

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059833.D
 Acq On : 24 Jan 2020 9:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 25 00:23:58 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	210381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	117011	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.56	113	98952	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.08	98	379632	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	136756	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	117753	47.447	ug/l	97
3) Chloromethane	2.04	50	107456	44.614	ug/l	99
4) Vinyl Chloride	2.17	62	139864	50.752	ug/l	96
5) Bromomethane	2.53	94	84456	50.217	ug/l	100
6) Chloroethane	2.68	64	66323	50.869	ug/l	99
7) Trichlorofluoromethane	3.00	101	168133	50.802	ug/l	99
8) Diethyl Ether	3.38	74	58316	50.208	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	97758	53.071	ug/l	92
10) Methyl Iodide	3.93	142	146838	49.317	ug/l	95
11) Tert butyl alcohol	4.73	59	89826	228.385	ug/l	100
12) 1,1-Dichloroethene	3.72	96	93710	48.687	ug/l	89
13) Acrolein	3.58	56	64782	232.681	ug/l	96
14) Allyl chloride	4.29	41	127053	48.973	ug/l #	87
15) Acrylonitrile	4.94	53	219068	244.177	ug/l	100
16) Acetone	3.78	43	264759	335.685	ug/l	94
17) Carbon Disulfide	4.03	76	244135	44.526	ug/l	99
18) Methyl Acetate	4.28	43	132350	48.498	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	318125	50.693	ug/l	94
20) Methylene Chloride	4.52	84	105938	50.121	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	100896	49.314	ug/l	87
22) Diisopropyl ether	5.91	45	290958	49.489	ug/l #	96
23) Vinyl Acetate	5.86	43	1110303	243.915	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	179052	49.842	ug/l	98
25) 2-Butanone	6.80	43	326067	246.451	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	174395	50.496	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	118142	50.204	ug/l	88
28) Bromochloromethane	7.17	49	73653	51.297	ug/l #	73
29) Tetrahydrofuran	7.18	42	182562	223.018	ug/l #	86
30) Chloroform	7.35	83	191937	51.566	ug/l	100
31) Cyclohexane	7.63	56	154380	44.660	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	176142	51.181	ug/l	96
36) 1,1-Dichloropropene	7.77	75	141195	50.573	ug/l	96
37) Ethyl Acetate	6.90	43	121764	46.500	ug/l	98
38) Carbon Tetrachloride	7.75	117	156398	51.497	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059833.D
 Acq On : 24 Jan 2020 9:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 25 00:23:58 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)
39) Methylcyclohexane	9.06	83	170374	49.492	ug/l	91
40) Benzene	8.02	78	416734	50.049	ug/l	100
41) Methacrylonitrile	7.17	41	172767	133.950	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	144466	51.173	ug/l	96
43) Isopropyl Acetate	8.14	43	211697	47.002	ug/l #	94
44) Trichloroethene	8.82	130	122575	53.926	ug/l	93
45) 1,2-Dichloropropane	9.10	63	107016	51.940	ug/l	100
46) Dibromomethane	9.19	93	74619	51.341	ug/l	91
47) Bromodichloromethane	9.39	83	156081	53.291	ug/l	99
48) Methyl methacrylate	9.18	41	93122	46.223	ug/l #	88
49) 1,4-Dioxane	9.18	88	37706	1022.374	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	607449	233.307	ug/l	94
52) Toluene	10.14	92	272625	51.836	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	173557	53.070	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	183336	53.280	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	107739	51.723	ug/l	97
56) Ethyl methacrylate	10.42	69	157133	49.368	ug/l	91
57) 1,3-Dichloropropane	10.70	76	175443	53.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	207721	216.672	ug/l	90
59) 2-Hexanone	10.74	43	475940	248.129	ug/l	94
60) Dibromochloromethane	10.89	129	129692	54.675	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114319	52.362	ug/l	98
64) Tetrachloroethene	10.62	164	125075	52.953	ug/l	95
65) Chlorobenzene	11.43	112	300337	52.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	118878	54.009	ug/l	99
67) Ethyl Benzene	11.50	91	540212	52.241	ug/l	97
68) m/p-Xylenes	11.62	106	408086	104.473	ug/l	94
69) o-Xylene	11.94	106	197531	51.654	ug/l	95
70) Styrene	11.96	104	332853	52.015	ug/l	97
71) Bromoform	12.12	173	97639	55.379	ug/l #	100
73) Isopropylbenzene	12.25	105	536475	51.148	ug/l	99
74) N-amyl acetate	12.06	43	183872	45.178	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	146466	48.169	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	199442	82.866	ug/l #	100
77) Bromobenzene	12.52	156	135376	50.967	ug/l	82
78) n-propylbenzene	12.59	91	607502	51.603	ug/l	97
79) 2-Chlorotoluene	12.67	91	354758	50.655	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	452842	51.337	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	53830	48.030	ug/l	94
82) 4-Chlorotoluene	12.77	91	364367	51.870	ug/l	96
83) tert-Butylbenzene	12.99	119	386923	50.717	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	450641	51.639	ug/l	98
85) sec-Butylbenzene	13.17	105	521355	52.014	ug/l	99
86) p-Isopropyltoluene	13.29	119	479697	51.721	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	245438	53.196	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	242125	52.604	ug/l	97
89) n-Butylbenzene	13.61	91	416619	52.684	ug/l	98
90) Hexachloroethane	13.87	117	90432	52.114	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	235879	51.713	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30681	46.880	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
Data File : VN059833.D
Acq On : 24 Jan 2020 9:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 25 00:23:58 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

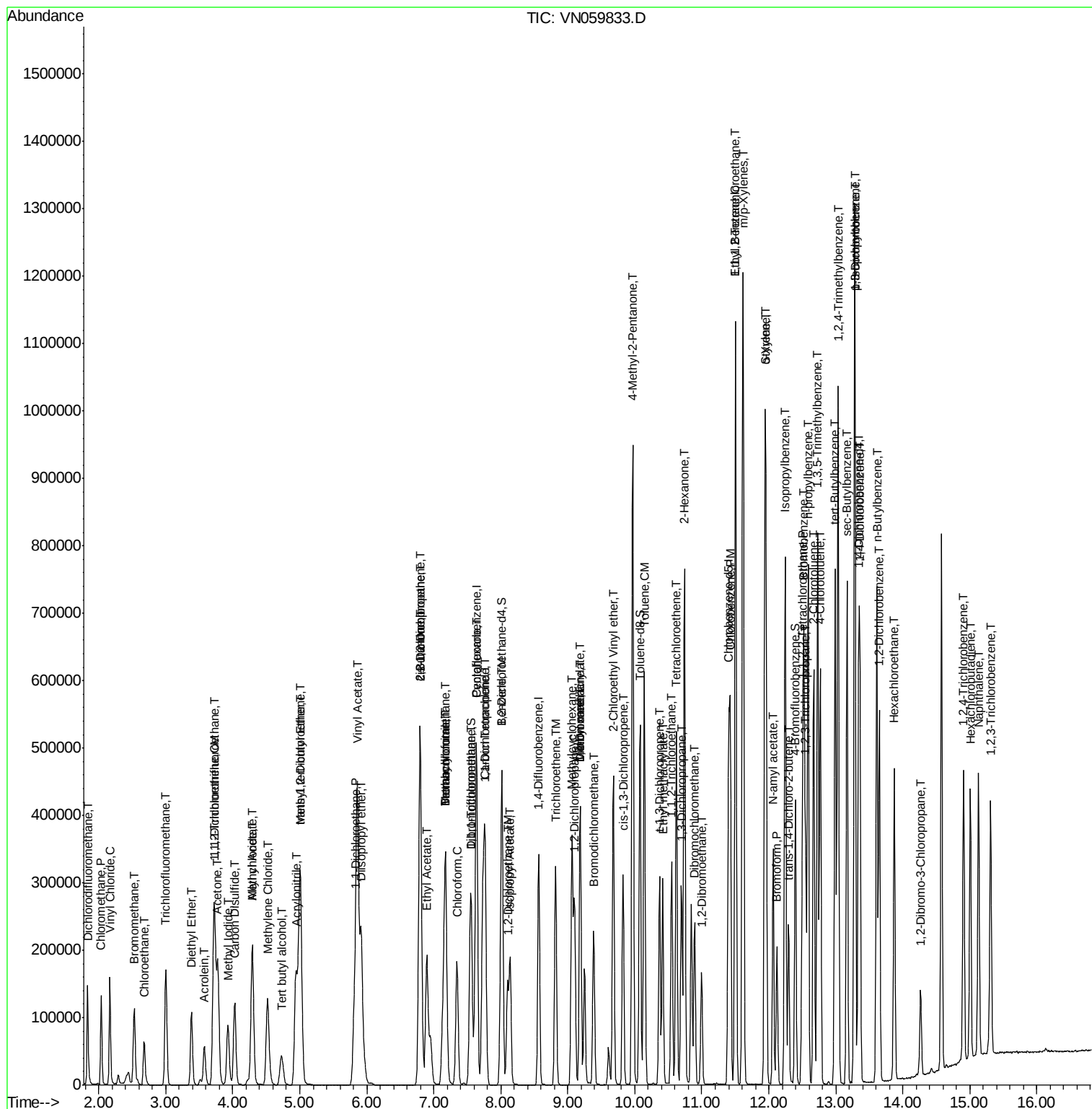
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143330	52.295	ug/l	99
94) Hexachlorobutadiene	15.01	225	79298	52.503	ug/l	99
95) Naphthalene	15.13	128	365422	46.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133971	50.218	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012420\
Data File : VN059833.D
Acq On : 24 Jan 2020 9:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jan 25 00:23:58 2020
Quant Method : Z:\V0ASRV\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# 1825

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

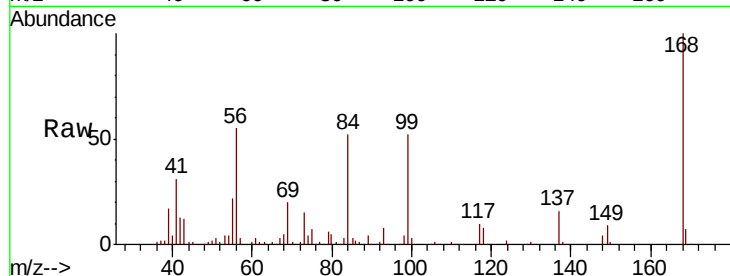
ClientSampleId :

Tot Ion:168 Resp: 210381

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): VNO

7.64

80000

60000

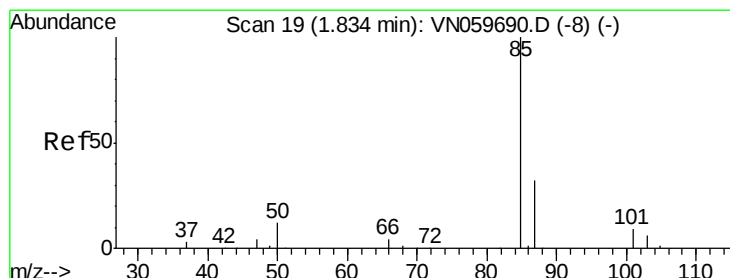
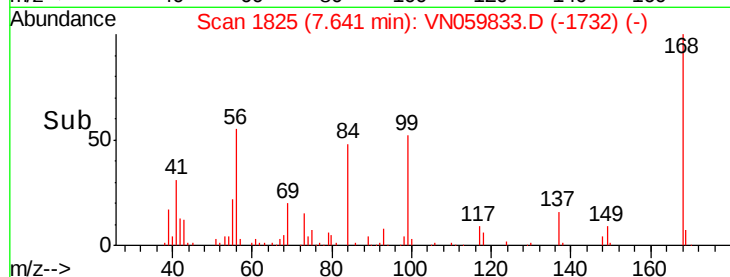
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.447 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059833.D

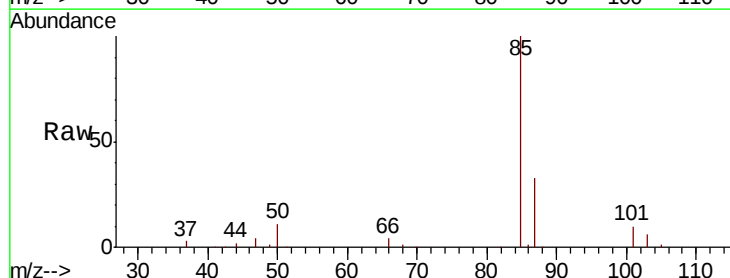
Acq: 24 Jan 2020 9:44

Tgt Ion: 85 Resp: 117753

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

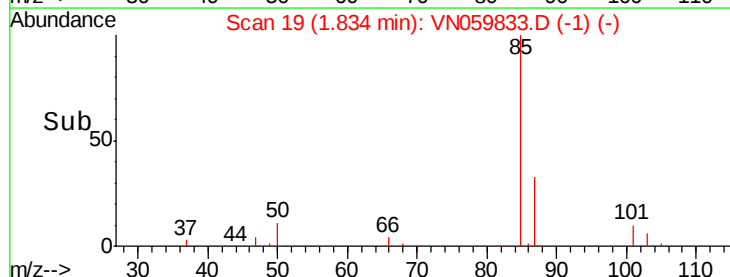
40000

20000

0

1.75 1.80 1.85 1.90 1.95

Time-->

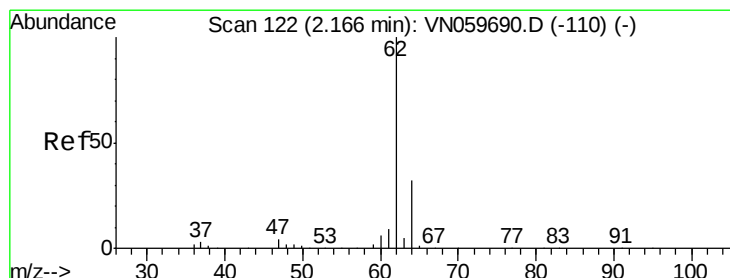
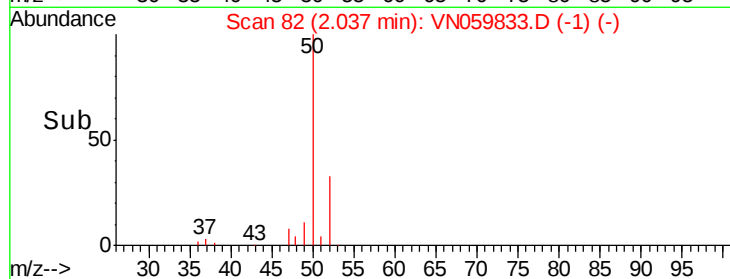
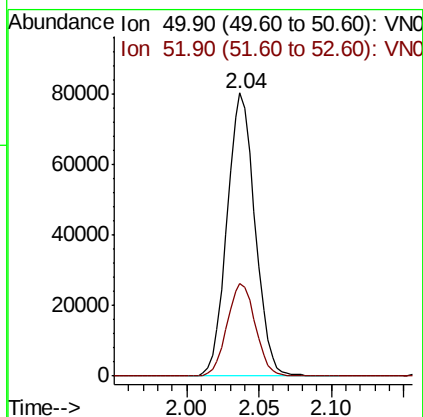
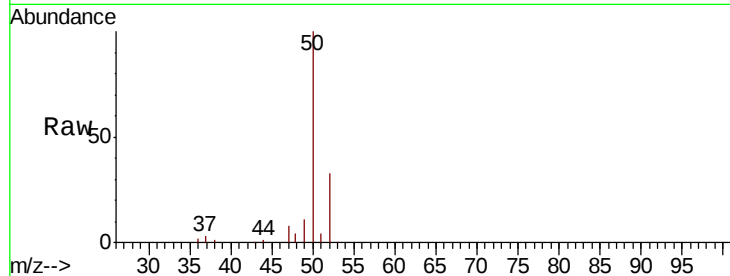




#3
 Chloromethane
 Concen: 44.614 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

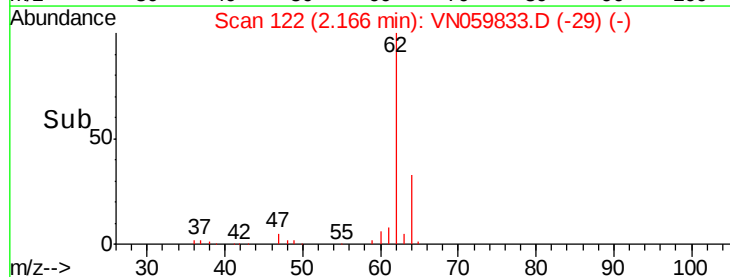
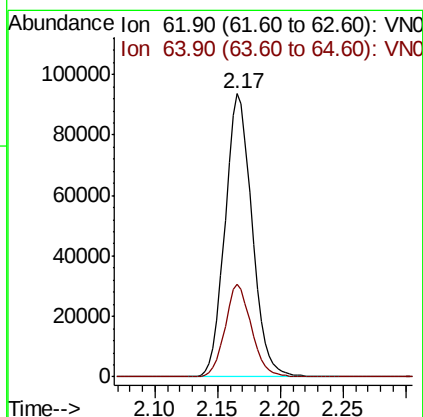
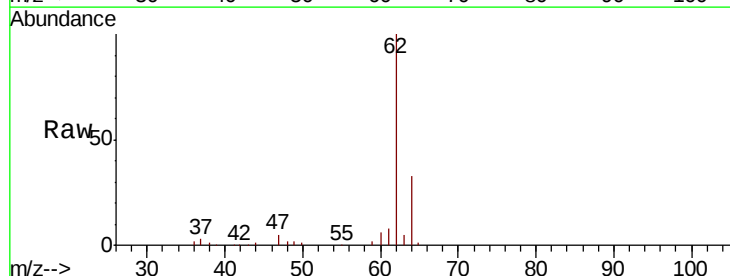
Instrument :
 MSVOA_N
 ClientSampleId :

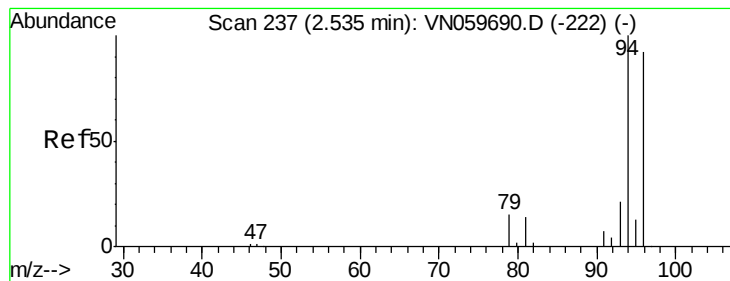
Tot Ion: 50 Resp: 107456
 Ion Ratio Lower Upper
 50 100
 52 32.8 25.9 38.9



#4
 Vinyl Chloride
 Concen: 50.752 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion: 62 Resp: 139864
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.6 37.0





#5

Bromomethane

Concen: 50.217 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

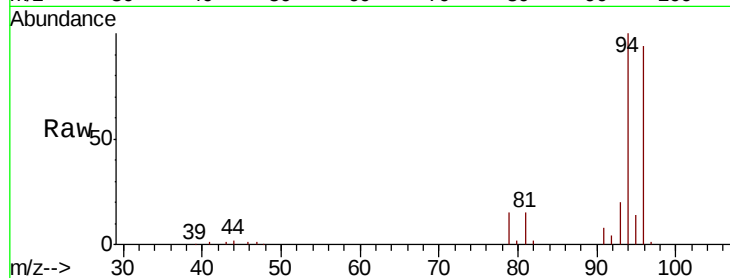
ClientSampleId :

Tot Ion: 94 Resp: 84456

Ion Ratio Lower Upper

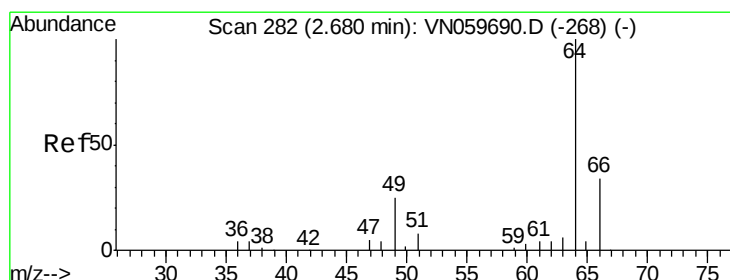
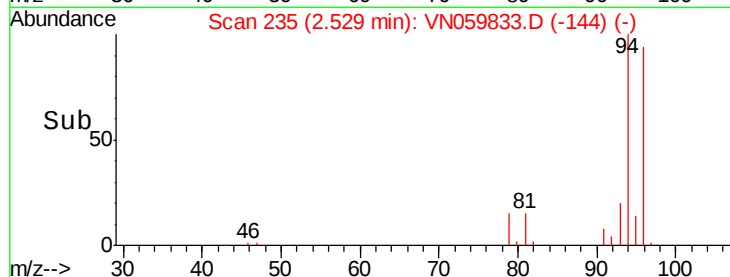
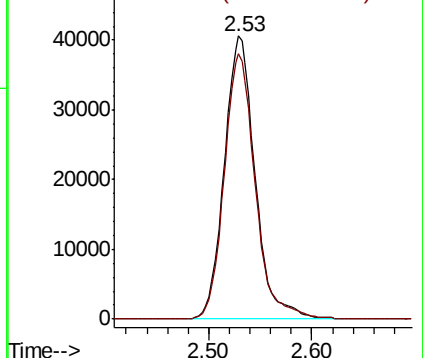
94 100

96 93.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.869 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059833.D

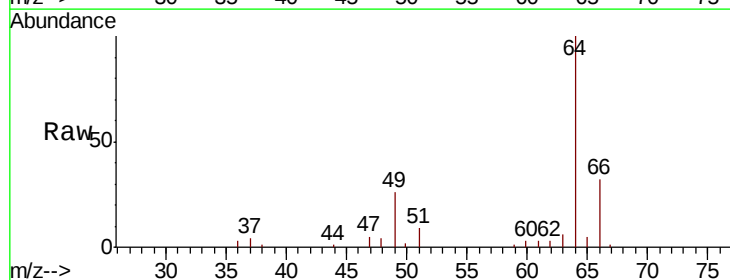
Acq: 24 Jan 2020 9:44

Tgt Ion: 64 Resp: 66323

Ion Ratio Lower Upper

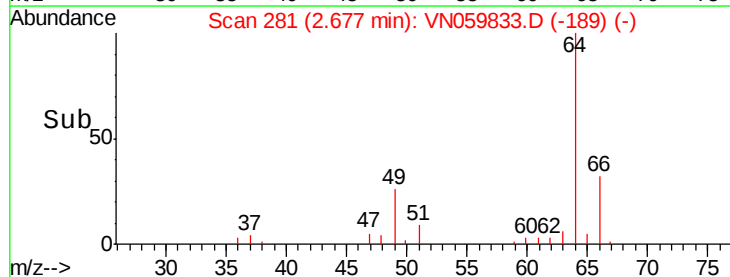
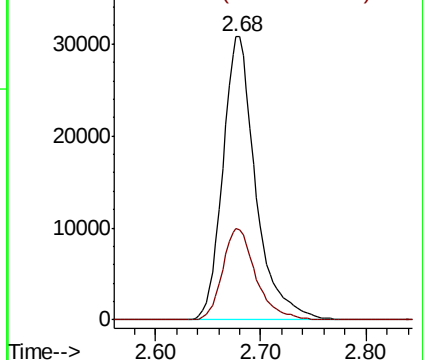
64 100

