

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059860.D
 Acq On : 24 Jan 2020 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 25 00:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	261073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125100	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108568	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	7.56	113	91260	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
50) Toluene-d8	10.08	98	335009	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.39	95	121047	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	101194	47.981	ug/l	98
3) Chloromethane	2.04	50	99777	48.741	ug/l	97
4) Vinyl Chloride	2.17	62	128438	54.836	ug/l	98
5) Bromomethane	2.53	94	78521	54.933	ug/l	99
6) Chloroethane	2.68	64	61486	55.487	ug/l	98
7) Trichlorofluoromethane	3.00	101	147567	52.461	ug/l	99
8) Diethyl Ether	3.38	74	57542	58.291	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83664	53.441	ug/l	93
10) Methyl Iodide	3.93	142	141648	55.976	ug/l	95
11) Tert butyl alcohol	4.73	59	90522	270.799	ug/l	99
12) 1,1-Dichloroethene	3.72	96	85381	52.193	ug/l	88
13) Acrolein	3.58	56	89662	378.915	ug/l	96
14) Allyl chloride	4.29	41	113499	51.474	ug/l #	82
15) Acrylonitrile	4.94	53	221776	290.848	ug/l	100
16) Acetone	3.78	43	198749	295.275	ug/l	95
17) Carbon Disulfide	4.03	76	216071	46.366	ug/l	98
18) Methyl Acetate	4.29	43	142646	61.501	ug/l #	90
19) Methyl tert-butyl Ether	5.01	73	305167	57.215	ug/l	95
20) Methylene Chloride	4.52	84	99679	55.631	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	90309	51.934	ug/l	90
22) Diisopropyl ether	5.91	45	272062	54.446	ug/l #	96
23) Vinyl Acetate	5.86	43	908779	234.900	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	166914	54.668	ug/l	96
25) 2-Butanone	6.80	43	290003	257.901	ug/l #	89
26) 2,2-Dichloropropane	6.80	77	144806	49.333	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	110717	55.357	ug/l	86
28) Bromochloromethane	7.17	49	61964	50.777	ug/l #	68
29) Tetrahydrofuran	7.18	42	187143	268.986	ug/l #	85
30) Chloroform	7.35	83	180814	57.156	ug/l	98
31) Cyclohexane	7.63	56	129849	44.197	ug/l	90
32) 1,1,1-Trichloroethane	7.55	97	159257	54.447	ug/l	95
36) 1,1-Dichloropropene	7.77	75	121328	48.545	ug/l	96
37) Ethyl Acetate	6.90	43	119428	50.948	ug/l #	95
38) Carbon Tetrachloride	7.75	117	139829	51.433	ug/l	99

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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 25 00:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	140981	45.748	ug/l	91
40) Benzene	8.02	78	383110	51.399	ug/l	99
41) Methacrylonitrile	7.18	41	175396	151.911	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	139234	55.094	ug/l	96
43) Isopropyl Acetate	8.14	43	211098	52.357	ug/l #	94
44) Trichloroethene	8.82	130	106478	52.329	ug/l	92
45) 1,2-Dichloropropane	9.10	63	98993	53.671	ug/l	100
46) Dibromomethane	9.19	93	72044	55.373	ug/l	91
47) Bromodichloromethane	9.39	83	147513	56.262	ug/l	99
48) Methyl methacrylate	9.18	41	95469	52.936	ug/l	91
49) 1,4-Dioxane	9.18	88	36509	1105.826	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	614621	263.702	ug/l	94
52) Toluene	10.14	92	245904	52.230	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	160199	54.721	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	165490	53.725	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	104691	56.144	ug/l	97
56) Ethyl methacrylate	10.42	69	153477	53.866	ug/l	91
57) 1,3-Dichloropropane	10.70	76	166871	56.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	243461	283.687	ug/l	91
59) 2-Hexanone	10.74	43	452220	263.368	ug/l	94
60) Dibromochloromethane	10.89	129	121520	57.228	ug/l	100
61) 1,2-Dibromoethane	10.99	107	110568	56.574	ug/l	98
64) Tetrachloroethene	10.62	164	138432	65.060	ug/l	96
65) Chlorobenzene	11.43	112	271195	52.849	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	110148	55.552	ug/l	99
67) Ethyl Benzene	11.50	91	469117	50.360	ug/l	97
68) m/p-Xylenes	11.61	106	358431	101.863	ug/l	94
69) o-Xylene	11.94	106	175990	51.087	ug/l	95
70) Styrene	11.96	104	296149	51.375	ug/l	97
71) Bromoform	12.12	173	92849	58.460	ug/l #	99
73) Isopropylbenzene	12.24	105	467268	50.930	ug/l	100
74) N-amyl acetate	12.06	43	180687	50.753	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	148744	55.924	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	193035	91.690	ug/l #	100
77) Bromobenzene	12.52	156	122094	52.550	ug/l	84
78) n-propylbenzene	12.59	91	518916	50.391	ug/l	97
79) 2-Chlorotoluene	12.67	91	309949	50.595	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	390988	50.673	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	53023	54.086	ug/l	93
82) 4-Chlorotoluene	12.77	91	317363	51.649	ug/l	95
83) tert-Butylbenzene	12.99	119	338948	50.791	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	393329	51.526	ug/l	99
85) sec-Butylbenzene	13.17	105	442930	50.518	ug/l	99
86) p-Isopropyltoluene	13.28	119	406735	50.135	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	210328	52.115	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	210601	52.308	ug/l	97
89) n-Butylbenzene	13.61	91	343355	49.637	ug/l	98
90) Hexachloroethane	13.87	117	78677	51.833	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	211493	53.007	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30912	54.328	ug/l	82

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 25 00:31:54 2020
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

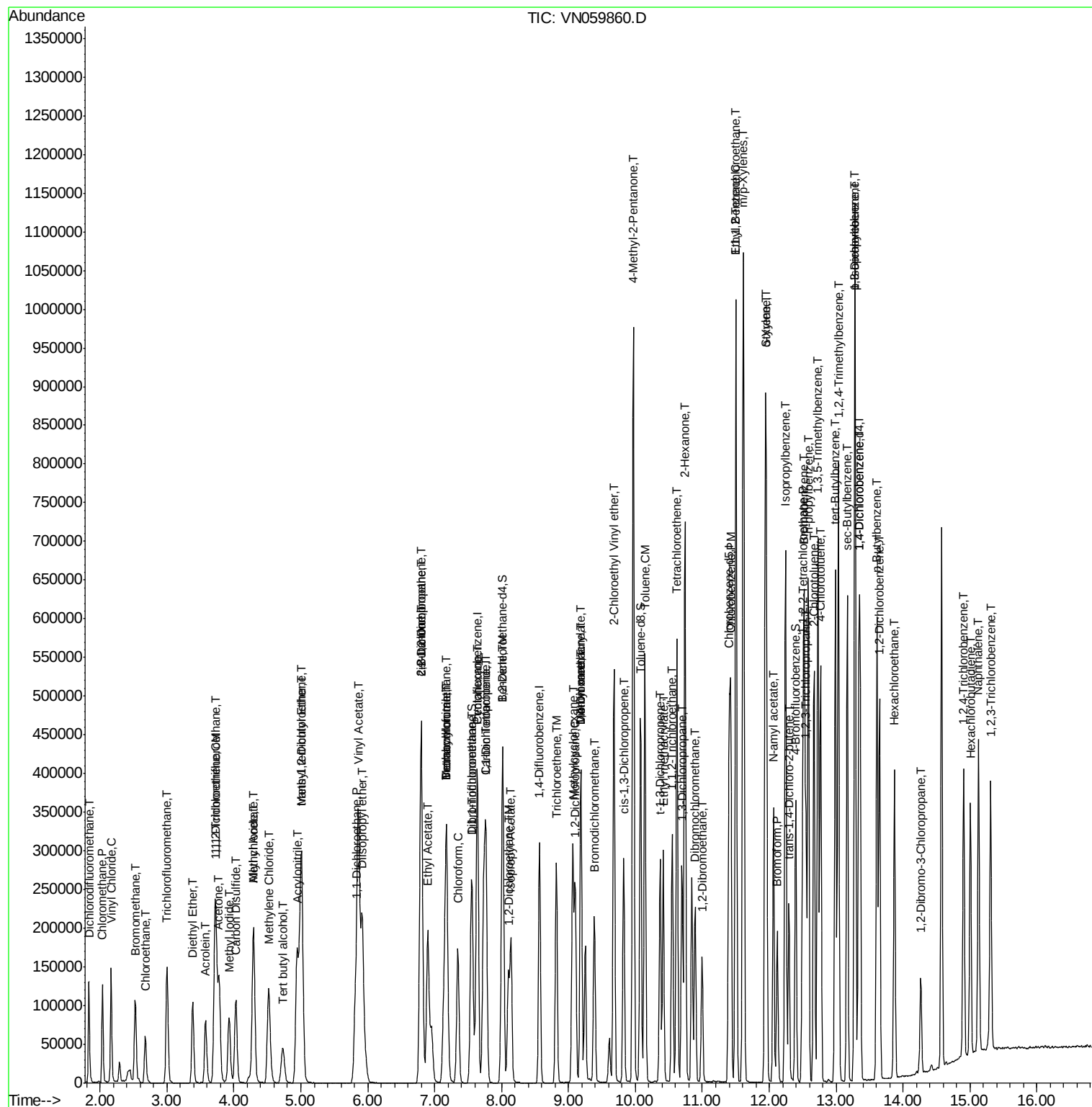
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	124673	52.002	ug/l	100
94) Hexachlorobutadiene	15.00	225	64344	48.703	ug/l	99
95) Naphthalene	15.13	128	349806	51.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	120128	51.477	ug/l	99

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

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jan 25 00:31:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

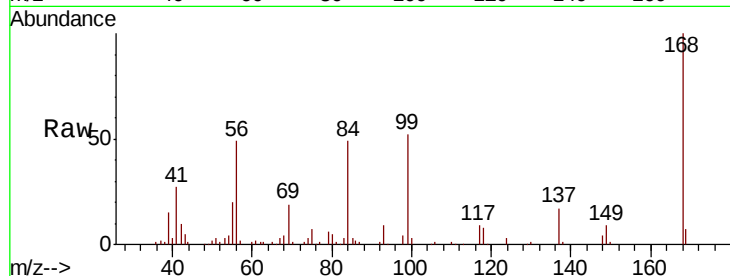
ClientSampleId :

Tot Ion:168 Resp: 178805

Ion Ratio Lower Upper

168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

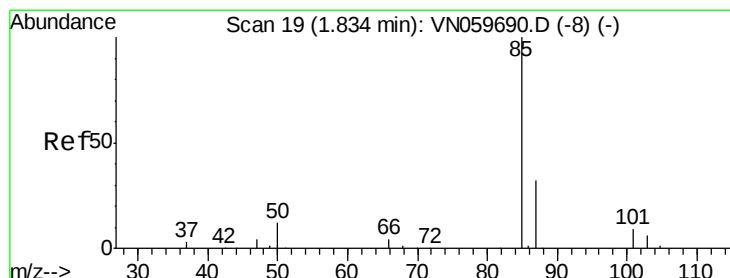
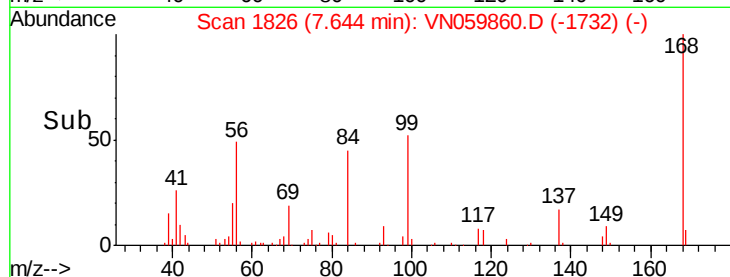
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.981 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059860.D

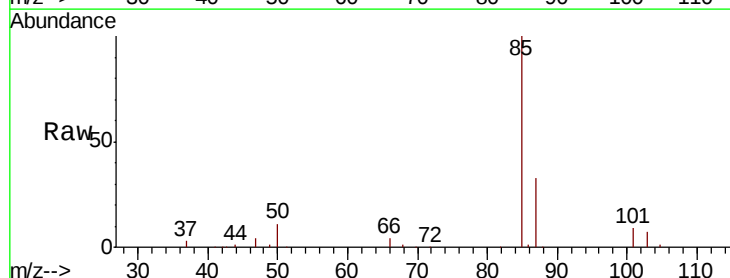
Acq: 24 Jan 2020 20:58

Tgt Ion: 85 Resp: 101194

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

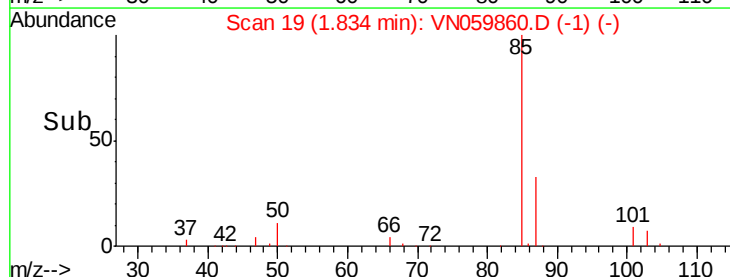
40000

20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.741 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

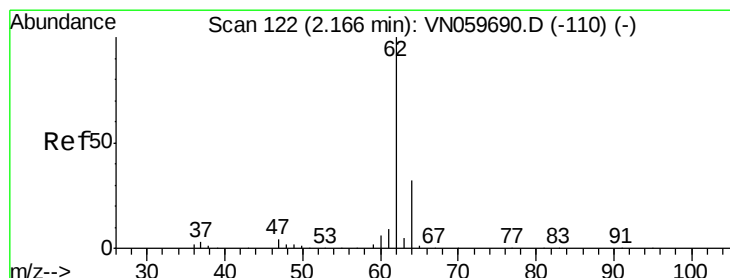
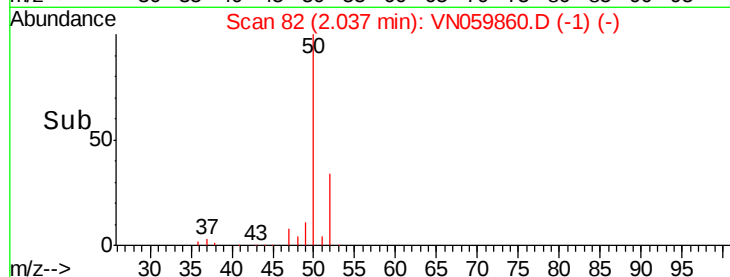
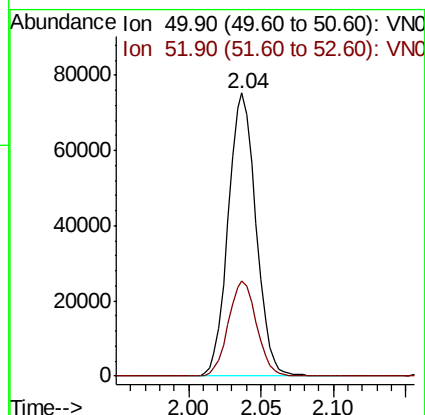
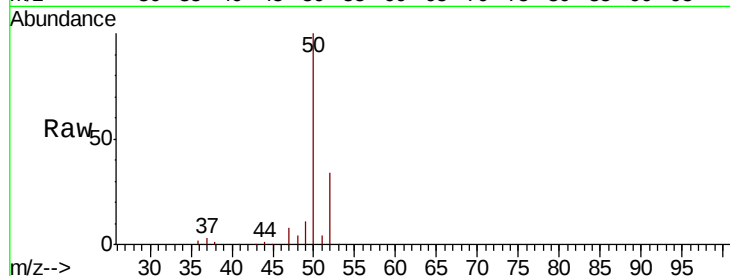
ClientSampleId :

Tot Ion: 50 Resp: 99777

Ion Ratio Lower Upper

50 100

52 33.8 25.9 38.9



#4

Vinyl Chloride

Concen: 54.836 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059860.D

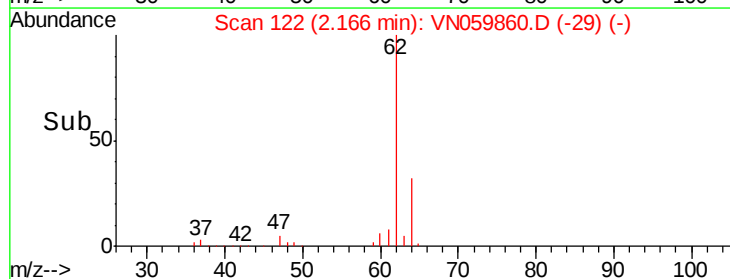
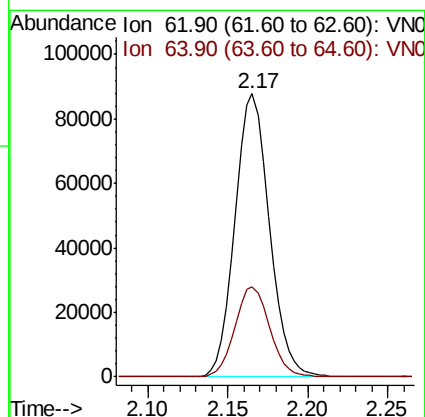
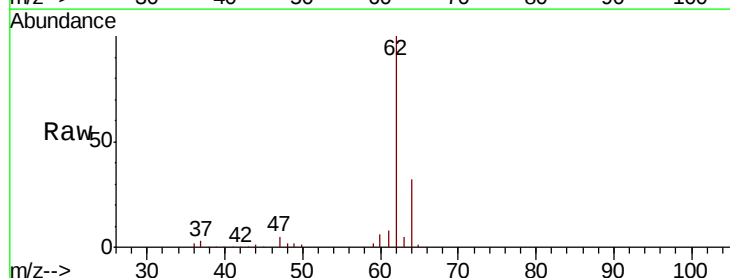
Acq: 24 Jan 2020 20:58

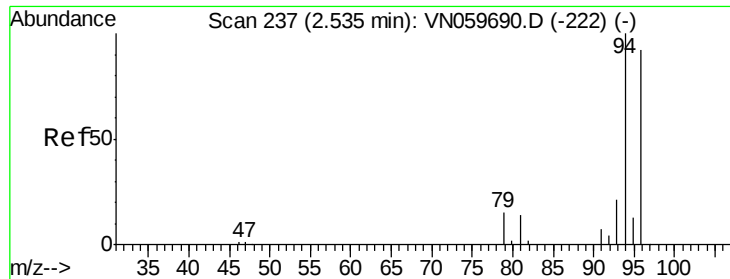
Tgt Ion: 62 Resp: 128438

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0

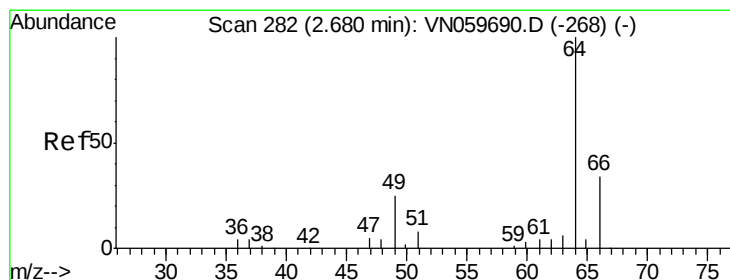
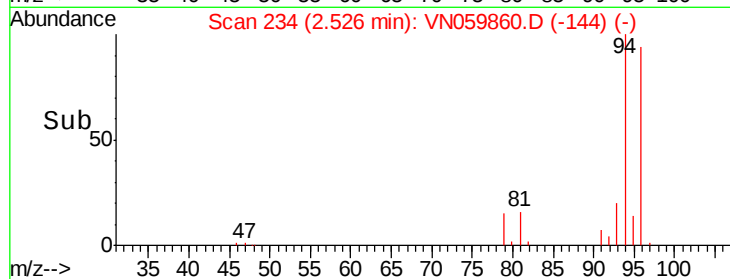
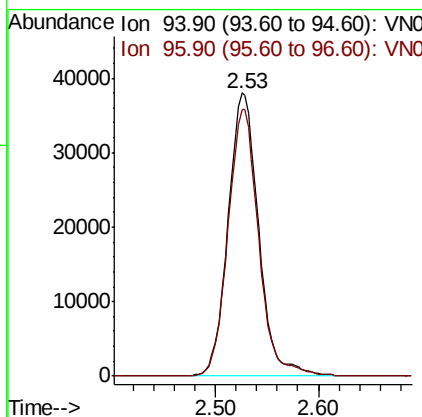
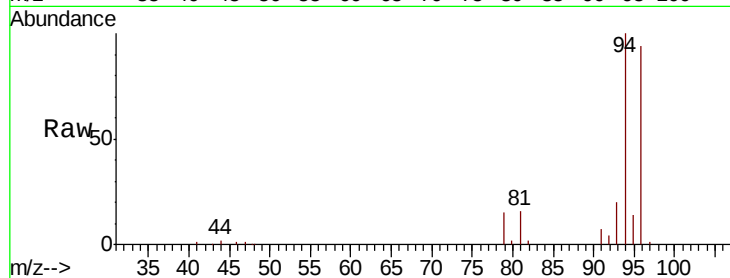




#5
Bromomethane
Concen: 54.933 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

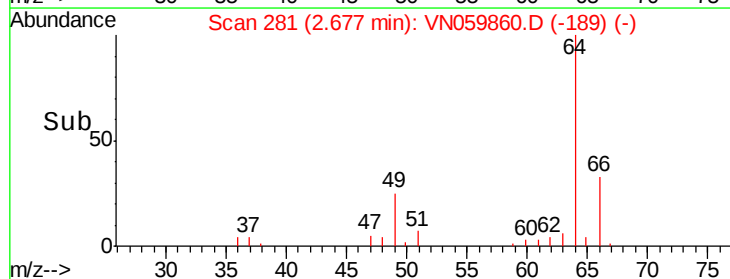
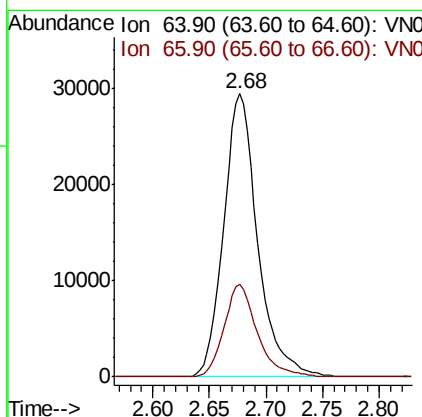
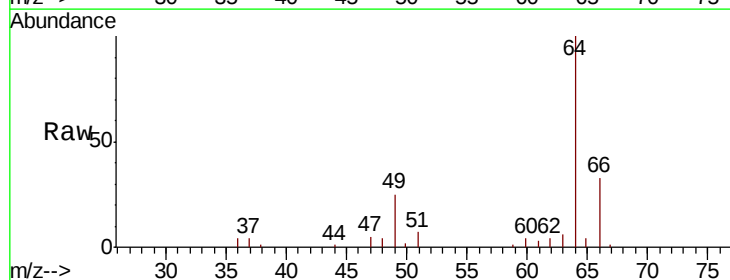
Instrument :
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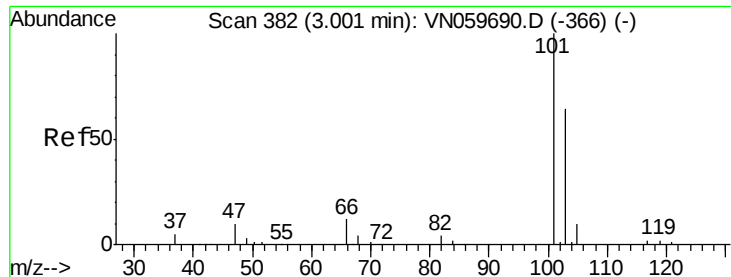
Tot Ion: 94 Resp: 78521
Ion Ratio Lower Upper
94 100
96 94.0 74.7 112.1



#6
Chloroethane
Concen: 55.487 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 64 Resp: 61486
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7



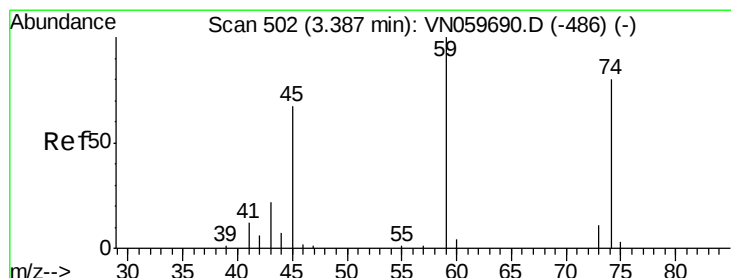
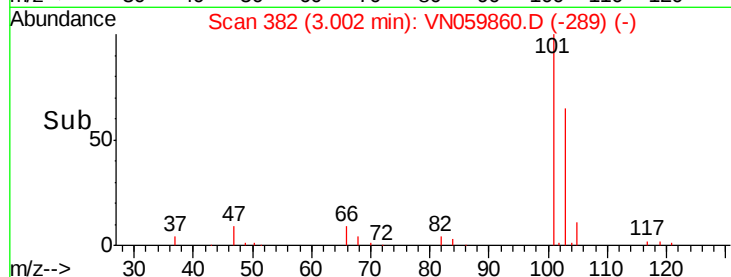
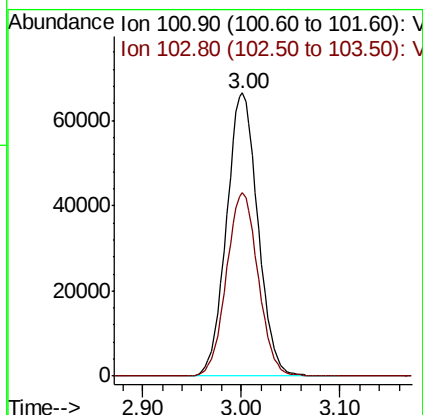
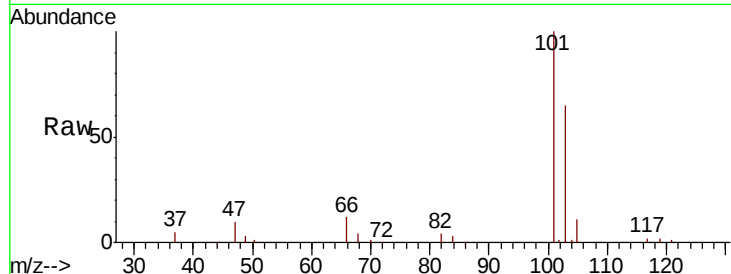


#7

Trichlorofluoromethane
Concen: 52.461 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampleId :

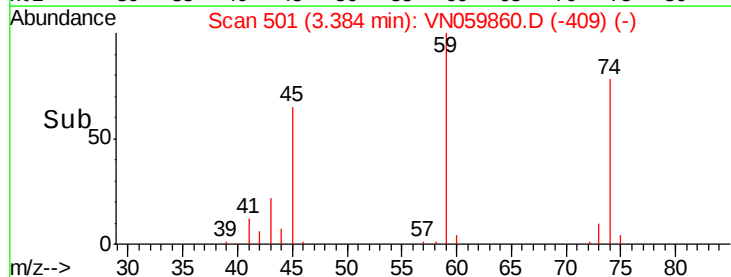
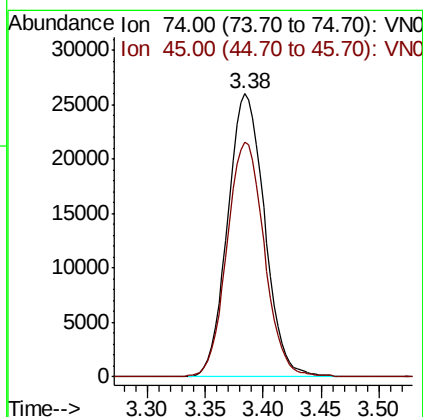
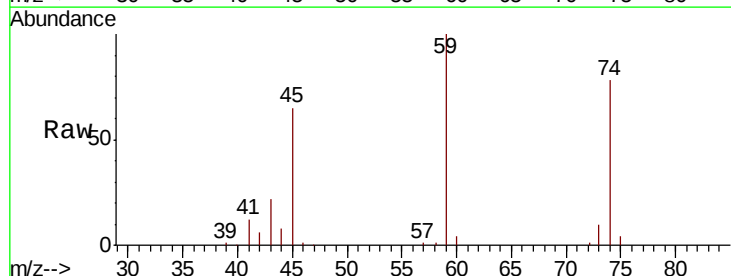
Tot Ion:101 Resp: 147567
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6



#8

Diethyl Ether
Concen: 58.291 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 74 Resp: 57542
Ion Ratio Lower Upper
74 100
45 83.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.441 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

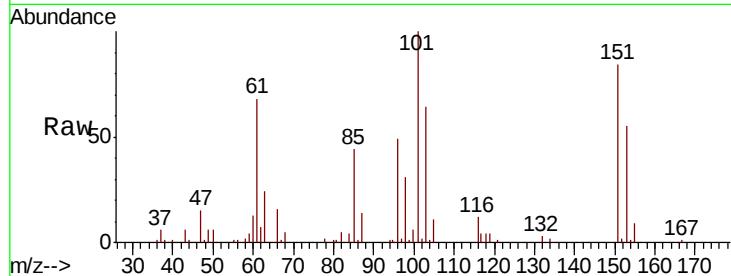
Tot Ion:101 Resp: 83664

Ion Ratio Lower Upper

101 100

85 43.4 36.6 54.8

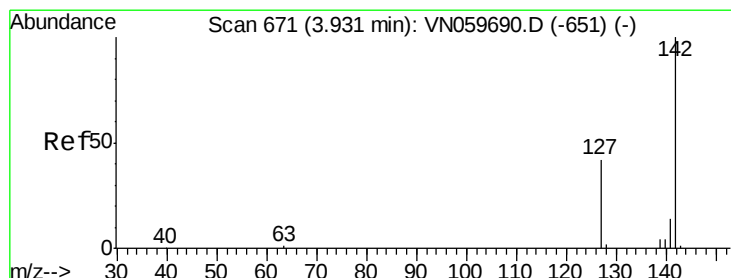
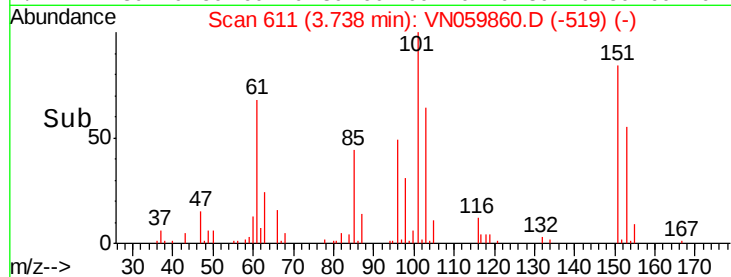
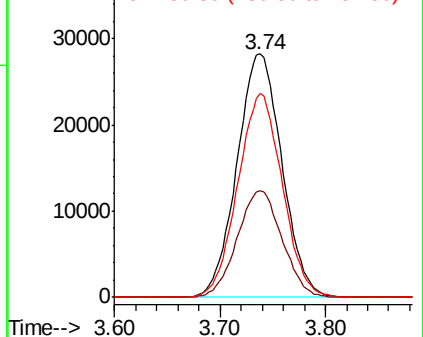
151 82.9 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.976 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

