
Tot Ion:146 Resp: 325502
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.588 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 75 Resp: 39082
 Ion Ratio Lower Upper
 75 100
 155 98.3 50.0 150.1
 157 130.0 64.8 194.3

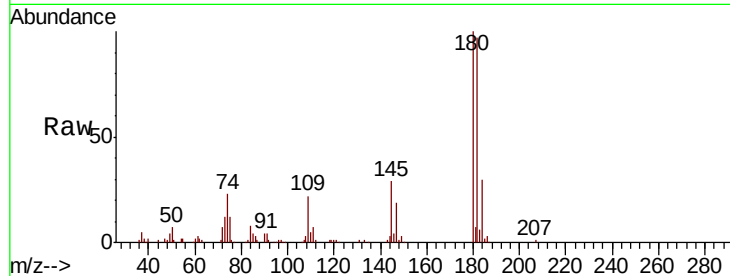




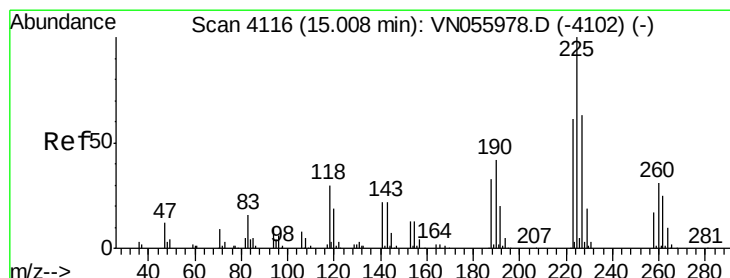
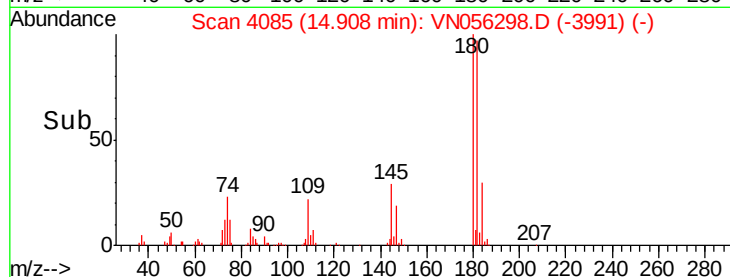
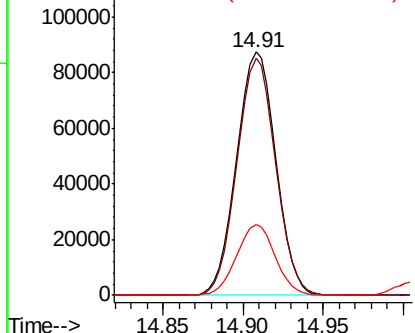
#93
 1,2,4-Trichlorobenzene
 Concen: 42.218 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	28.6	14.0	41.9

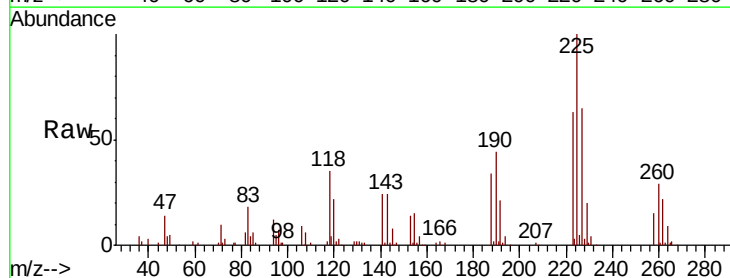


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

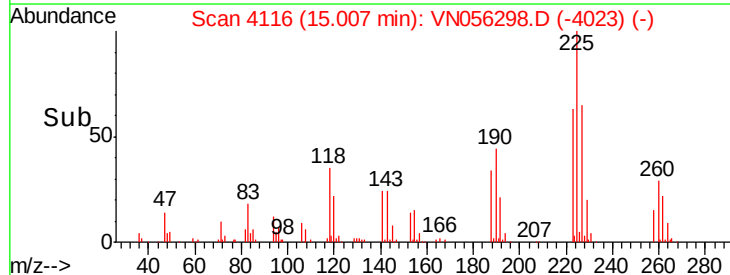
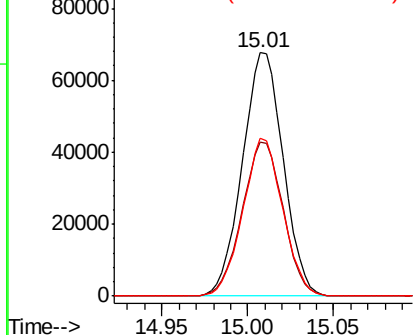