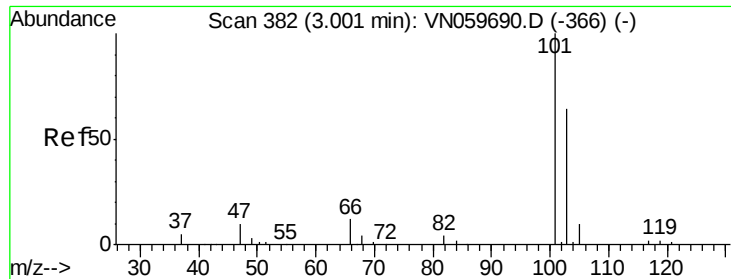
66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



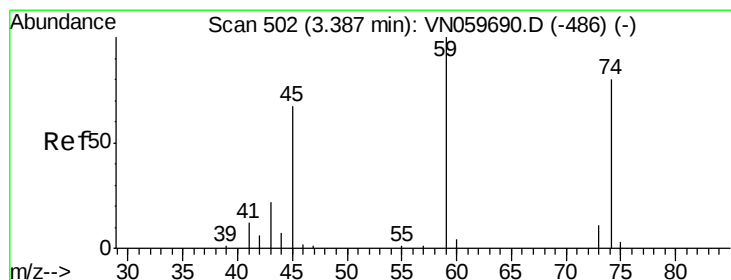
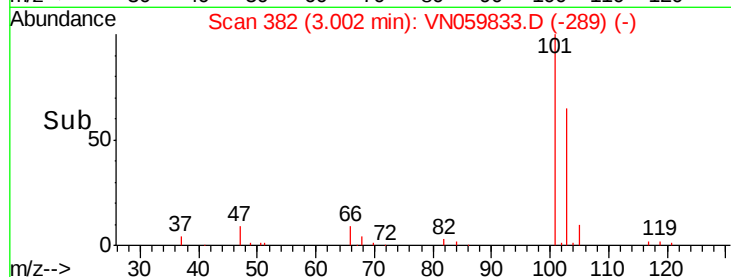
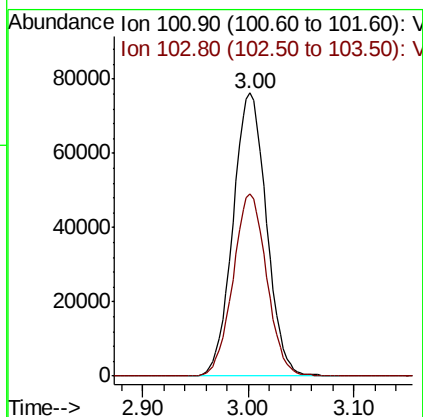
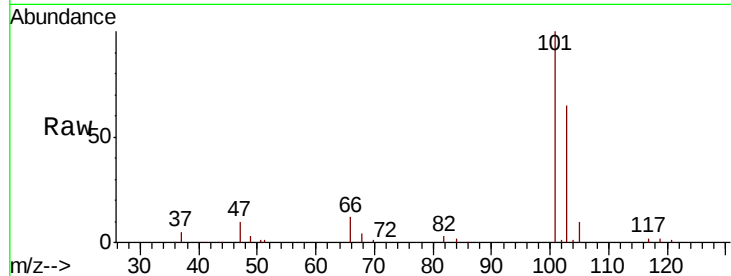


#7

Trichlorofluoromethane
Concen: 50.802 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampled :

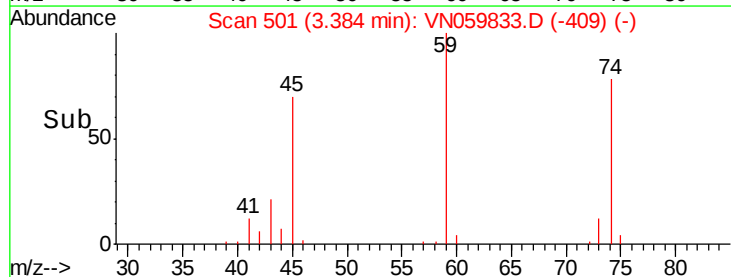
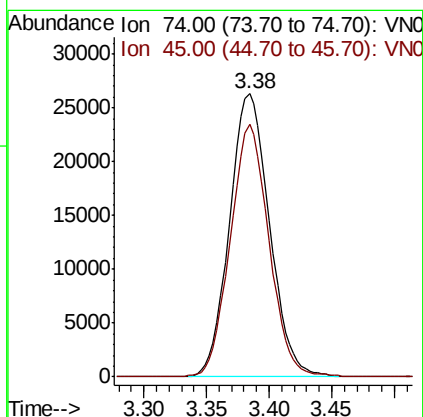
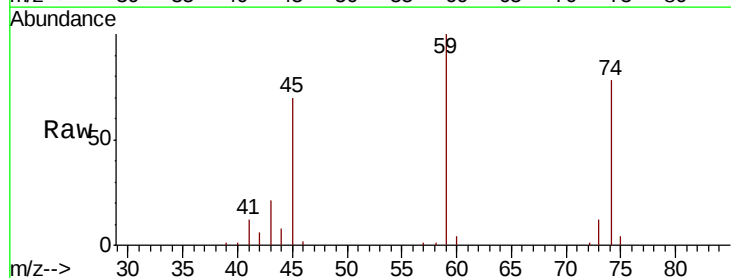
Tot Ion:101 Resp: 168133
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6



#8

Diethyl Ether
Concen: 50.208 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 74 Resp: 58316
Ion Ratio Lower Upper
74 100
45 86.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.071 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampleId :

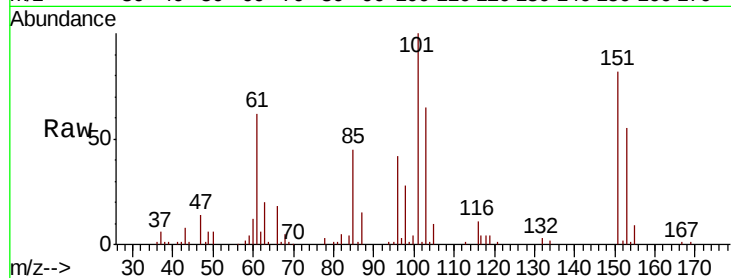
Tot Ion:101 Resp: 97758

Ion Ratio Lower Upper

101 100

85 43.9 36.6 54.8

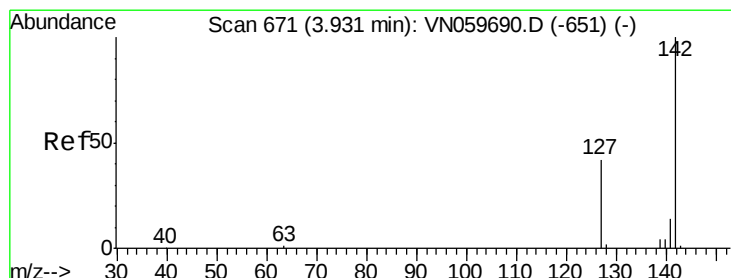
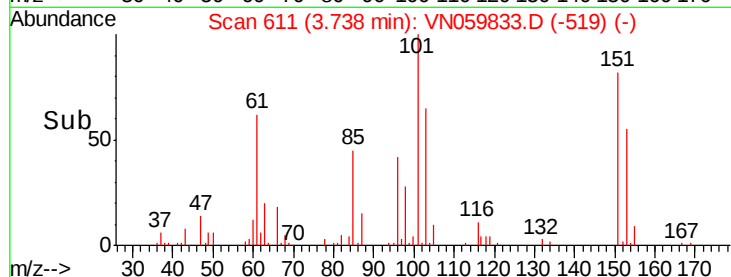
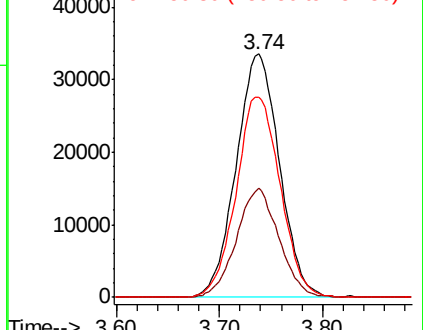
151 83.9 59.7 89.5



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: 49.317 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

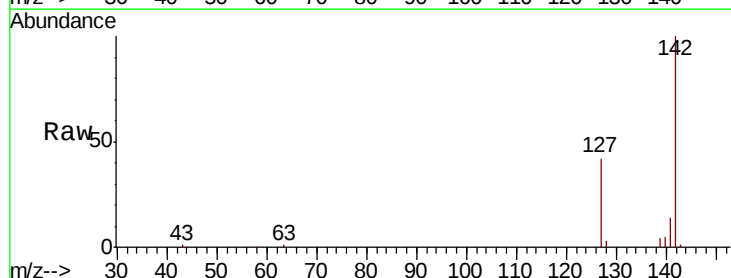
Tgt Ion:142 Resp: 146838

Ion Ratio Lower Upper

142 100

127 42.0 36.7 55.1

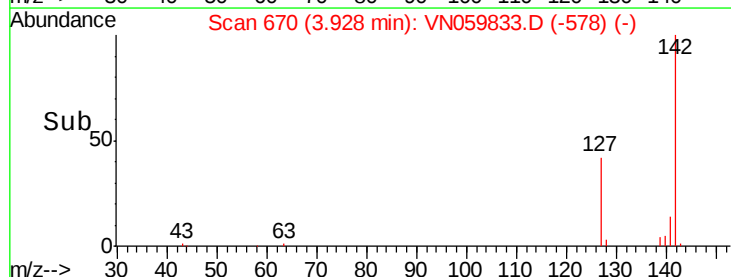
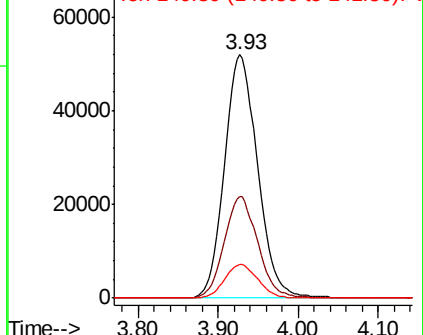
141 13.9 11.7 17.5

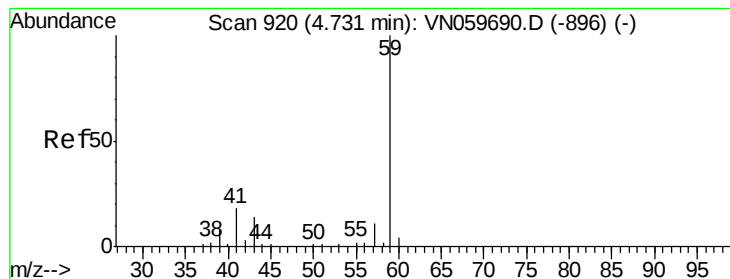


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



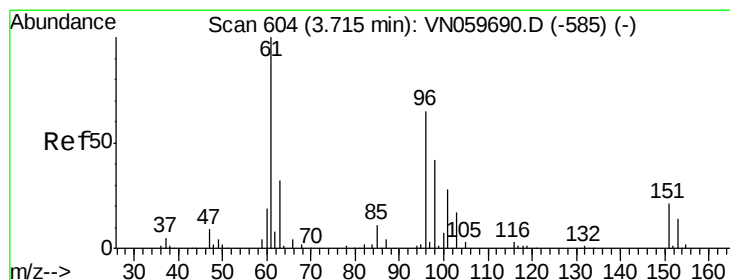
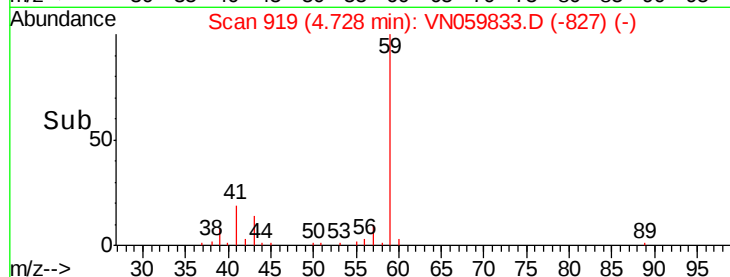
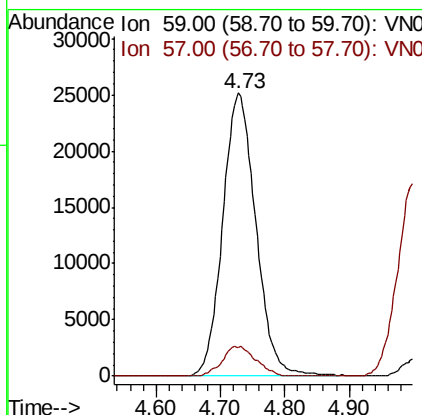
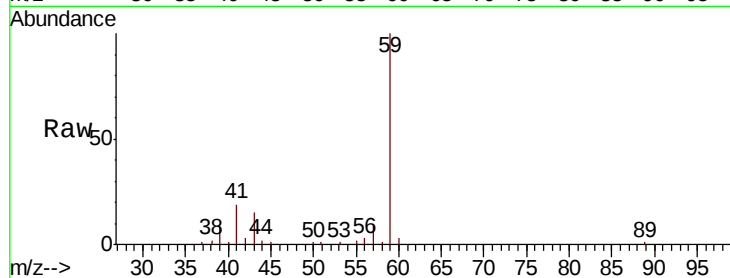


#11

Tert butyl alcohol
 Concen: 228.385 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Instrument :
 MSVOA_N
 ClientSampled :

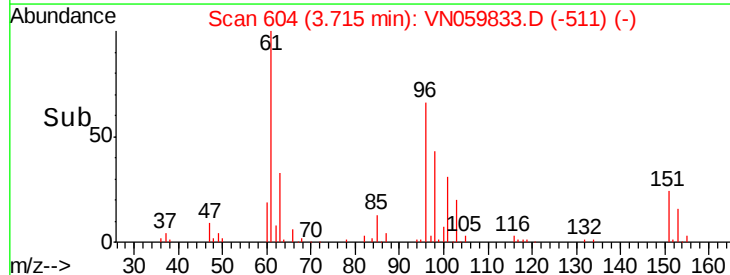
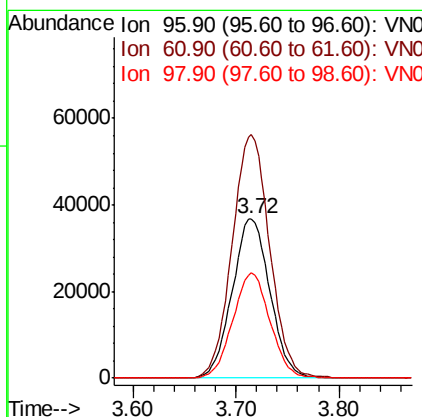
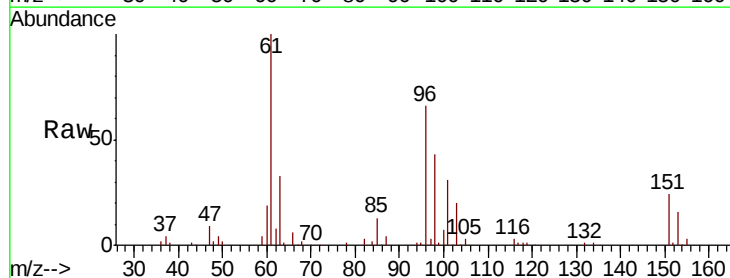
Tot Ion: 59 Resp: 89826
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 48.687 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion: 96 Resp: 93710
 Ion Ratio Lower Upper
 96 100
 61 152.5 137.5 206.3
 98 65.7 50.2 75.4





#13

Acrolein

Concen: 232.681 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

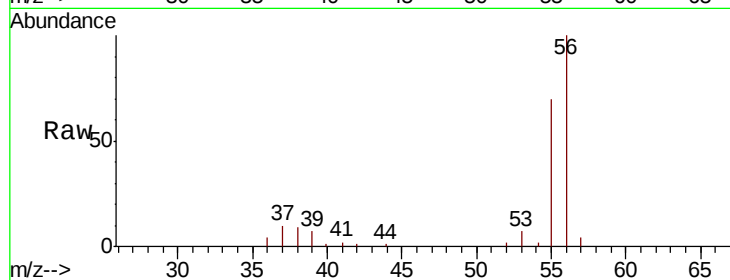
ClientSampled :

Tot Ion: 56 Resp: 64782

Ion Ratio Lower Upper

56 100

55 70.2 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059690.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059690.D (-545) (-)

3.58

25000

20000

15000

10000

5000

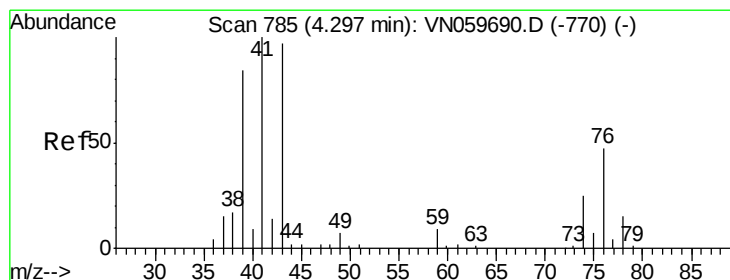
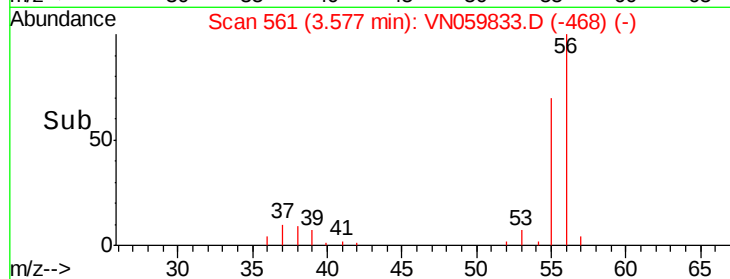
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 48.973 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

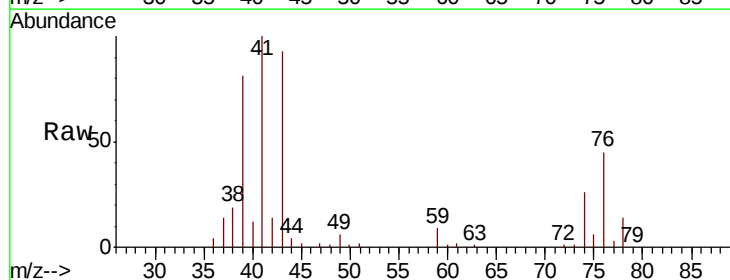
Tgt Ion: 41 Resp: 127053

Ion Ratio Lower Upper

41 100

39 80.4 57.8 86.8

76 43.6 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059690.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN059690.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN059690.D (-770) (-)

4.29

60000

50000

40000

30000

20000

10000

0

Time-->

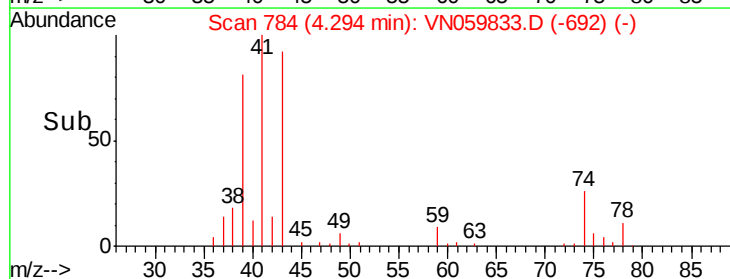
4.20

4.25

4.30

4.35

4.40





#15

Acrylonitrile

Concen: 244.177 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampleId :

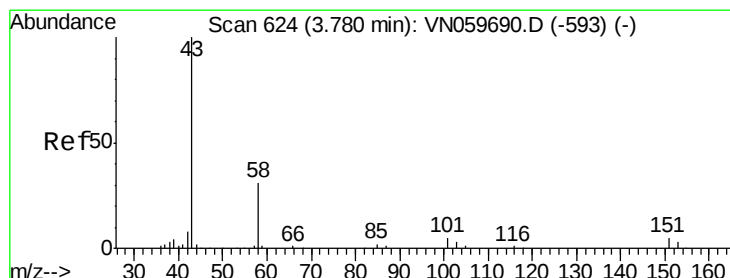
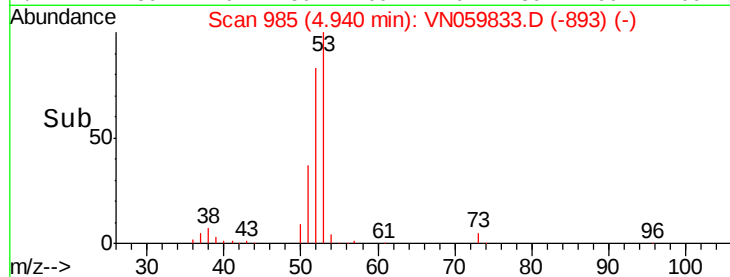
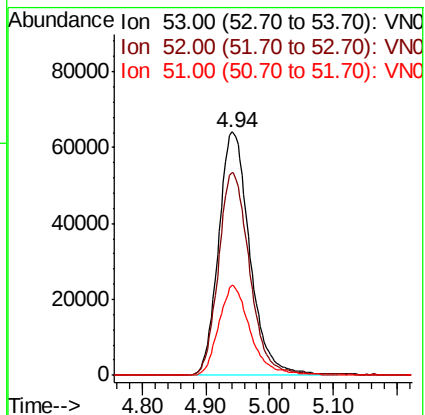
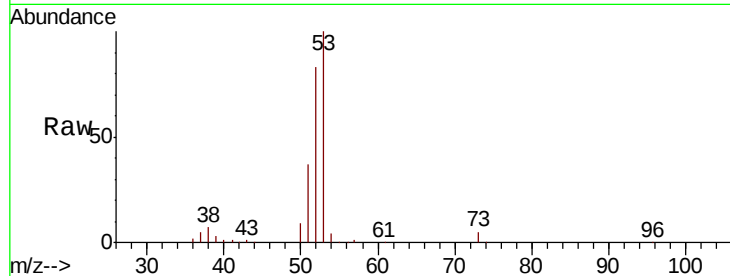
Tot Ion: 53 Resp: 219068

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 37.2 29.7 44.5



#16

Acetone

Concen: 335.685 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059833.D

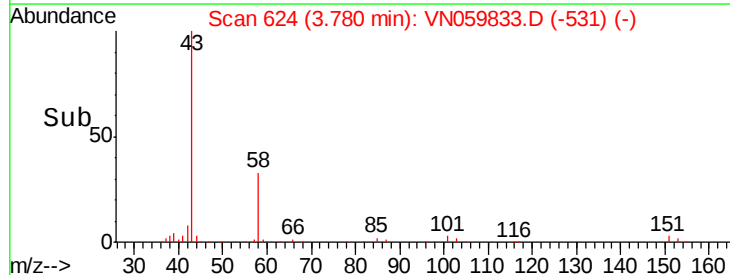
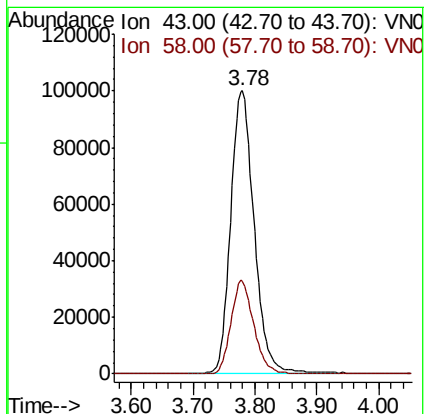
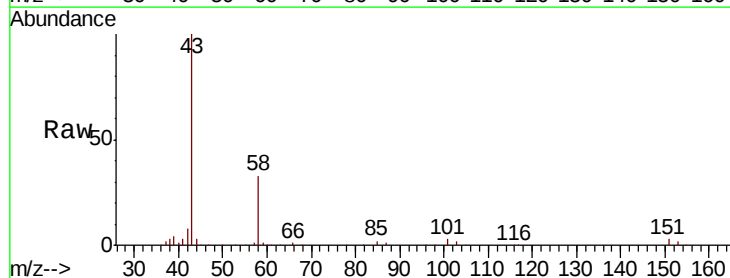
Acq: 24 Jan 2020 9:44