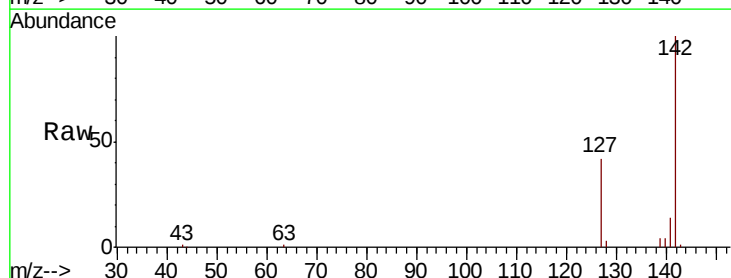
Tgt Ion:142 Resp: 141648

Ion Ratio Lower Upper

142 100

127 41.5 36.7 55.1

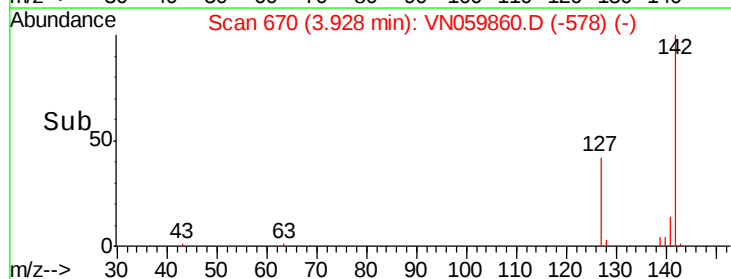
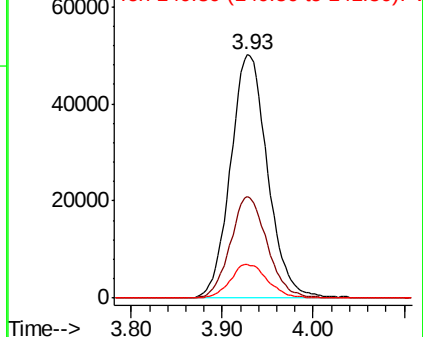
141 14.1 11.7 17.5

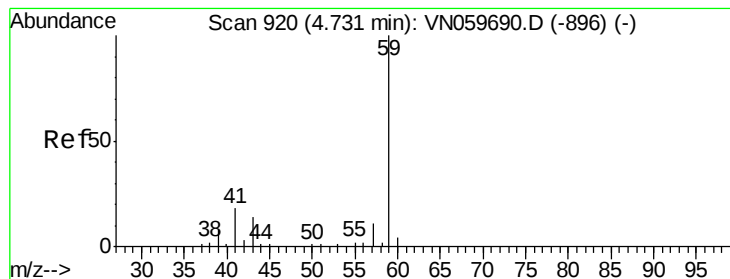


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



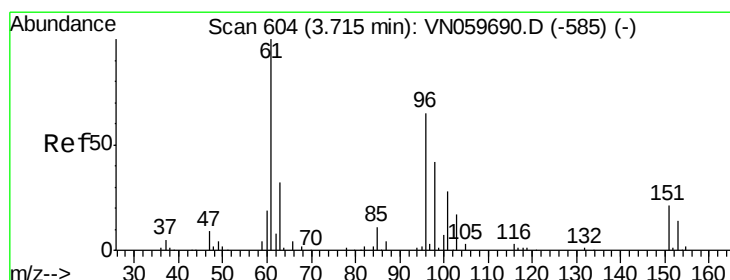
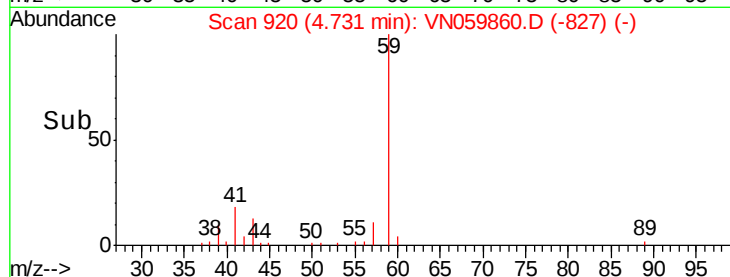
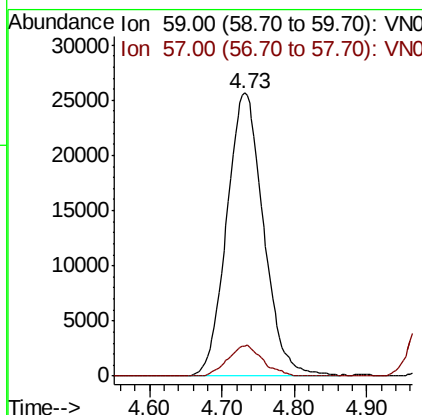
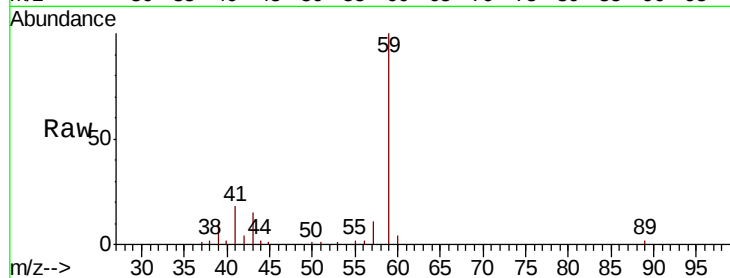


#11

Tert butyl alcohol
 Concen: 270.799 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Instrument :
 MSVOA_N
 ClientSampled :

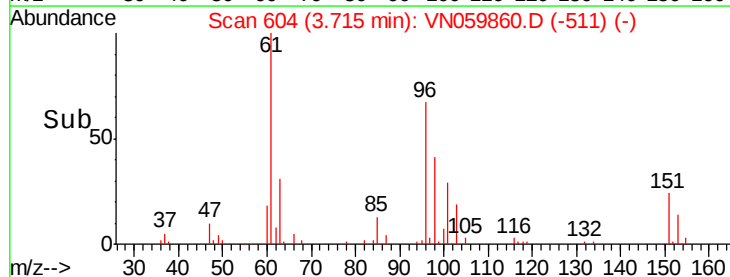
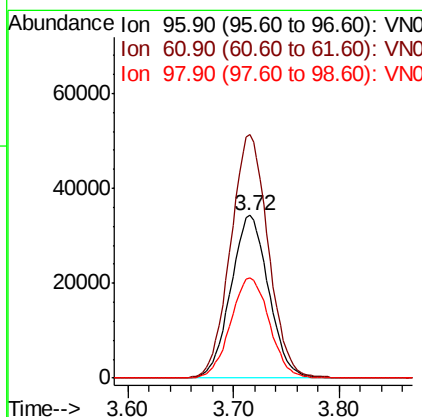
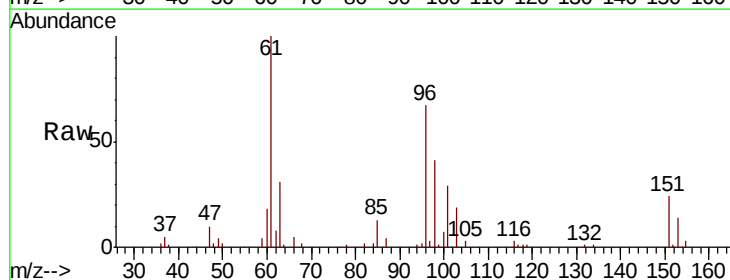
Tot Ion: 59 Resp: 90522
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

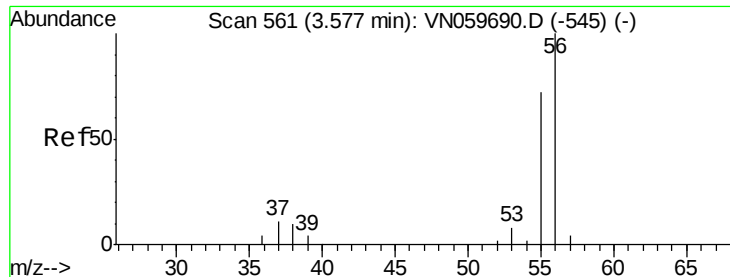


#12

1,1-Dichloroethene
 Concen: 52.193 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 96 Resp: 85381
 Ion Ratio Lower Upper
 96 100
 61 149.1 137.5 206.3
 98 61.9 50.2 75.4





#13

Acrolein

Concen: 378.915 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

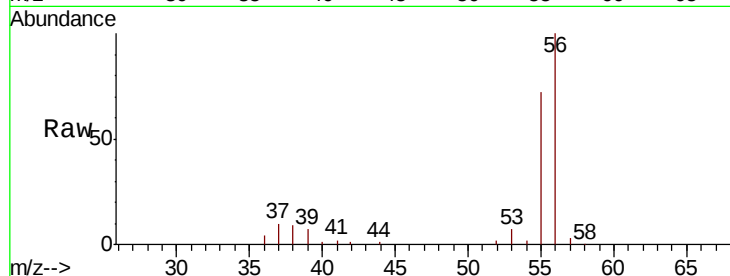
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 89662

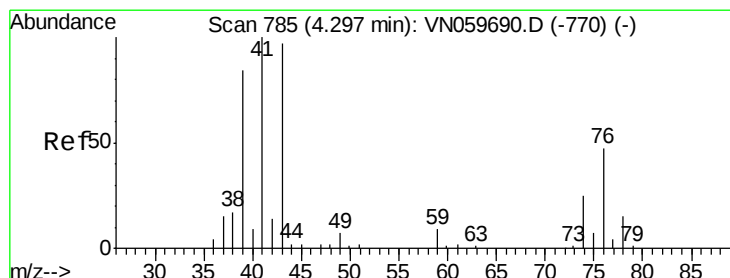
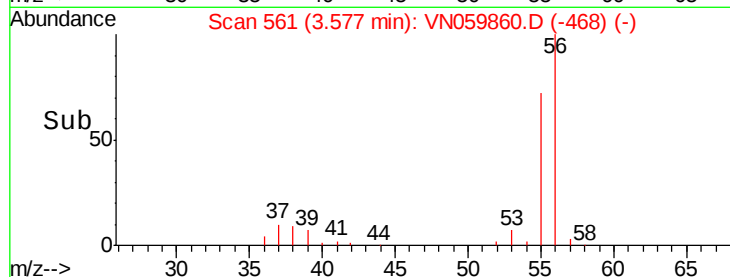
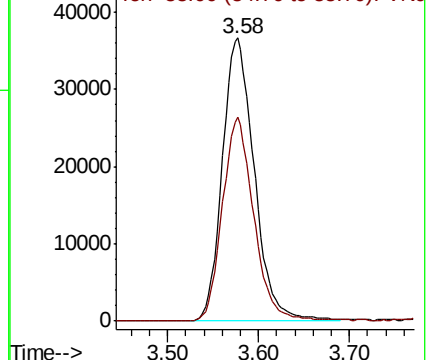
Ion Ratio Lower Upper

56 100

55 70.2 58.6 88.0



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



#14

Allyl chloride

Concen: 51.474 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

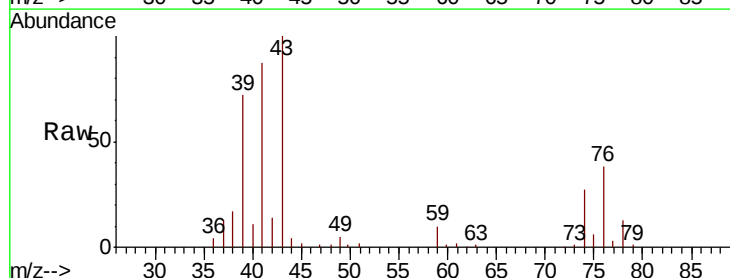
Tgt Ion: 41 Resp: 113499

Ion Ratio Lower Upper

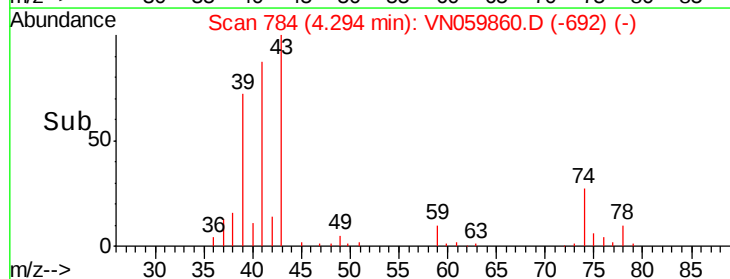
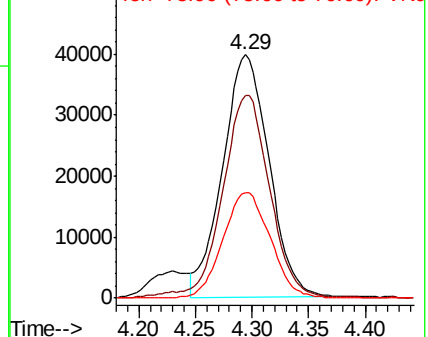
41 100

39 85.4 57.8 86.8

76 44.6 25.4 38.0#



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: 290.848 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

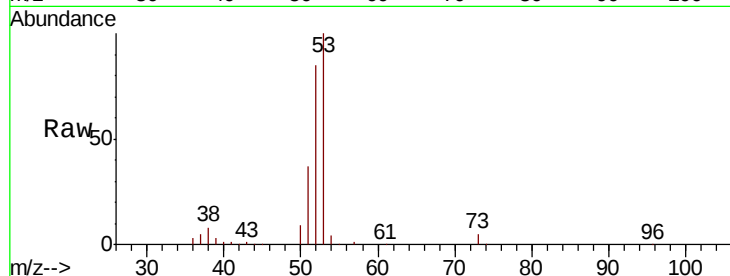
Tot Ion: 53 Resp: 221776

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

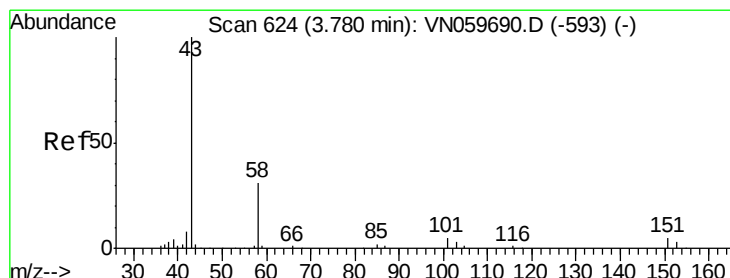
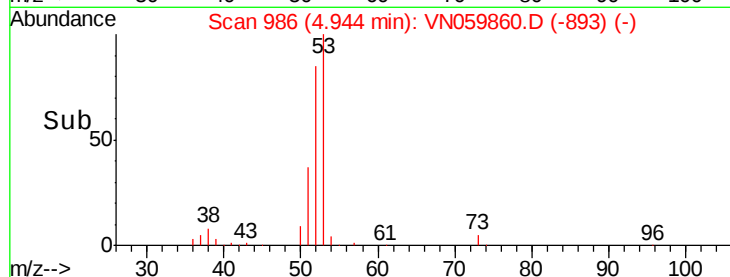
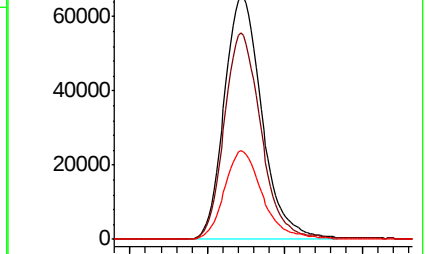
51 36.9 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059860.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN059860.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN059860.D (-964) (-)



#16

Acetone

Concen: 295.275 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059860.D

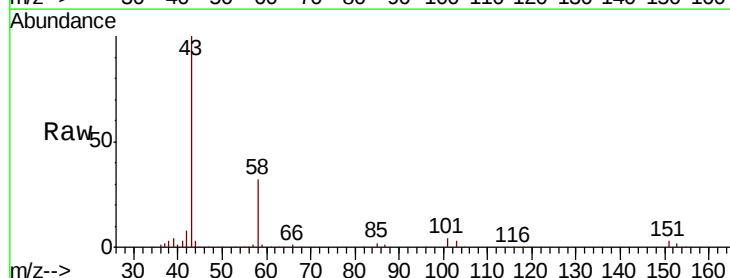
Acq: 24 Jan 2020 20:58

Tgt Ion: 43 Resp: 198749

Ion Ratio Lower Upper

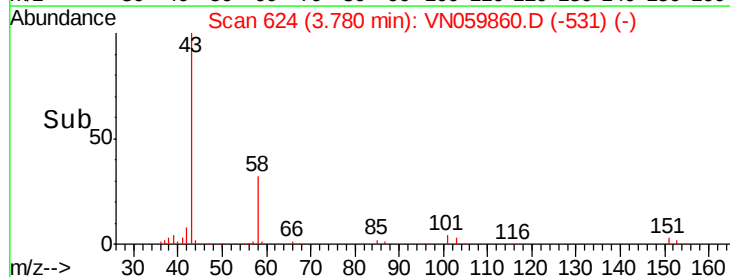
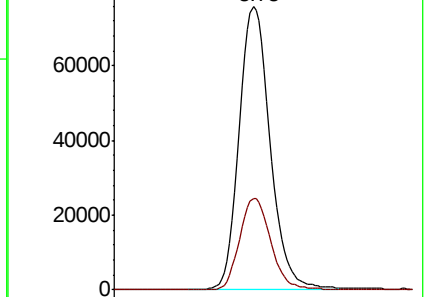
43 100

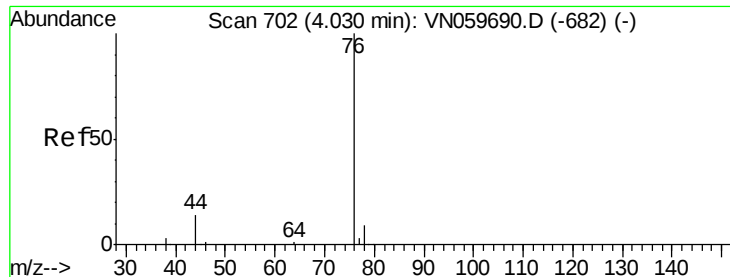
58 32.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059860.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059860.D (-593) (-)

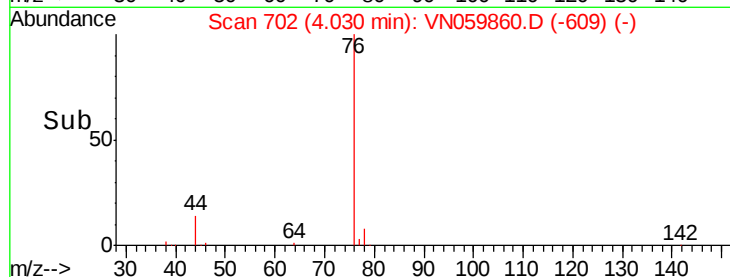
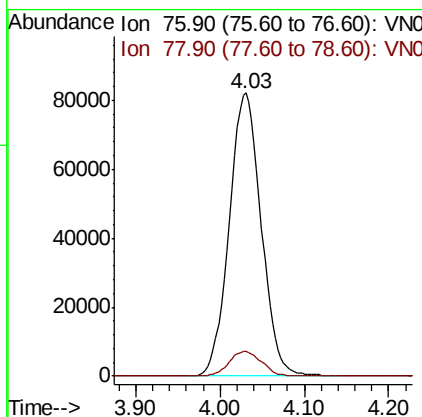
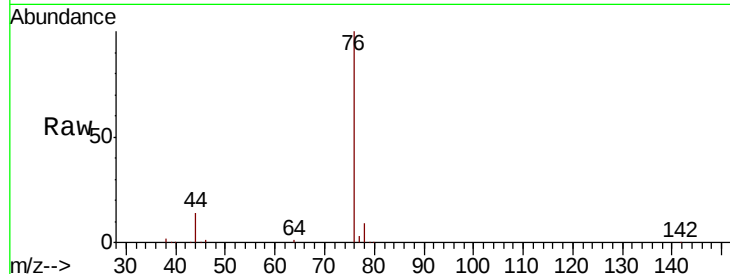




#17
Carbon Disulfide
Concen: 46.366 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

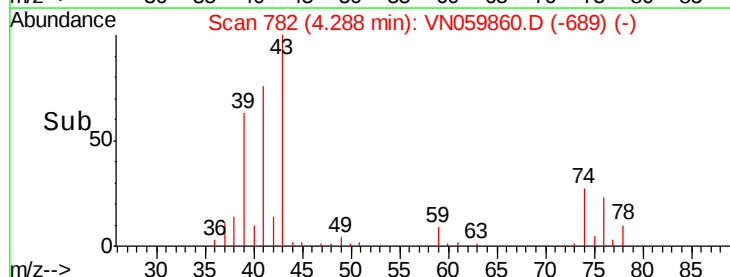
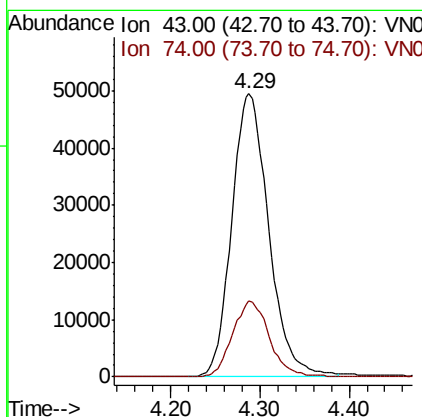
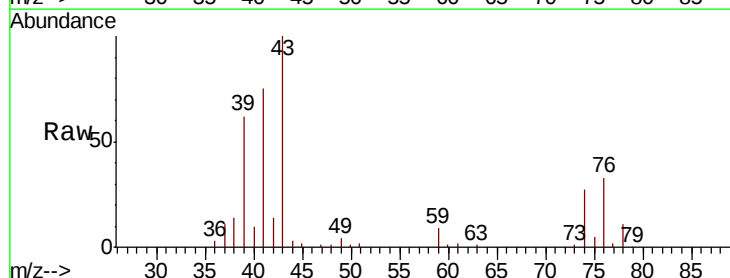
Instrument :
MSVOA_N
ClientSampleId :

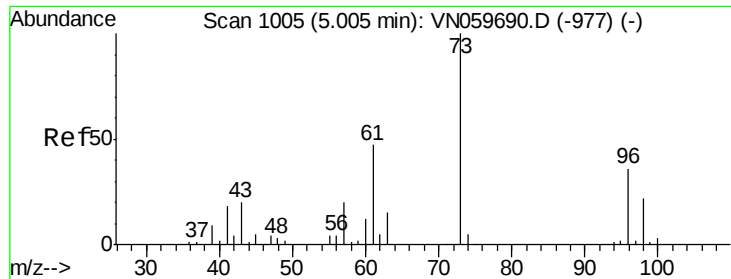
Tot Ion: 76 Resp: 216071
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 61.501 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 43 Resp: 142646
Ion Ratio Lower Upper
43 100
74 26.5 17.5 26.3#

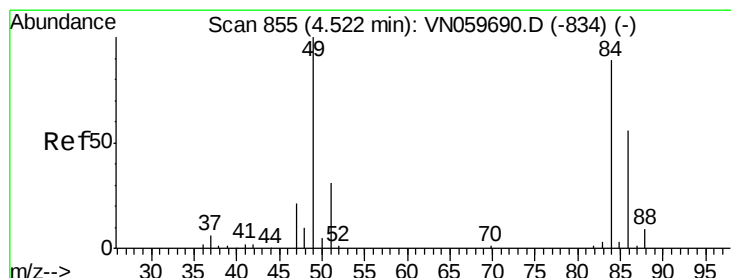
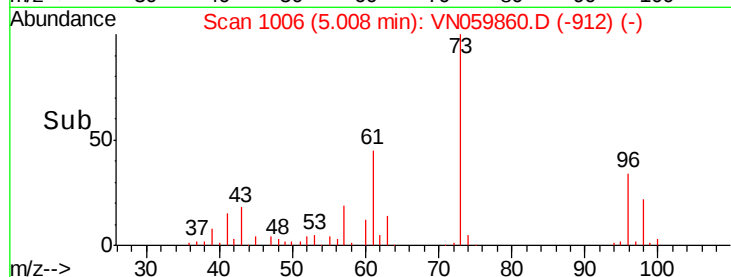
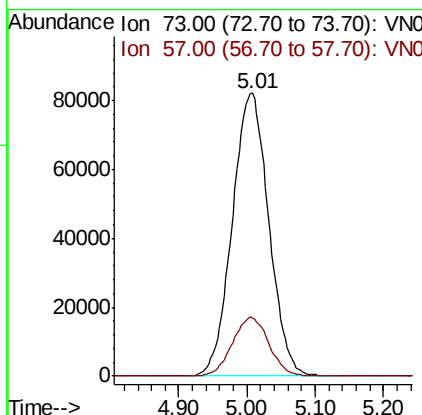
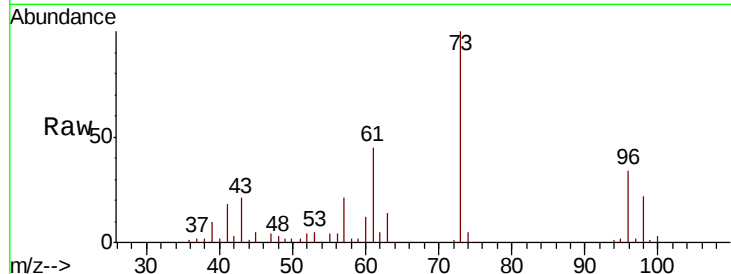




#19
Methvl tert-butvl Ether
Concen: 57.215 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

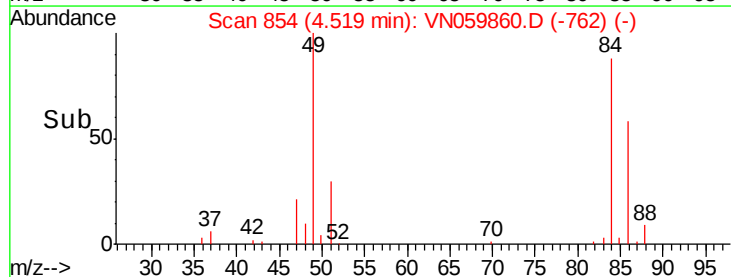
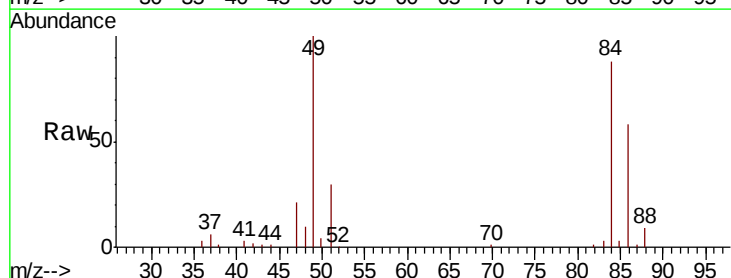
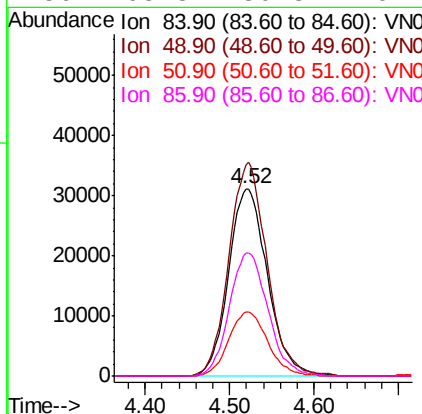
Instrument :
MSVOA_N
ClientSampleId :

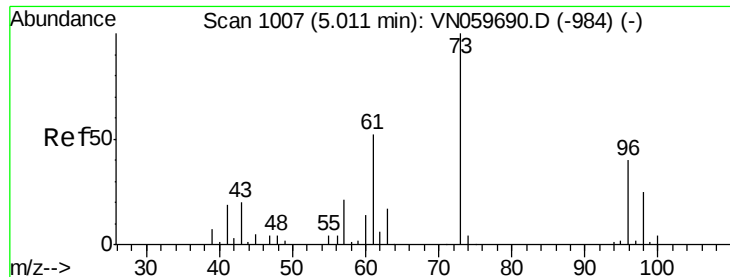
Tot Ion: 73 Resp: 305167
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8



#20
Methylene Chloride
Concen: 55.631 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 84 Resp: 99679
Ion Ratio Lower Upper
84 100
49 113.1 106.6 160.0
51 34.1 31.9 47.9
86 65.8 50.8 76.2