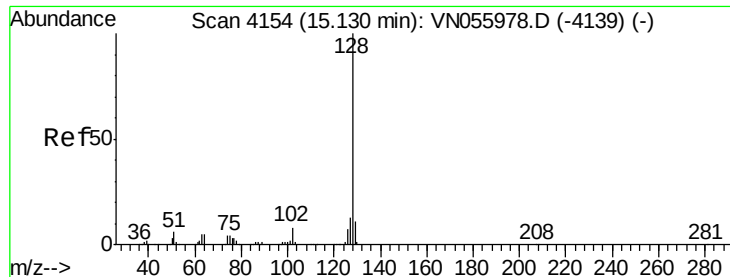
#94
 Hexachlorobutadiene
 Concen: 50.899 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.7
227	63.1	31.6	94.7



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

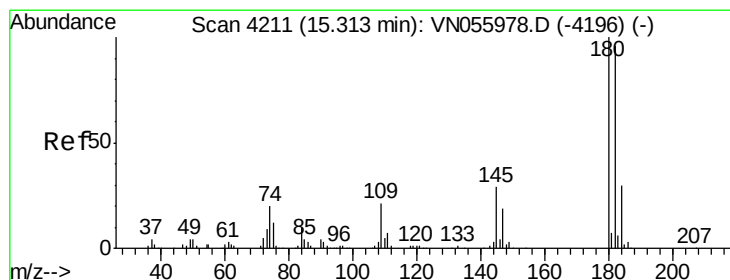
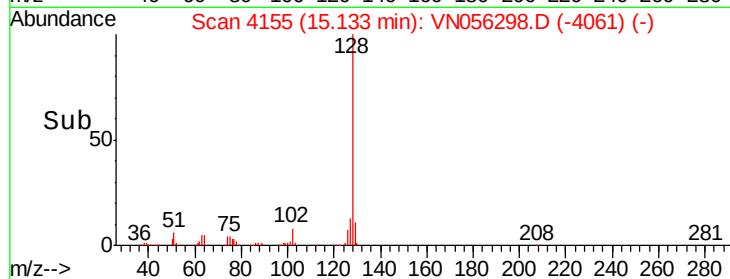
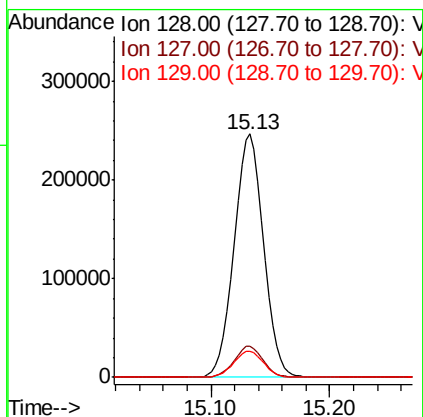
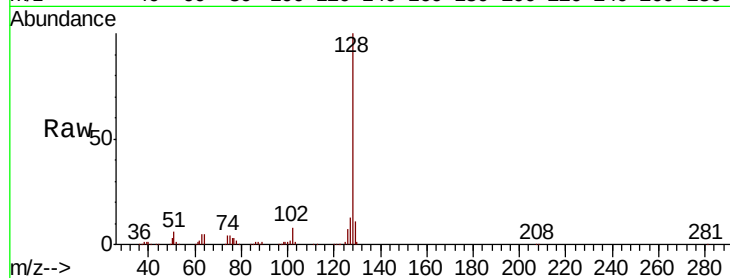




#95
Naphthalene
Concen: 46.503 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 422425
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.549 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:180 Resp: 170168
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 30.0 14.9 44.7