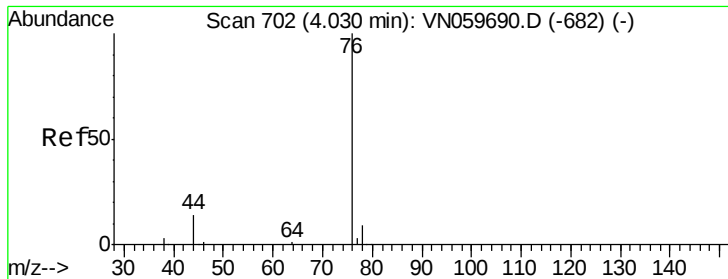
Tgt Ion: 43 Resp: 264759

Ion Ratio Lower Upper

43 100

58 32.6 23.6 35.4

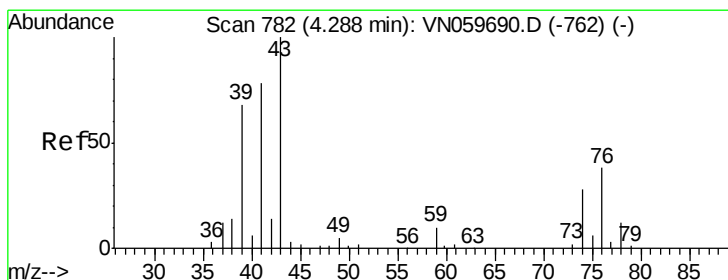
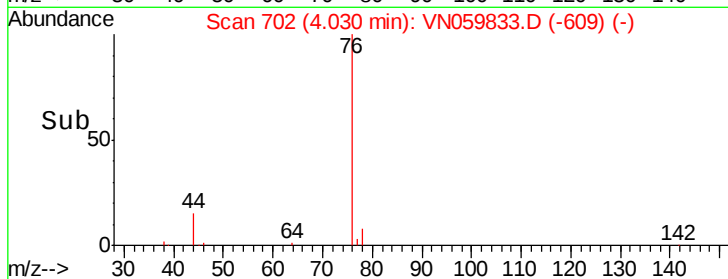
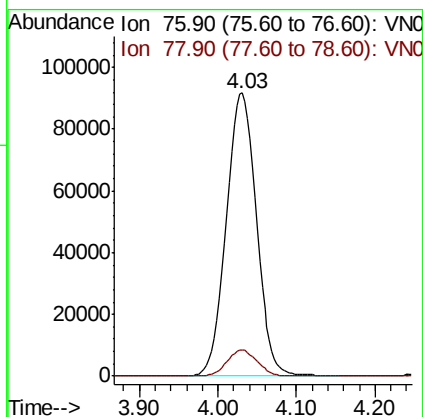
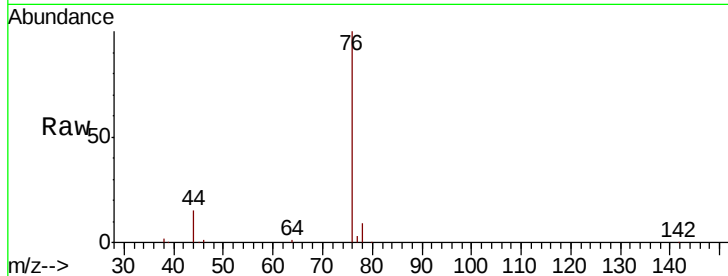




#17
Carbon Disulfide
Concen: 44.526 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

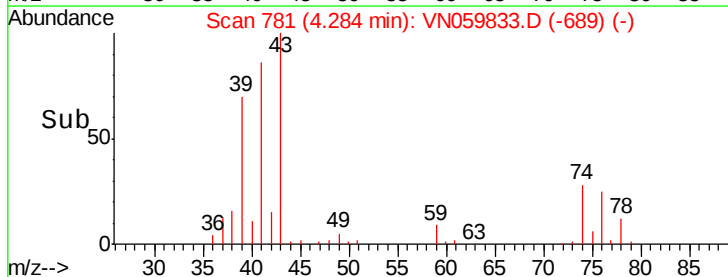
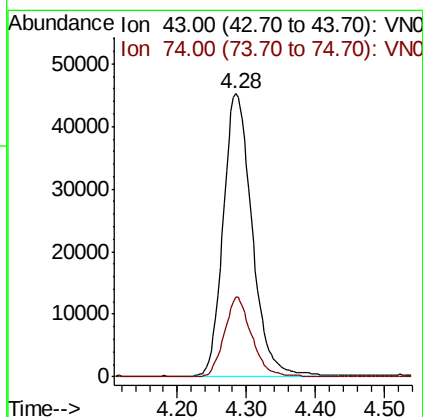
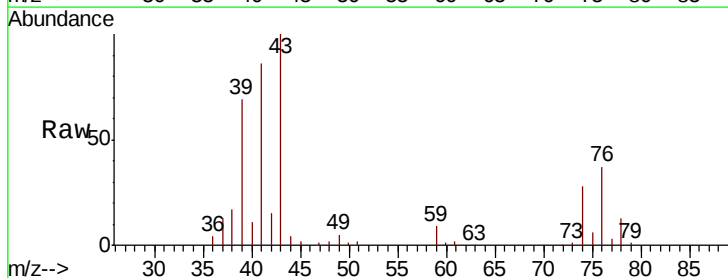
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 244135
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 48.498 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 43 Resp: 132350
Ion Ratio Lower Upper
43 100
74 26.6 17.5 26.3#

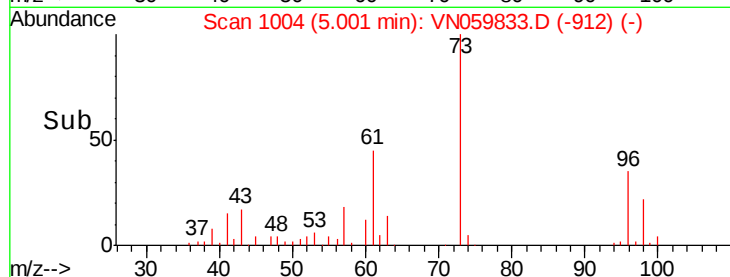
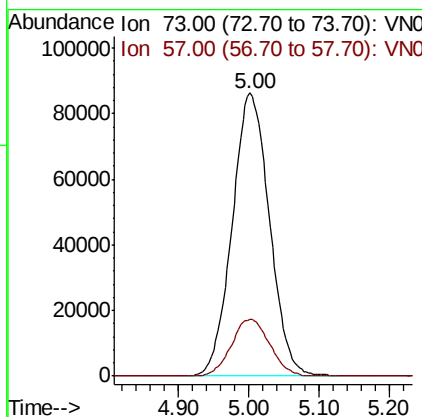
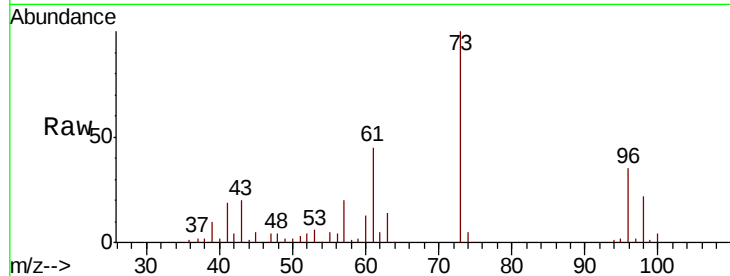




#19
Methvl tert-butvl Ether
Concen: 50.693 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

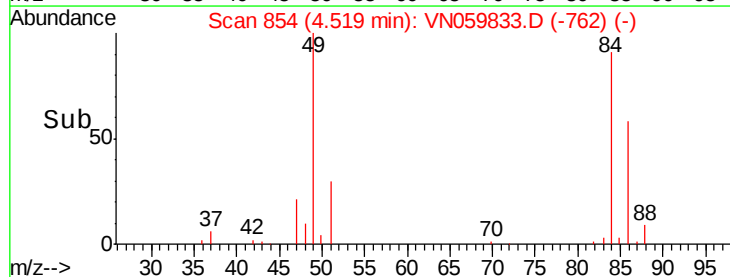
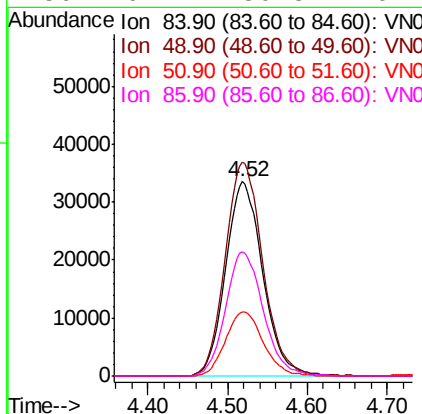
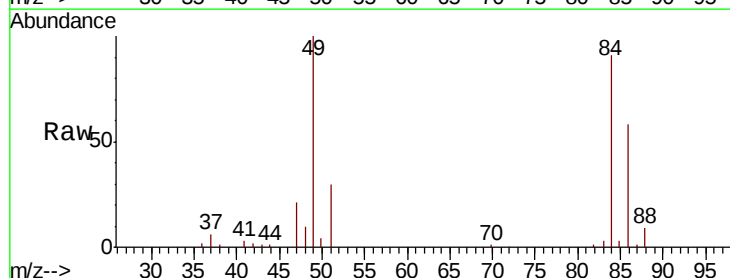
Instrument :
MSVOA_N
ClientSampled :

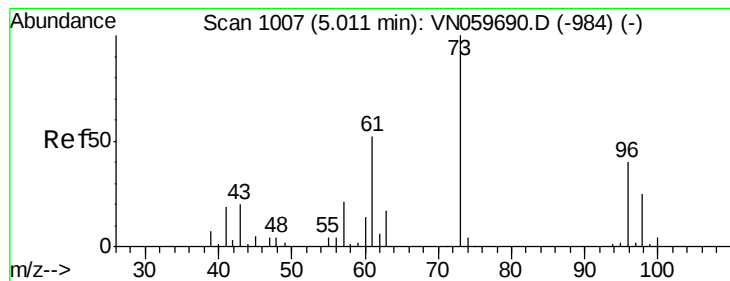
Tot Ion: 73 Resp: 318125
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 50.121 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 84 Resp: 105938
Ion Ratio Lower Upper
84 100
49 109.9 106.6 160.0
51 33.0 31.9 47.9
86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.314 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampled :

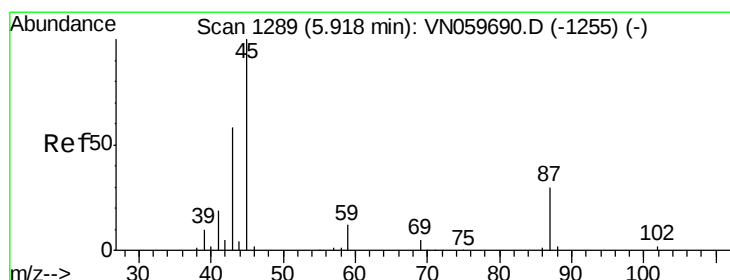
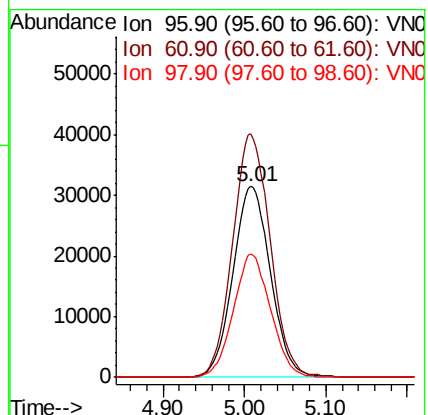
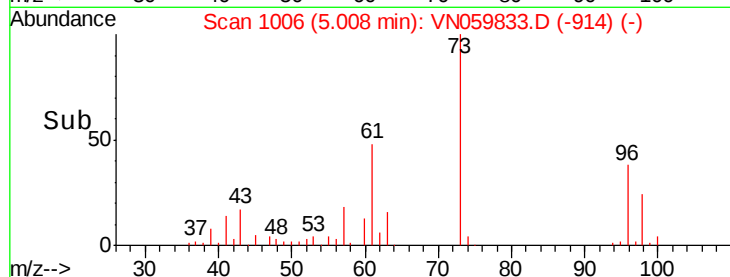
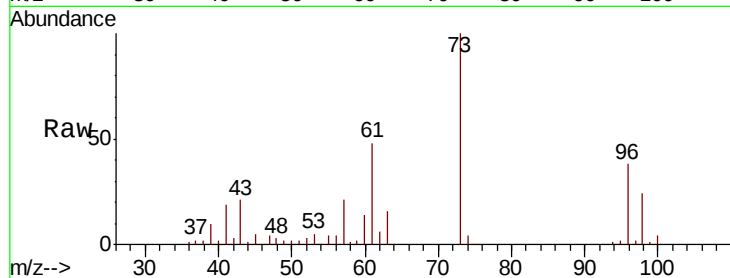
Tot Ion: 96 Resp: 100896

Ion Ratio Lower Upper

96 100

61 127.5 120.4 180.6

98 64.4 50.6 75.8



#22

Diisopropyl ether

Concen: 49.489 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Tgt Ion: 45 Resp: 290958

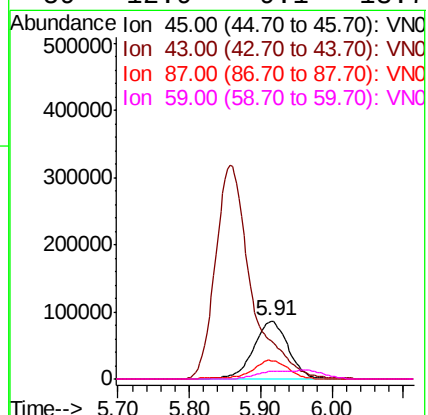
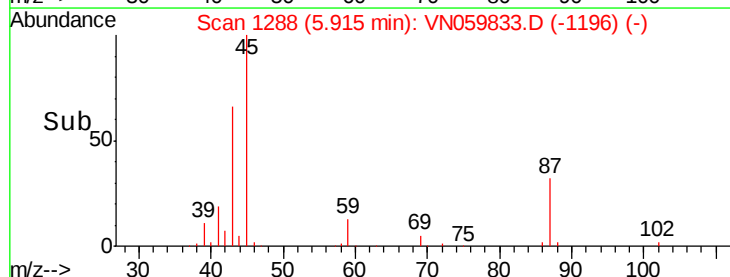
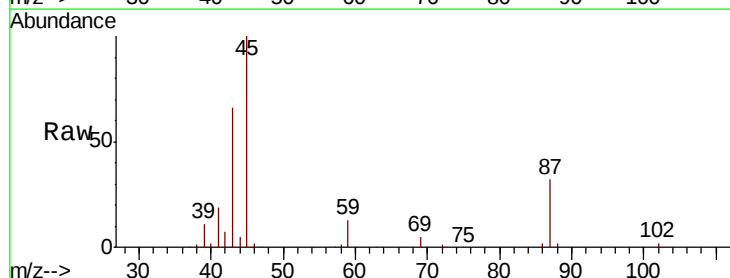
Ion Ratio Lower Upper

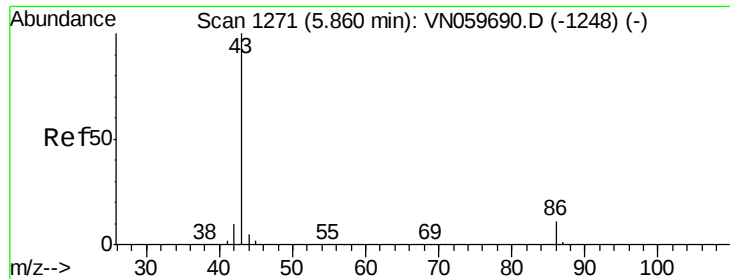
45 100

43 63.7 50.8 76.2

87 32.1 21.0 31.6#

59 12.9 9.1 13.7





#23

Vinyl Acetate

Concen: 243.915 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

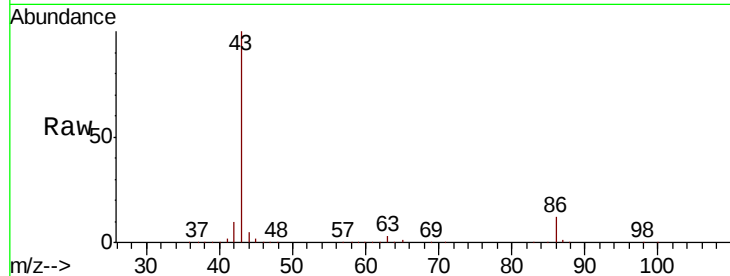
ClientSampleId :

Tot Ion: 43 Resp: 1110303

Ion Ratio Lower Upper

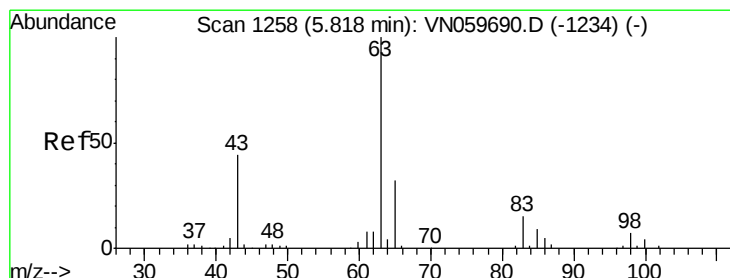
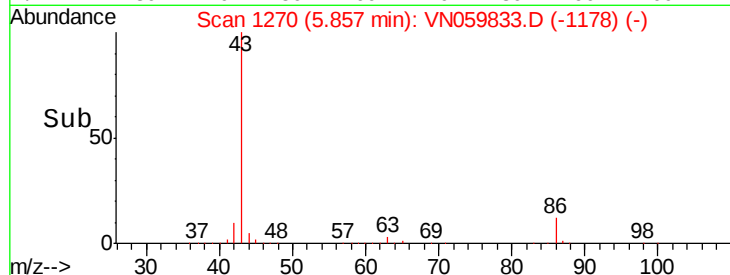
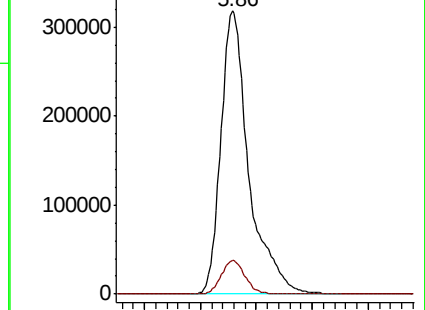
43 100

86 11.9 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059833.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059833.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 49.842 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

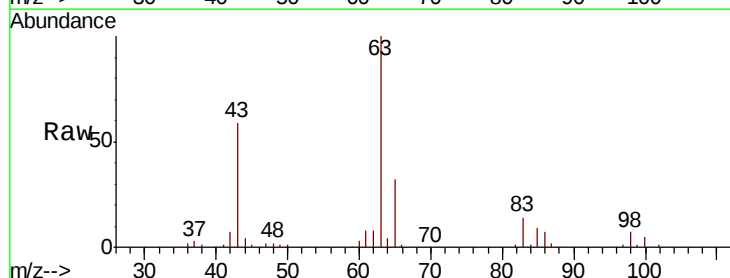
Tgt Ion: 63 Resp: 179052

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.7

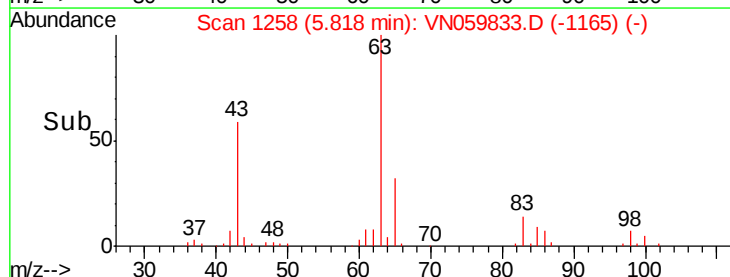
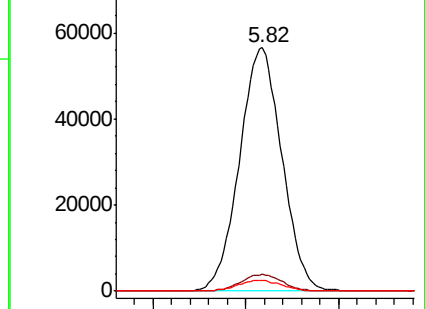
100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059833.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059833.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059833.D (-1165) (-)

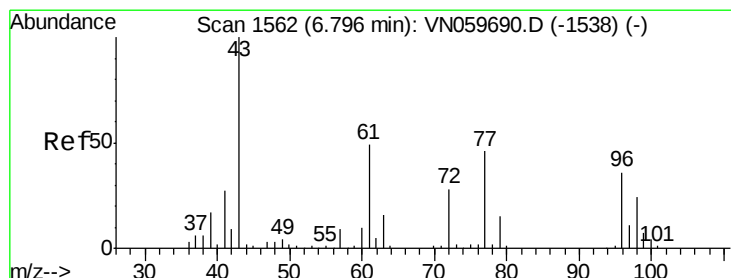
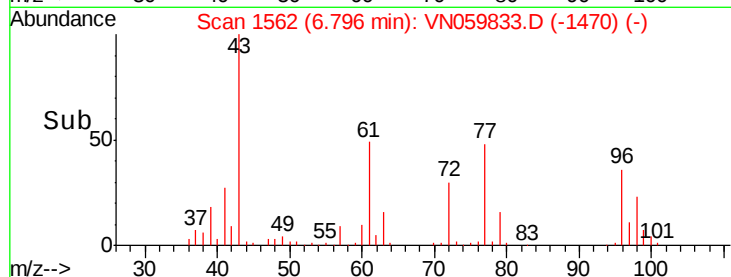
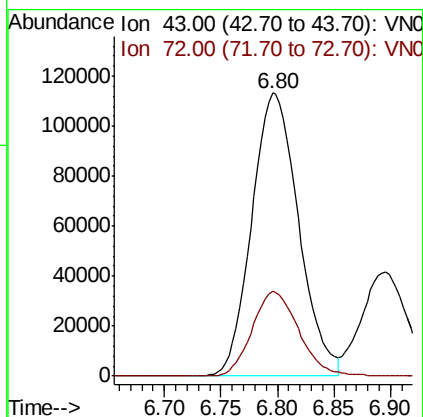
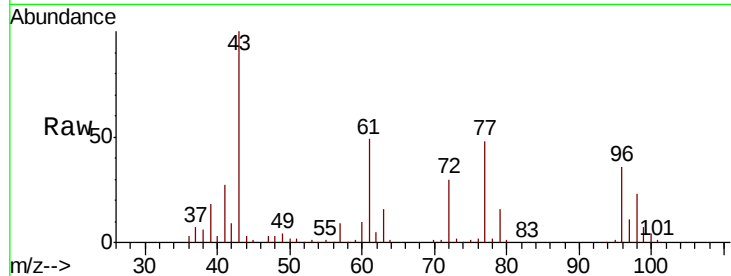