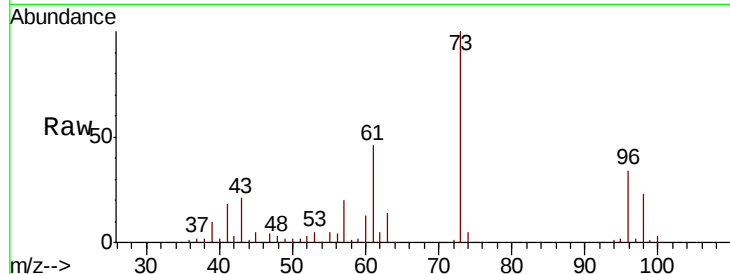


#21

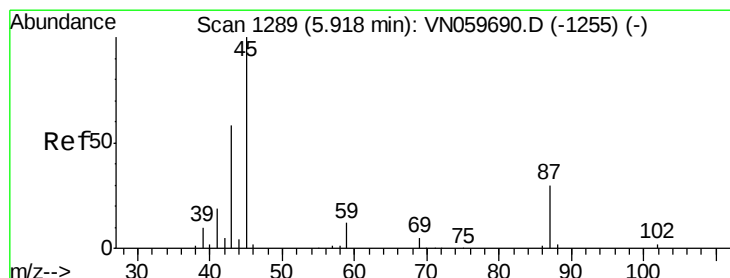
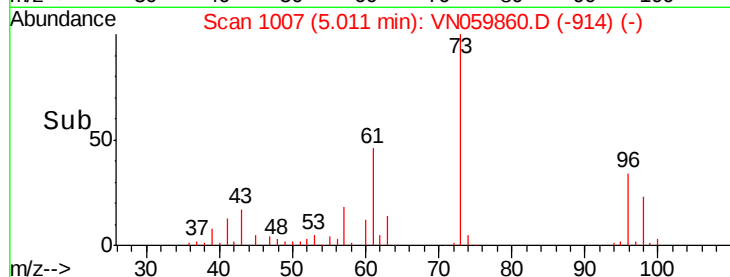
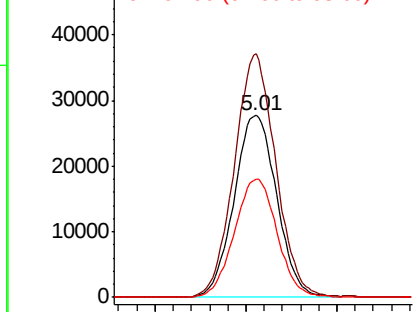
trans-1,2-Dichloroethene
Concen: 51.934 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 90309
Ion Ratio Lower Upper
96 100
61 134.0 120.4 180.6
98 65.3 50.6 75.8



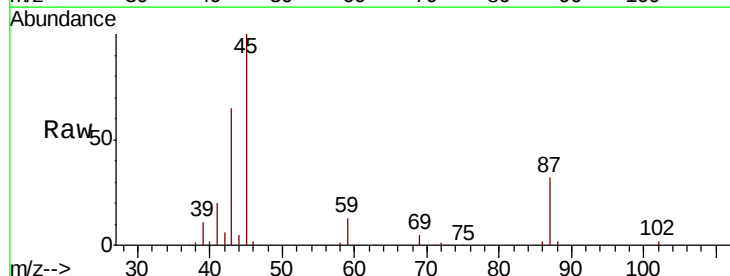
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



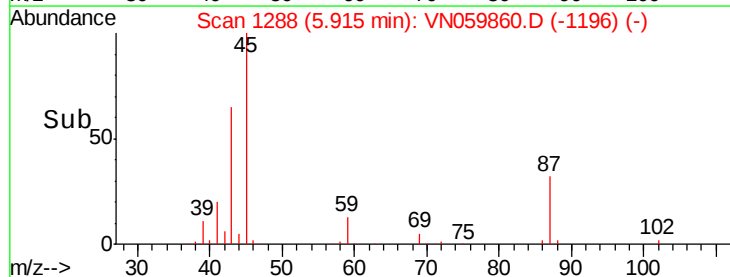
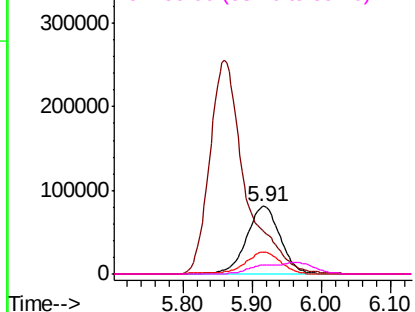
#22

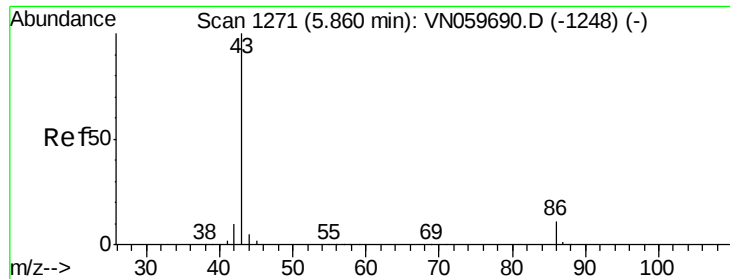
Diisopropyl ether
Concen: 54.446 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 45 Resp: 272062
Ion Ratio Lower Upper
45 100
43 64.0 50.8 76.2
87 32.5 21.0 31.6#
59 12.4 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

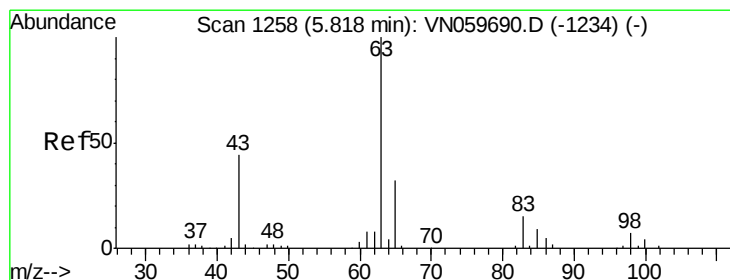
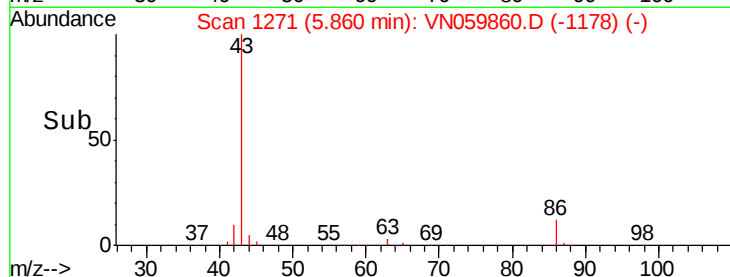
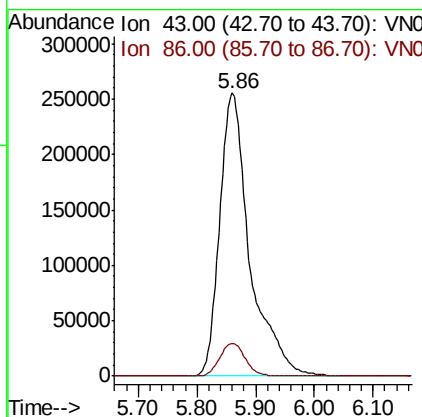
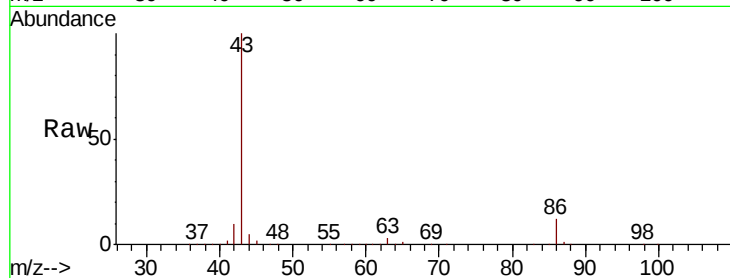




#23
 Vinyl Acetate
 Concen: 234.900 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

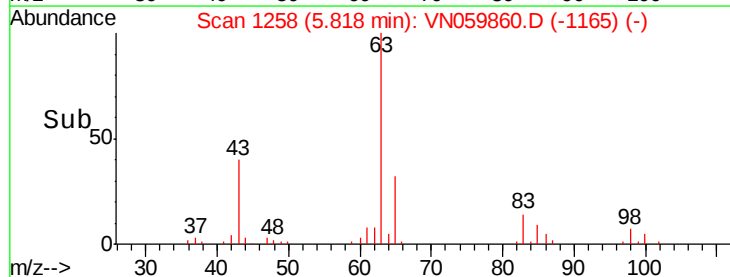
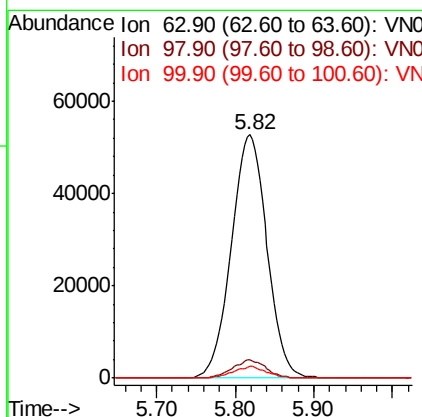
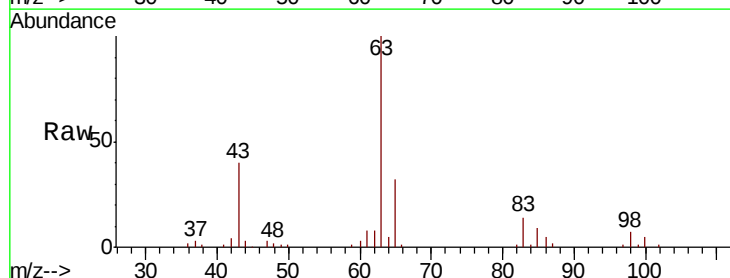
Instrument :
 MSVOA_N
 ClientSampled :

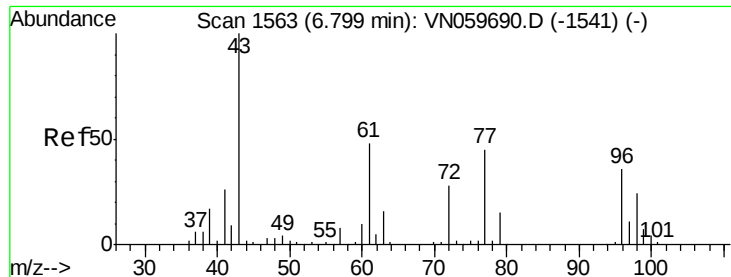
Tot Ion: 43 Resp: 908779
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 54.668 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 63 Resp: 166914
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 257.901 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

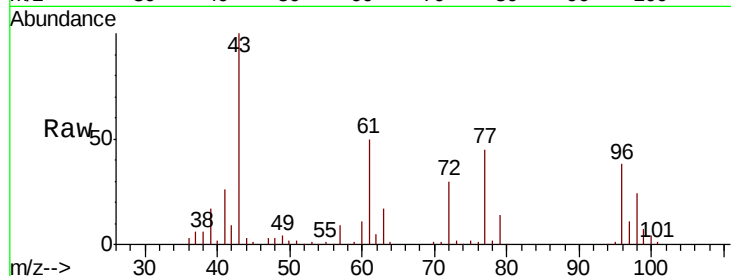
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 290003

Ion Ratio Lower Upper

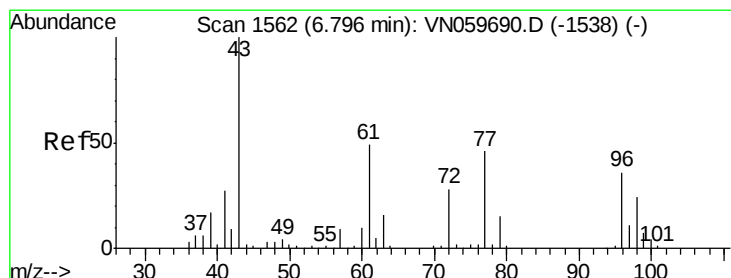
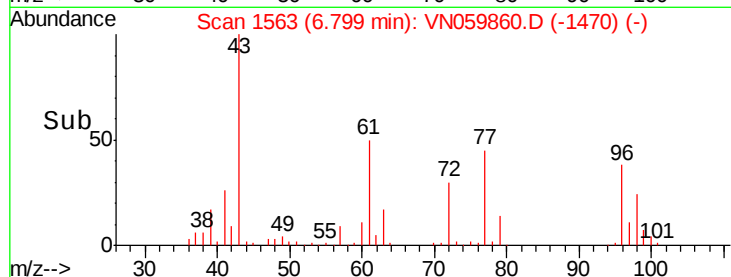
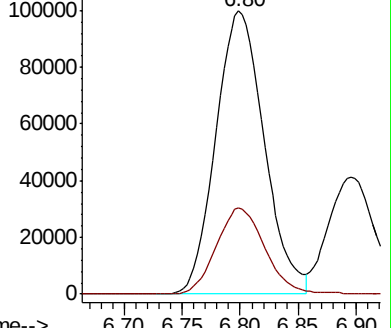
43 100

72 30.4 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN059860.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN059860.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 49.333 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059860.D

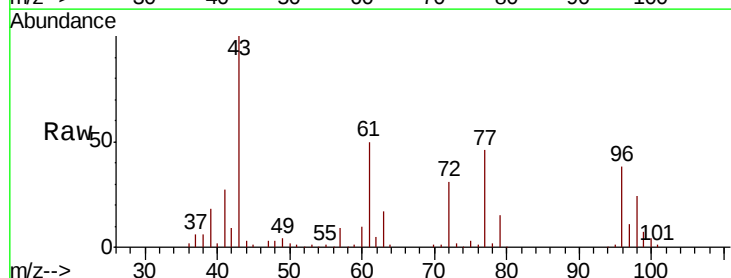
Acq: 24 Jan 2020 20:58

Tgt Ion: 77 Resp: 144806

Ion Ratio Lower Upper

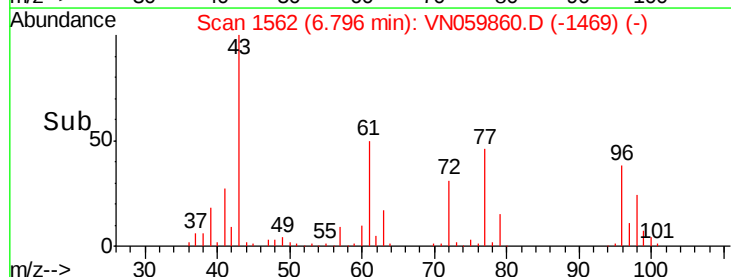
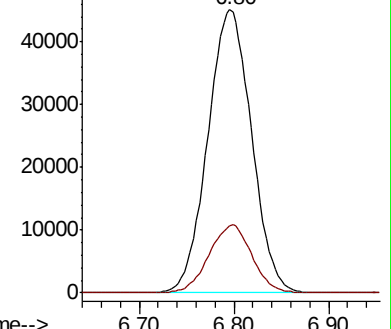
77 100

97 23.5 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059860.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059860.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 55.357 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampled :

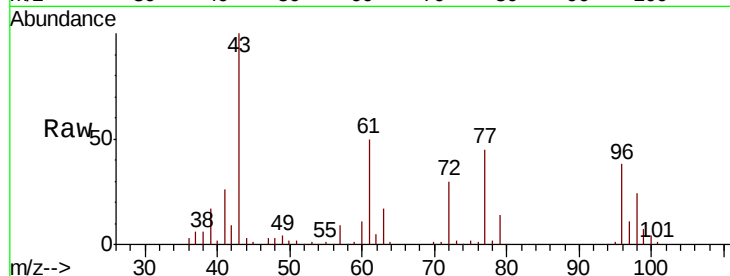
Tot Ion: 96 Resp: 110717

Ion Ratio Lower Upper

96 100

61 134.1 0.0 317.6

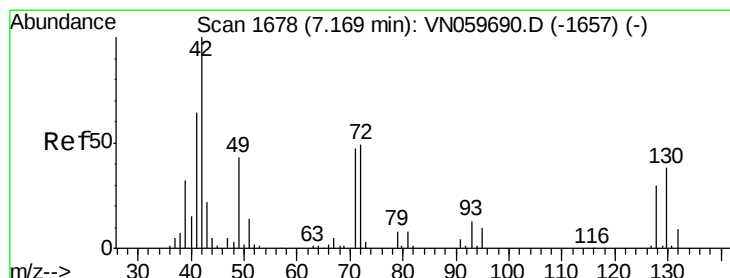
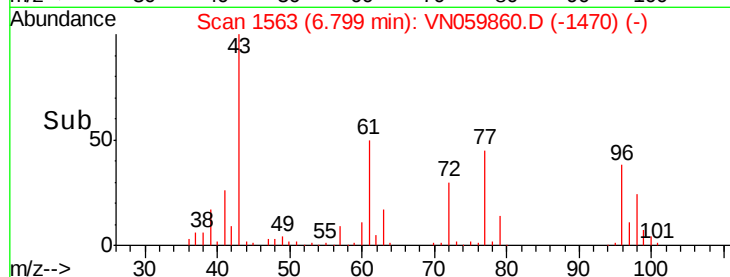
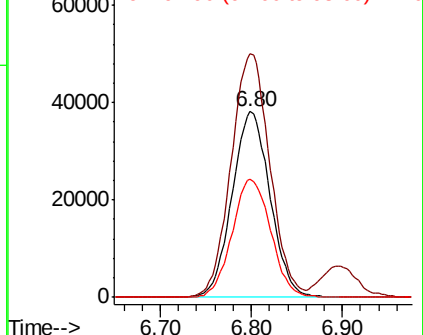
98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059860.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059860.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059860.D (-1542) (-)



#28

Bromochloromethane

Concen: 50.777 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

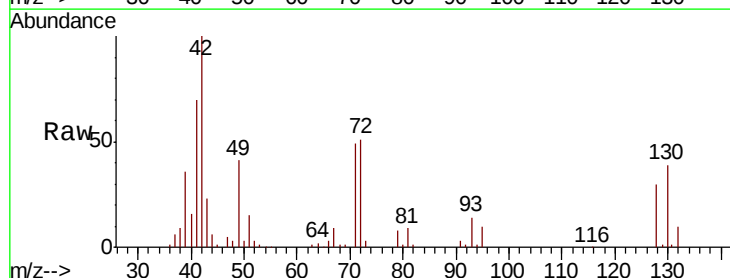
Tgt Ion: 49 Resp: 61964

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.4

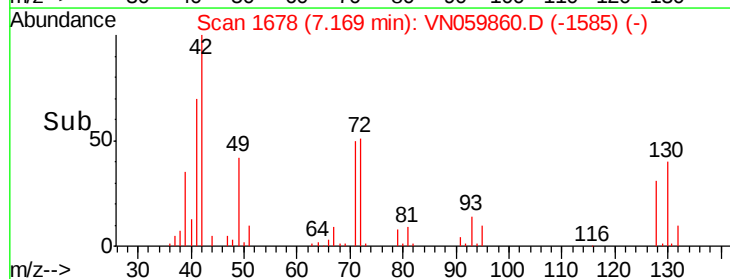
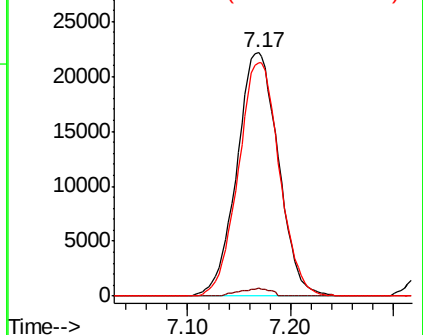
130 94.6 54.7 82.1#

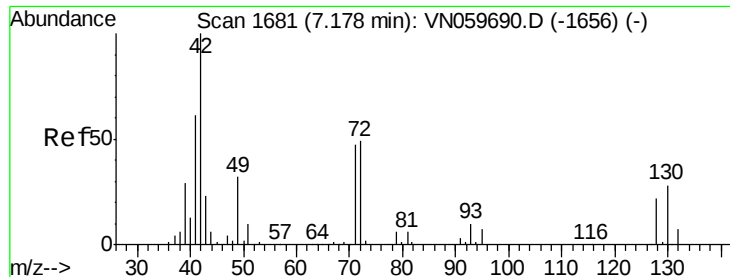


Abundance Ion 48.90 (48.60 to 49.60): VN059860.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059860.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059860.D (-1657) (-)

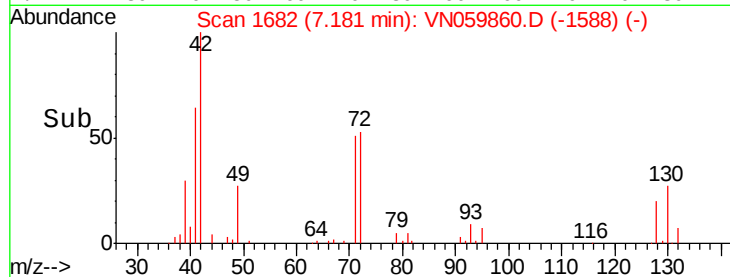
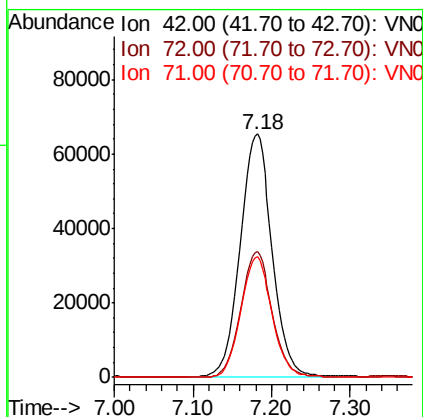
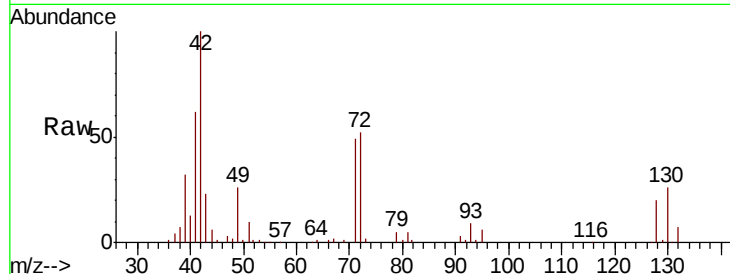




#29
Tetrahydrofuran
Concen: 268.986 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

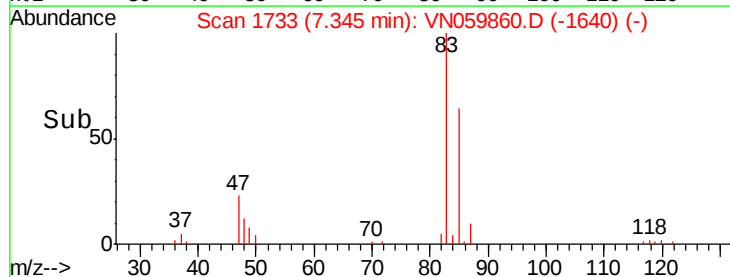
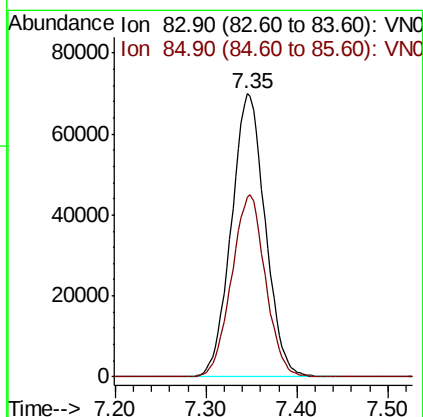
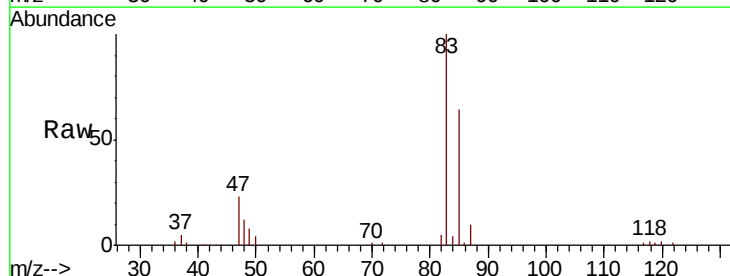
Instrument :
MSVOA_N
ClientSampled :

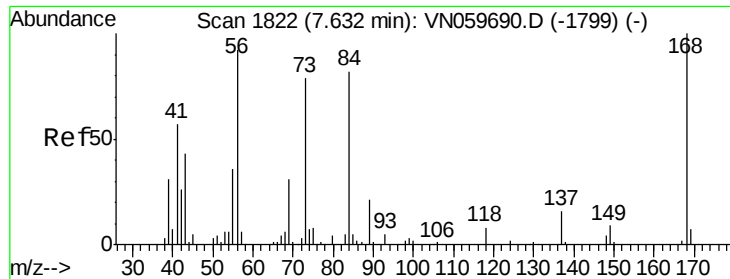
Tot Ion: 42 Resp: 187143
Ion Ratio Lower Upper
42 100
72 50.6 33.1 49.7#
71 48.3 31.4 47.0#



#30
Chloroform
Concen: 57.156 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 83 Resp: 180814
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6

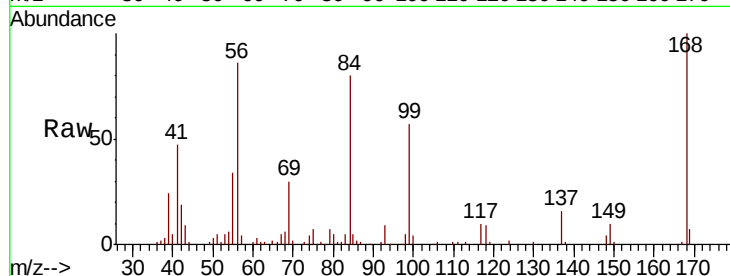




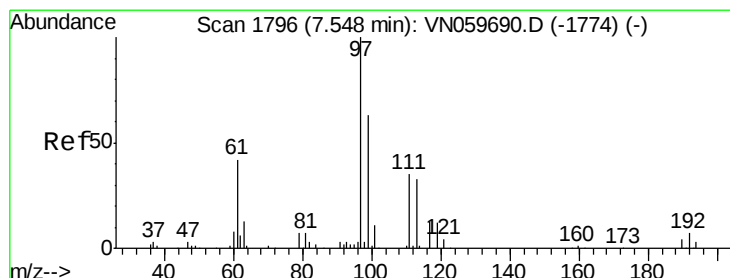
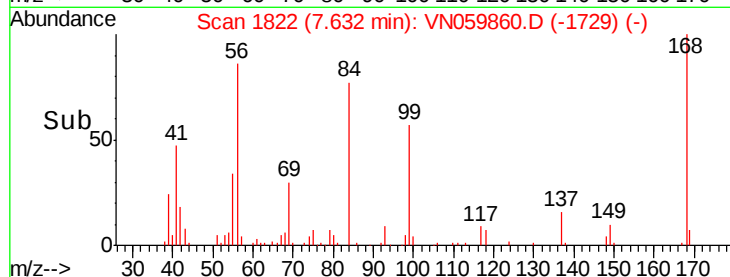
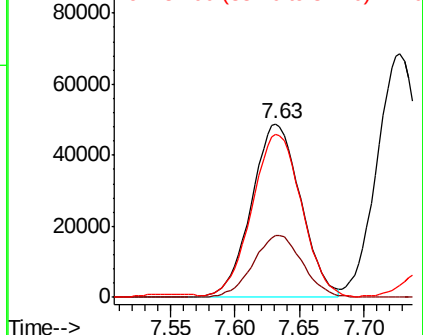
#31
Cyclohexane
Concen: 44.197 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 129849
Ion Ratio Lower Upper
56 100
69 35.5 26.5 39.7
84 92.1 65.3 97.9

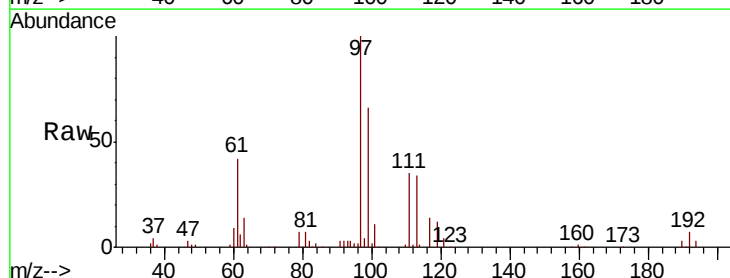


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

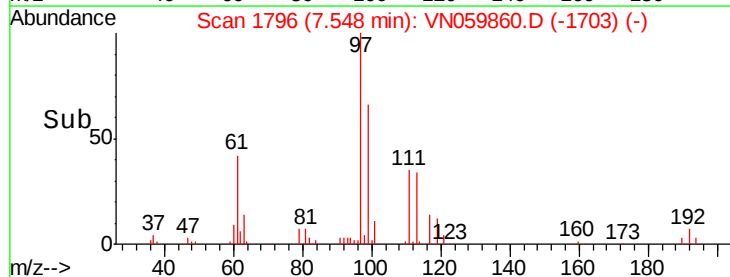
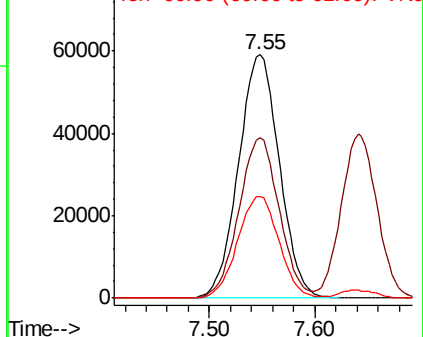


#32
1,1,1-Trichloroethane
Concen: 54.447 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 97 Resp: 159257
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 42.4 38.5 57.7



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

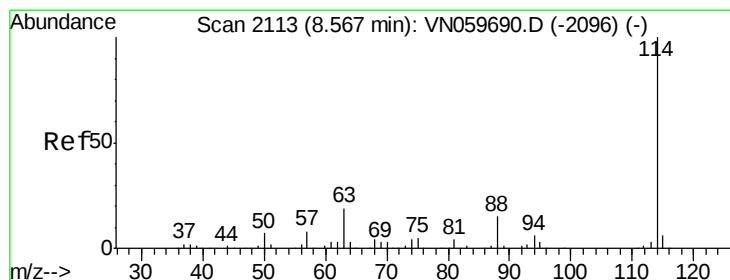
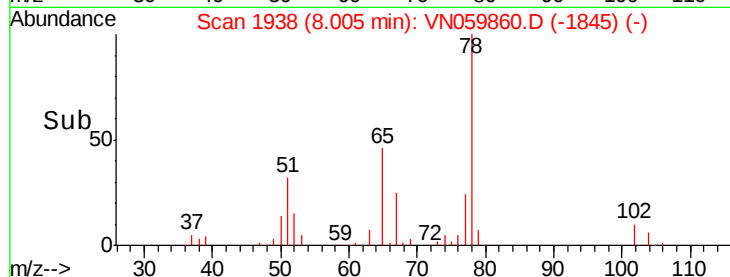
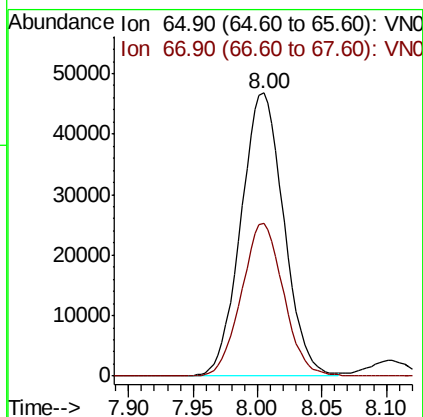
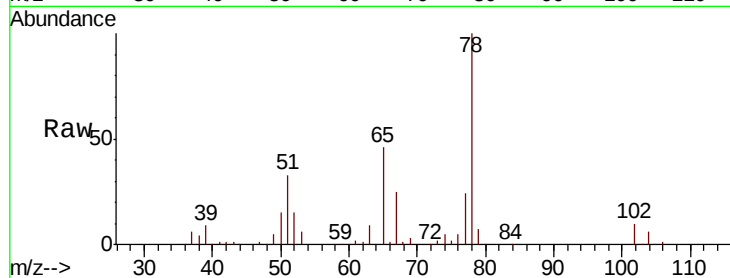




#33
 1,2-Dichloroethane-d4
 Concen: 54.676 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

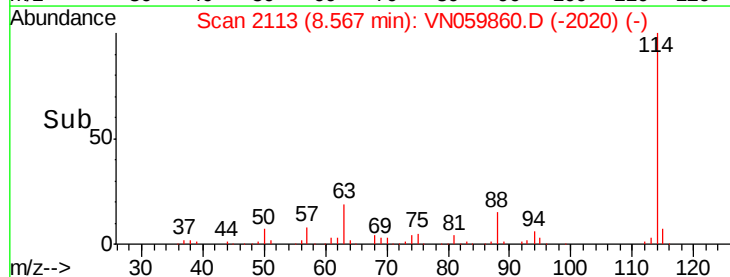
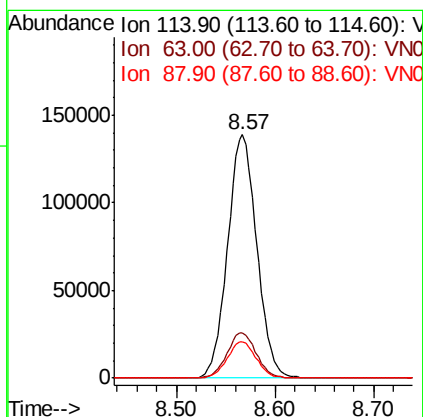
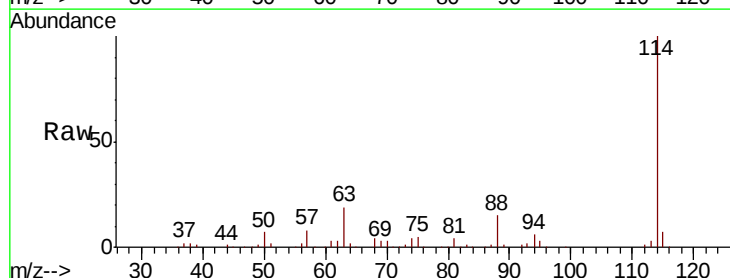
Instrument :
 MSVOA_N
 ClientSampleId :

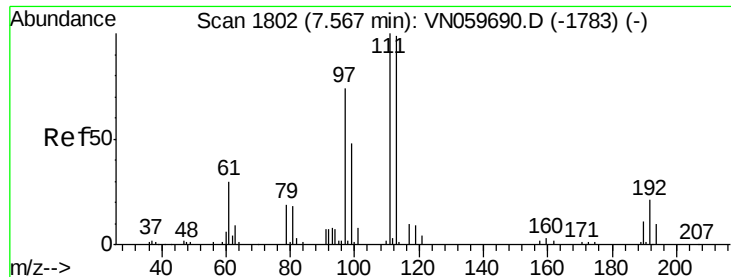
Tot Ion: 65 Resp: 108568
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 114 Resp: 286996
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 14.9 0.0 31.4

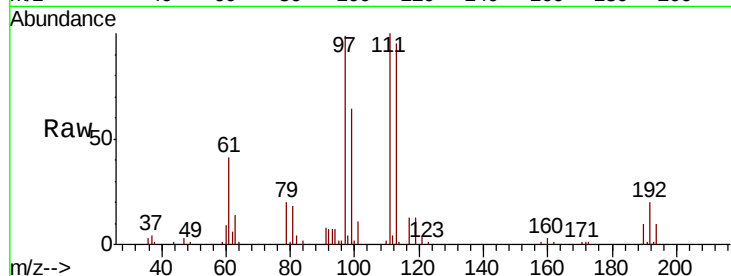




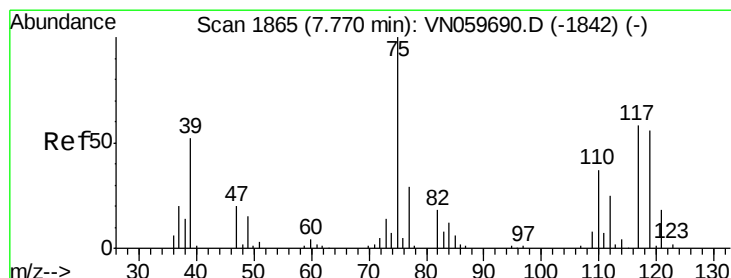
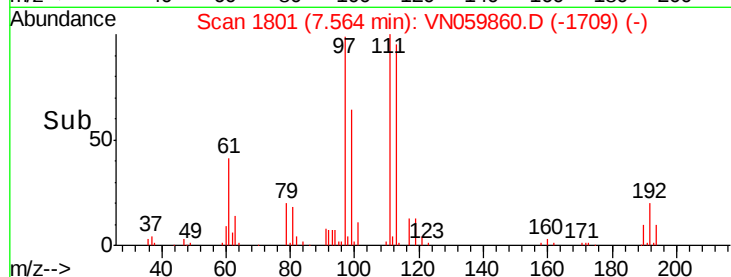
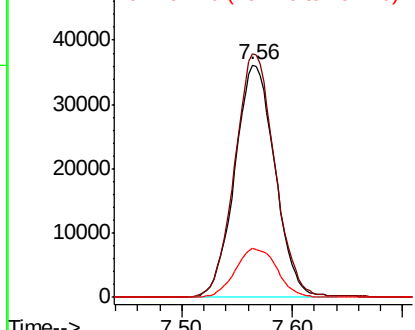
#35
 Dibromofluoromethane
 Concen: 53.322 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 91260
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.5 125.3
 192 21.6 15.4 23.2

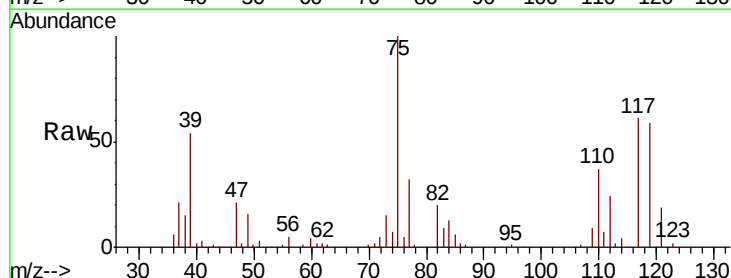


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

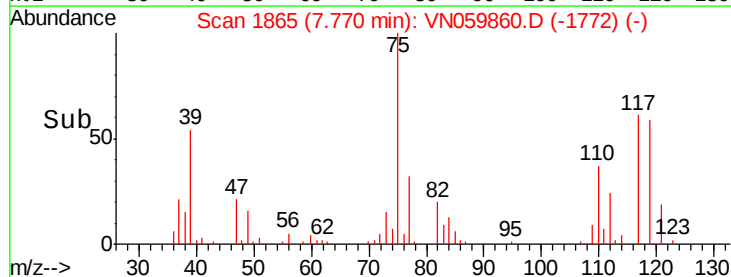
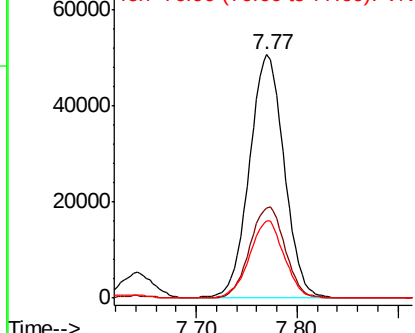


#36
 1,1-Dichloropropene
 Concen: 48.545 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 75 Resp: 121328
 Ion Ratio Lower Upper
 75 100
 110 37.7 16.6 49.7
 77 31.7 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

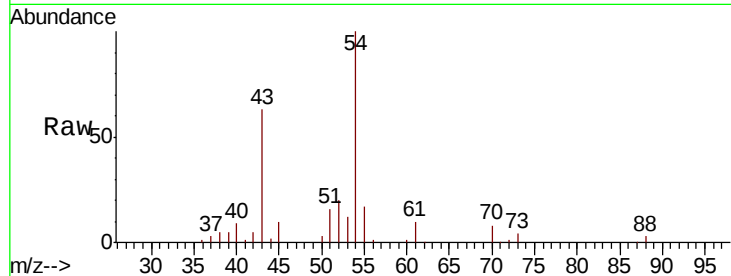




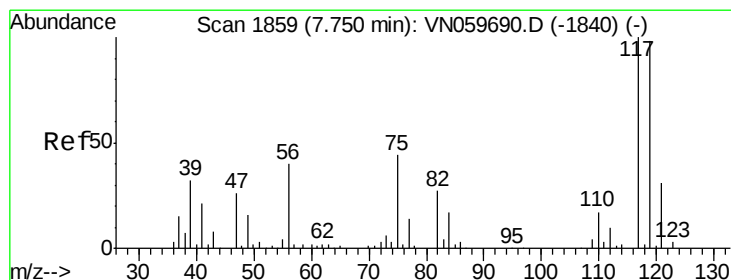
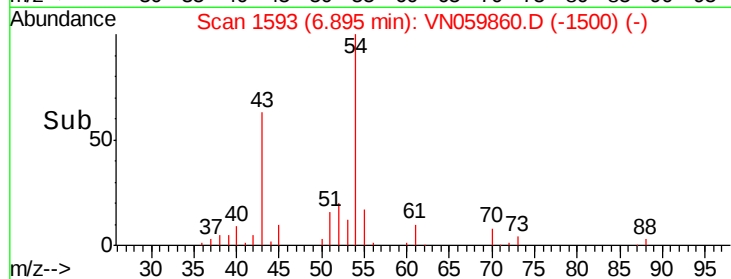
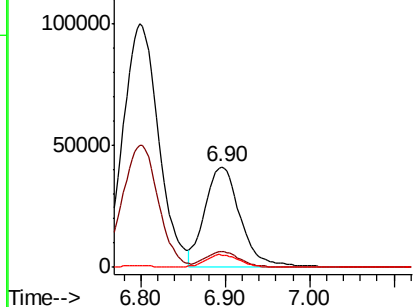
#37
Ethyl Acetate
Concen: 50.948 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 119428
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 11.8 7.7 11.5#

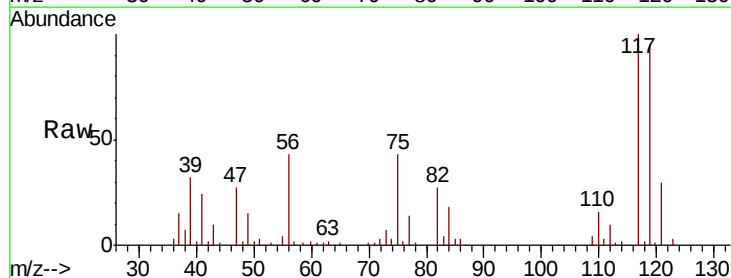


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

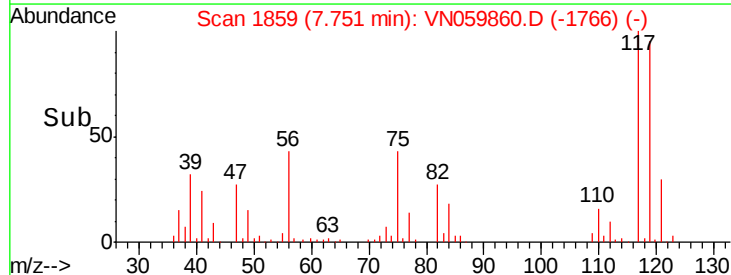
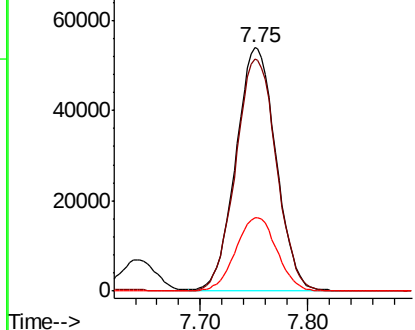


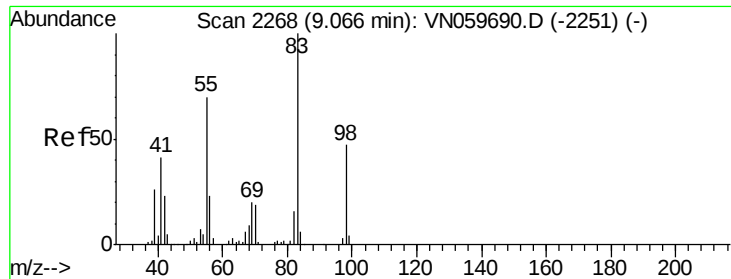
#38
Carbon Tetrachloride
Concen: 51.433 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 117 Resp: 139829
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
121 30.0 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

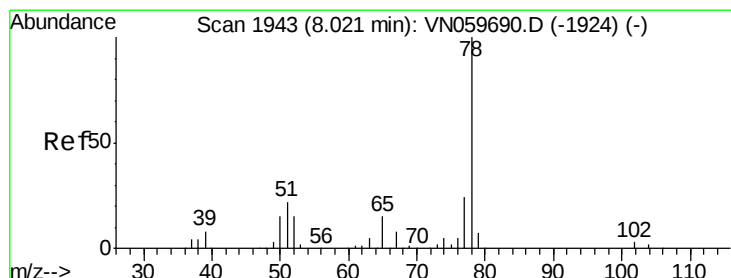
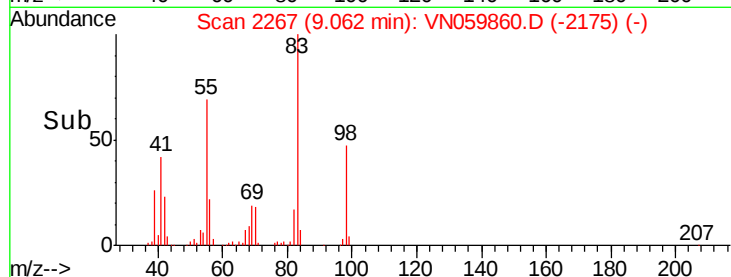
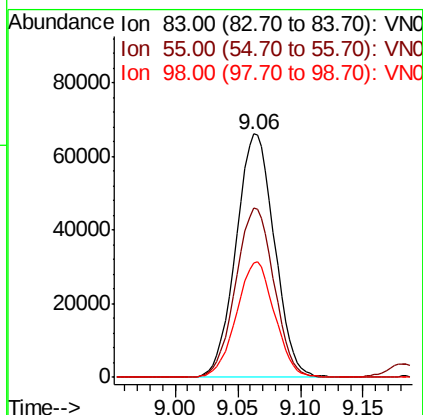
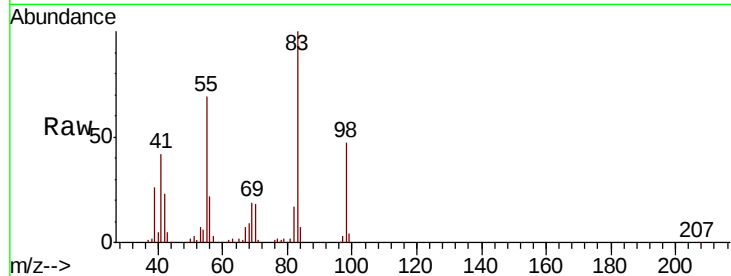




#39
Methvlcvclohexane
Concen: 45.748 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

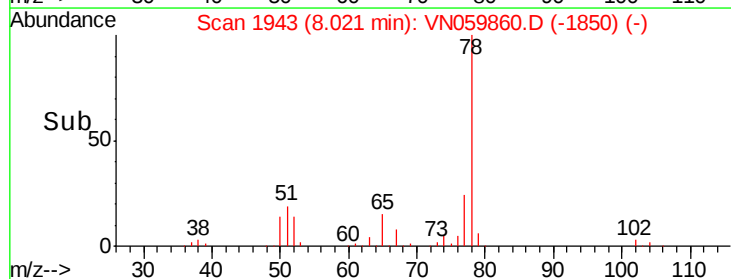
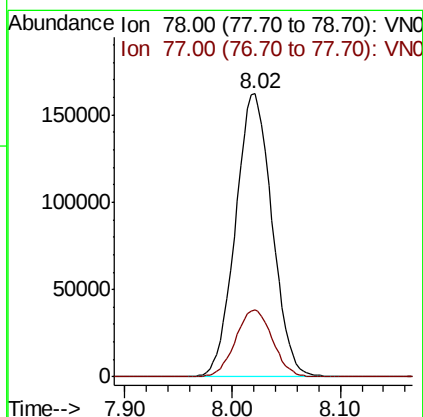
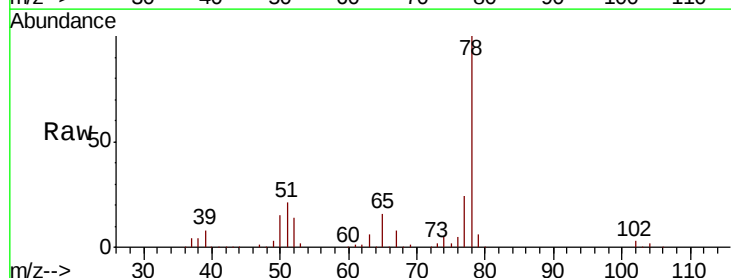
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 140981
Ion Ratio Lower Upper
83 100
55 69.3 64.2 96.2
98 47.0 35.9 53.9



#40
Benzene
Concen: 51.399 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 78 Resp: 383110
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

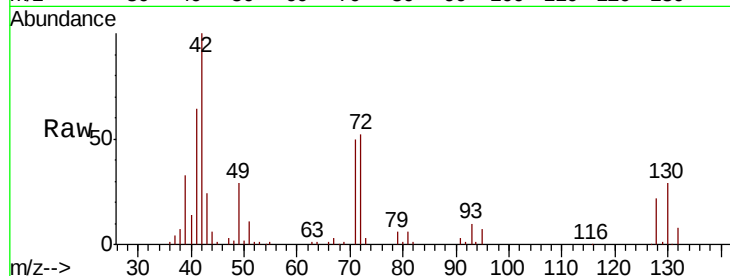




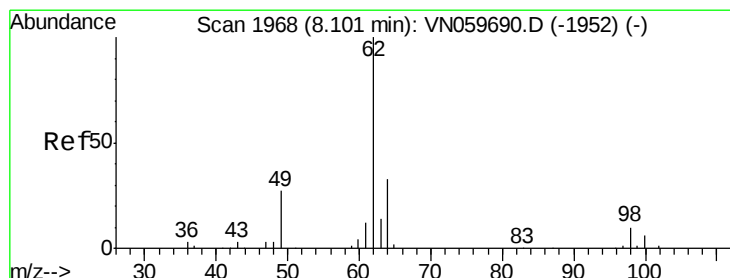
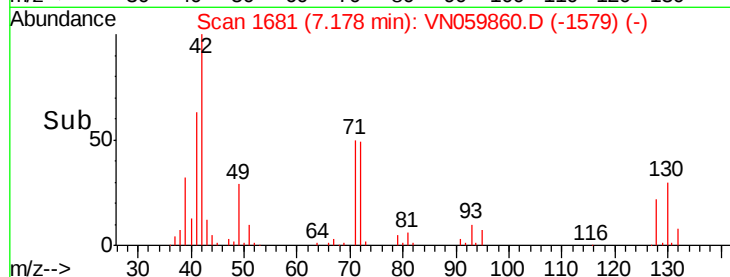
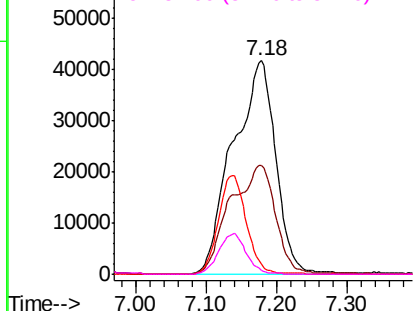
#41
Methacrylonitrile
Concen: 151.911 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	175396
Ion	Ratio	Lower	Upper
41	100		
39	53.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

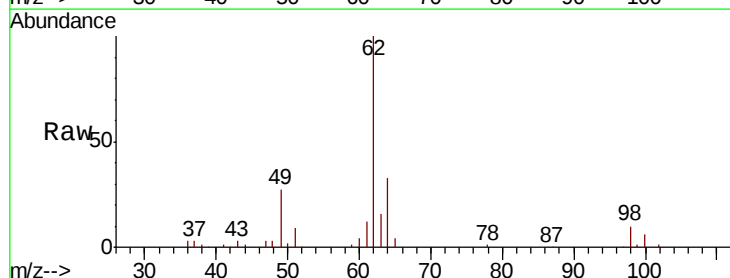


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

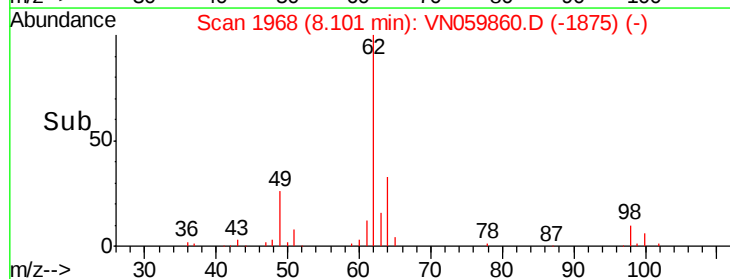
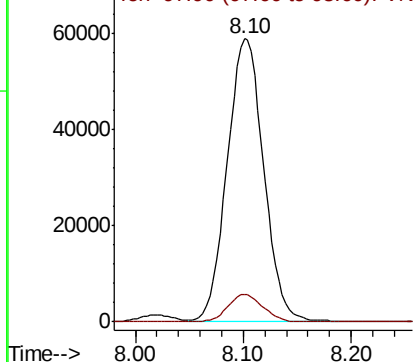


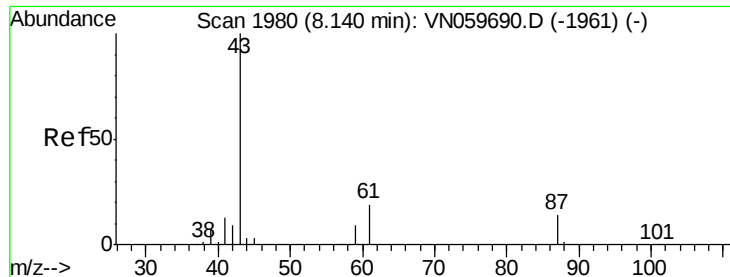
#42
1,2-Dichloroethane
Concen: 55.094 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:	62	Resp:	139234
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 52.357 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

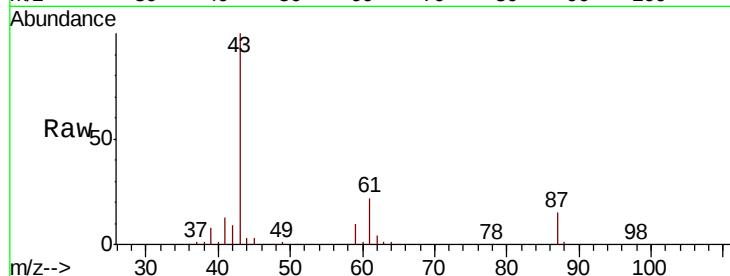
Tot Ion: 43 Resp: 211098

Ion Ratio Lower Upper

43 100

61 27.6 20.2 30.2

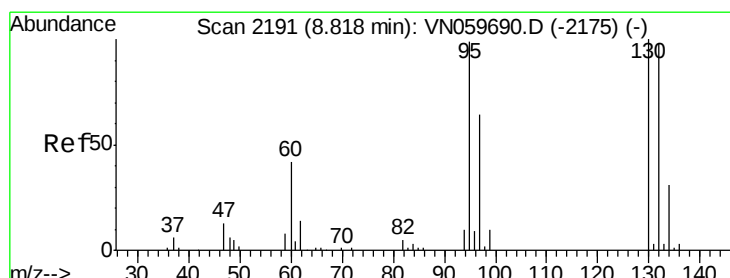
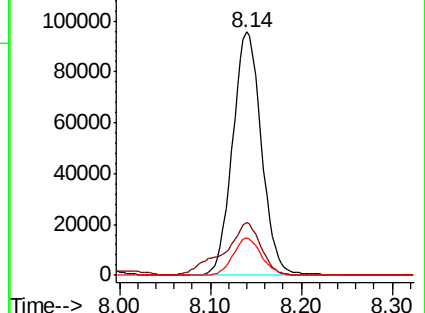
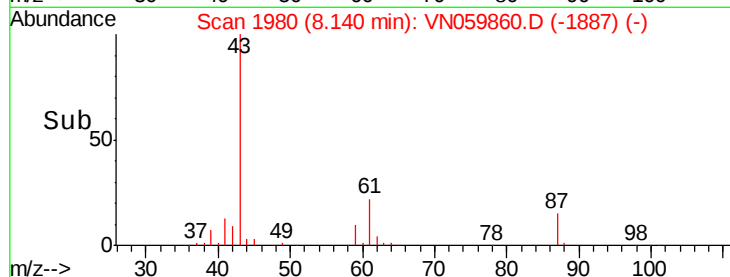
87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059860.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059860.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059860.D (-1961) (-)



#44

Trichloroethene

Concen: 52.329 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059860.D

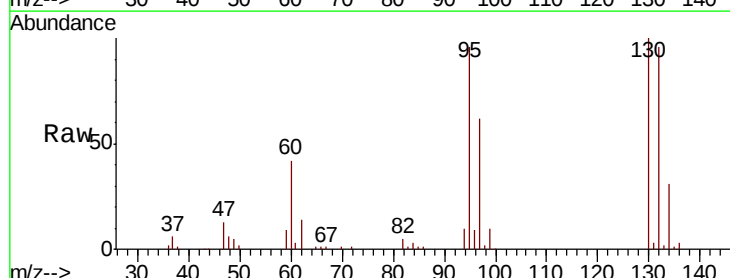
Acq: 24 Jan 2020 20:58

Tgt Ion:130 Resp: 106478

Ion Ratio Lower Upper

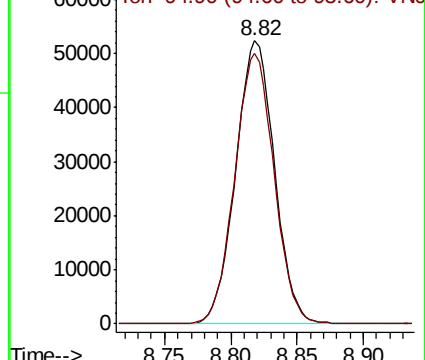
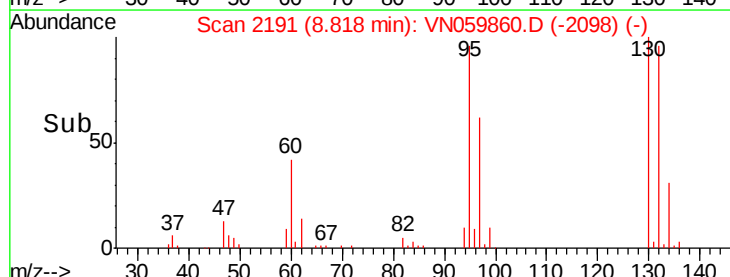
130 100

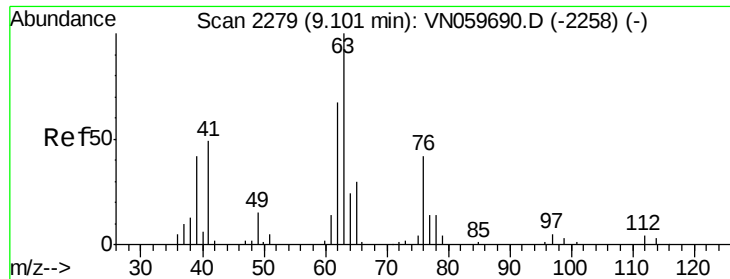
95 95.7 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059860.D (-2191) (-)

Ion 94.90 (94.60 to 95.60): VN059860.D (-2191) (-)

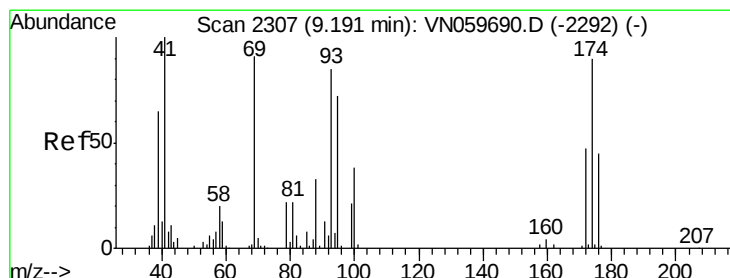
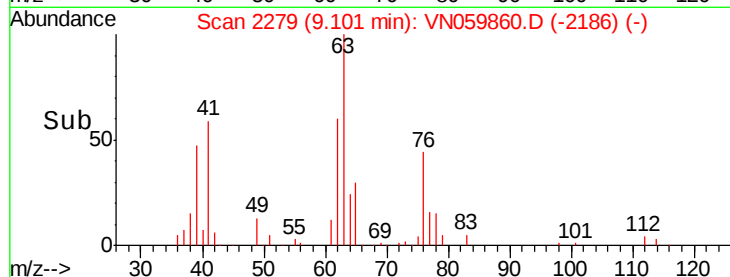
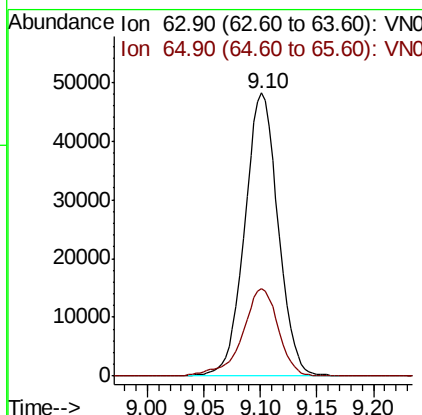
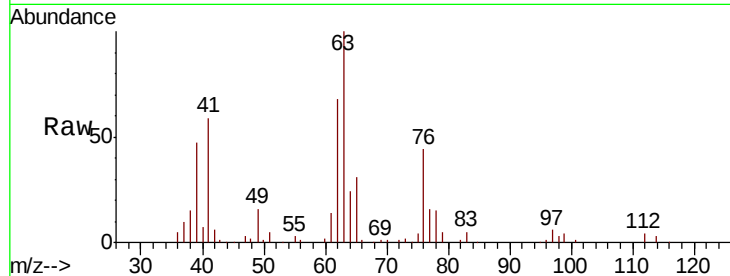