#25
2-Butanone
Concen: 246.451 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

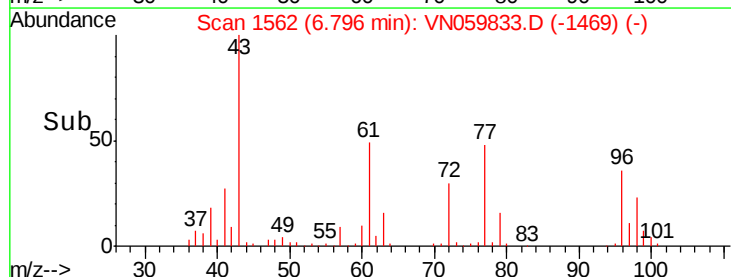
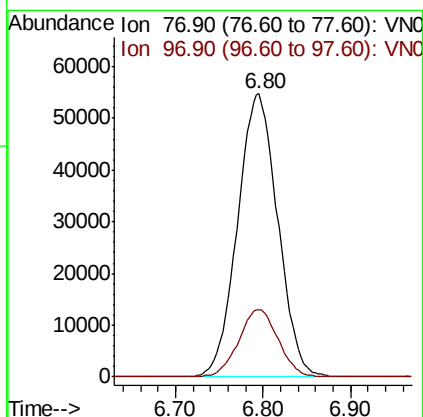
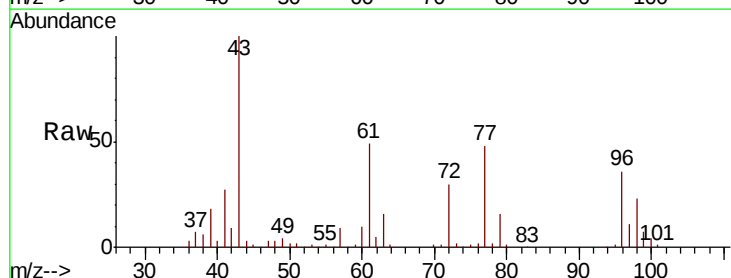
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 326067
Ion Ratio Lower Upper
43 100
72 30.1 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 50.496 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 77 Resp: 174395
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.204 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampled :

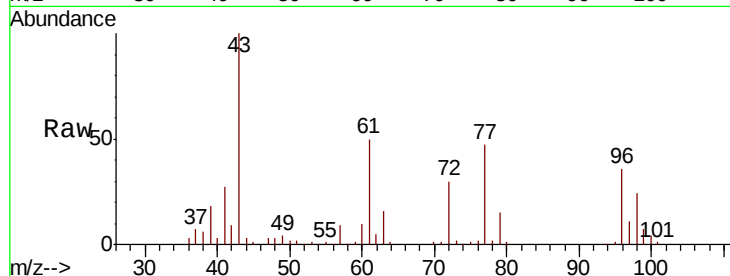
Tot Ion: 96 Resp: 118142

Ion Ratio Lower Upper

96 100

61 138.5 0.0 317.6

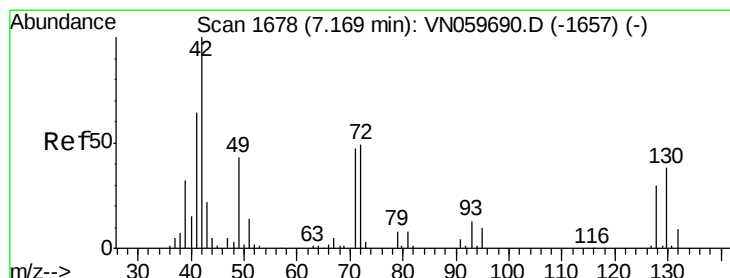
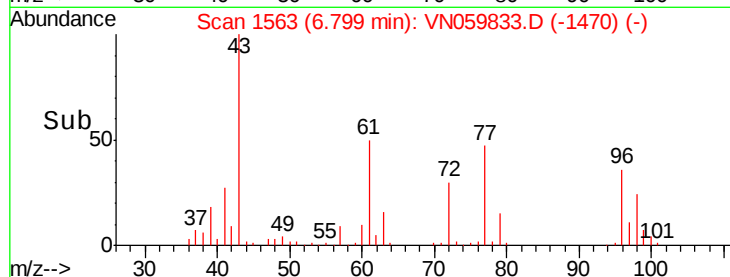
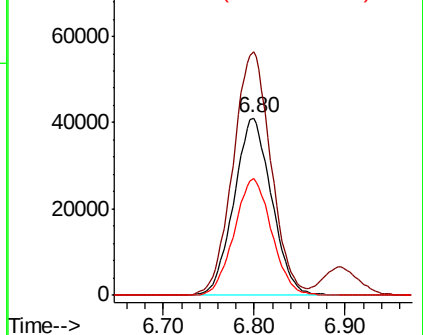
98 65.5 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.297 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

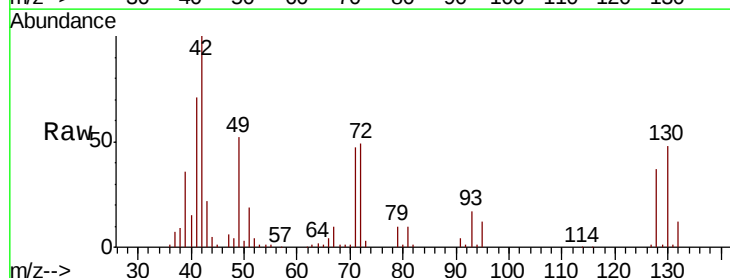
Tgt Ion: 49 Resp: 73653

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

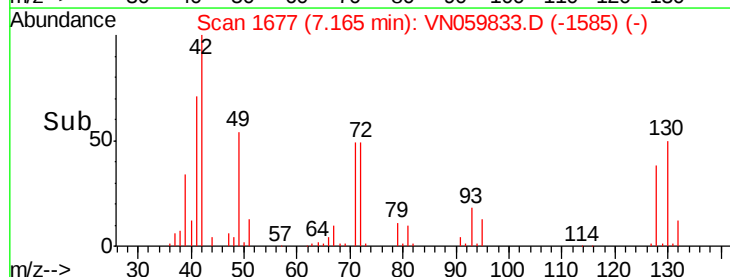
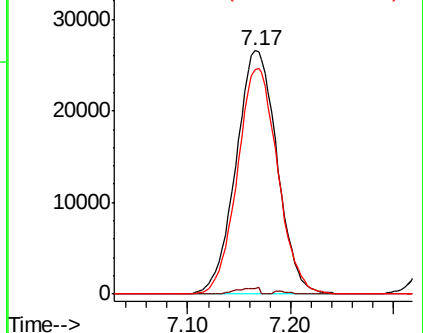
130 91.0 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

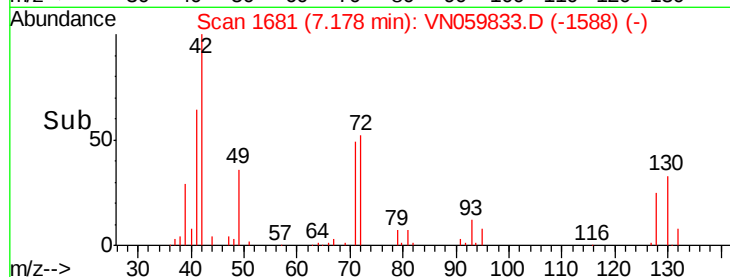
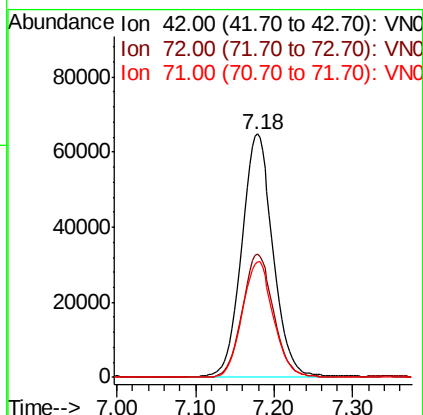
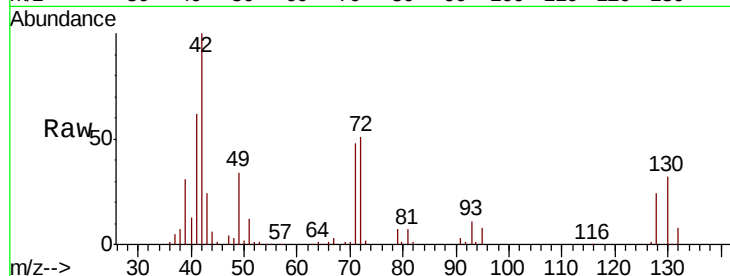




#29
Tetrahydrofuran
Concen: 223.018 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

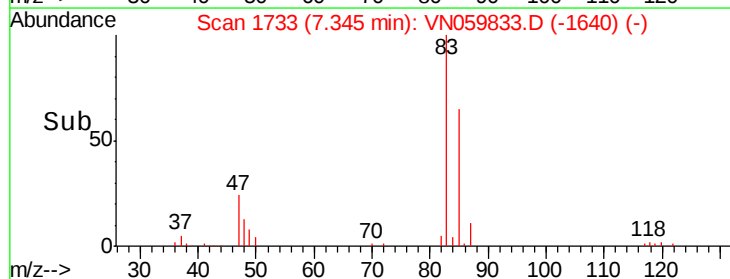
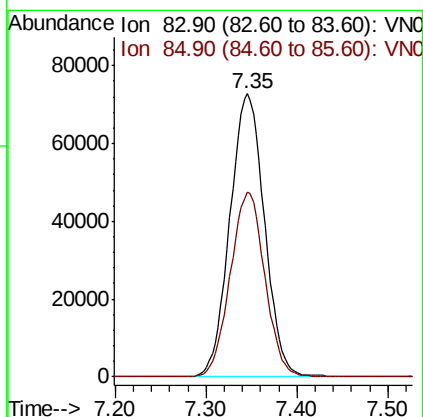
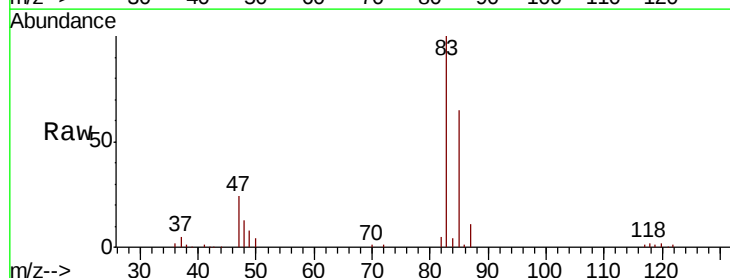
Instrument :
MSVOA_N
ClientSampled :

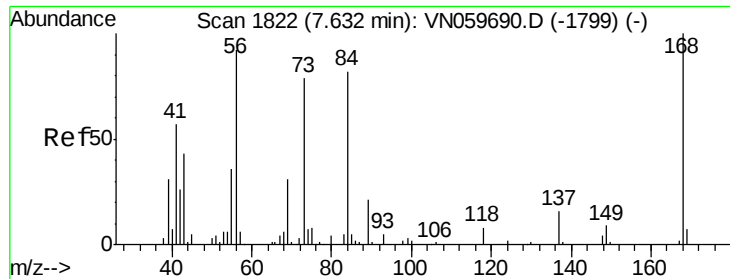
Tot Ion: 42 Resp: 182562
Ion Ratio Lower Upper
42 100
72 50.3 33.1 49.7#
71 47.4 31.4 47.0#



#30
Chloroform
Concen: 51.566 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 83 Resp: 191937
Ion Ratio Lower Upper
83 100
85 65.2 52.4 78.6

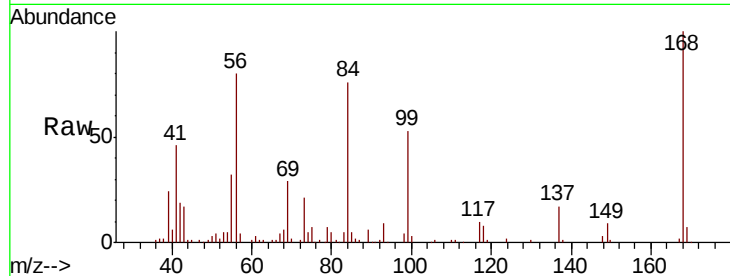




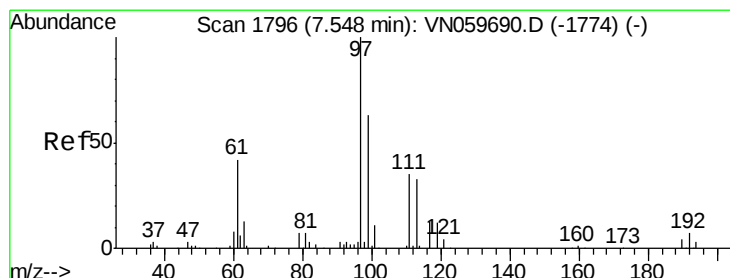
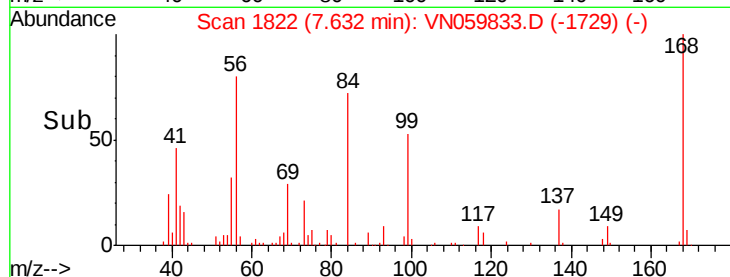
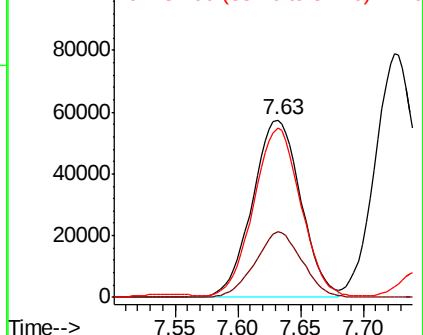
#31
Cyclohexane
Concen: 44.660 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 154380
Ion Ratio Lower Upper
56 100
69 36.9 26.5 39.7
84 93.8 65.3 97.9

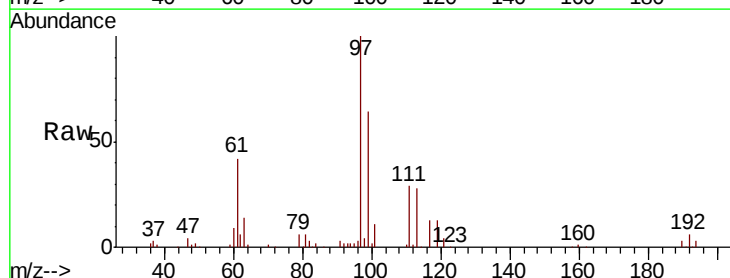


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

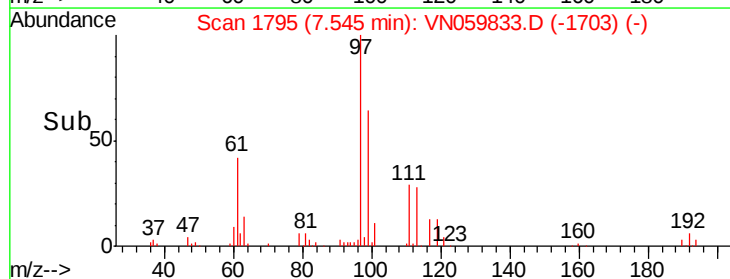
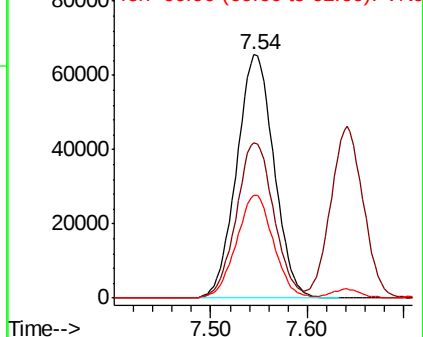


#32
1,1,1-Trichloroethane
Concen: 51.181 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 97 Resp: 176142
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 42.0 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

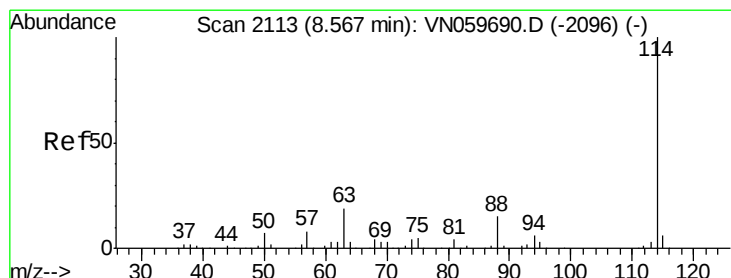
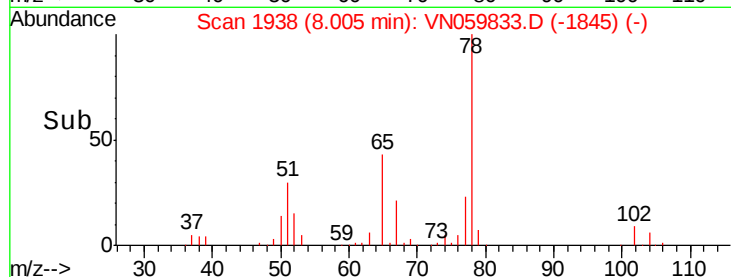
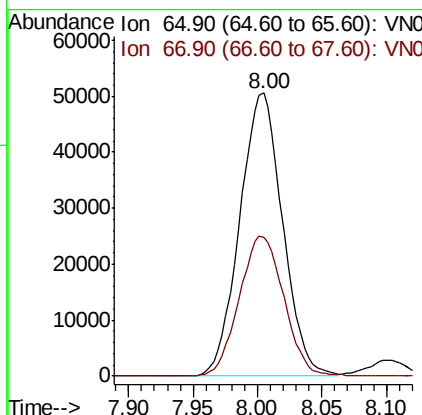
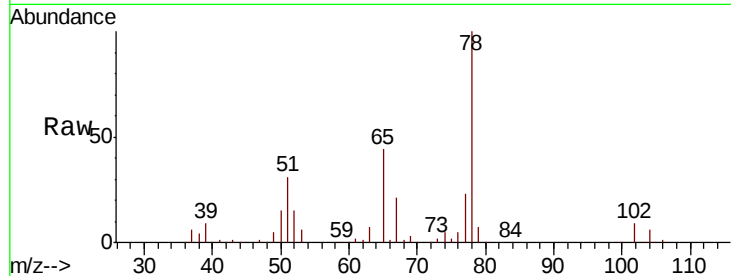




#33
 1,2-Dichloroethane-d4
 Concen: 50.083 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

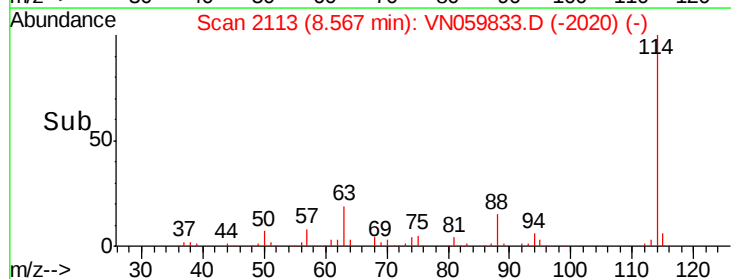
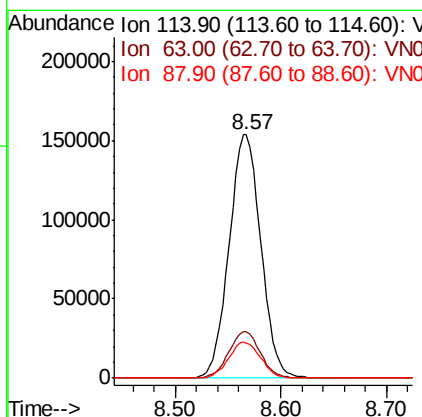
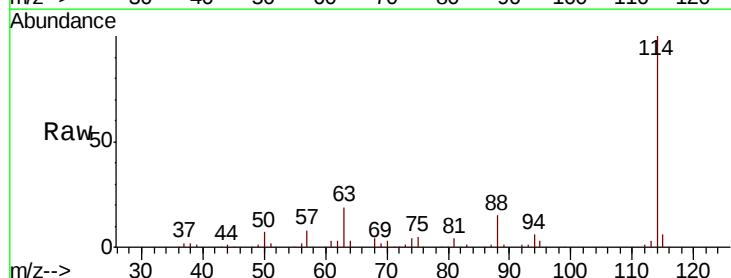
Instrument :
 MSVOA_N
 ClientSampleId :

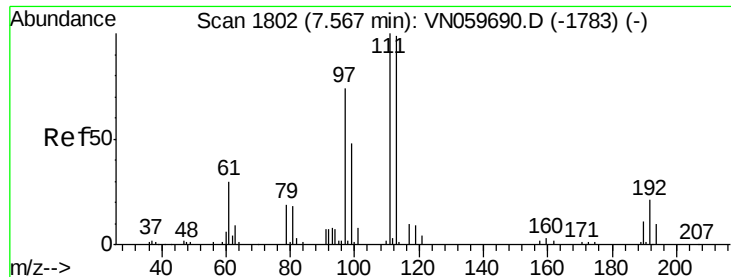
Tot Ion: 65 Resp: 117011
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion: 114 Resp: 320600
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 14.6 0.0 31.4

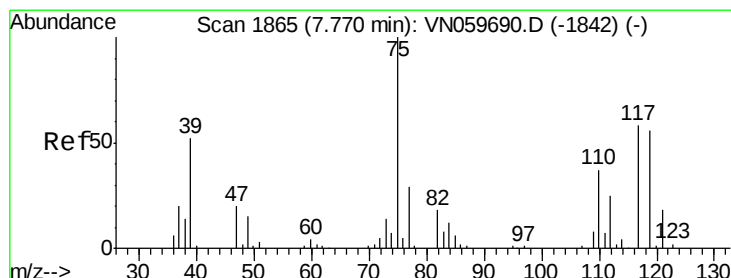
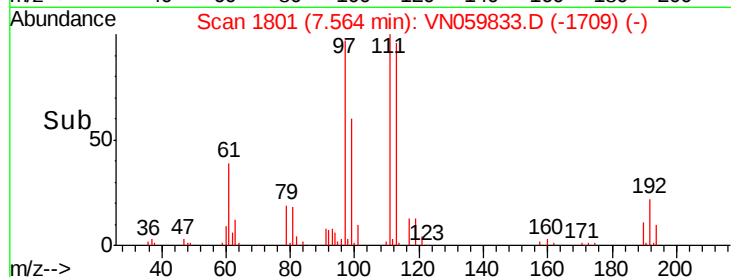
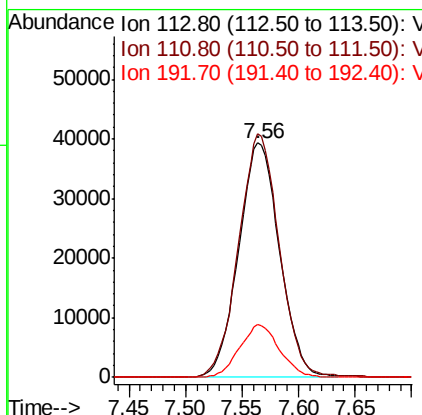
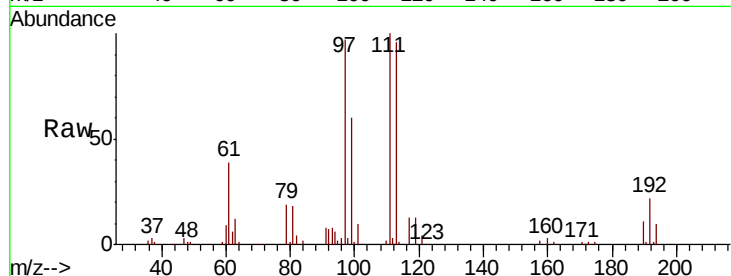