#45
 1,2-Dichloropropane
 Concen: 53.671 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

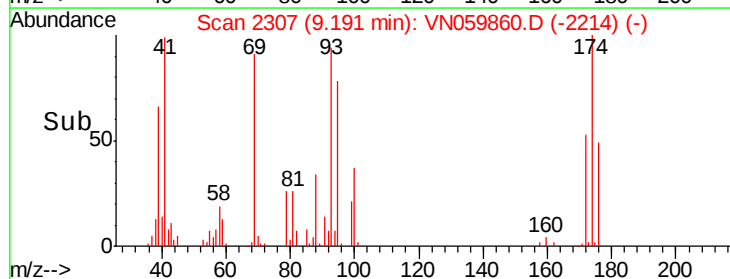
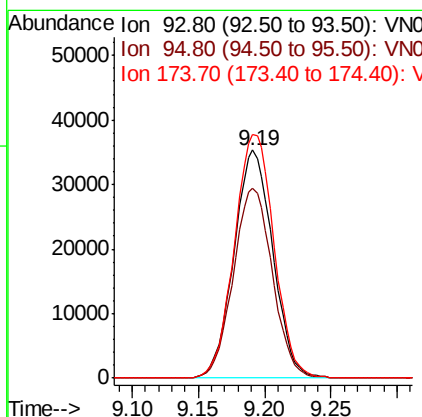
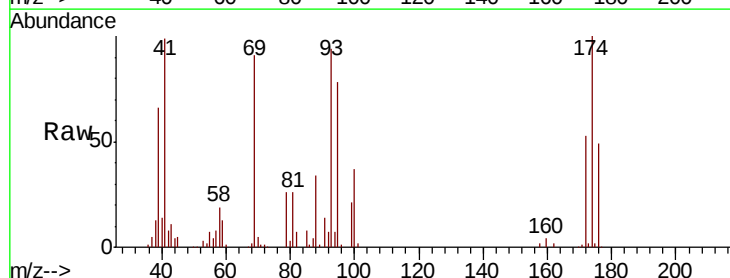
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 98993
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3



#46
 Dibromomethane
 Concen: 55.373 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 93 Resp: 72044
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 108.9 73.4 110.2





#47

Bromodichloromethane

Concen: 56.262 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampled :

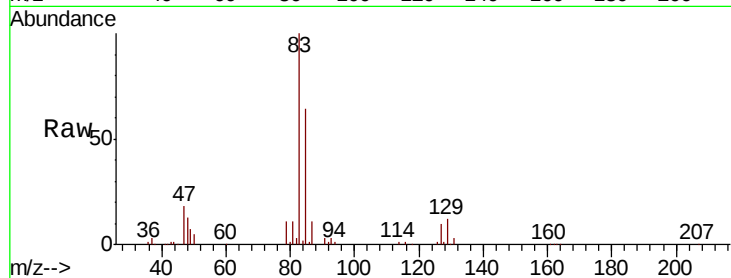
Tot Ion: 83 Resp: 147513

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

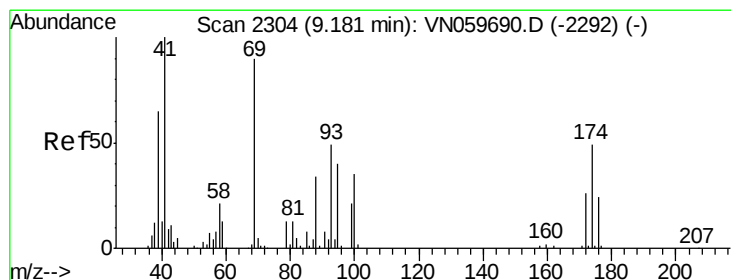
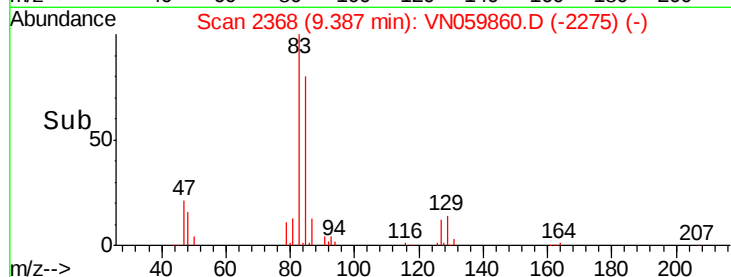
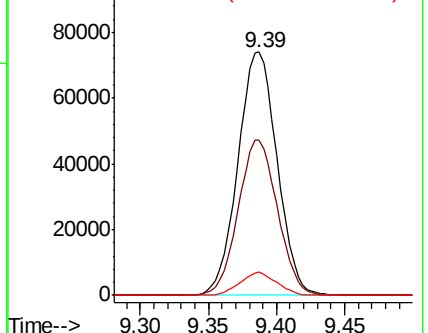
127 9.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059860.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059860.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059860.D (-2275) (-)



#48

Methyl methacrylate

Concen: 52.936 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

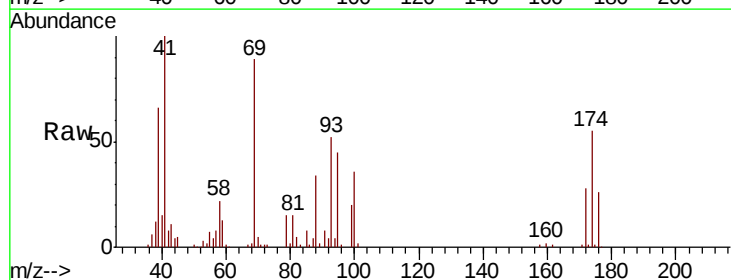
Tgt Ion: 41 Resp: 95469

Ion Ratio Lower Upper

41 100

69 91.2 64.4 96.6

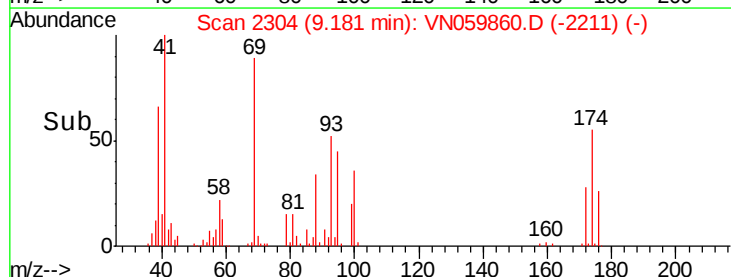
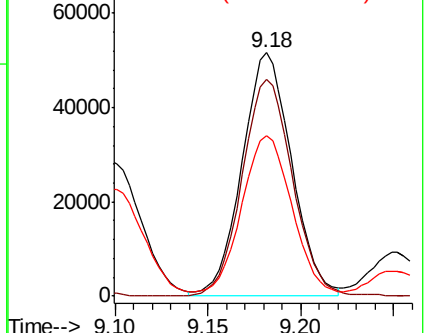
39 67.9 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN059860.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059860.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059860.D (-2211) (-)

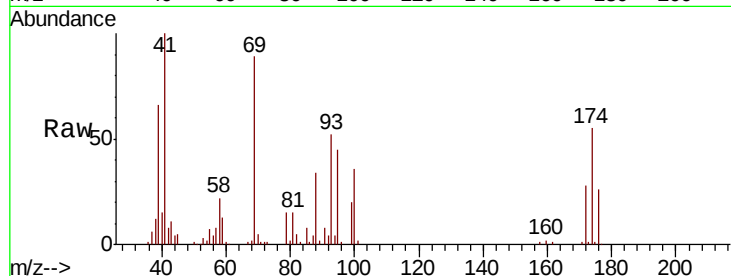




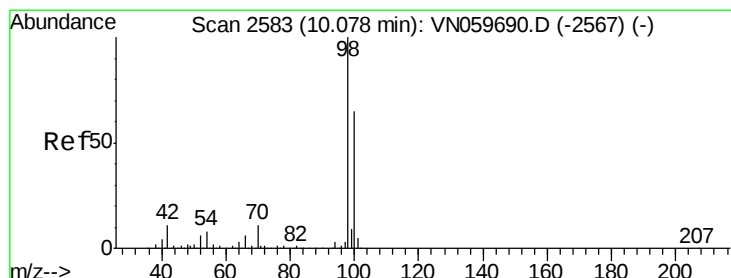
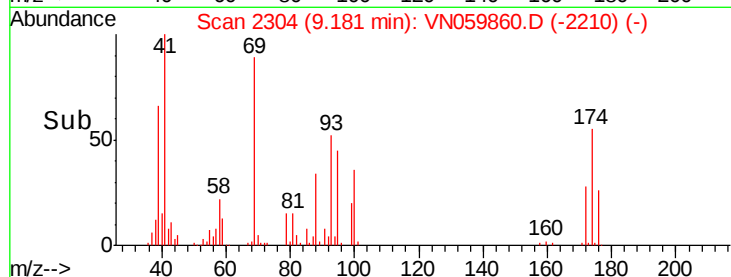
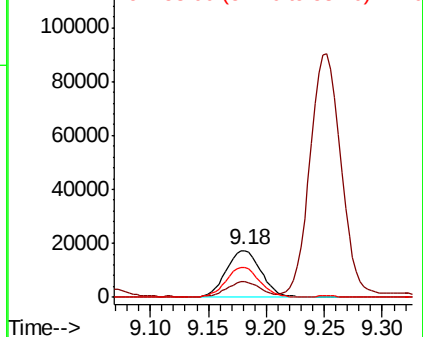
#49
1,4-Dioxane
Concen: 1105.826 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 36509
Ion Ratio Lower Upper
88 100
43 30.1 29.7 44.5
58 62.1 56.6 85.0

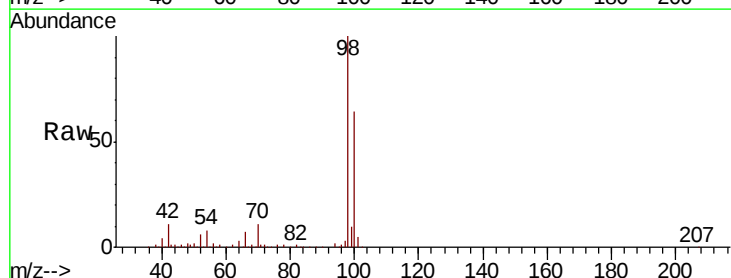


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

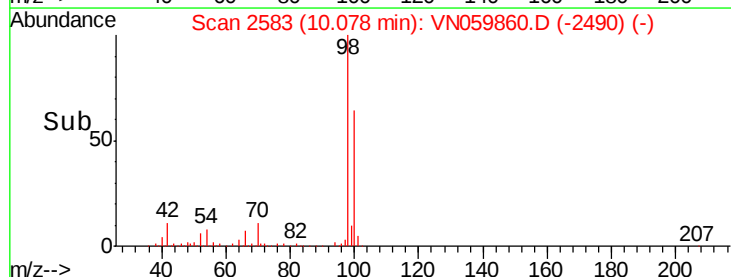
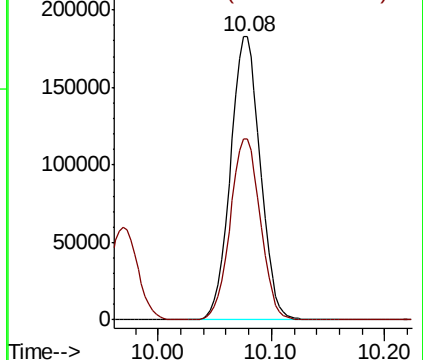


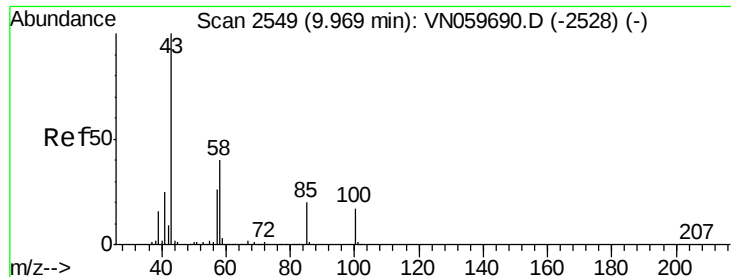
#50
Toluene-d8
Concen: 50.520 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 98 Resp: 335009
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 263.702 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

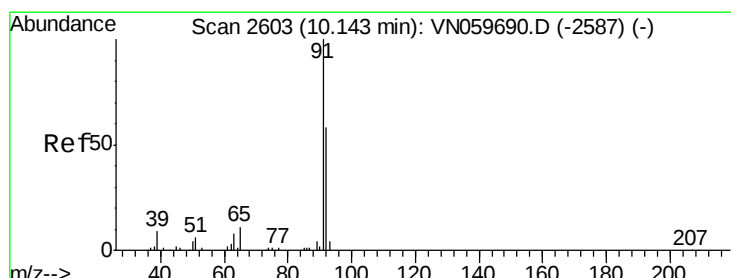
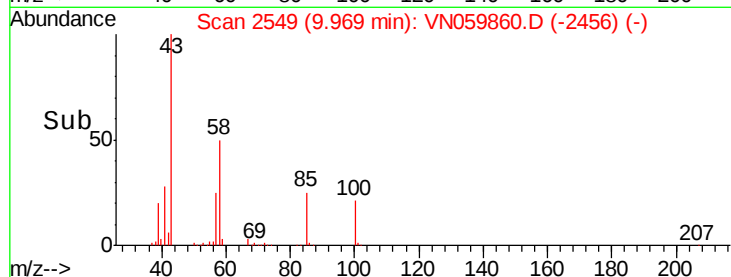
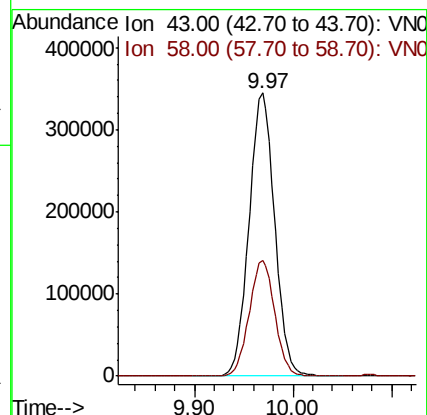
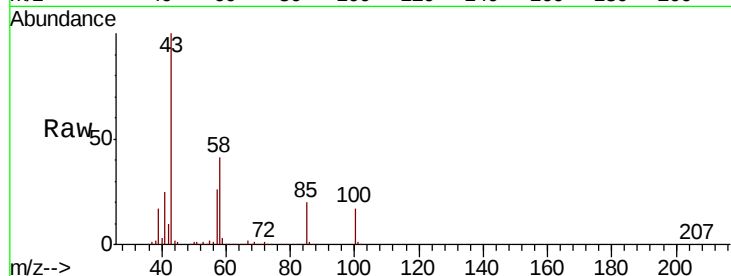
ClientSampleId :

Tot Ion: 43 Resp: 614621

Ion Ratio Lower Upper

43 100

58 40.8 29.8 44.8



#52

Toluene

Concen: 52.230 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059860.D

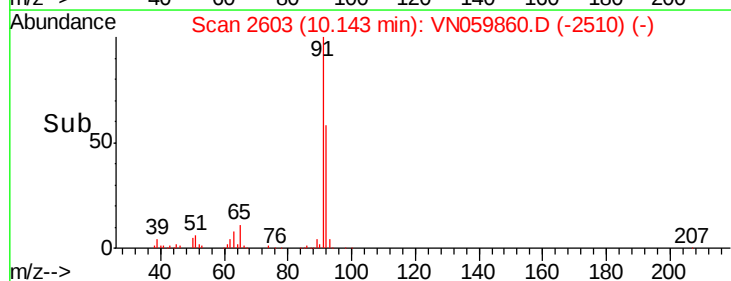
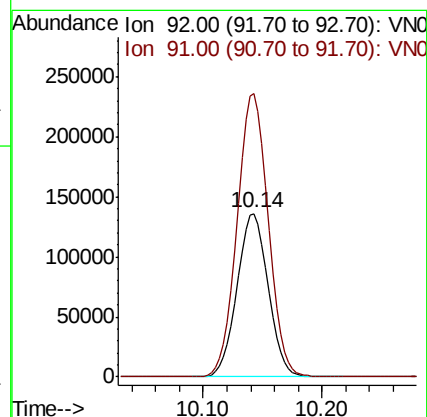
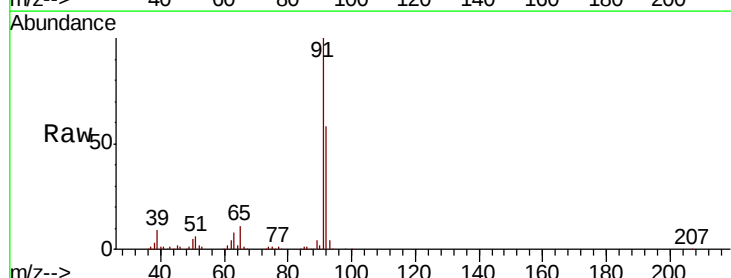
Acq: 24 Jan 2020 20:58

Tgt Ion: 92 Resp: 245904

Ion Ratio Lower Upper

92 100

91 173.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.721 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

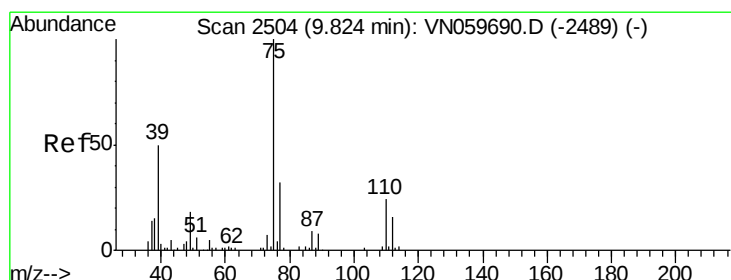
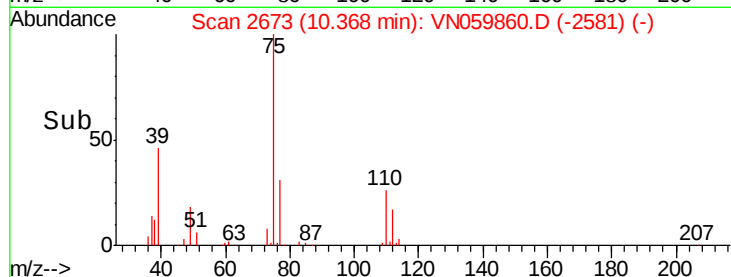
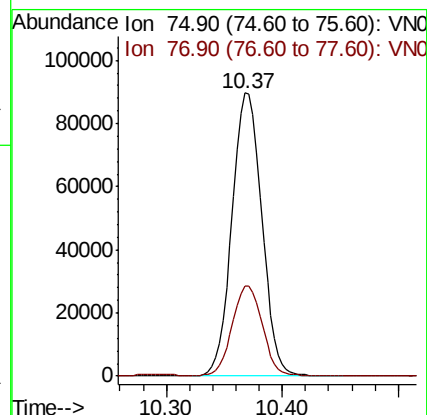
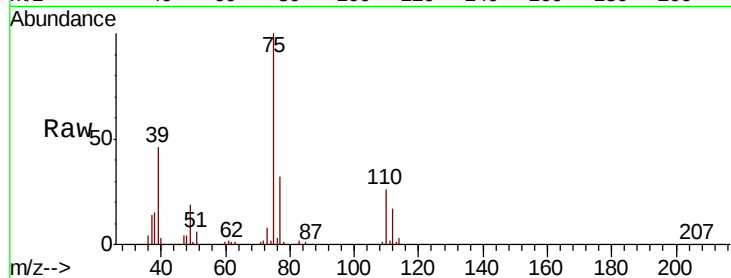
ClientSampled :

Tot Ion: 75 Resp: 160199

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.725 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

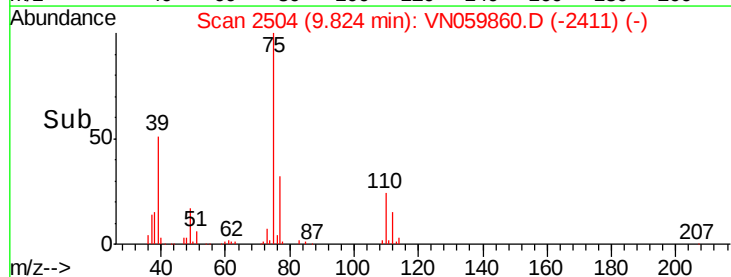
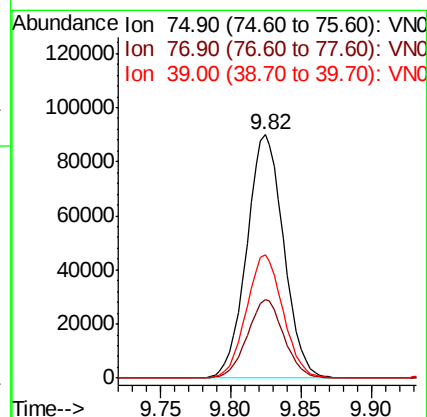
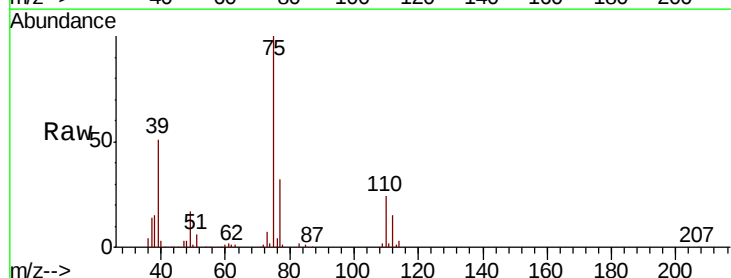
Tgt Ion: 75 Resp: 165490

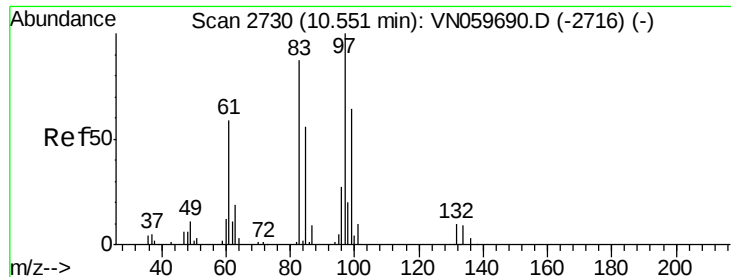
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 50.5 46.1 69.1

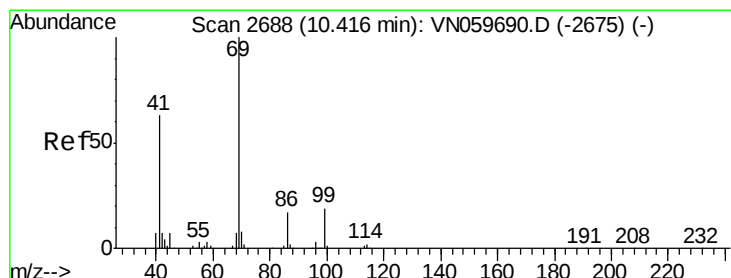
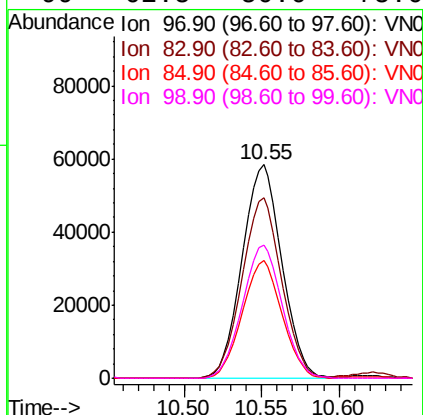
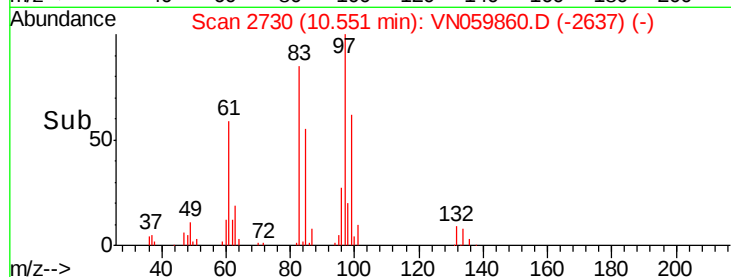
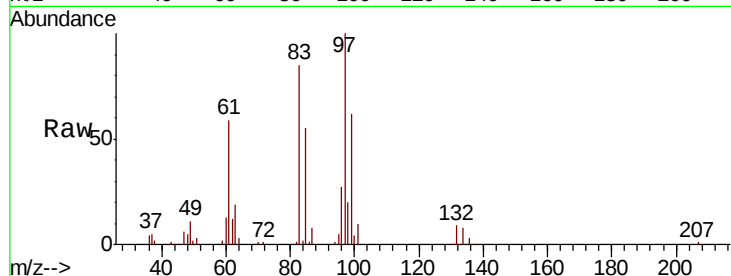




#55
 1,1,2-Trichloroethane
 Concen: 56.144 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

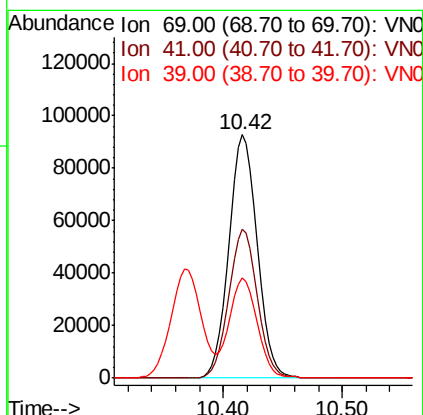
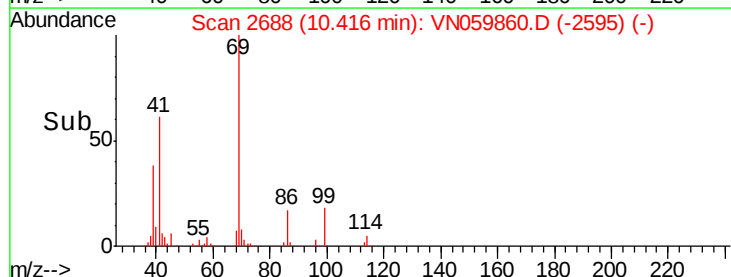
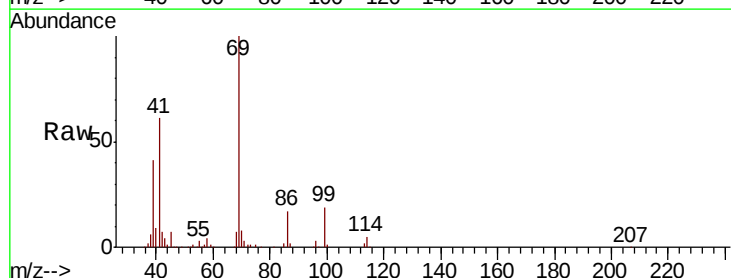
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.3	106.9
85	55.1	45.8	68.8
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 53.866 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	57.1	85.7
39	41.2	34.7	52.1





#57

1,3-Dichloropropane

Concen: 56.367 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

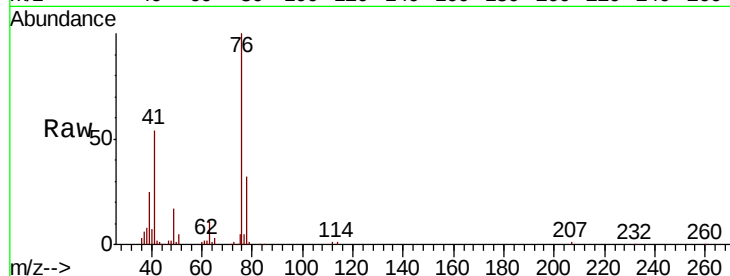
ClientSampleId :

Tot Ion: 76 Resp: 166871

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

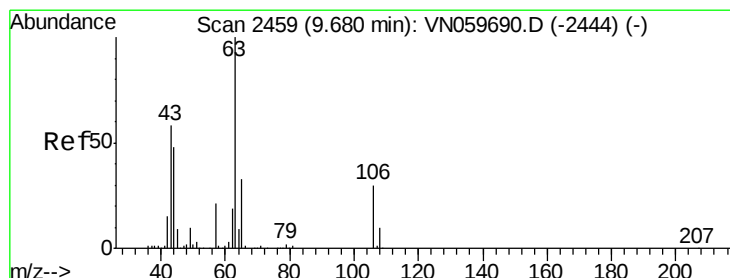
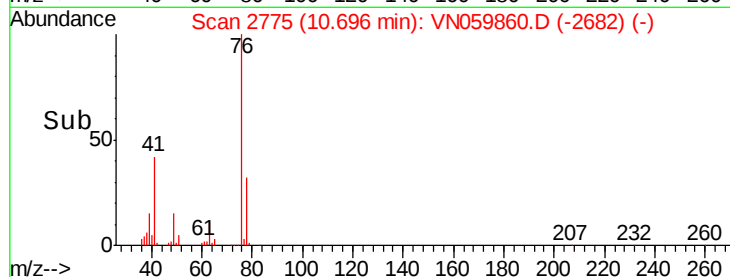
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 283.687 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059860.D