#35
Dibromofluoromethane
Concen: 51.756 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

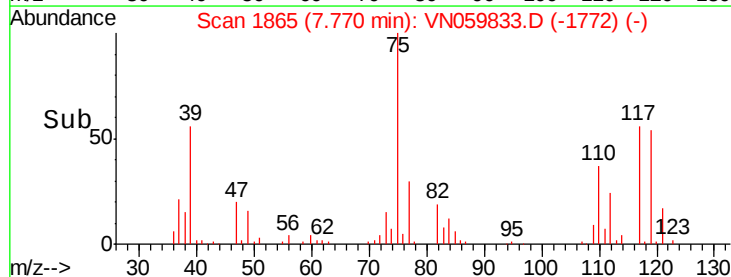
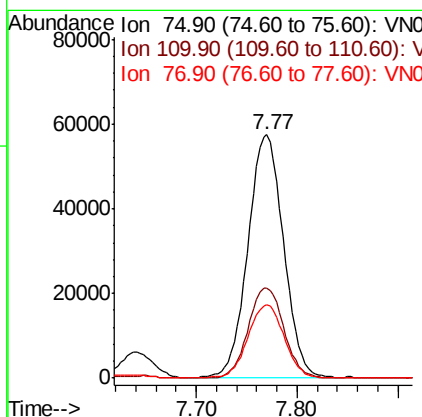
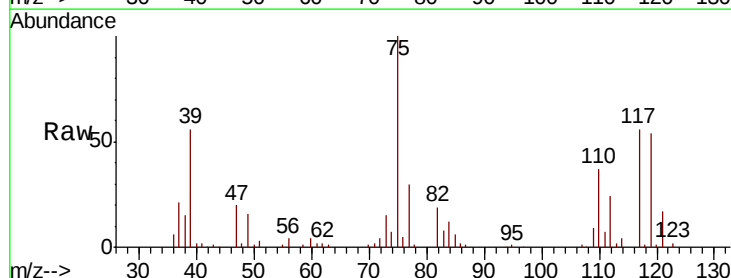
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 98952
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 21.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 50.573 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 75 Resp: 141195
Ion Ratio Lower Upper
75 100
110 36.9 16.6 49.7
77 30.7 25.1 37.7

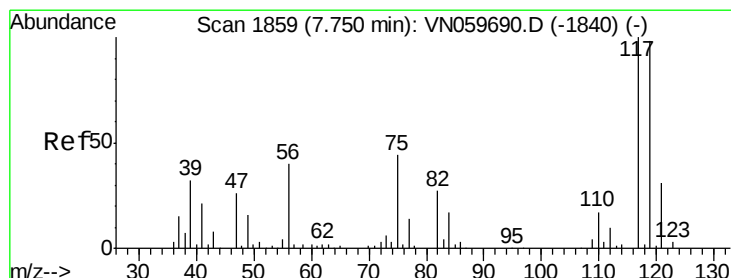
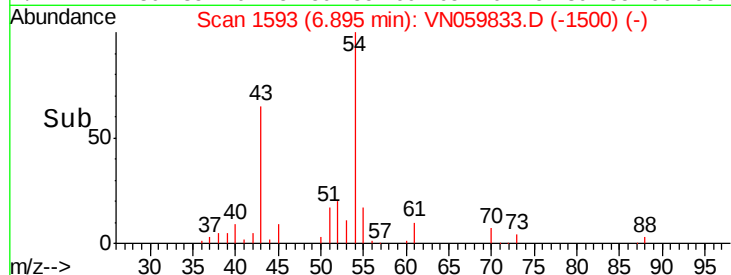
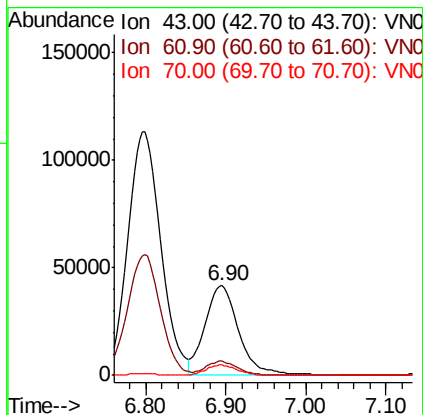
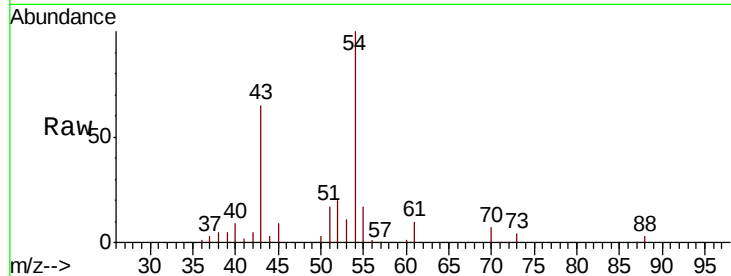




#37
Ethyl Acetate
Concen: 46.500 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

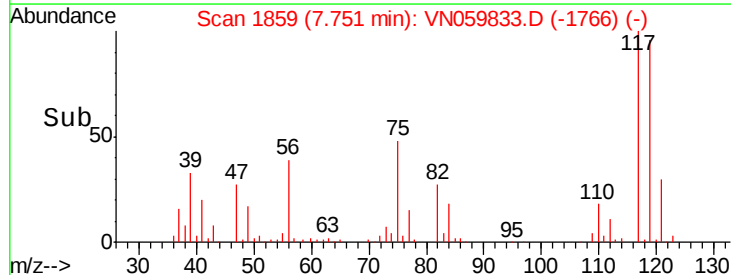
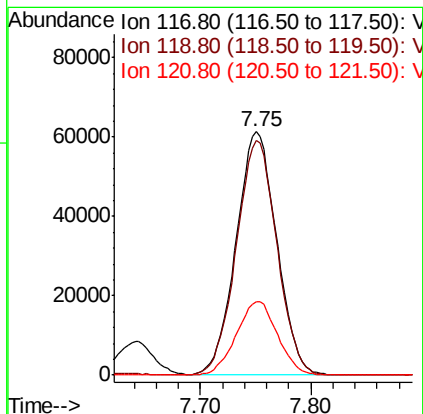
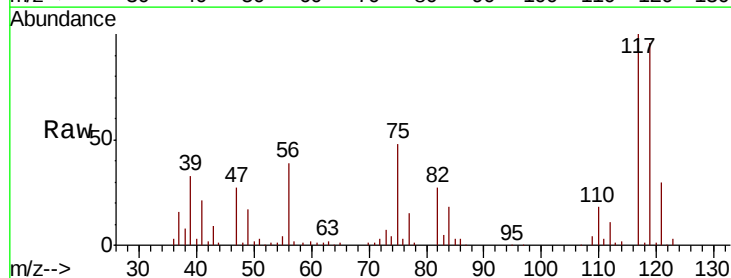
Instrument :
MSVOA_N
ClientSampled :

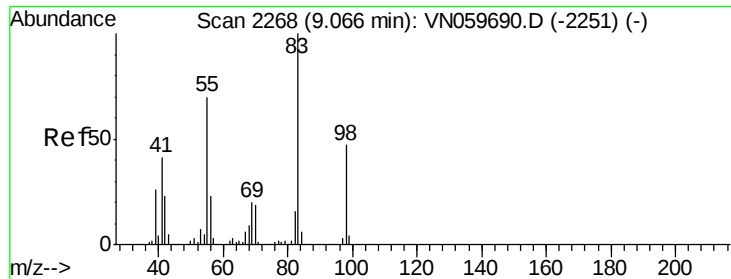
Tot Ion: 43 Resp: 121764
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 10.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.497 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 117 Resp: 156398
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
121 30.2 25.1 37.7

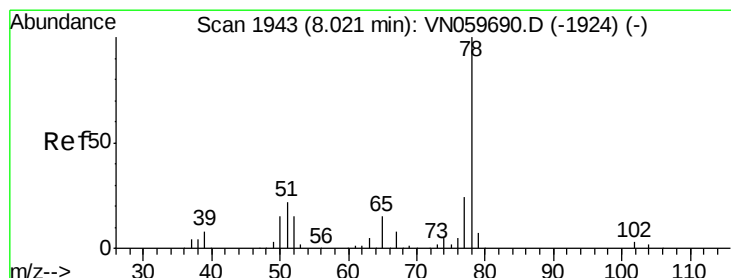
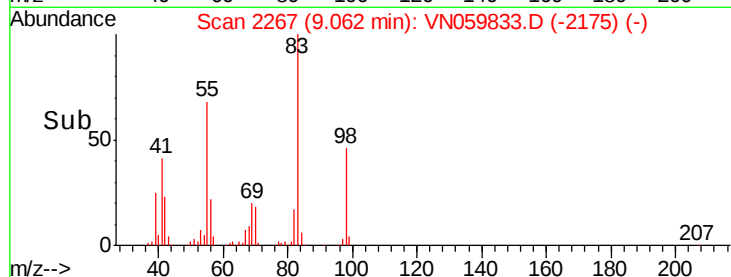
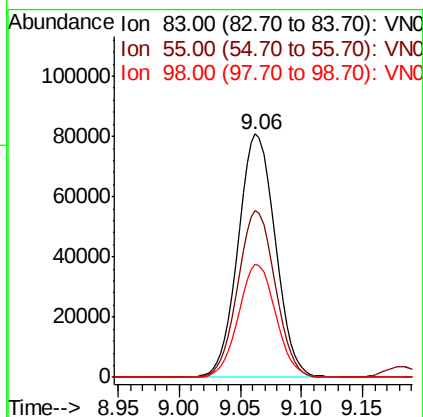
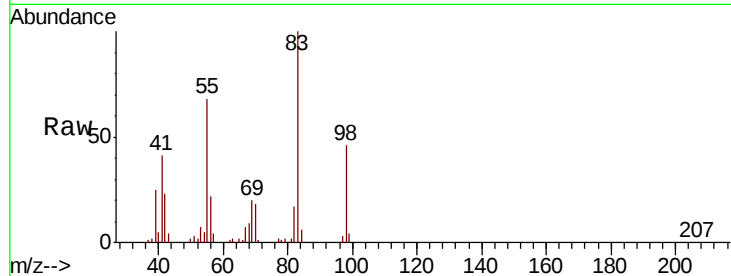




#39
Methvlcvclohexane
Concen: 49.492 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

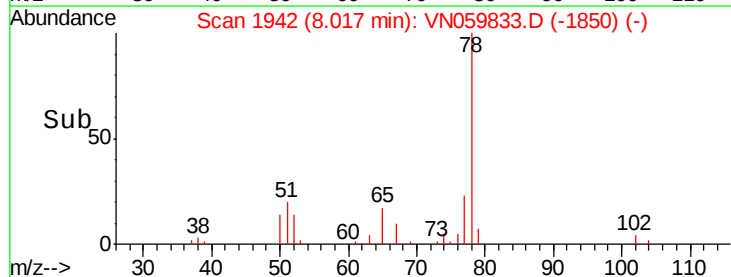
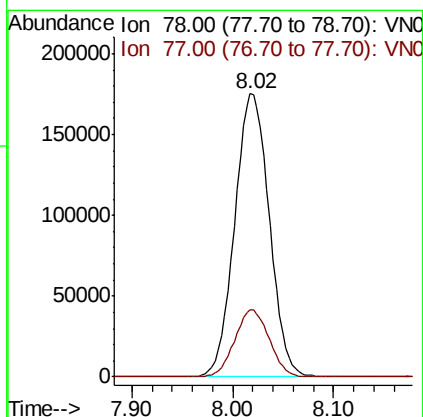
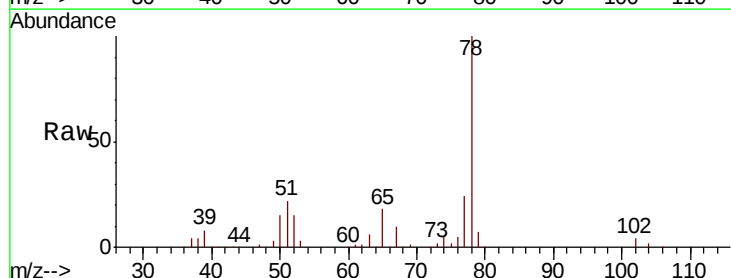
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 170374
Ion Ratio Lower Upper
83 100
55 68.4 64.2 96.2
98 46.4 35.9 53.9



#40
Benzene
Concen: 50.049 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 78 Resp: 416734
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

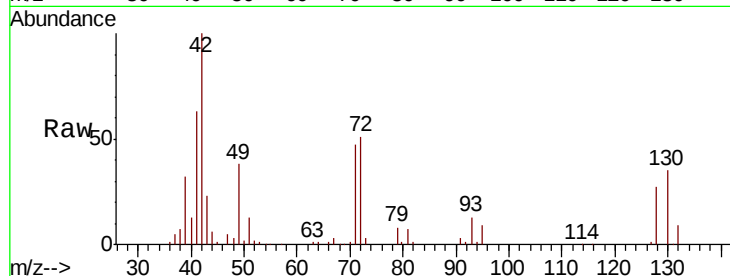




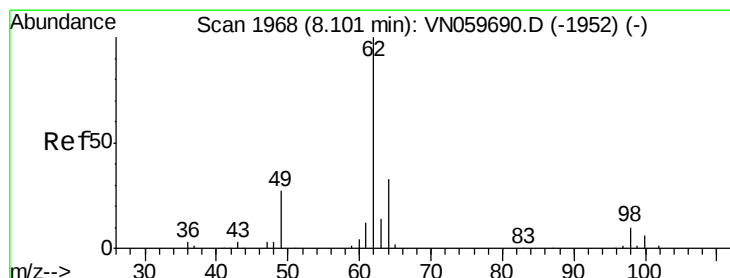
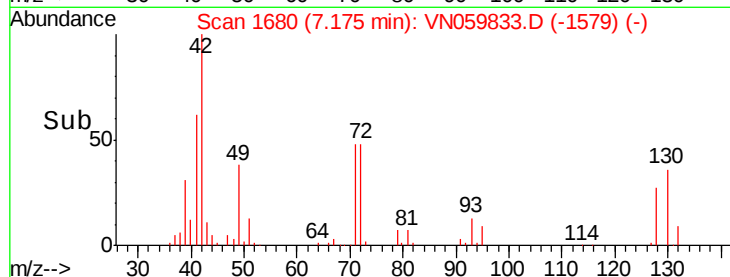
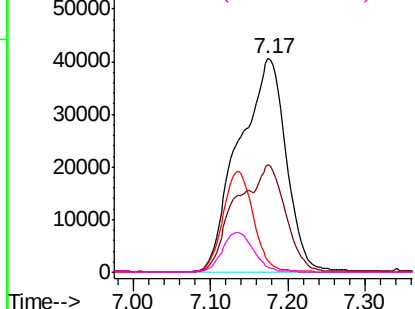
#41
Methacrylonitrile
Concen: 133.950 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	172767
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

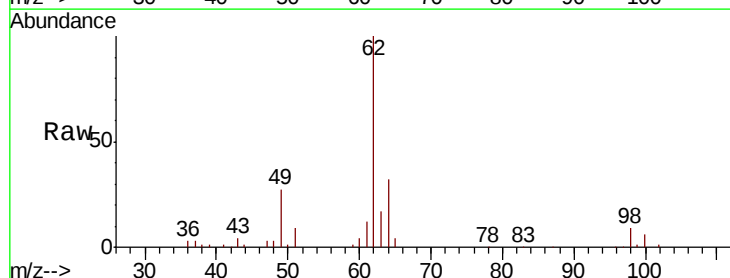


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

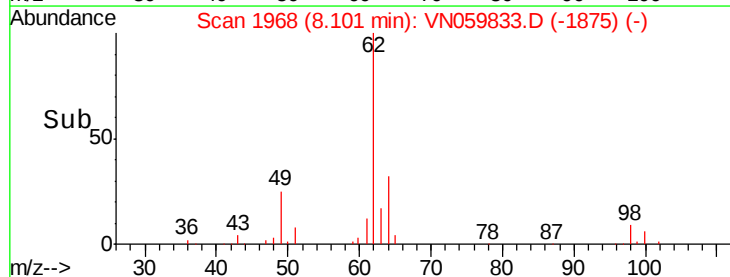
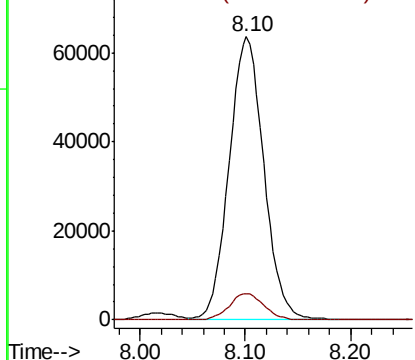


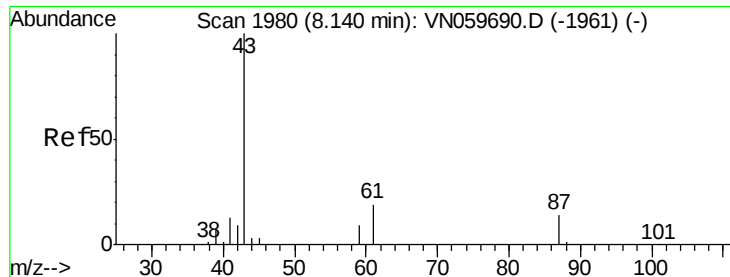
#42
1,2-Dichloroethane
Concen: 51.173 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:	62	Resp:	144466
Ion	Ratio	Lower	Upper
62	100		
98	9.2	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: 47.002 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampled :

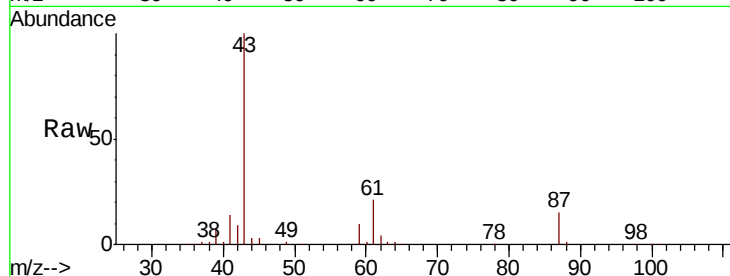
Tot Ion: 43 Resp: 211697

Ion Ratio Lower Upper

43 100

61 27.9 20.2 30.2

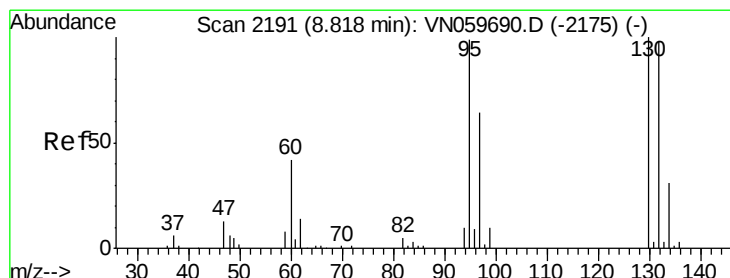
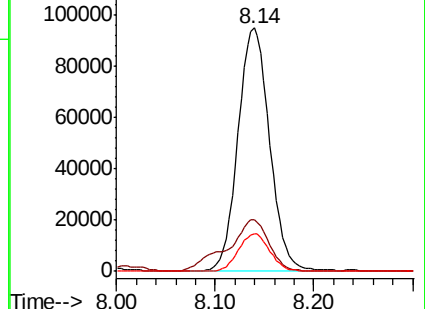
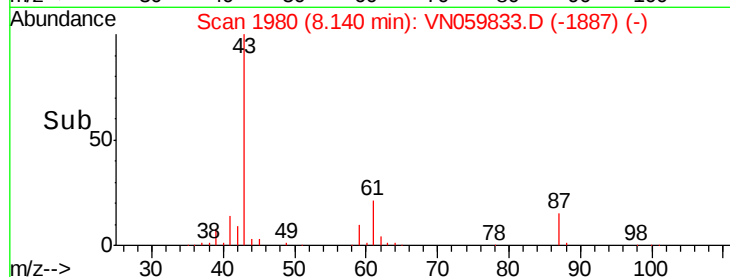
87 15.2 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059833.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059833.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059833.D (-1887) (-)



#44

Trichloroethene

Concen: 53.926 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059833.D

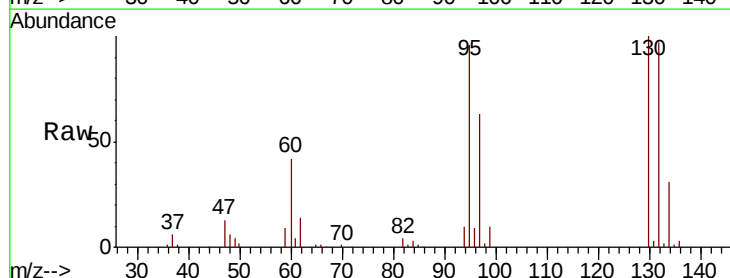
Acq: 24 Jan 2020 9:44

Tgt Ion: 130 Resp: 122575

Ion Ratio Lower Upper

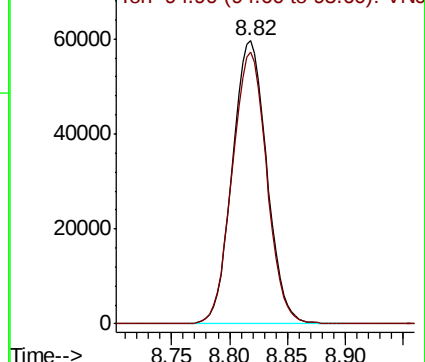
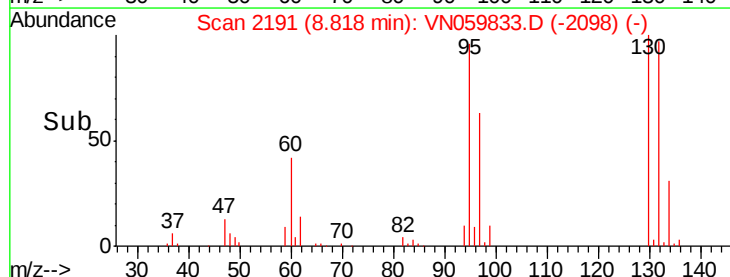
130 100

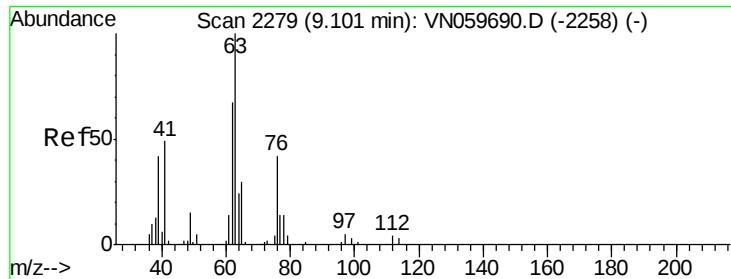
95 96.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059833.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059833.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 51.940 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

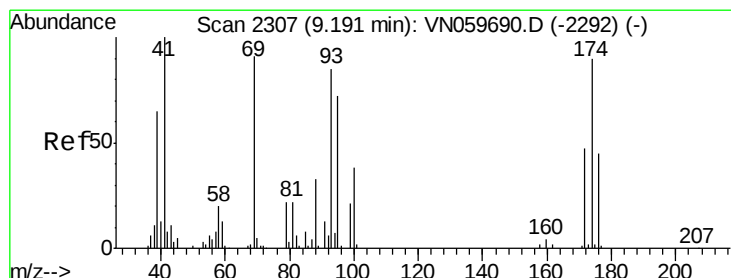
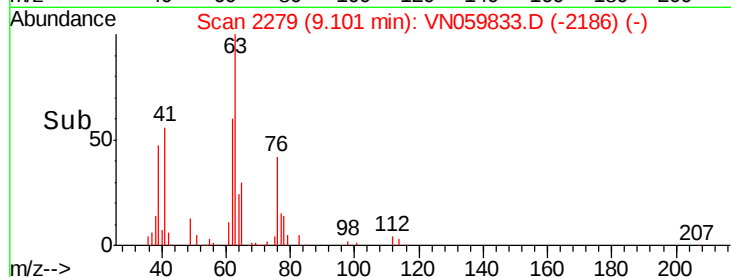
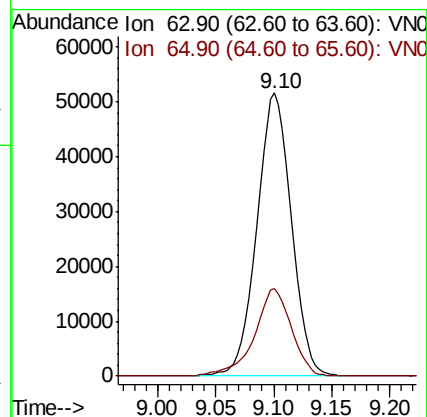
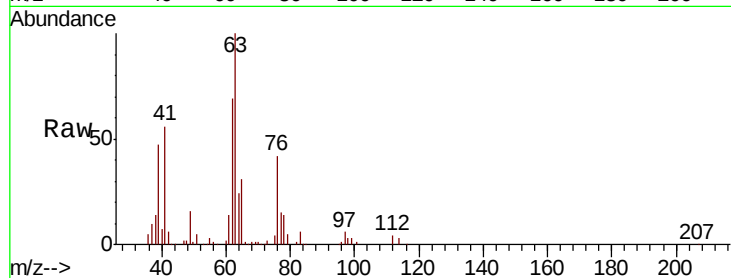
ClientSampleId :

Tot Ion: 63 Resp: 107016

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 51.341 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

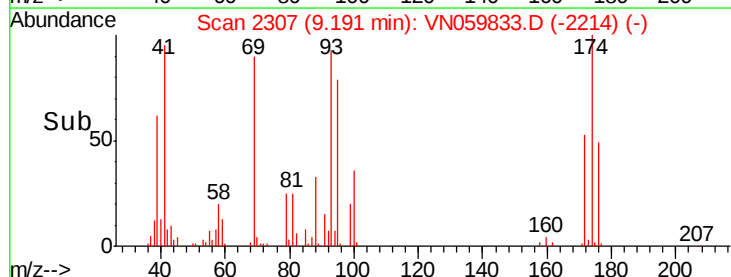
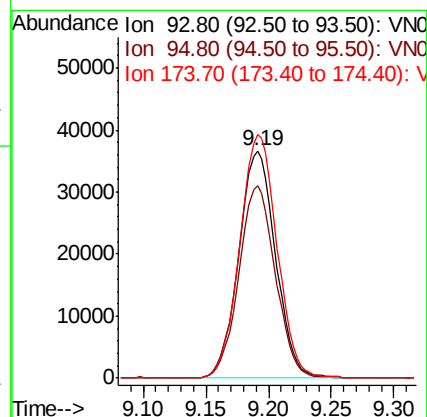
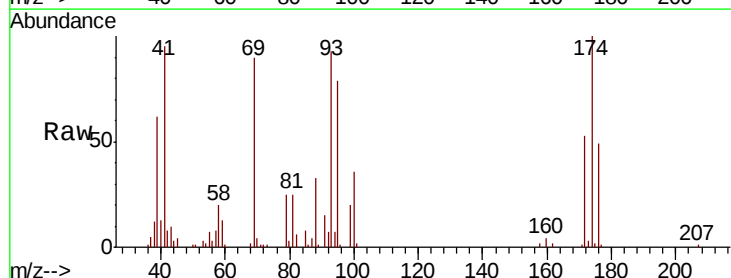
Tgt Ion: 93 Resp: 74619

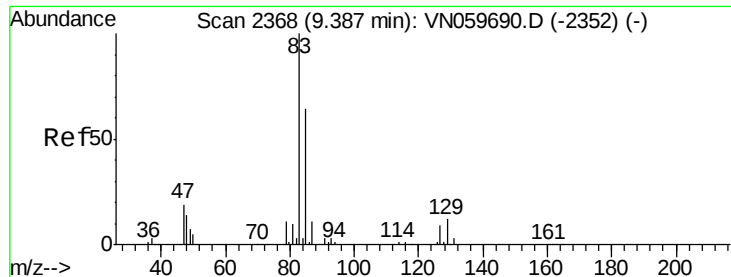
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.6

174 108.6 73.4 110.2

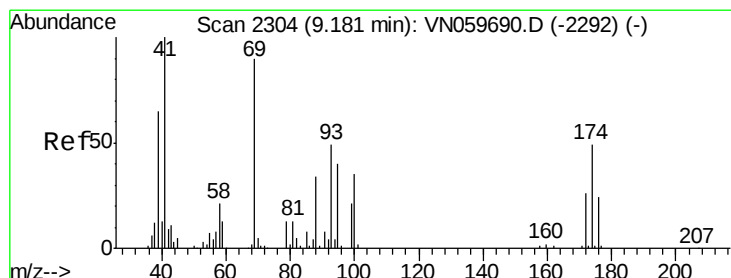
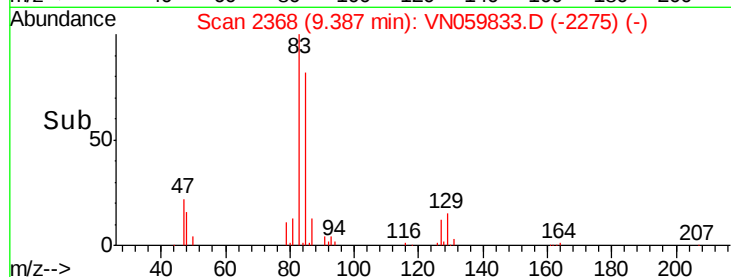
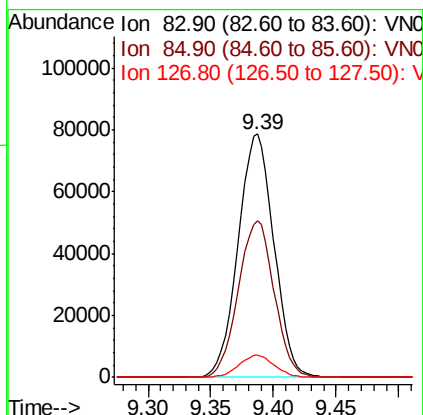
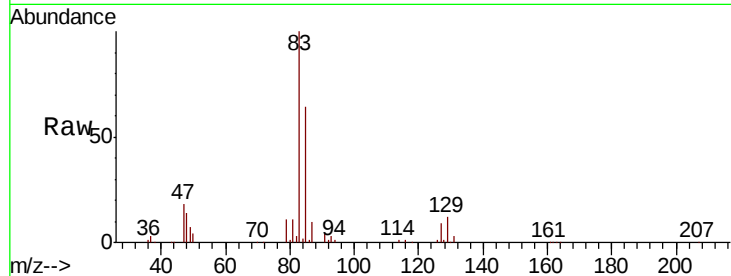




#47
 Bromodichloromethane
 Concen: 53.291 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

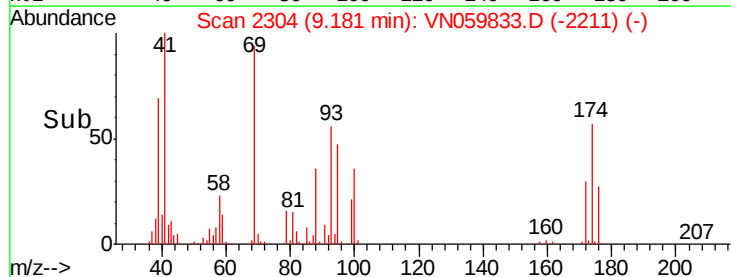
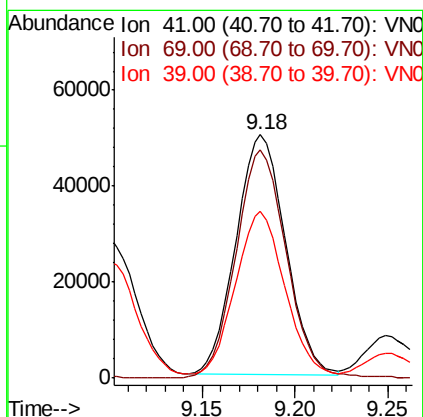
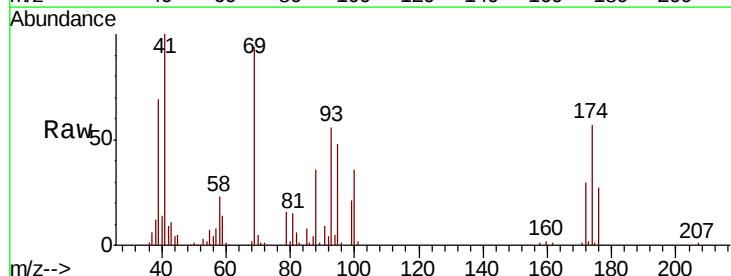
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 156081
 Ion Ratio Lower Upper
 83 100
 85 64.4 51.1 76.7
 127 9.3 6.6 9.8



#48
 Methyl methacrylate
 Concen: 46.223 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion: 41 Resp: 93122
 Ion Ratio Lower Upper
 41 100
 69 96.7 64.4 96.6#
 39 66.9 51.3 76.9

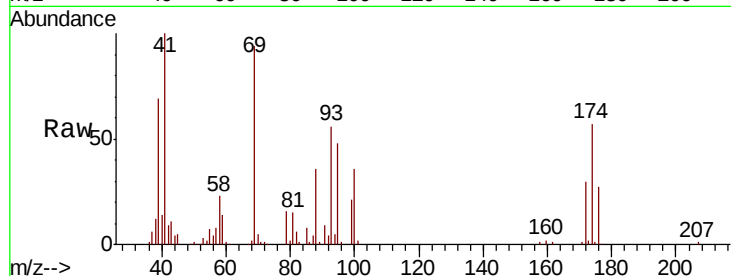




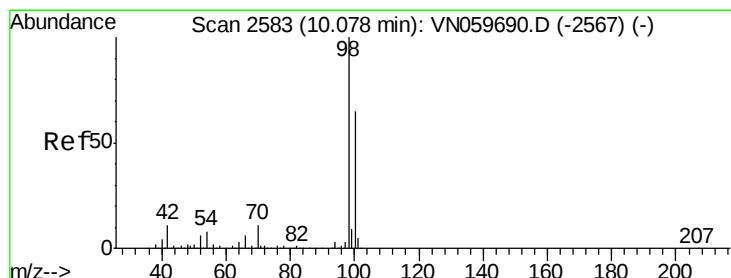
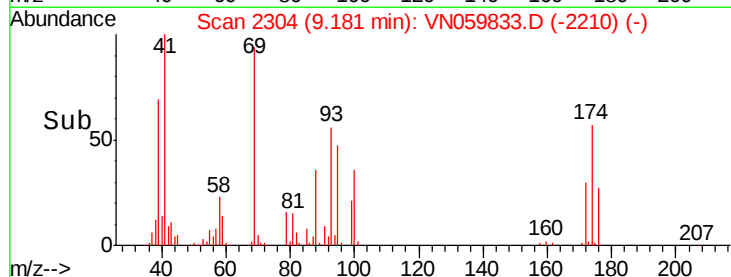
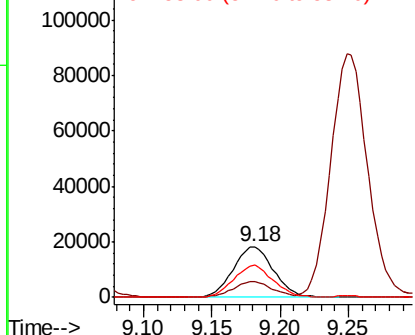
#49
1,4-Dioxane
Concen: 1022.374 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 37706
Ion Ratio Lower Upper
88 100
43 30.0 29.7 44.5
58 61.9 56.6 85.0

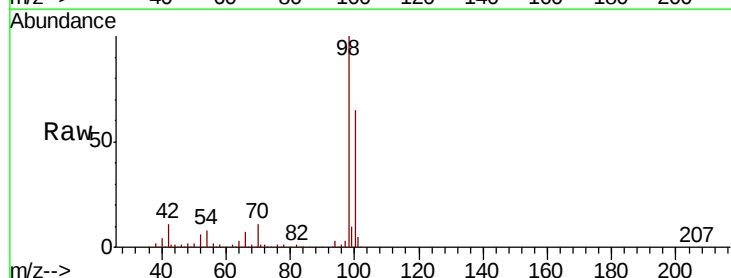


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

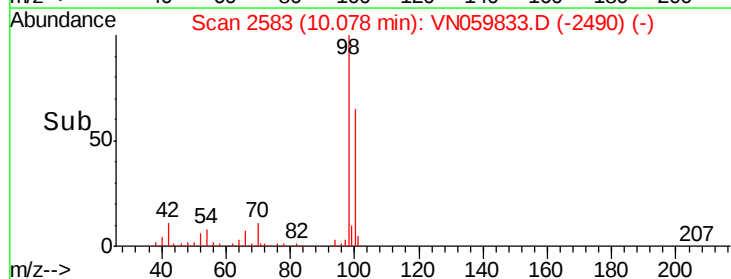
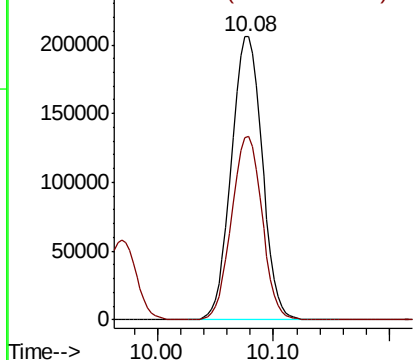


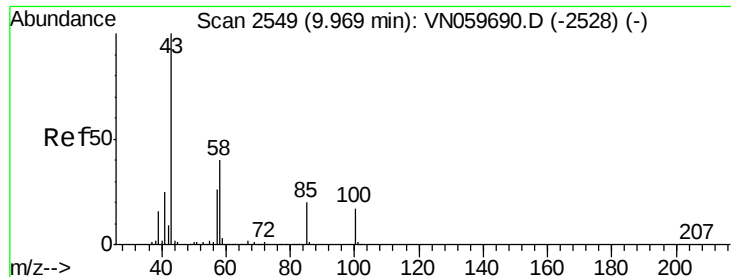
#50
Toluene-d8
Concen: 51.249 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 98 Resp: 379632
Ion Ratio Lower Upper
98 100
100 64.2 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: 233.307 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

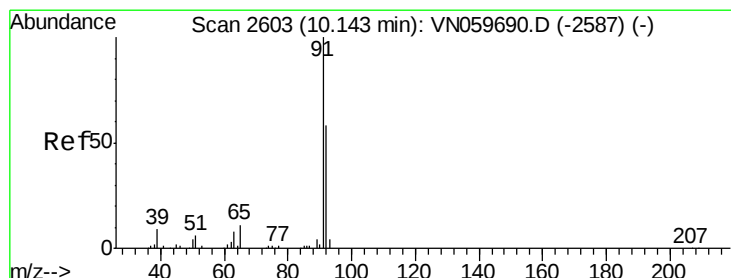
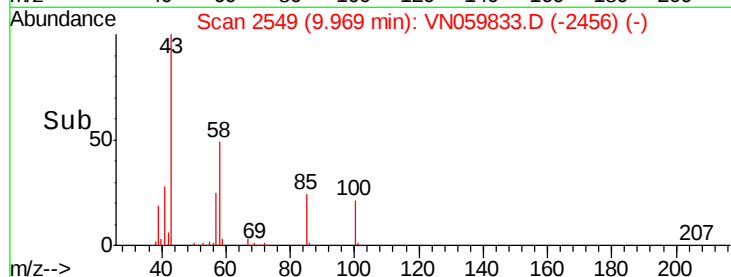
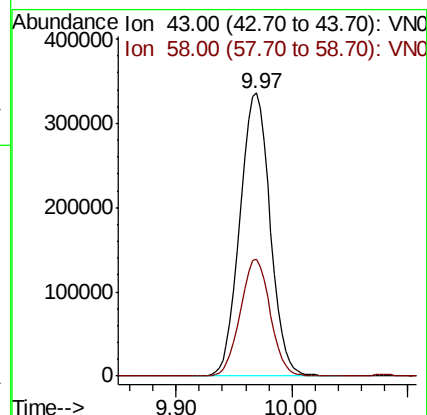
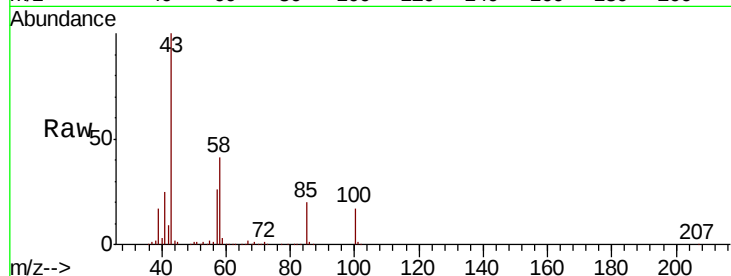
ClientSampled :

Tot Ion: 43 Resp: 607449

Ion Ratio Lower Upper

43 100

58 40.8 29.8 44.8



#52

Toluene

Concen: 51.836 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059833.D

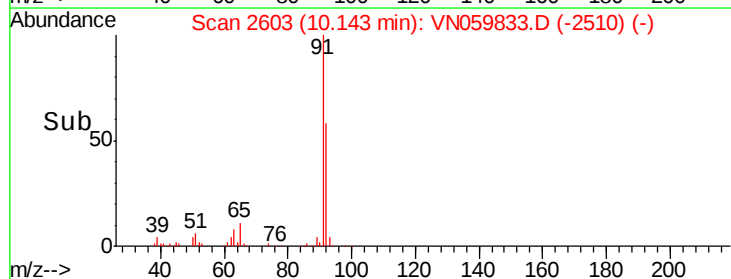
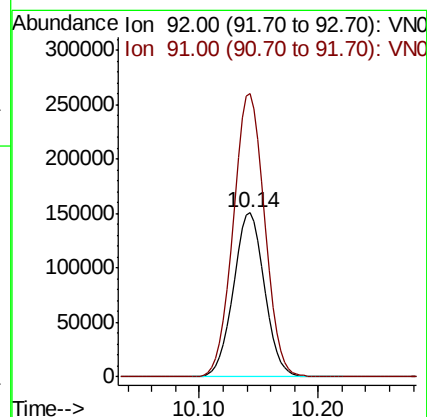
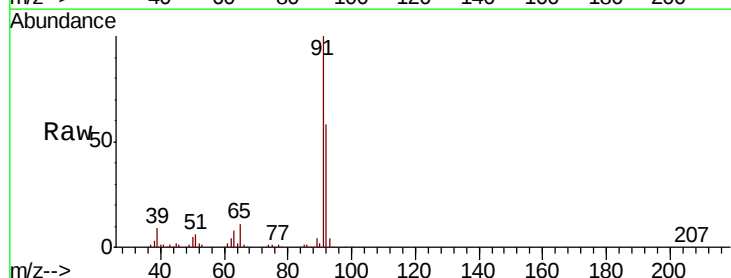
Acq: 24 Jan 2020 9:44

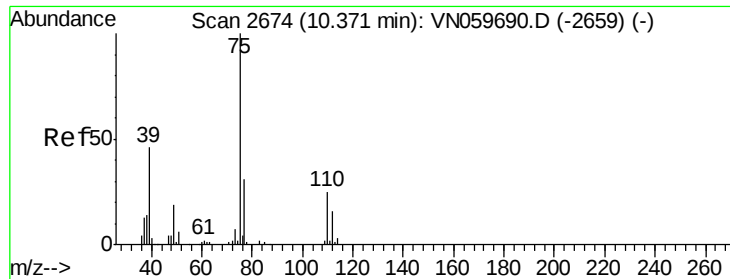
Tgt Ion: 92 Resp: 272625

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 53.070 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

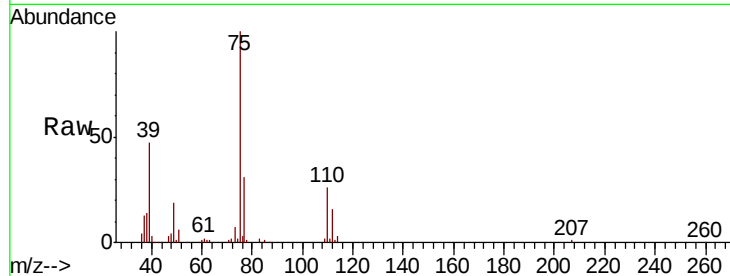
ClientSampled :

Tot Ion: 75 Resp: 173557

Ion Ratio Lower Upper

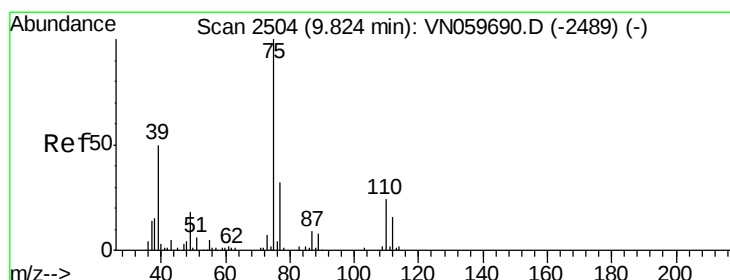
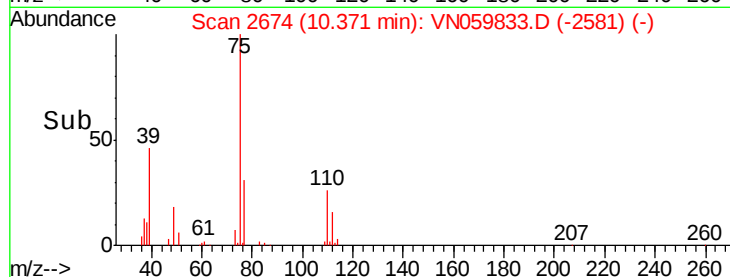
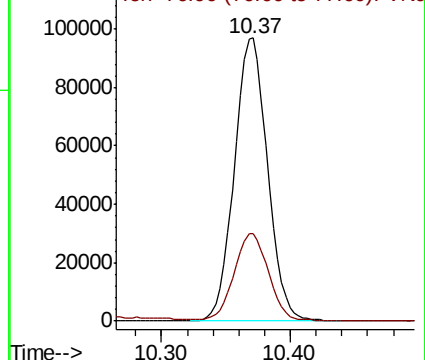
75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.280 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