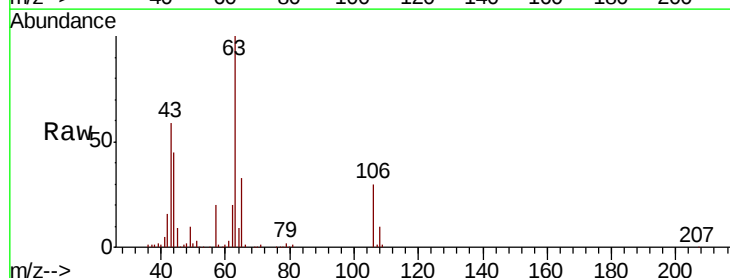
Acq: 24 Jan 2020 20:58

Tgt Ion: 63 Resp: 243461

Ion Ratio Lower Upper

63 100

106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

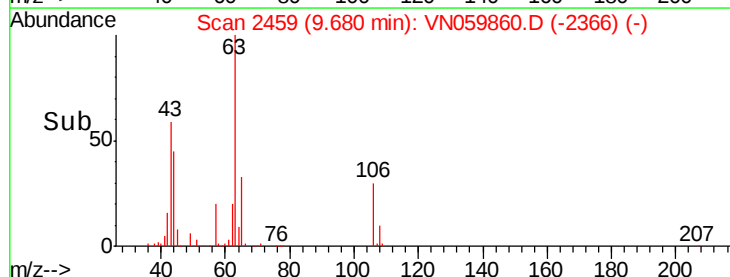
150000

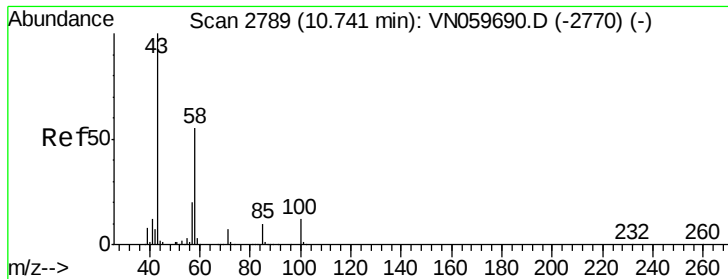
100000

50000

0

Time--> 9.60 9.70 9.80

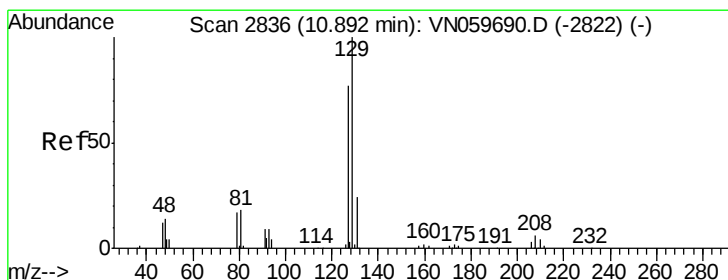
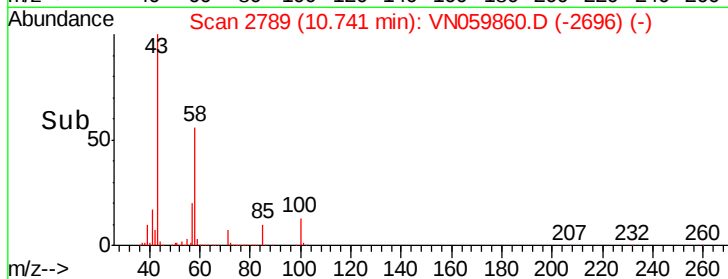
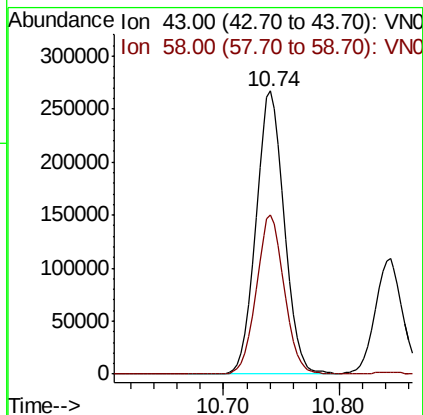
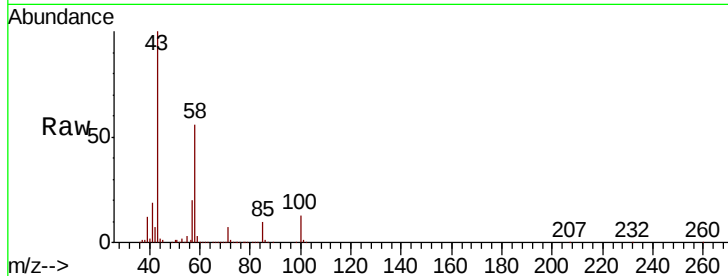




#59
2-Hexanone
Concen: 263.368 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

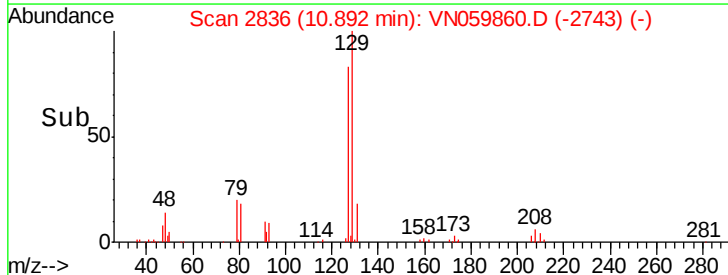
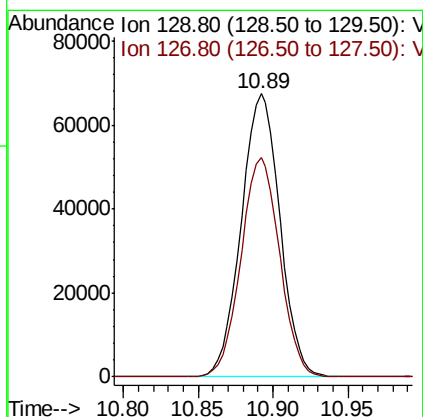
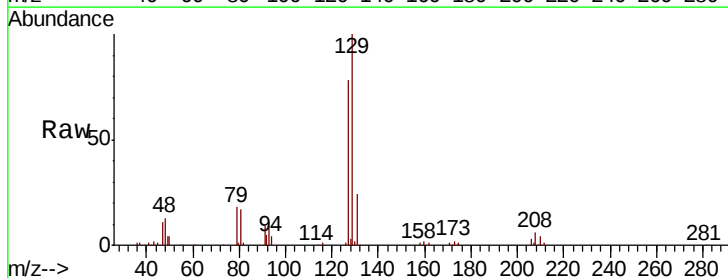
Instrument :
MSVOA_N
ClientSampleId :

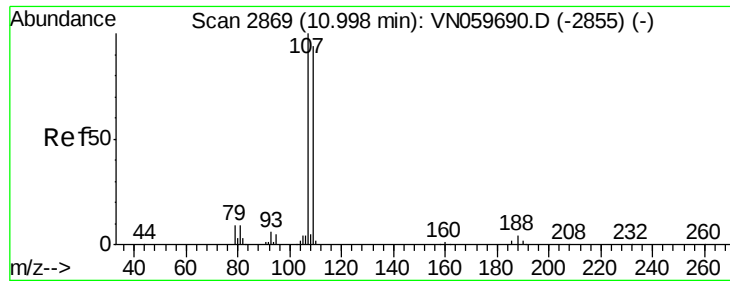
Tot Ion: 43 Resp: 452220
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3



#60
Dibromochloromethane
Concen: 57.228 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 129 Resp: 121520
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

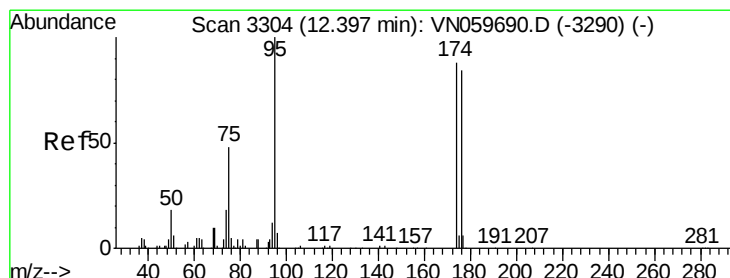
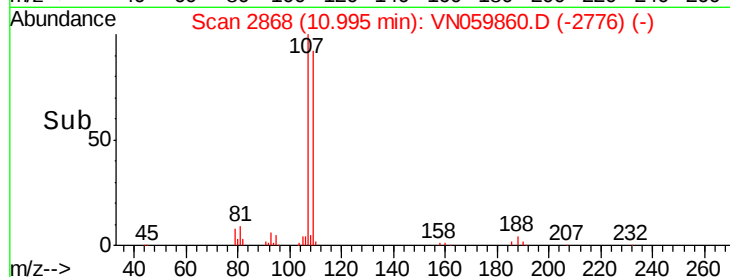
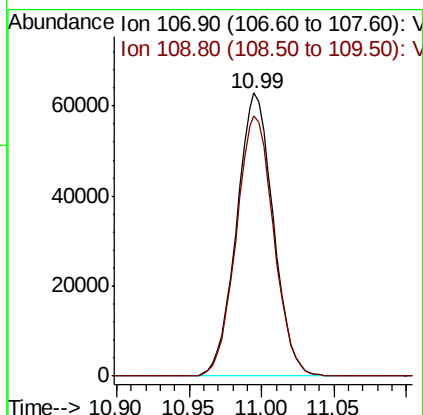
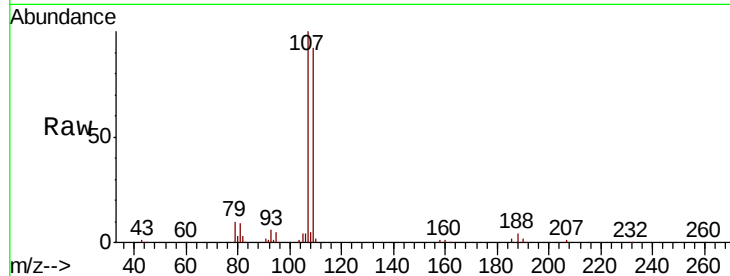




#61
 1,2-Dibromoethane
 Concen: 56.574 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

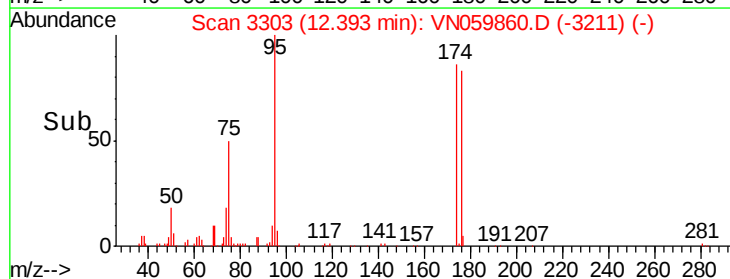
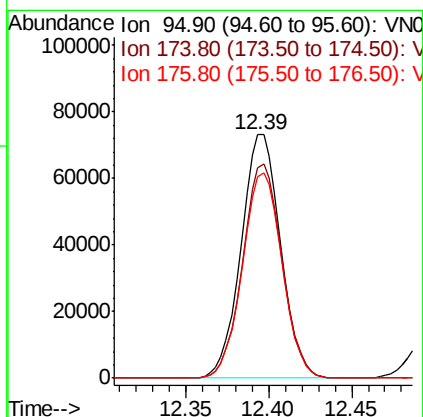
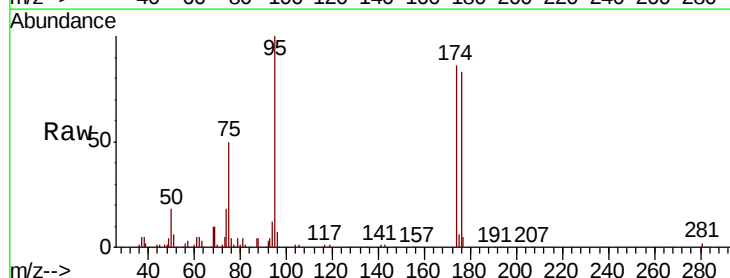
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 110568
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.636 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion: 95 Resp: 121047
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 151.4
 176 85.0 0.0 146.0

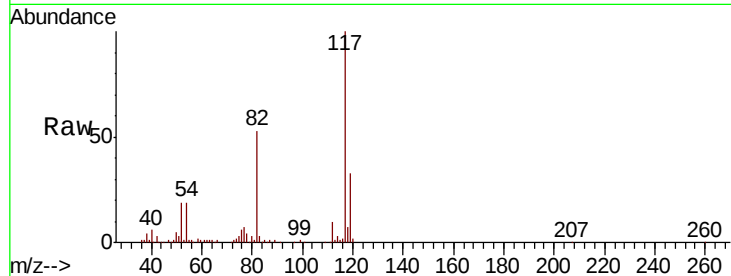




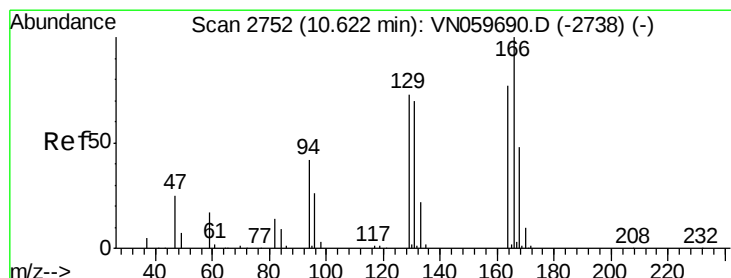
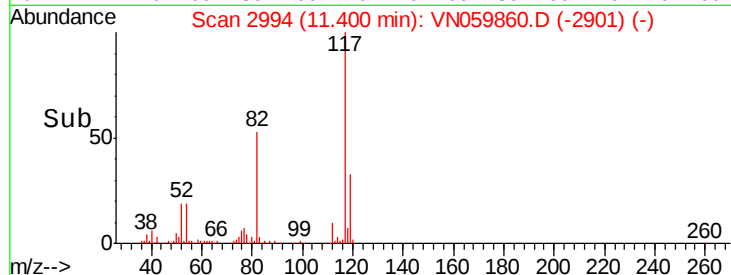
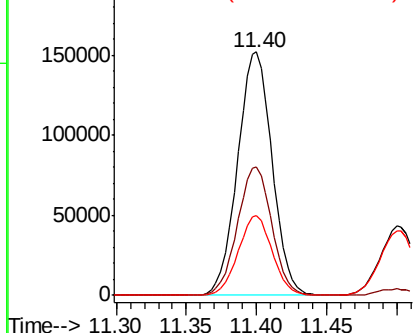
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 261073
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 32.7 25.5 38.3

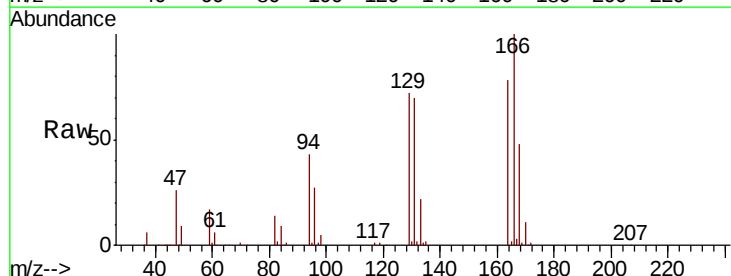


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

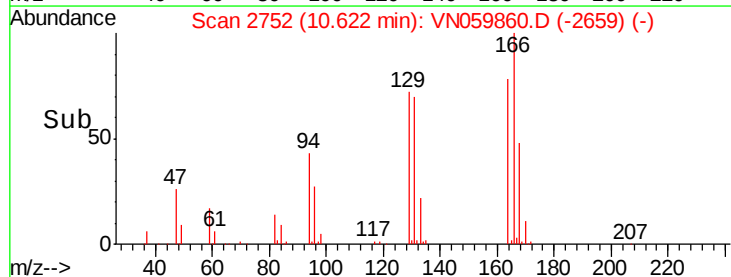
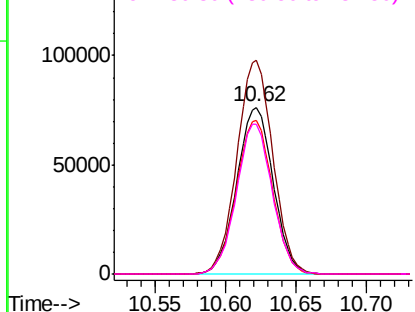


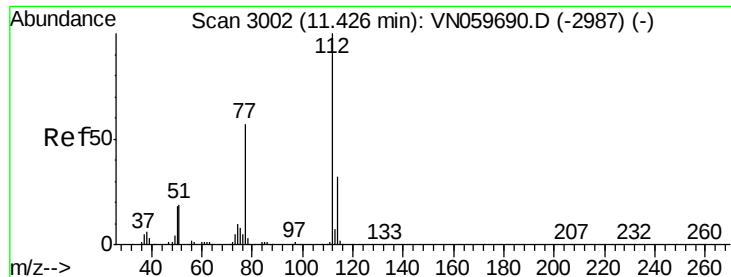
#64
Tetrachloroethene
Concen: 65.060 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:164 Resp: 138432
Ion Ratio Lower Upper
164 100
166 127.9 101.4 152.0
129 92.0 80.2 120.4
131 89.4 75.0 112.4



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

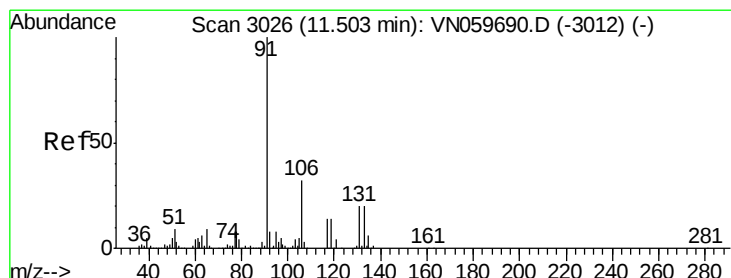
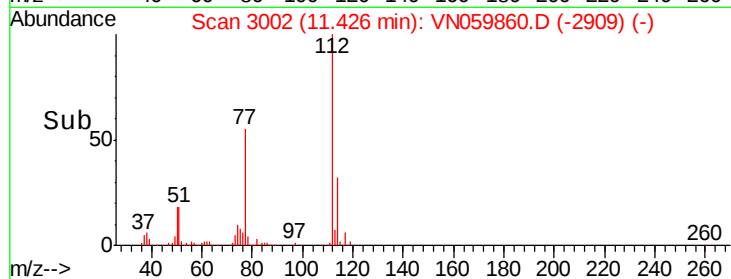
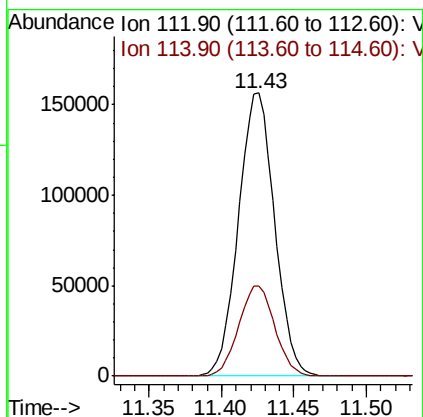
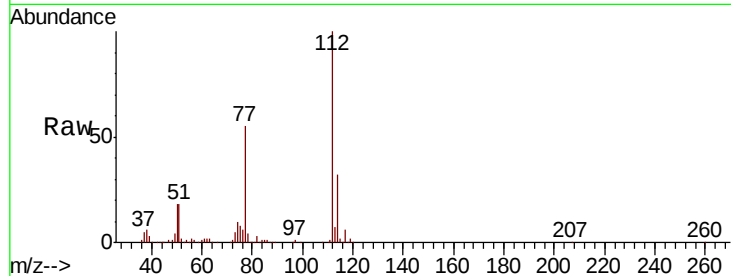




#65
Chlorobenzene
Concen: 52.849 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

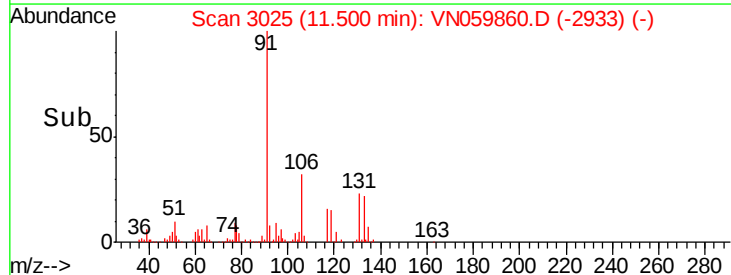
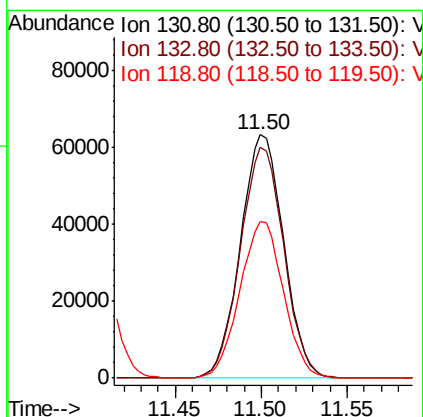
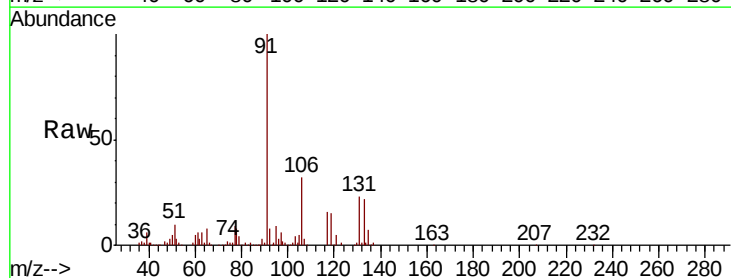
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 271195
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.552 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:131 Resp: 110148
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 64.8 33.1 99.3

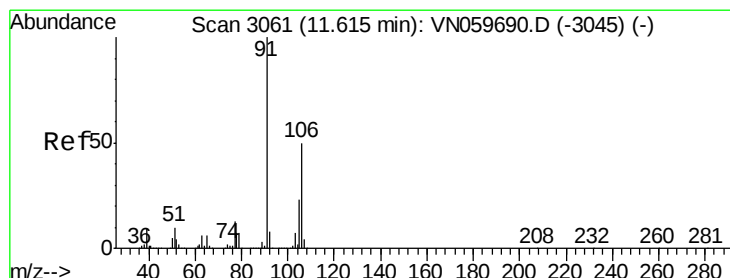
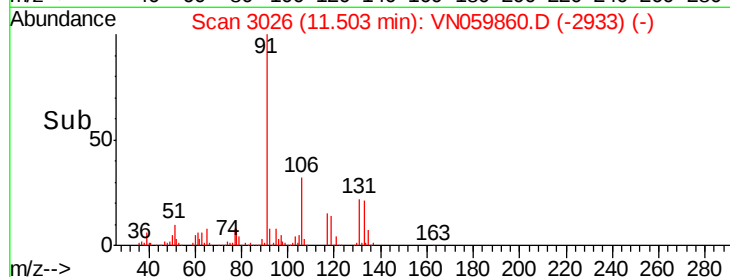
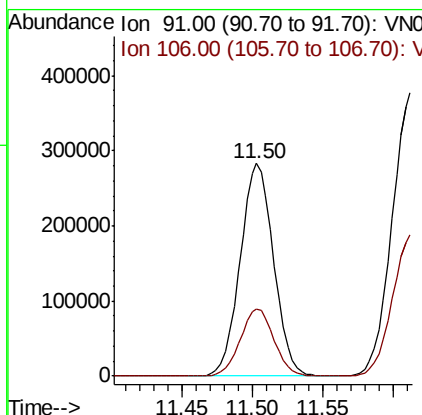
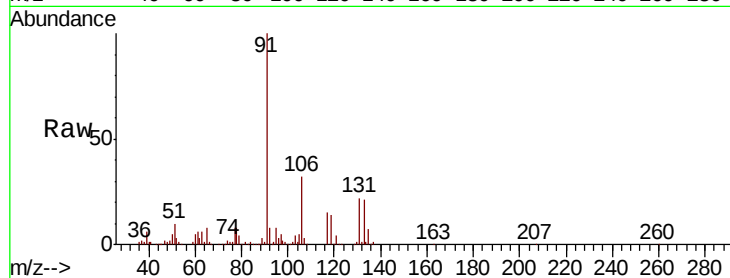




#67
Ethyl Benzene
Concen: 50.360 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

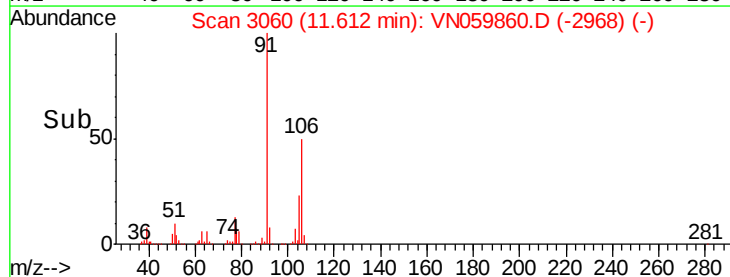
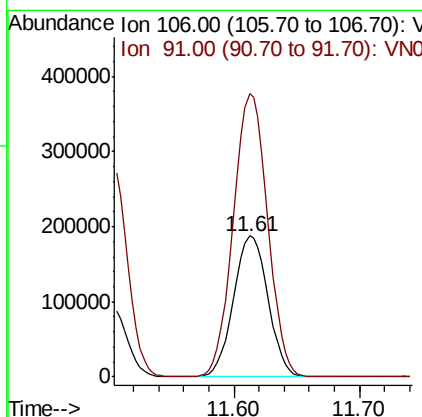
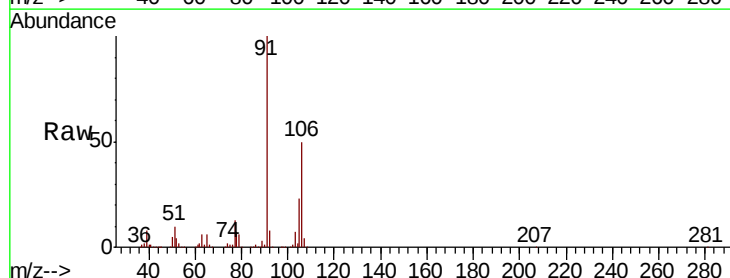
Instrument :
MSVOA_N
ClientSampled :

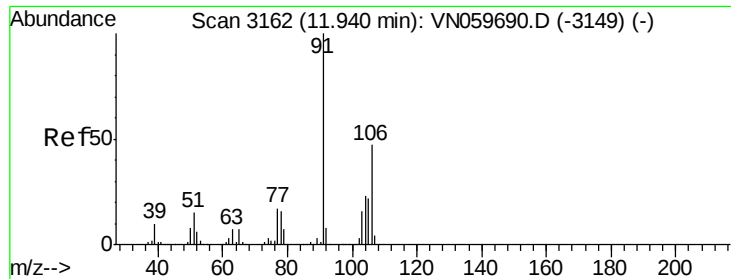
Tot Ion: 91 Resp: 469117
Ion Ratio Lower Upper
91 100
106 31.9 24.1 36.1



#68
m/p-Xylenes
Concen: 101.863 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 106 Resp: 358431
Ion Ratio Lower Upper
106 100
91 200.2 167.9 251.9

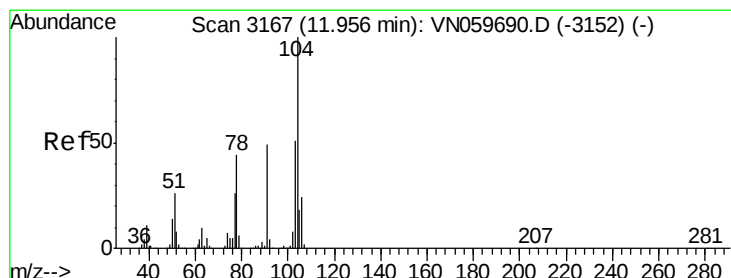
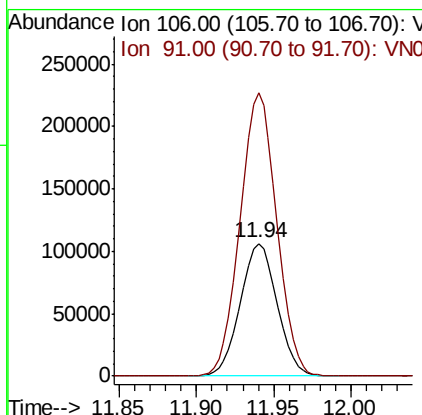
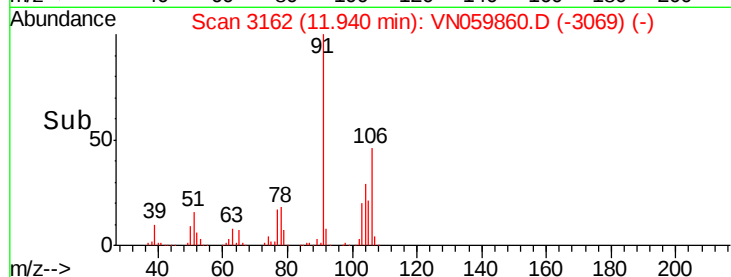
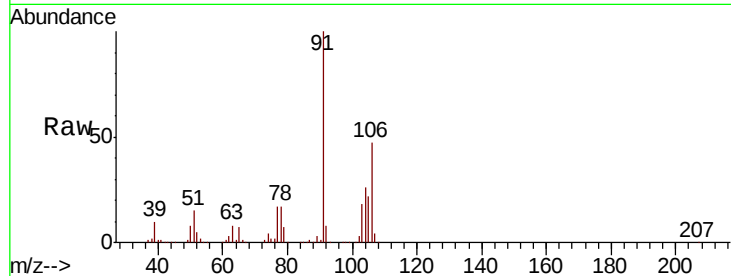




#69
o-Xylene
Concen: 51.087 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