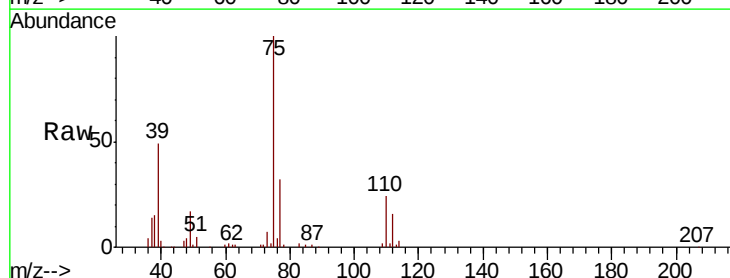
Tgt Ion: 75 Resp: 183336

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

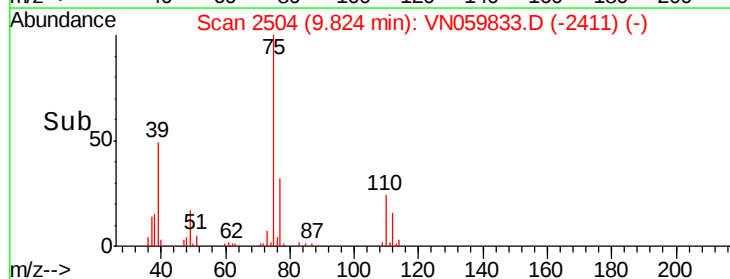
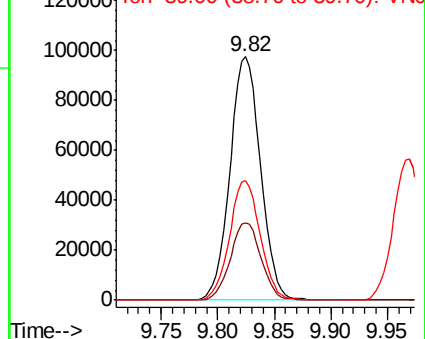
39 49.2 46.1 69.1

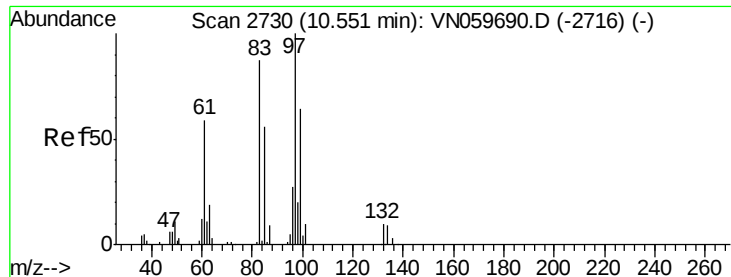


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

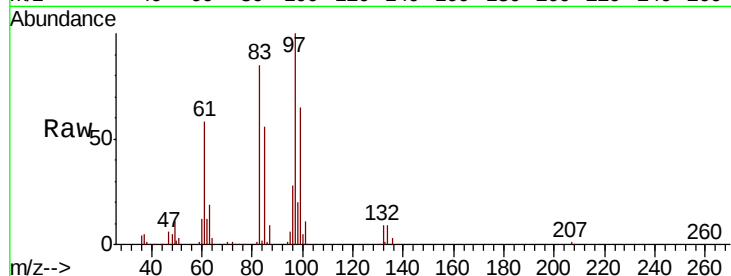




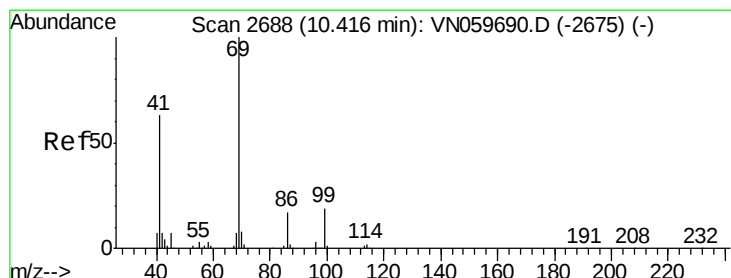
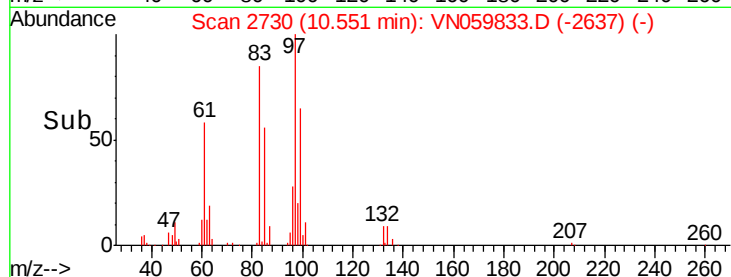
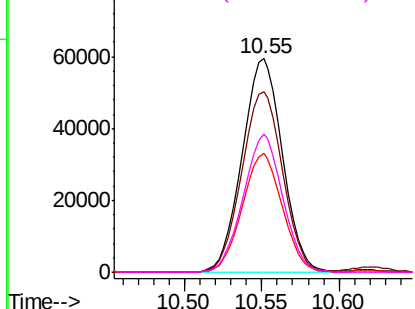
#55
 1,1,2-Trichloroethane
 Concen: 51.723 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	107739
Ion	Ratio	Lower	Upper
97	100		
83	84.7	71.3	106.9
85	55.6	45.8	68.8
99	64.6	50.0	75.0

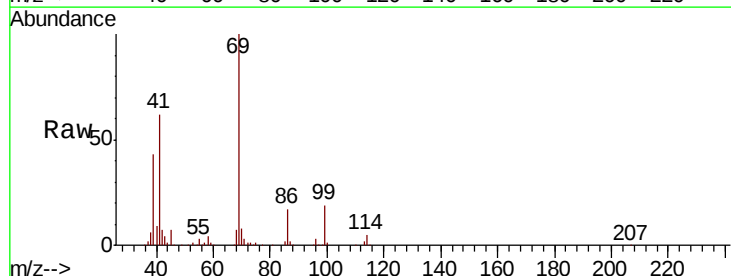


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

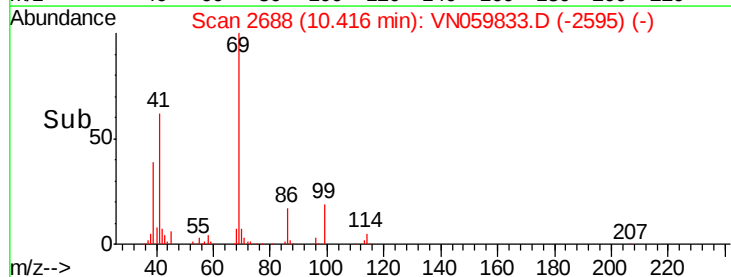
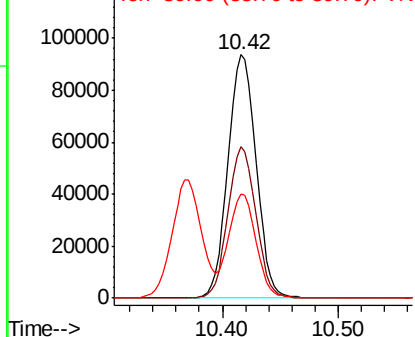


#56
 Ethyl methacrylate
 Concen: 49.368 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion:	69	Resp:	157133
Ion	Ratio	Lower	Upper
69	100		
41	61.1	57.1	85.7
39	41.8	34.7	52.1



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.051 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

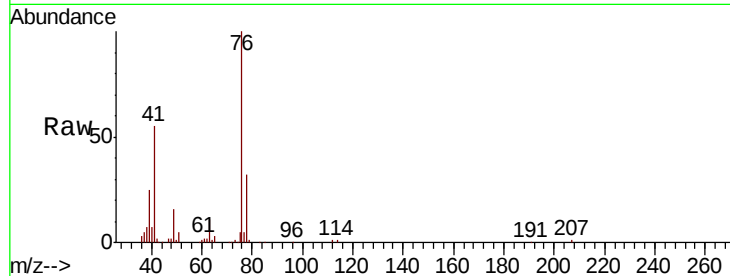
ClientSampled :

Tot Ion: 76 Resp: 175443

Ion Ratio Lower Upper

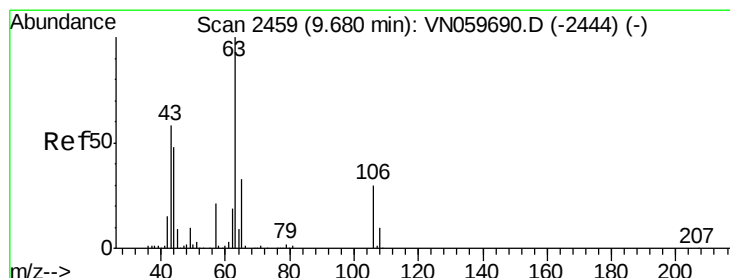
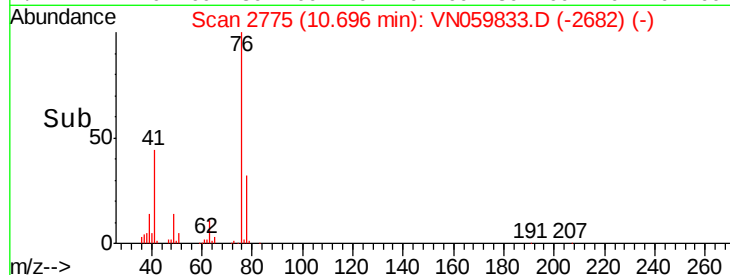
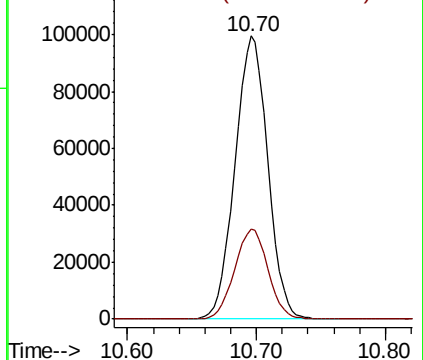
76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 216.672 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059833.D

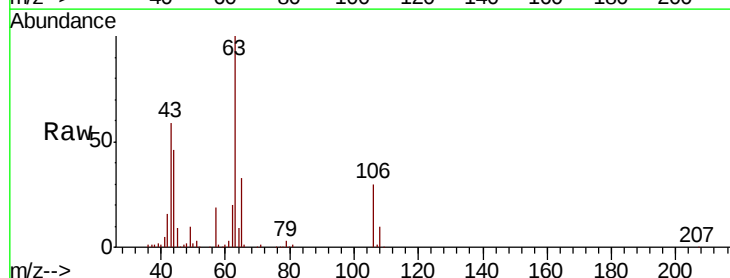
Acq: 24 Jan 2020 9:44

Tgt Ion: 63 Resp: 207721

Ion Ratio Lower Upper

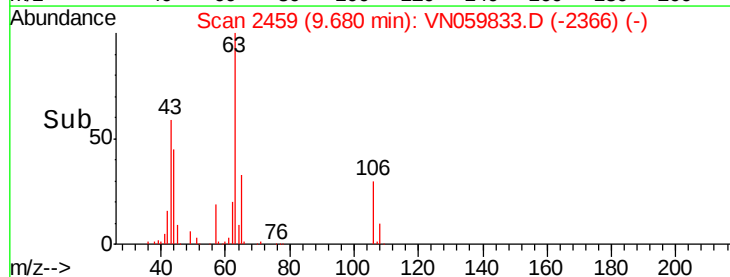
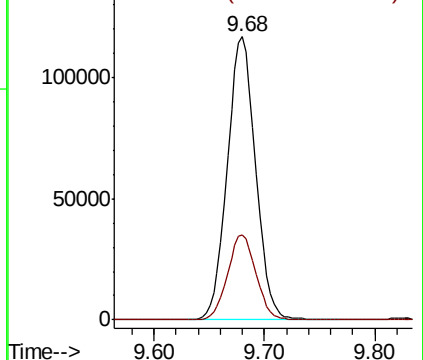
63 100

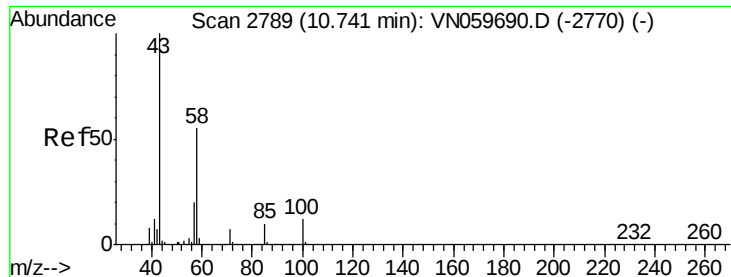
106 30.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

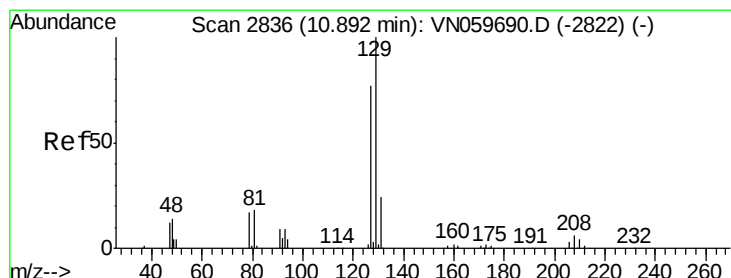
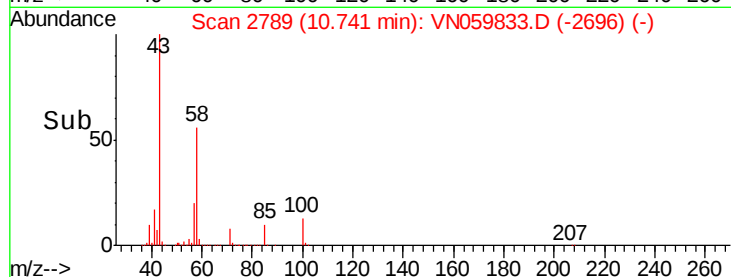
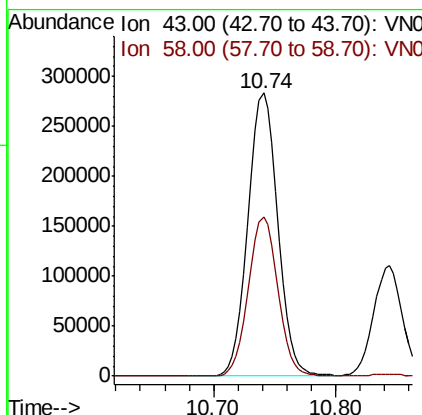
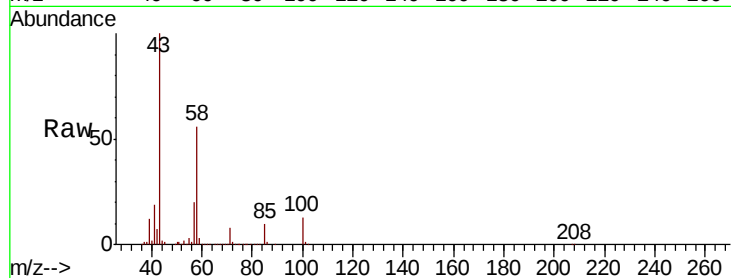




#59
2-Hexanone
Concen: 248.129 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

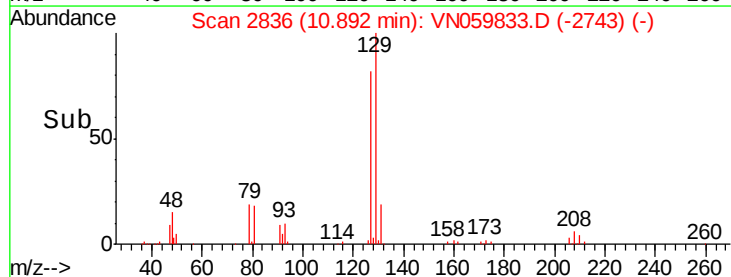
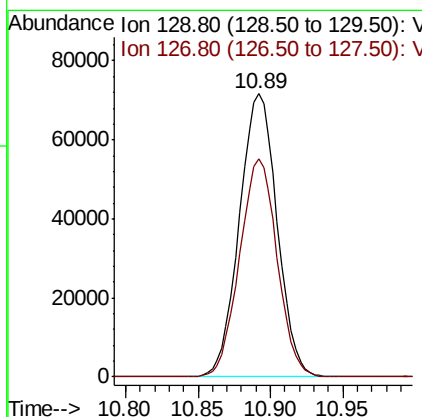
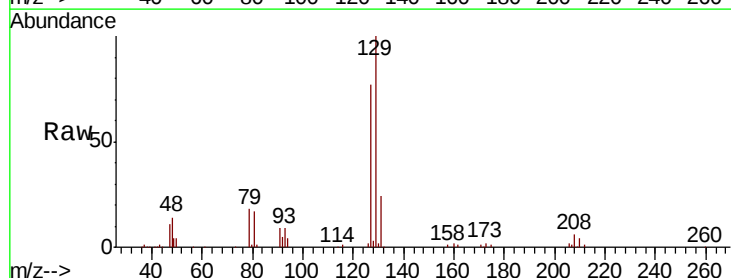
Instrument :
MSVOA_N
ClientSampleId :

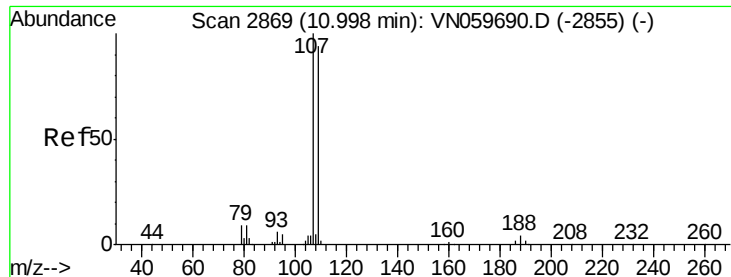
Tot Ion: 43 Resp: 475940
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3



#60
Dibromochloromethane
Concen: 54.675 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 129 Resp: 129692
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

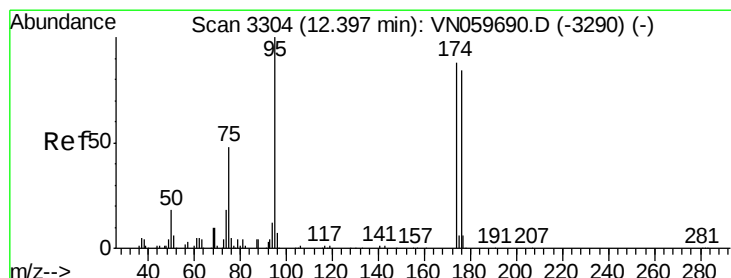
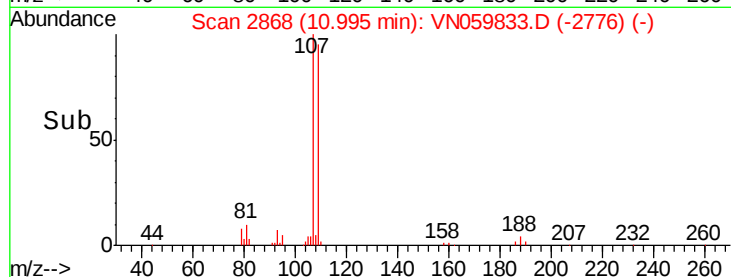
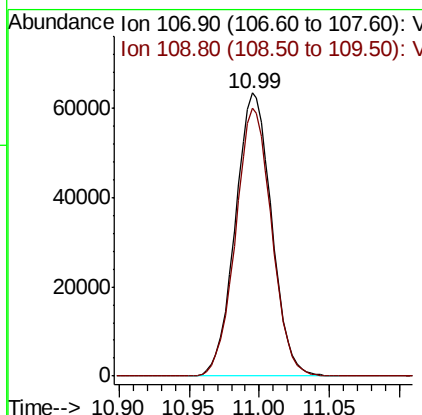
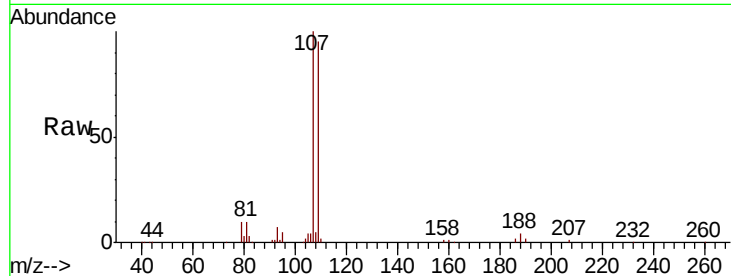




#61
 1,2-Dibromoethane
 Concen: 52.362 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

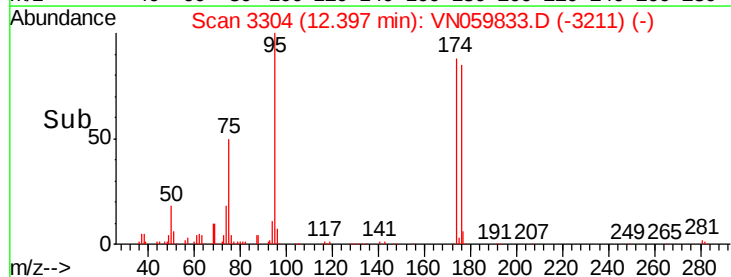
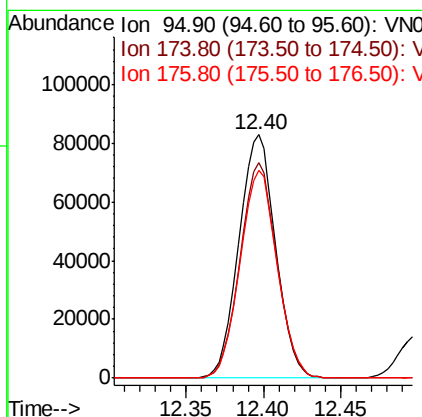
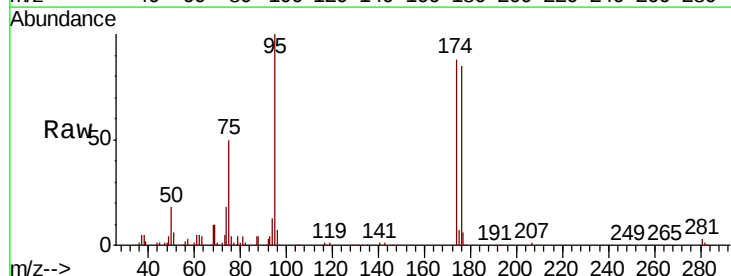
Instrument :
 MSVOA_N
 ClientSampleId :

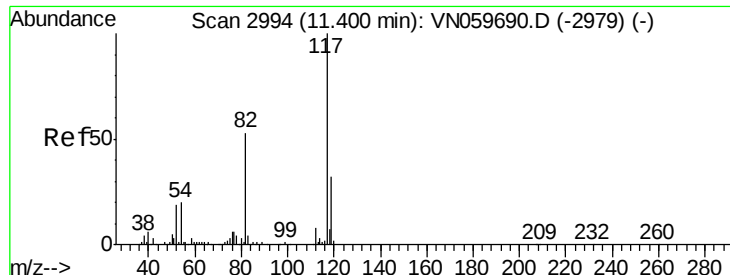
Tot Ion:107 Resp: 114319
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.211 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion: 95 Resp: 136756
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 151.4
 176 86.4 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: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampled :