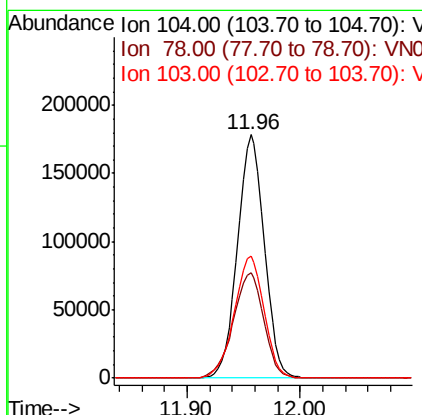
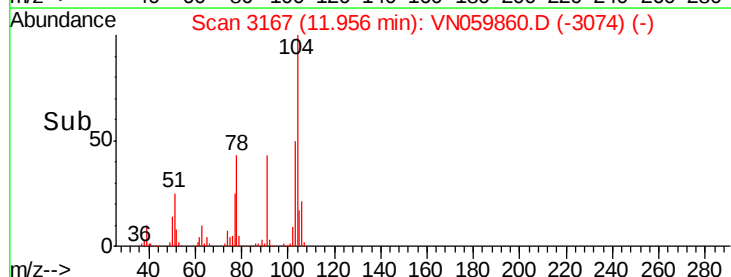
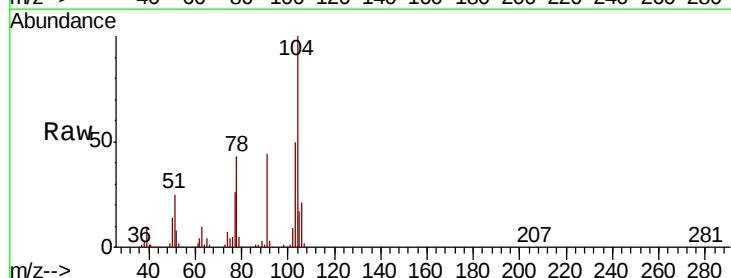
Instrument :
MSVOA_N
ClientSampled :

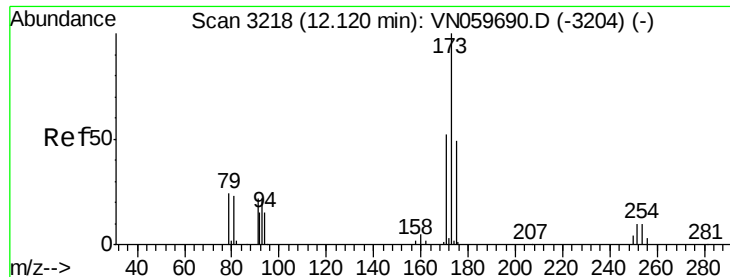
Tot Ion:106 Resp: 175990
Ion Ratio Lower Upper
106 100
91 212.6 110.3 330.9



#70
Styrene
Concen: 51.375 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:104 Resp: 296149
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 55.4 43.9 65.9

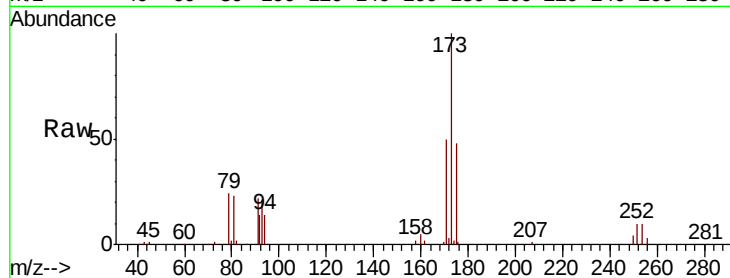




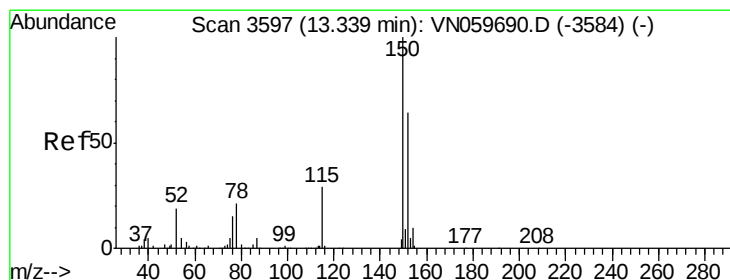
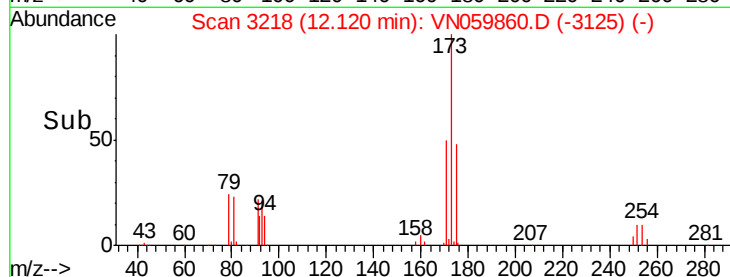
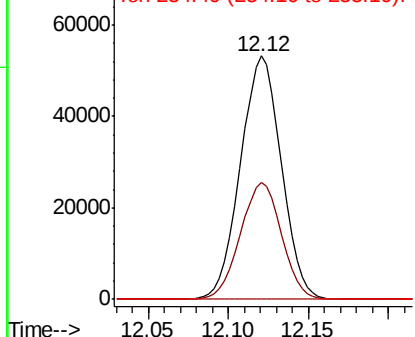
#71
Bromoform
Concen: 58.460 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 92849
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.4
254 0.0 0.0 0.0

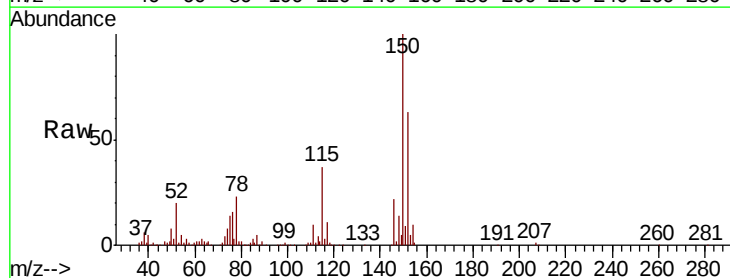


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

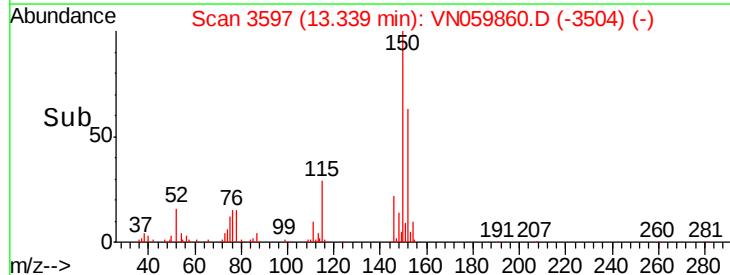
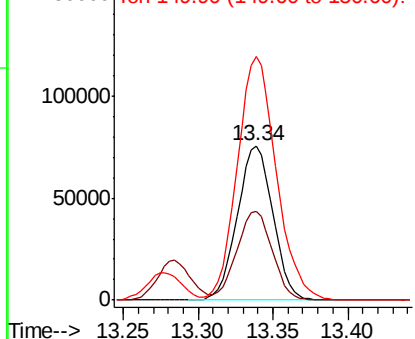


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:152 Resp: 125100
Ion Ratio Lower Upper
152 100
115 57.3 30.3 90.9
150 173.0 0.0 345.2



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: 50.930 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

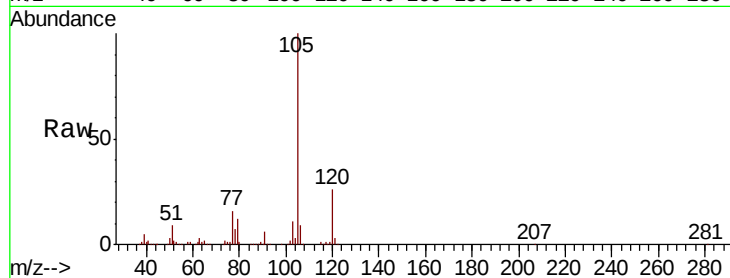
ClientSampleId :

Tot Ion:105 Resp: 467268

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

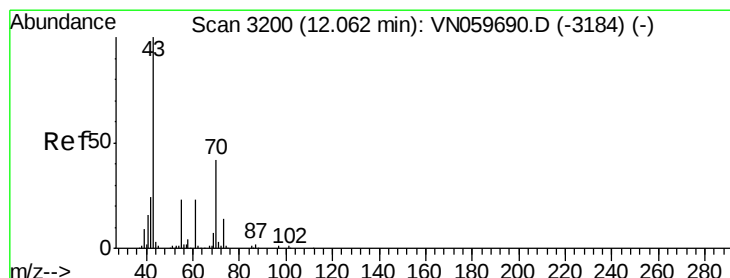
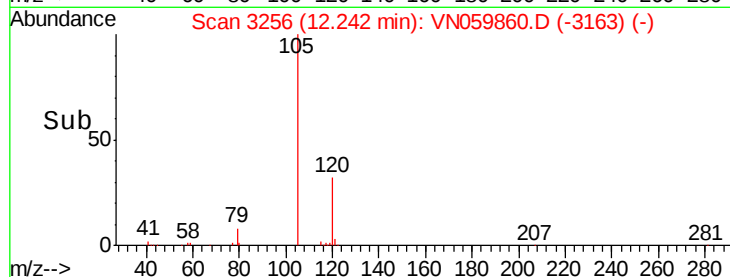
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.753 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Tgt Ion: 43 Resp: 180687

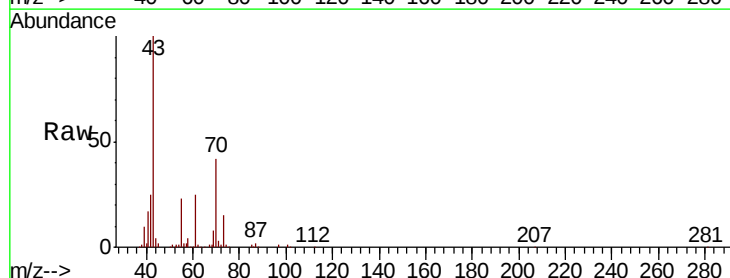
Ion Ratio Lower Upper

43 100

70 43.0 31.3 46.9

55 23.6 19.8 29.6

61 25.2 18.3 27.5



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

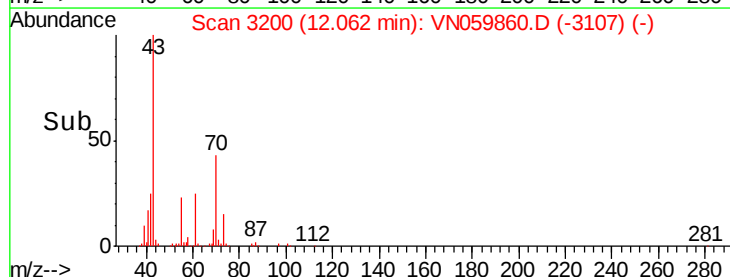
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.924 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

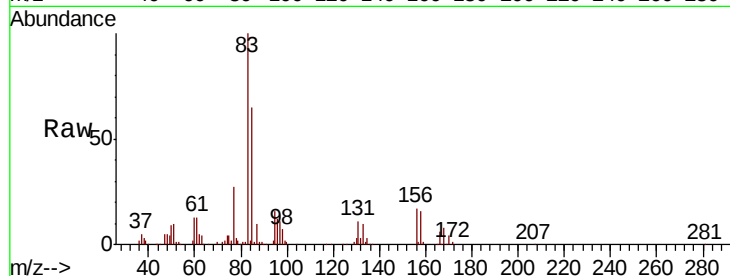
Tot Ion: 83 Resp: 148744

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

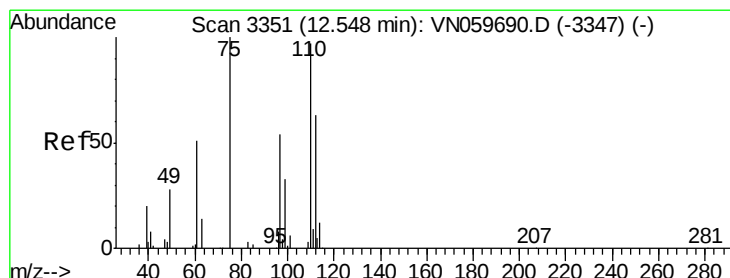
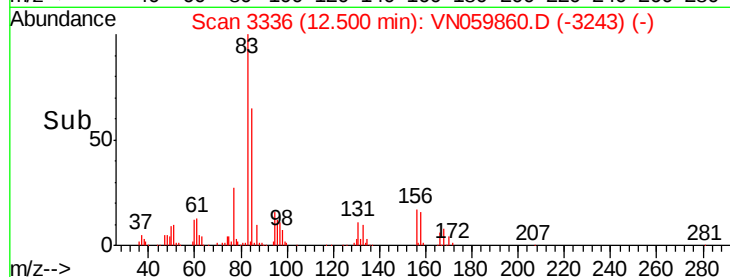
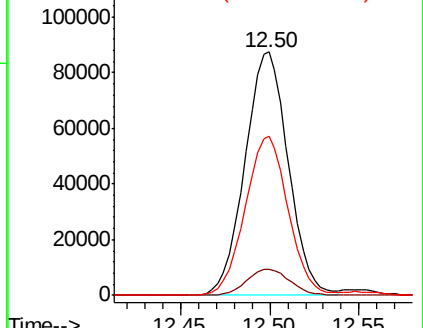
85 64.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059860.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059860.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059860.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 91.690 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059860.D

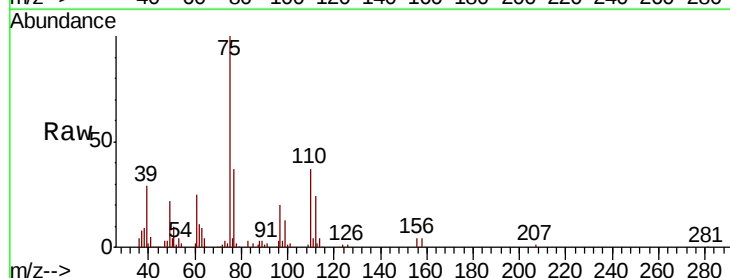
Acq: 24 Jan 2020 20:58

Tgt Ion: 75 Resp: 193035

Ion Ratio Lower Upper

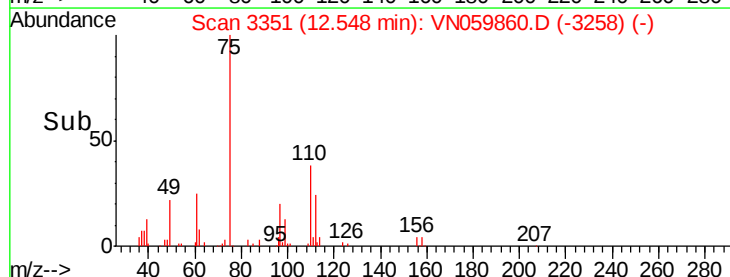
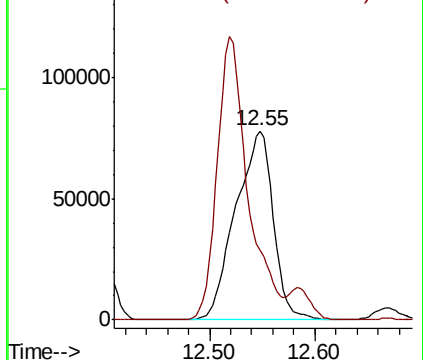
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059860.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059860.D (-3258) (-)





#77

Bromobenzene

Concen: 52.550 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampled :

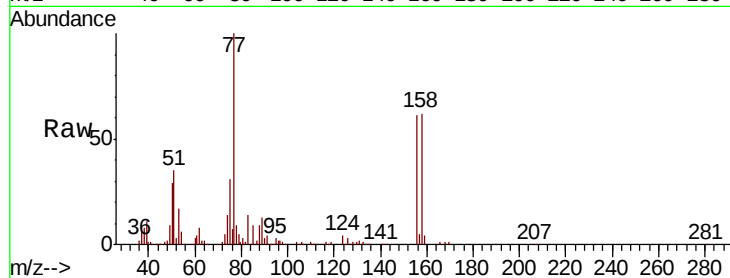
Tot Ion:156 Resp: 122094

Ion Ratio Lower Upper

156 100

77 194.3 115.8 347.4

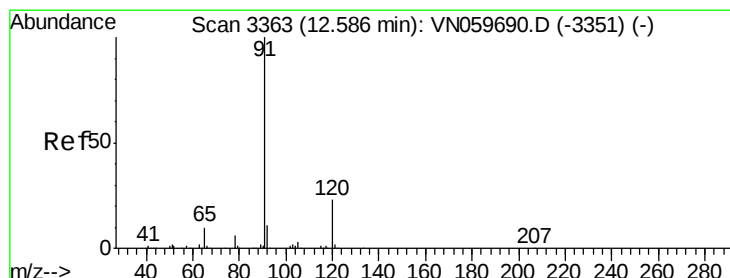
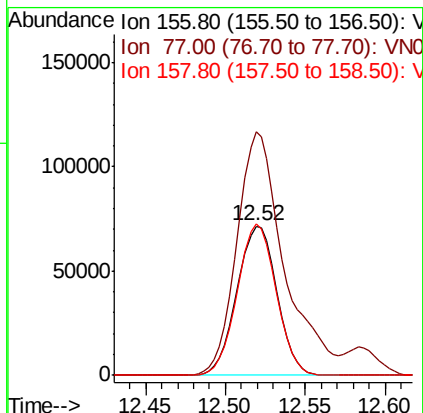
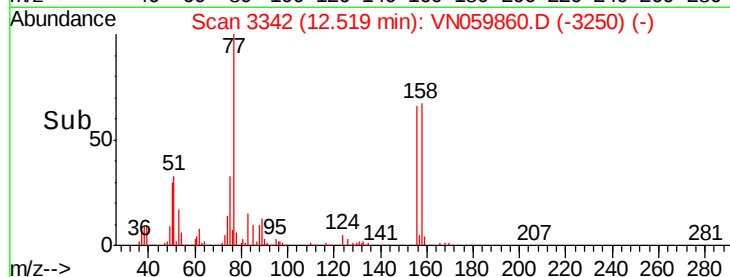
158 98.9 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.391 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059860.D

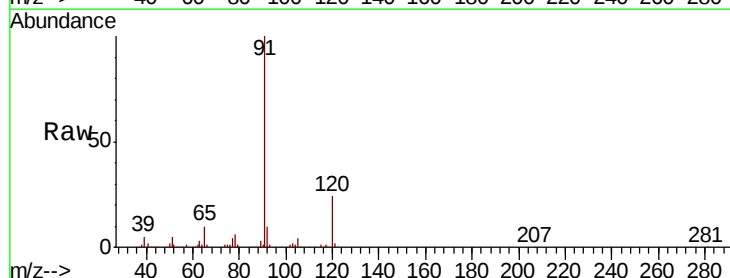
Acq: 24 Jan 2020 20:58

Tgt Ion: 91 Resp: 518916

Ion Ratio Lower Upper

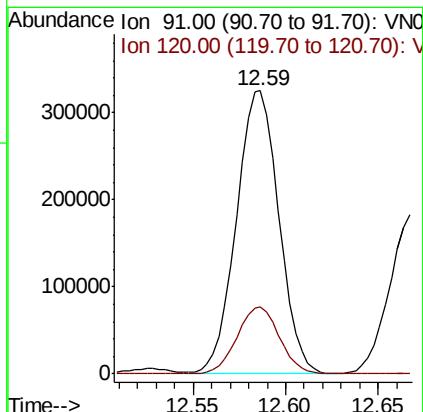
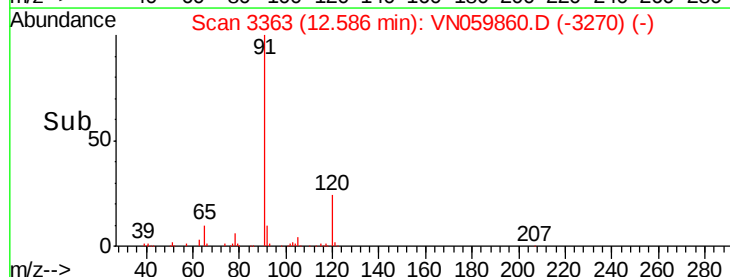
91 100

120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.595 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

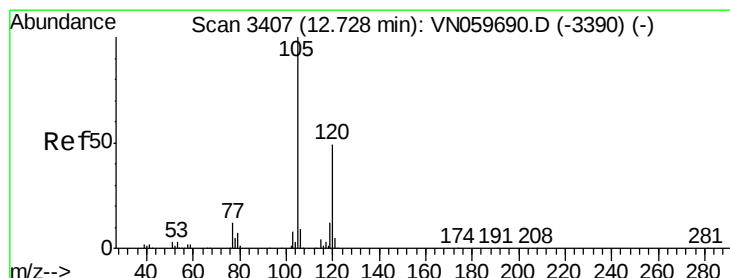
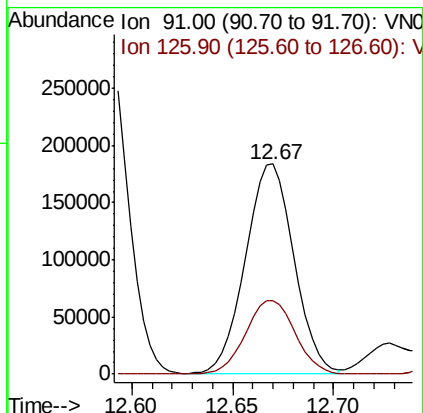
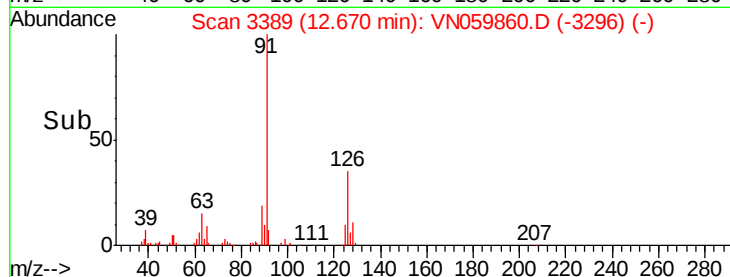
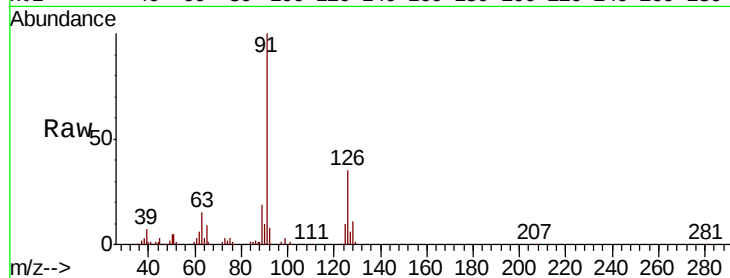
ClientSampled :

Tot Ion: 91 Resp: 309949

Ion Ratio Lower Upper

91 100

126 35.8 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 50.673 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059860.D

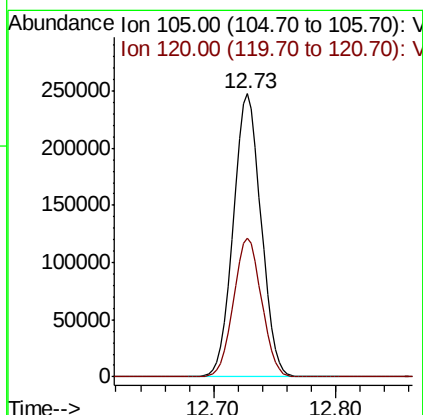
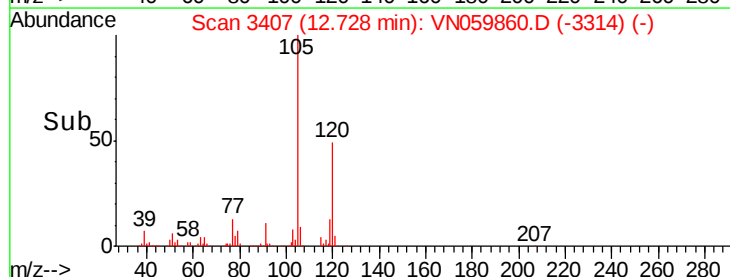
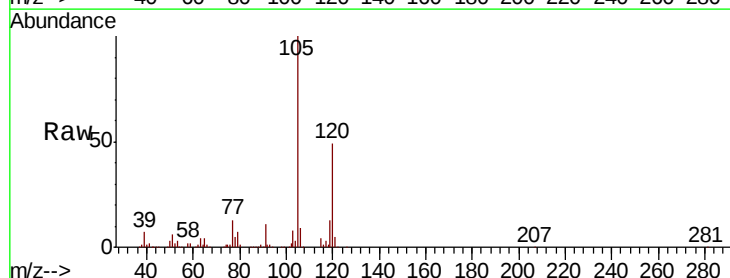
Acq: 24 Jan 2020 20:58

Tgt Ion: 105 Resp: 390988

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.086 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampled :

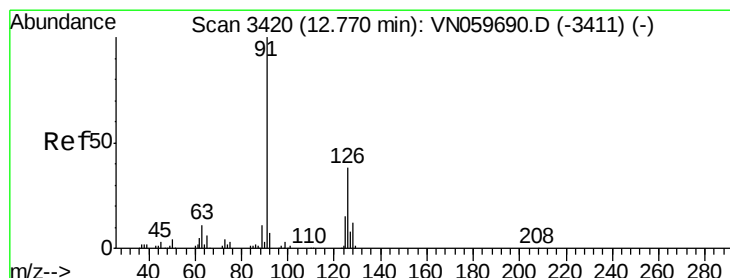
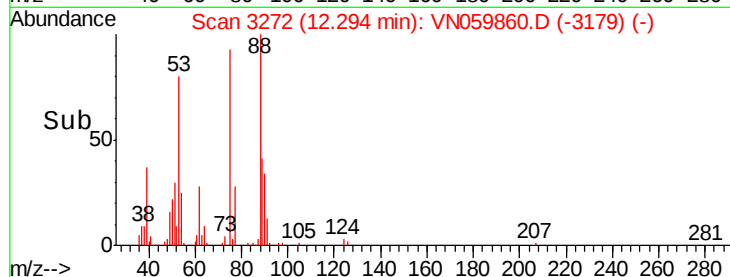
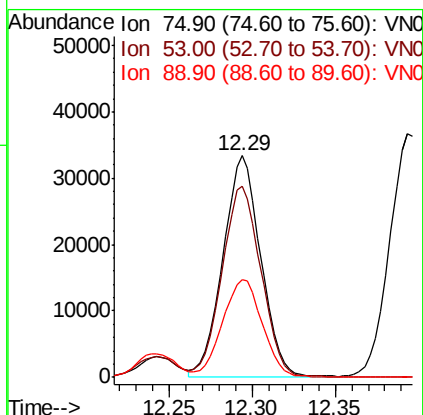
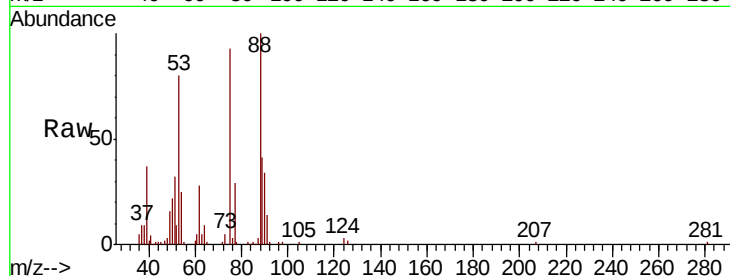
Tot Ion: 75 Resp: 53023

Ion Ratio Lower Upper

75 100

53 89.2 78.1 117.1

89 46.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 51.649 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN059860.D

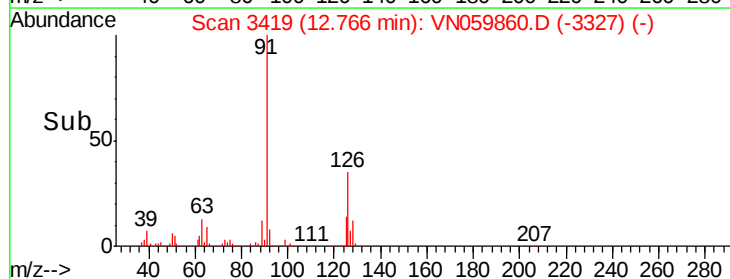
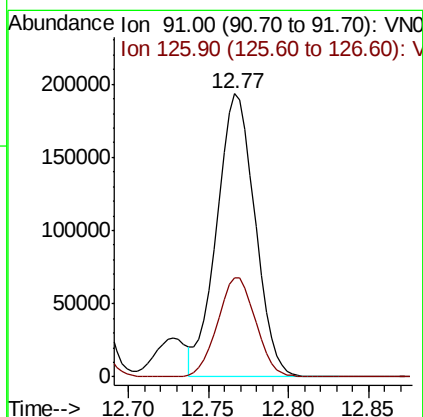
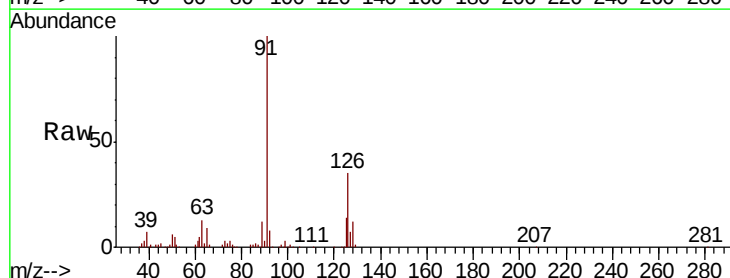
Acq: 24 Jan 2020 20:58

Tgt Ion: 91 Resp: 317363

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8

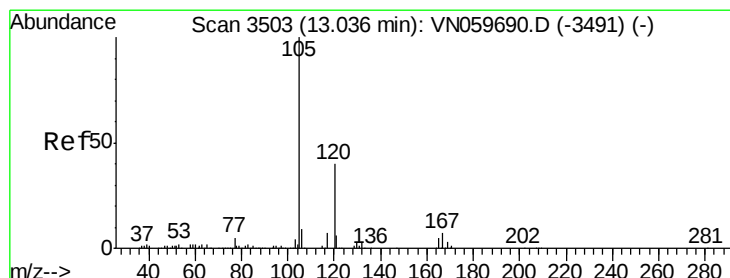
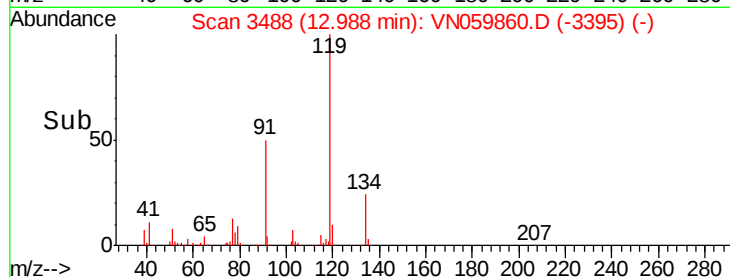
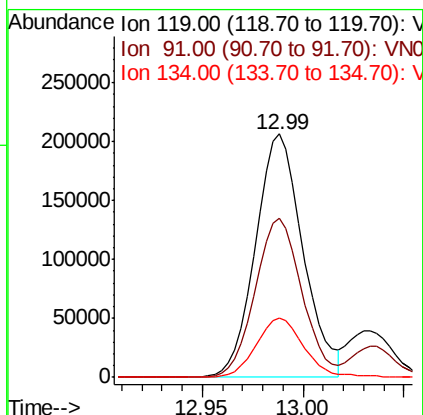
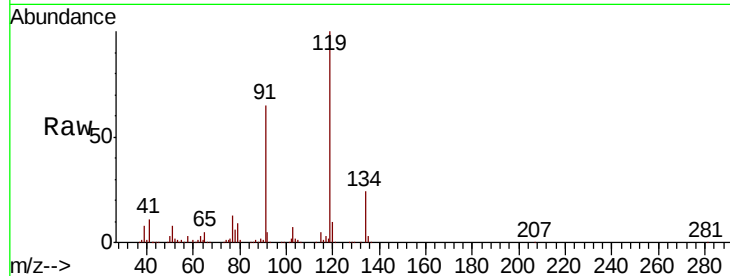




#83
tert-Butylbenzene
Concen: 50.791 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

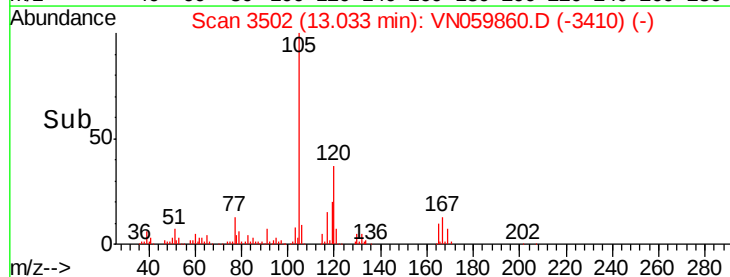
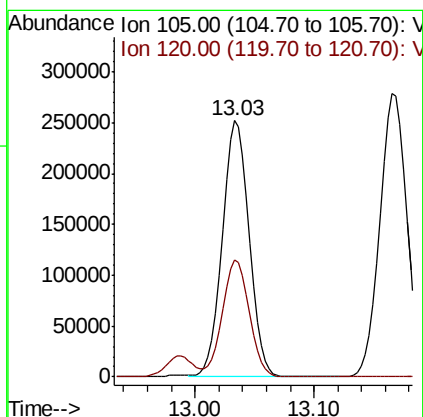
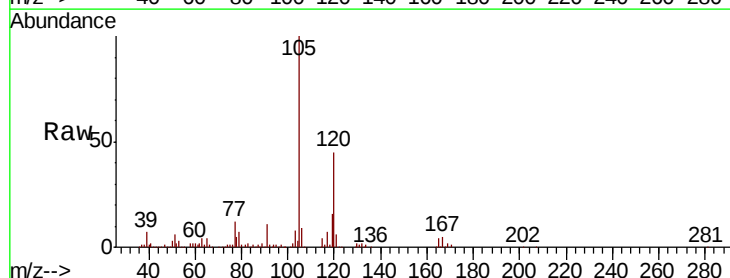
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 338948
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.4
134 24.5 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 51.526 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion:105 Resp: 393329
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9

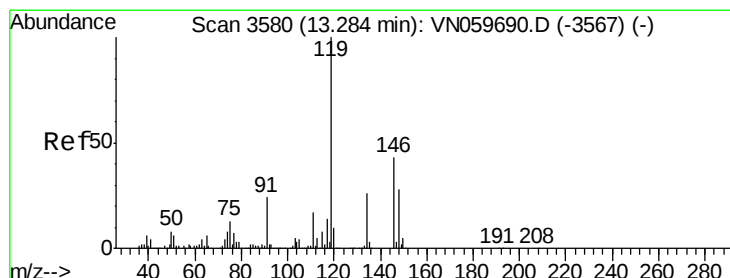
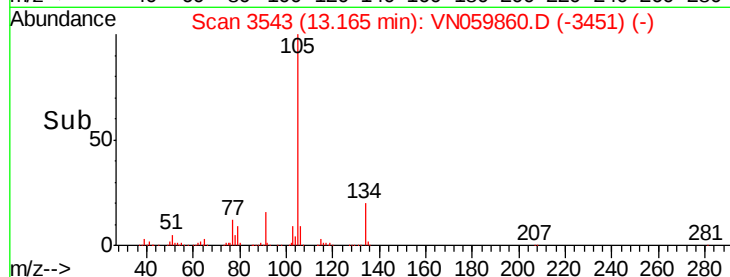
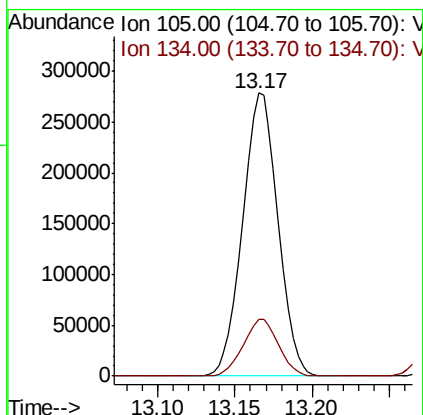
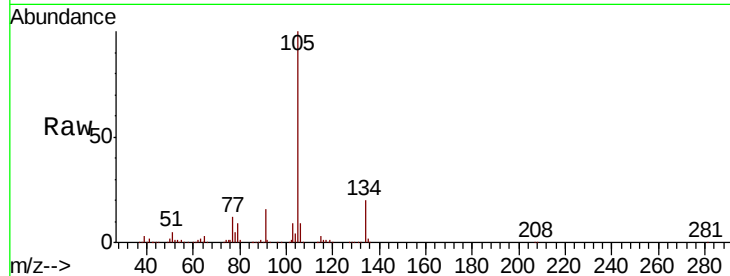




#85
 sec-Butylbenzene
 Concen: 50.518 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

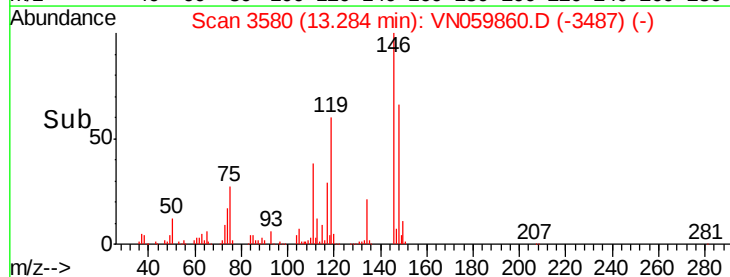
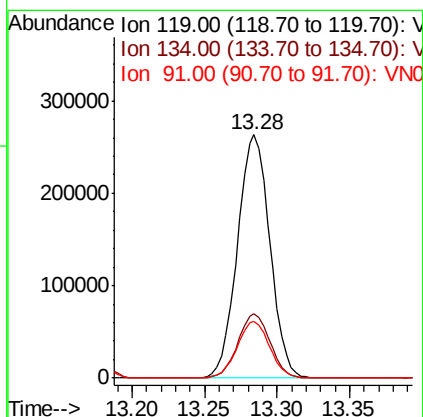
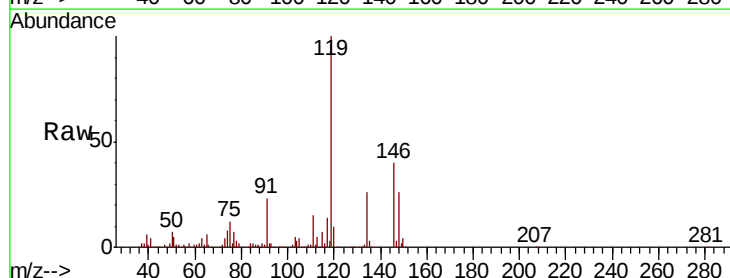
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:105 Resp: 442930
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.135 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion:119 Resp: 406735
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.115 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

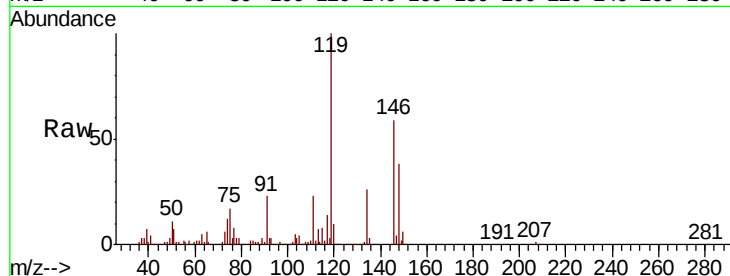
Tot Ion:146 Resp: 210328

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.2

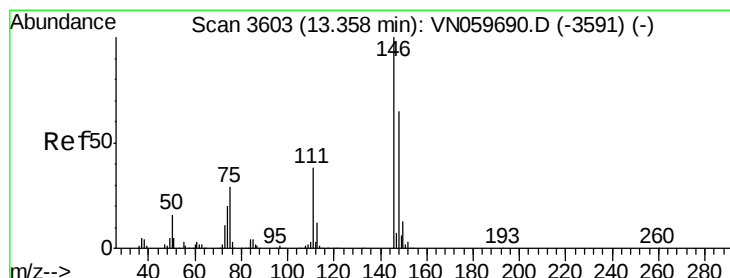
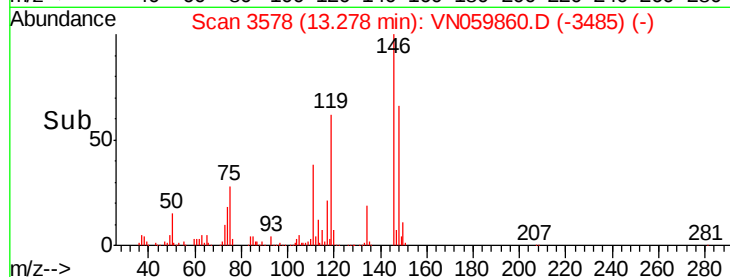
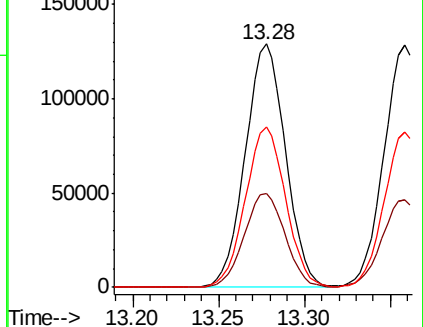
148 65.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.308 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

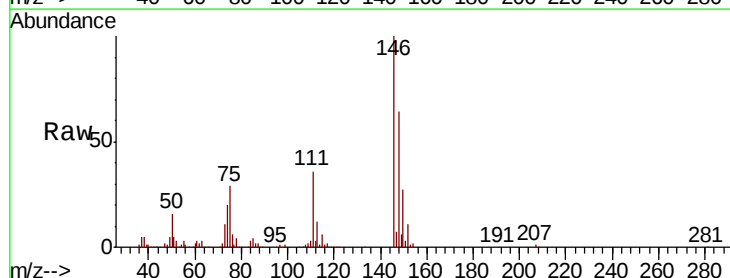
Tgt Ion:146 Resp: 210601

Ion Ratio Lower Upper

146 100

111 37.6 20.8 62.2

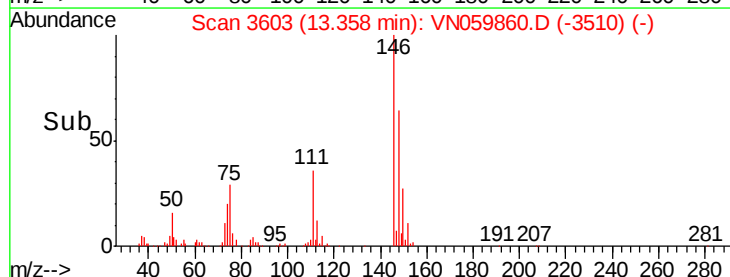
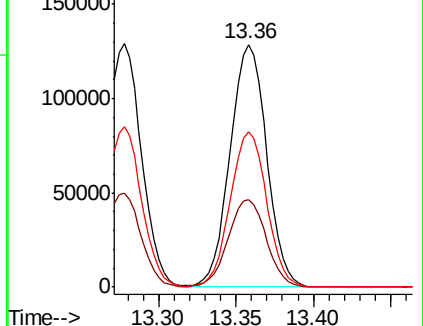
148 63.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

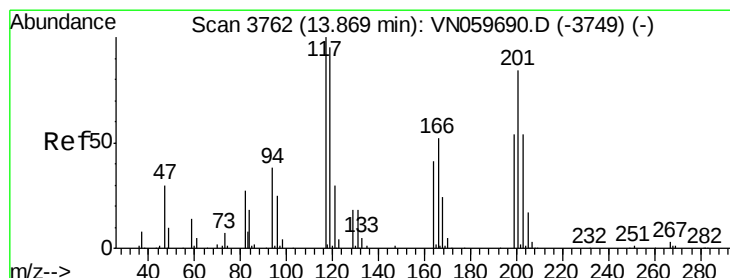
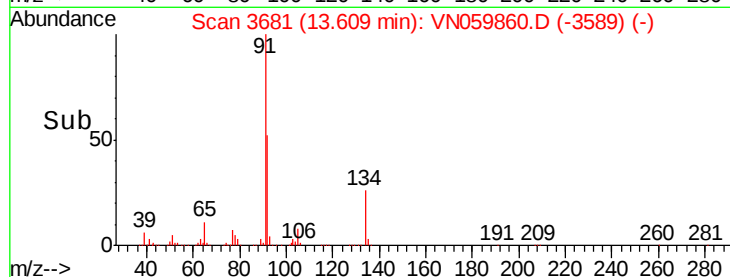
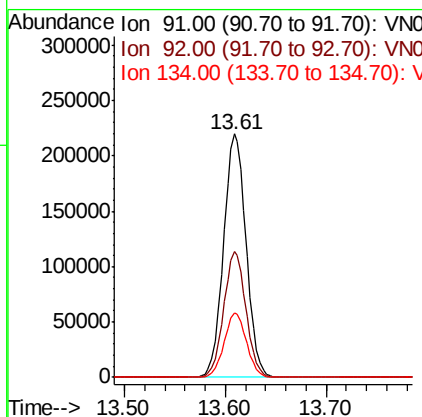
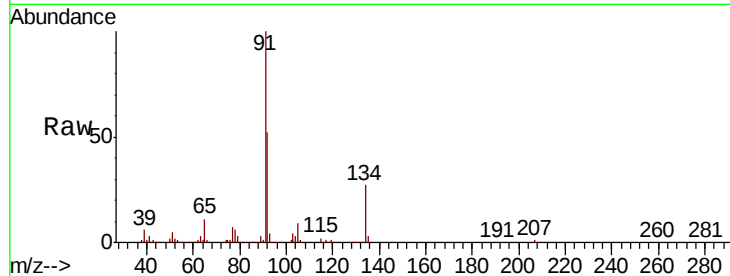




#89
n-Butylbenzene
Concen: 49.637 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

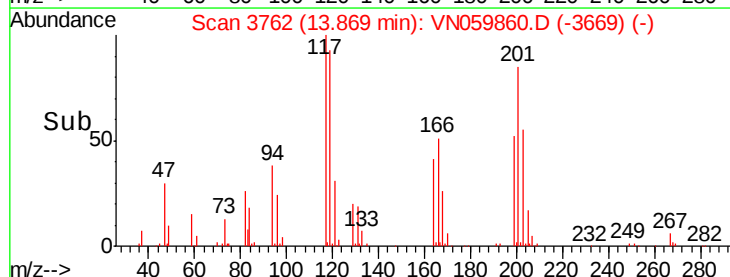
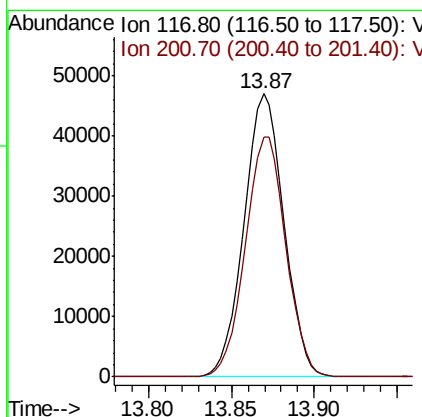
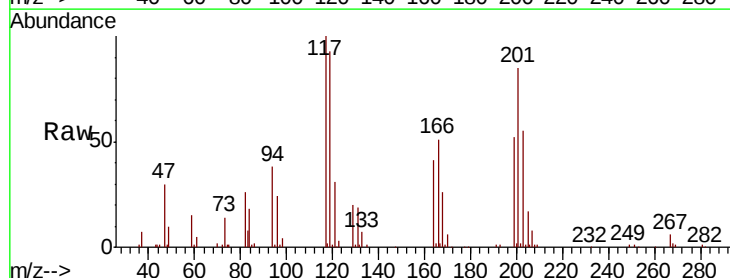
Instrument :
MSVOA_N
ClientSampled :

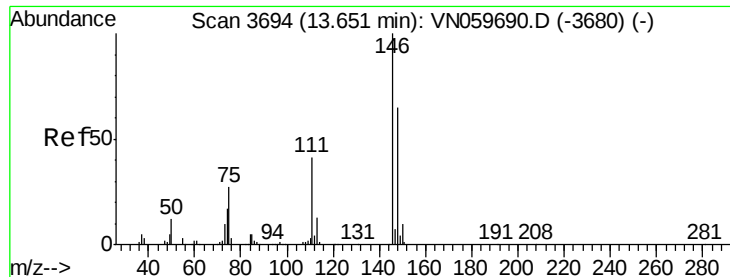
Tot Ion: 91 Resp: 343355
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.7
134 26.4 12.3 36.8



#90
Hexachloroethane
Concen: 51.833 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion: 117 Resp: 78677
Ion Ratio Lower Upper
117 100
201 85.8 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 53.007 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

Instrument :

MSVOA_N

ClientSampleId :

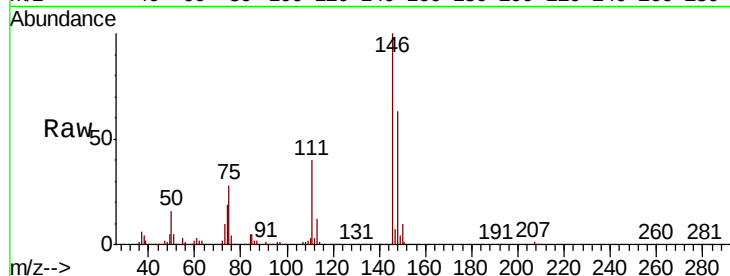
Tot Ion:146 Resp: 211493

Ion Ratio Lower Upper

146 100

111 39.6 21.6 64.8

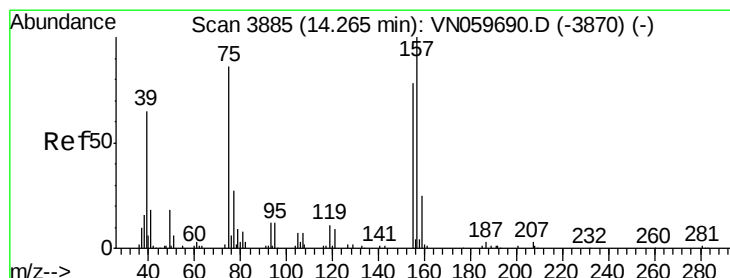
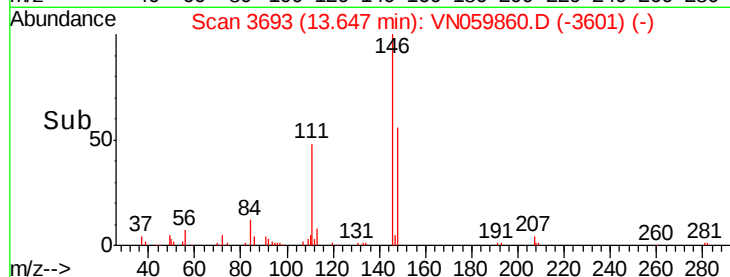
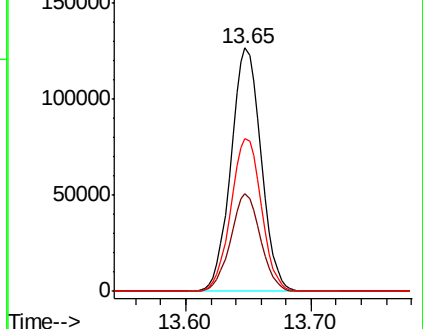
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.328 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059860.D

Acq: 24 Jan 2020 20:58

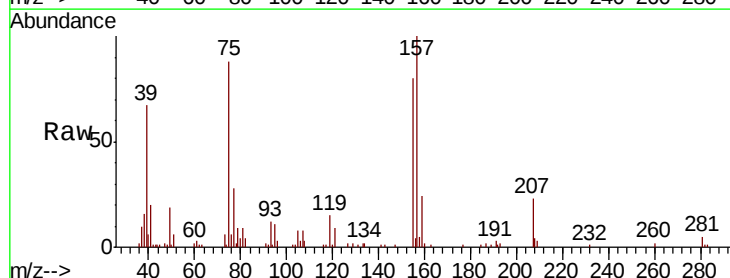
Tgt Ion: 75 Resp: 30912

Ion Ratio Lower Upper

75 100

155 88.8 37.0 110.9

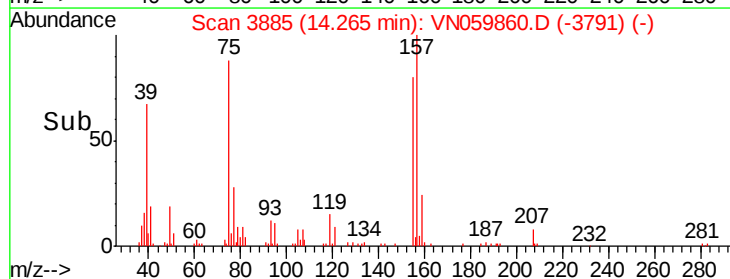
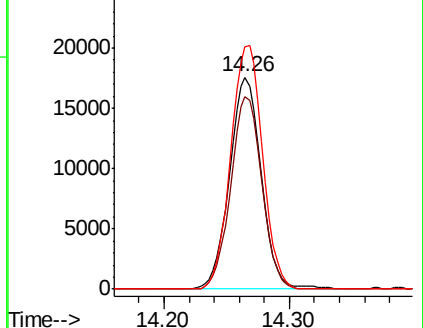
157 114.9 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

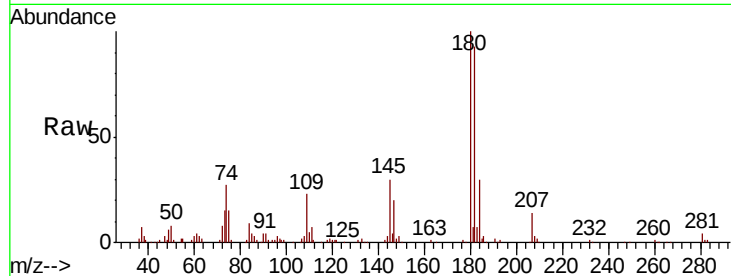




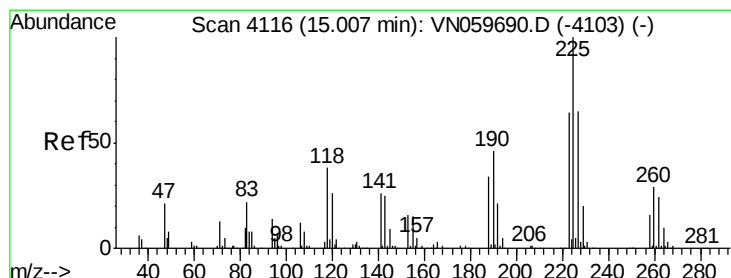
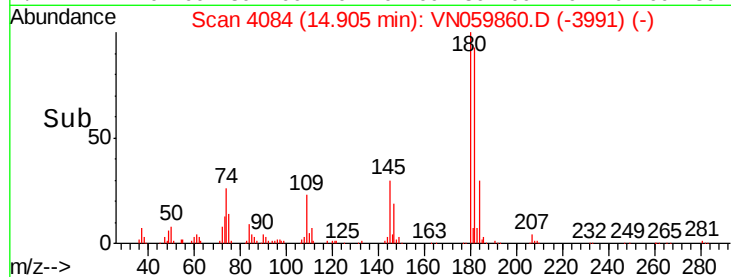
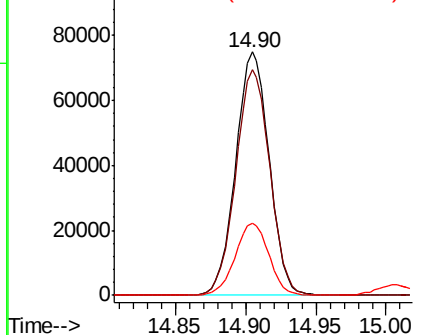
#93
 1,2,4-Trichlorobenzene
 Concen: 52.002 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 124673
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.7
 145 29.7 15.0 45.1

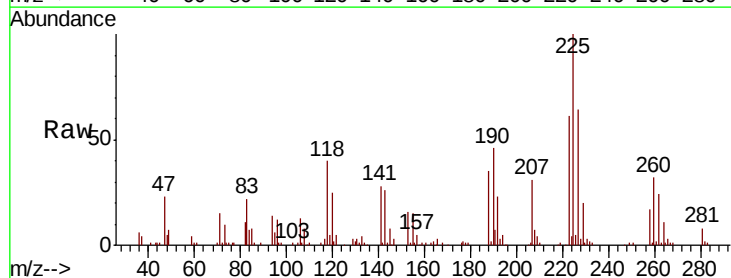


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

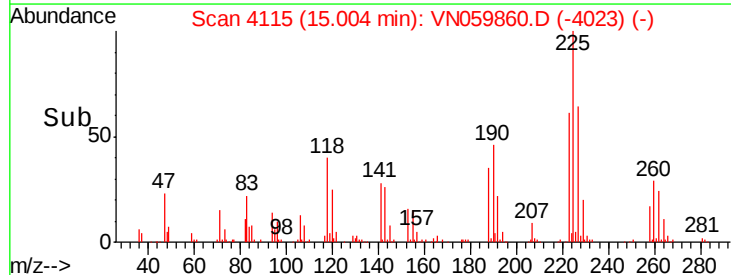
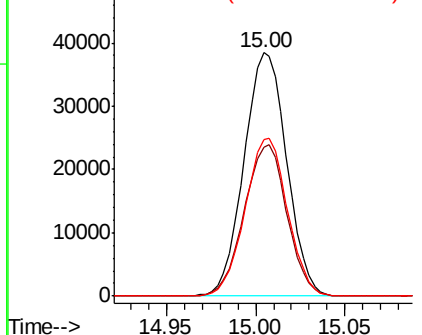


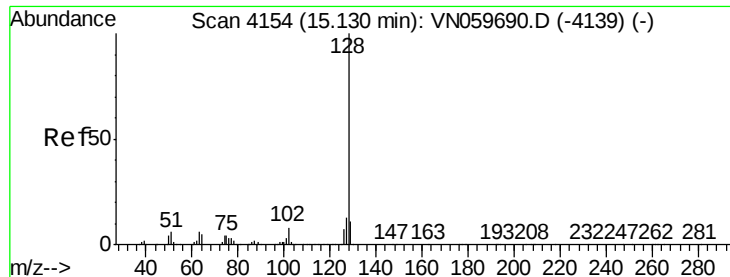
#94
 Hexachlorobutadiene
 Concen: 48.703 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN059860.D
 Acq: 24 Jan 2020 20:58

Tgt Ion:225 Resp: 64344
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.8 95.3
 227 64.0 32.1 96.5



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

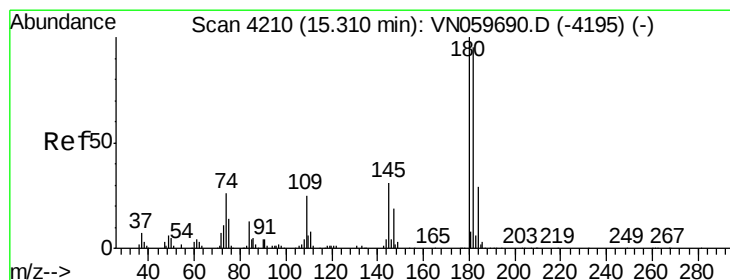
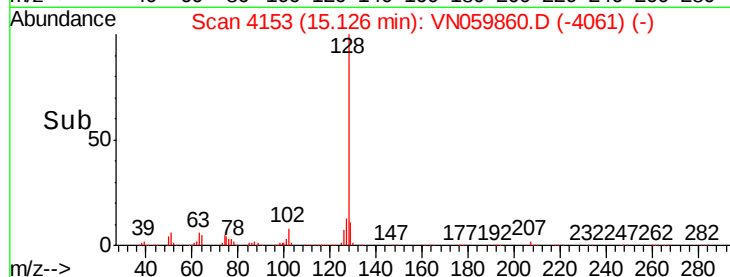
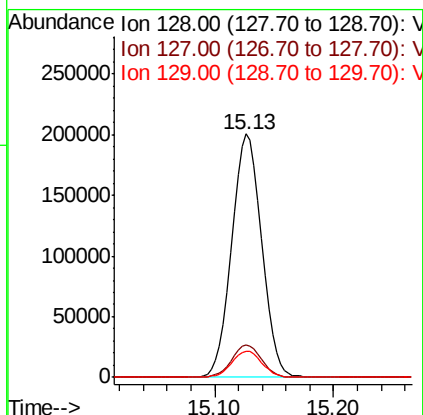
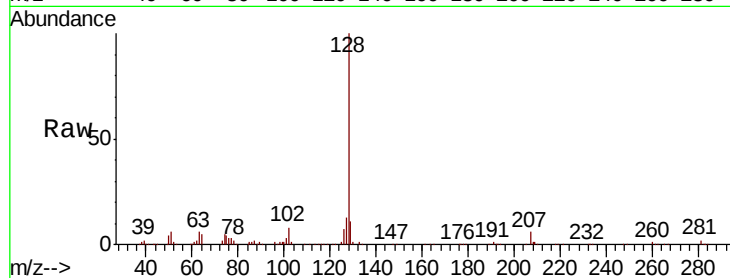




#95
Naphthalene
Concen: 51.297 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.477 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059860.D
Acq: 24 Jan 2020 20:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	31.7	16.3	48.9