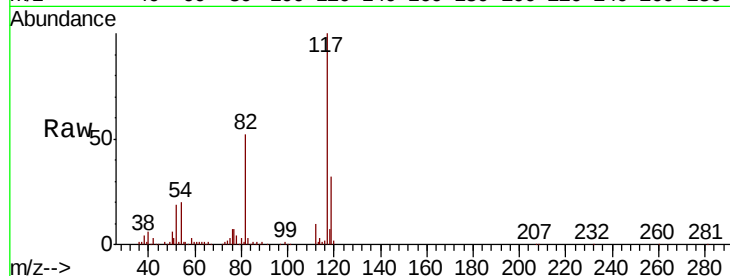
Tot Ion:117 Resp: 289815

Ion Ratio Lower Upper

117 100

82 52.2 45.9 68.9

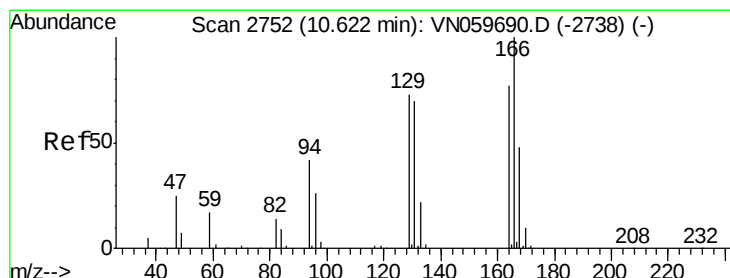
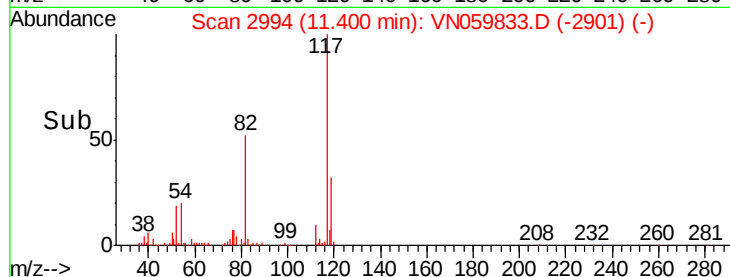
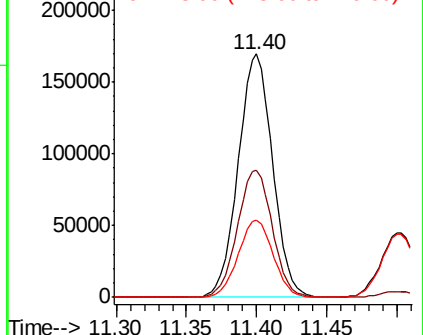
119 31.8 25.5 38.3



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: 52.953 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Tgt Ion:164 Resp: 125075

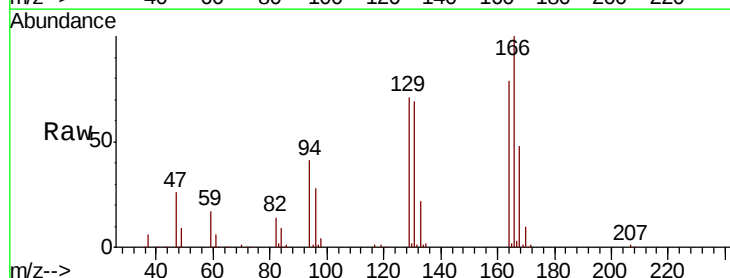
Ion Ratio Lower Upper

164 100

166 127.4 101.4 152.0

129 90.5 80.2 120.4

131 88.3 75.0 112.4

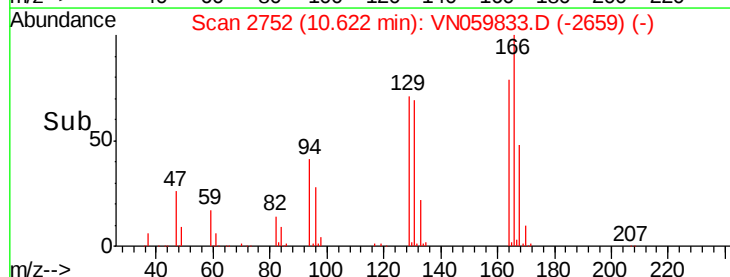
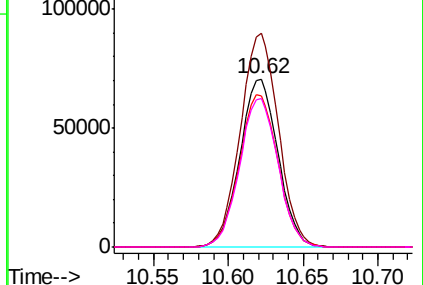


Abundance Ion 163.80 (163.50 to 164.50): V

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

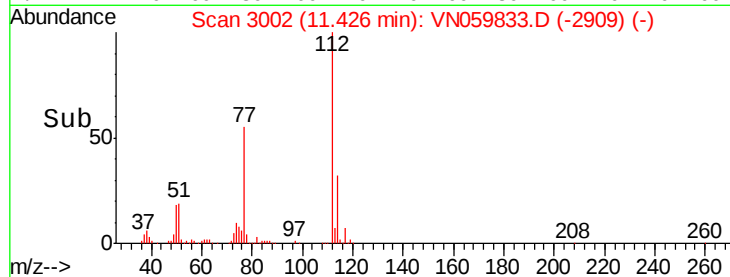
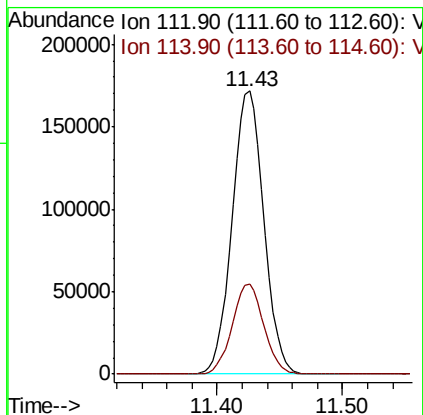
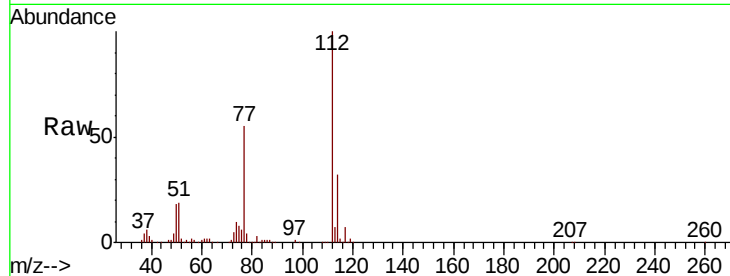




#65
Chlorobenzene
Concen: 52.724 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

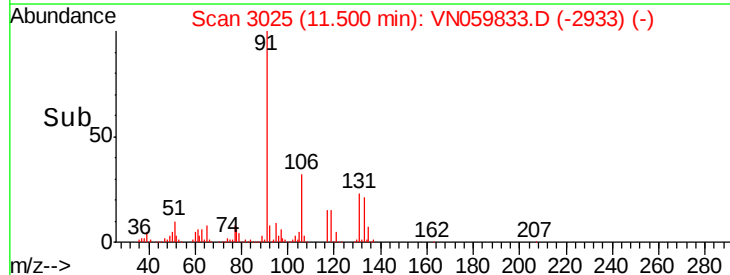
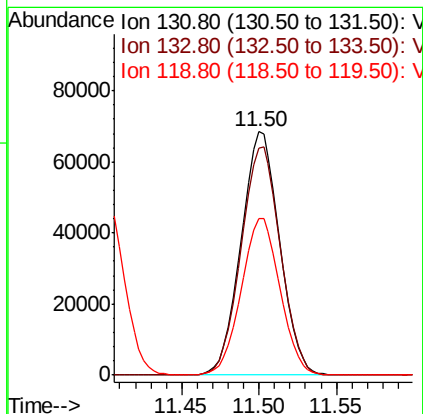
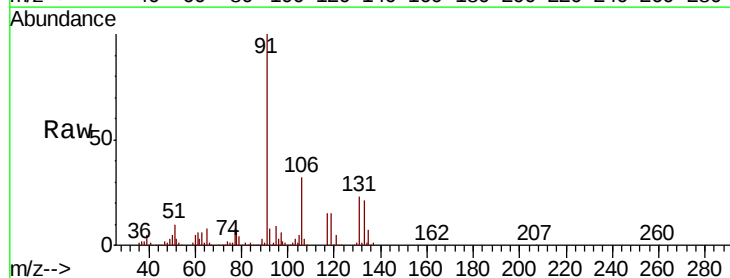
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 300337
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.009 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:131 Resp: 118878
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 64.7 33.1 99.3





#67

Ethyl Benzene

Concen: 52.241 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

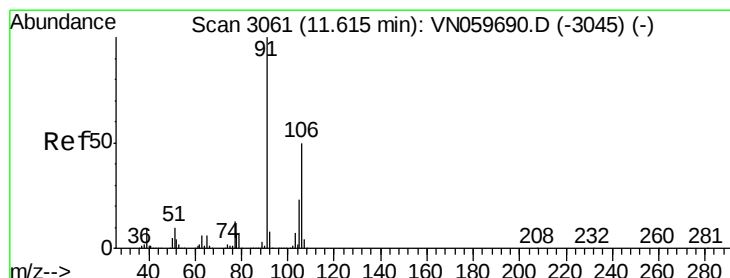
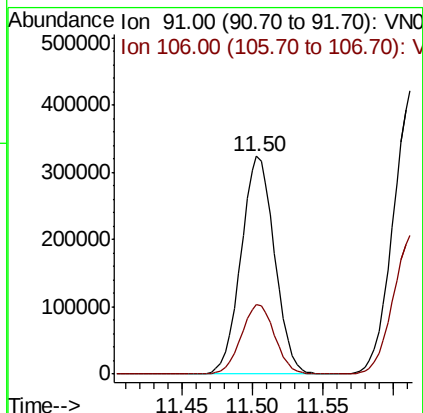
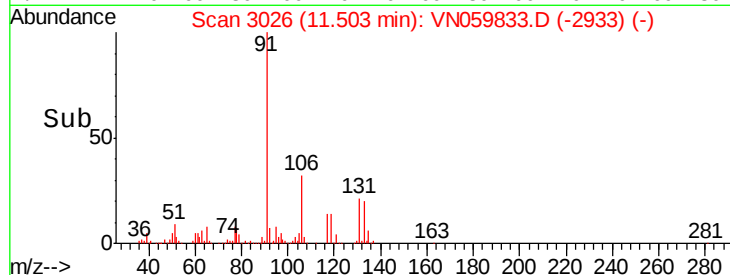
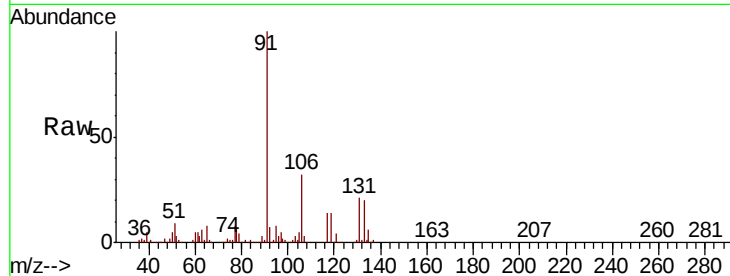
ClientSampleId :

Tot Ion: 91 Resp: 540212

Ion Ratio Lower Upper

91 100

106 31.9 24.1 36.1



#68

m/p-Xylenes

Concen: 104.473 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059833.D

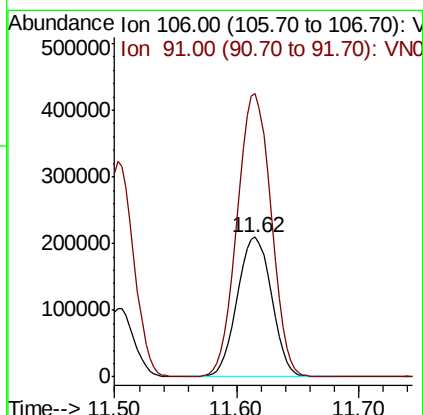
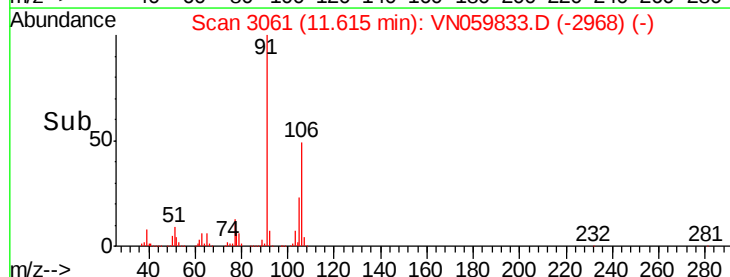
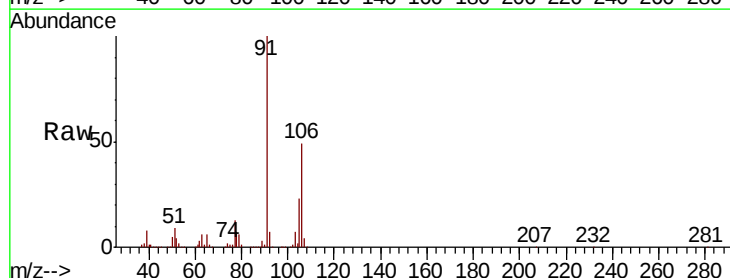
Acq: 24 Jan 2020 9:44

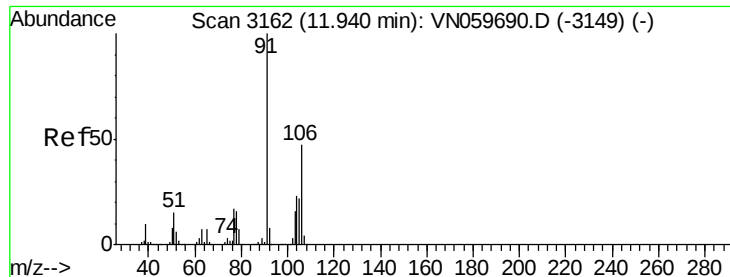
Tgt Ion: 106 Resp: 408086

Ion Ratio Lower Upper

106 100

91 200.9 167.9 251.9

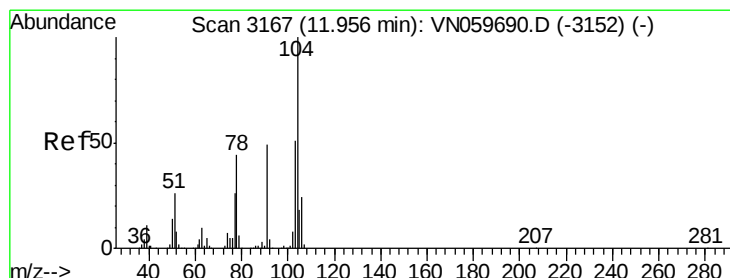
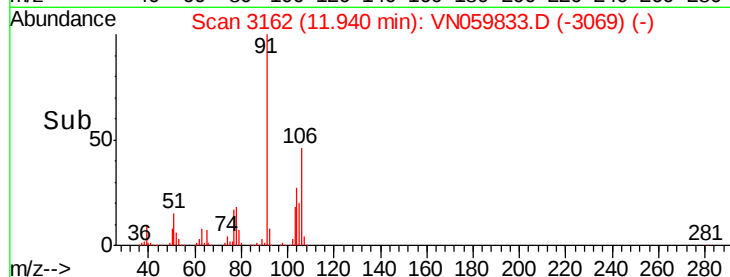
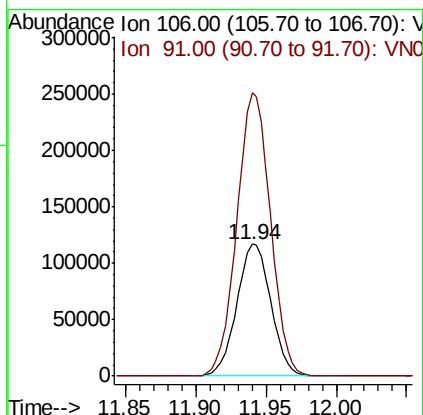
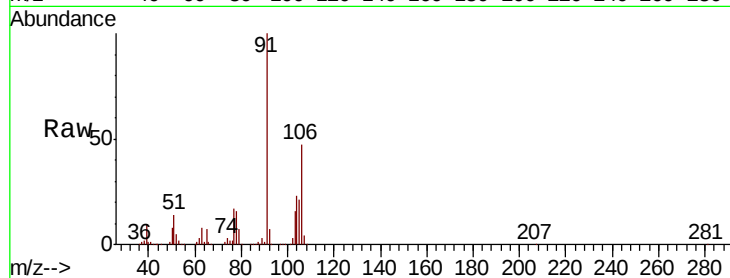




#69
o-Xylene
Concen: 51.654 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

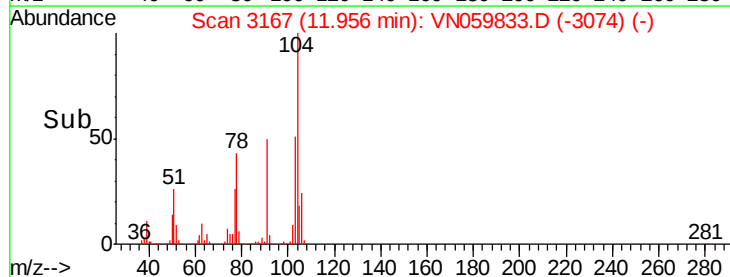
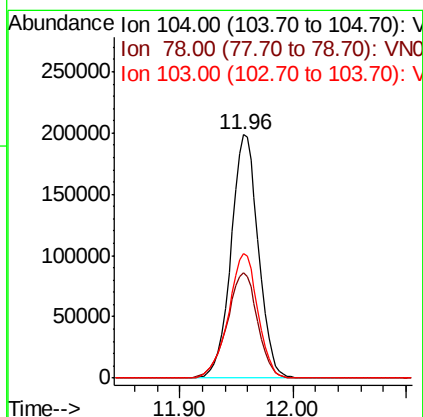
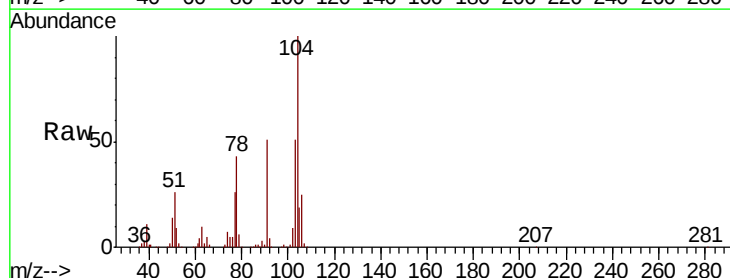
Instrument :
MSVOA_N
ClientSampled :

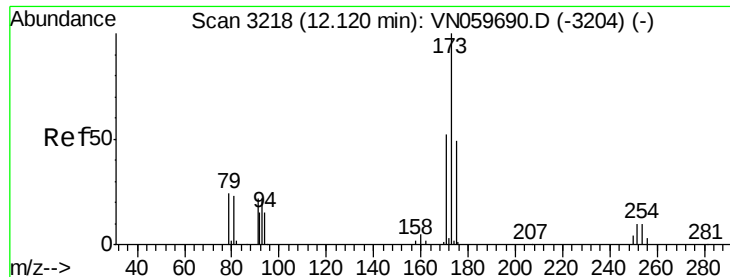
Tot Ion:106 Resp: 197531
Ion Ratio Lower Upper
106 100
91 212.5 110.3 330.9



#70
Styrene
Concen: 52.015 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:104 Resp: 332853
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.2 43.9 65.9

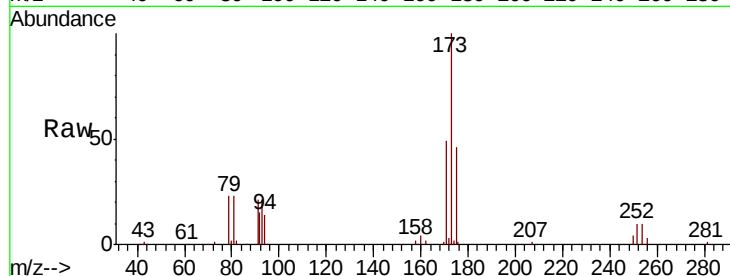




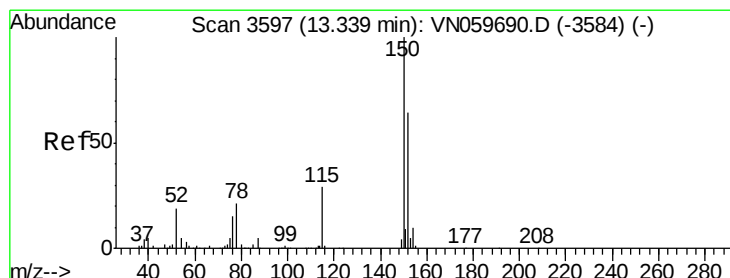
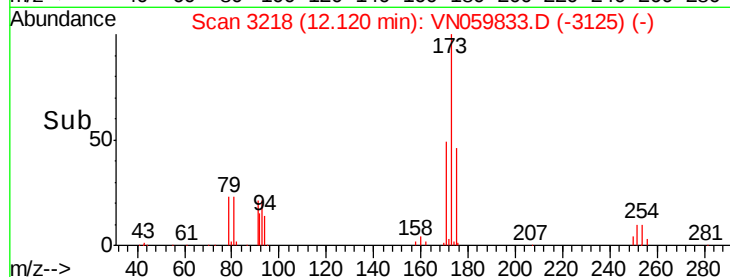
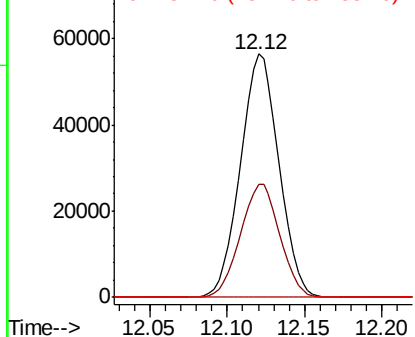
#71
Bromoform
Concen: 55.379 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 97639
Ion Ratio Lower Upper
173 100
175 47.3 23.8 71.4
254 0.0 0.0 0.0

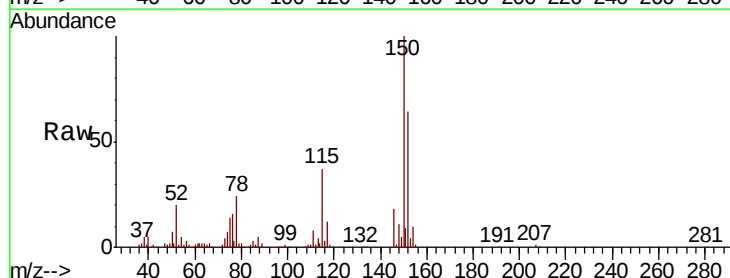


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

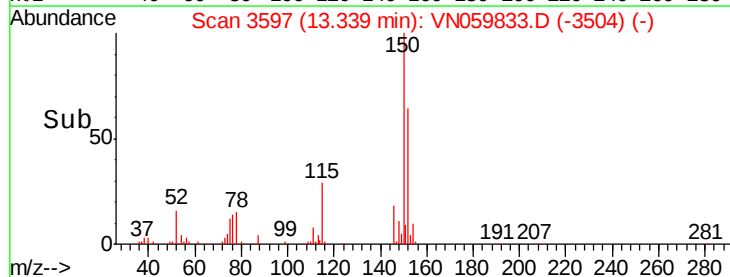
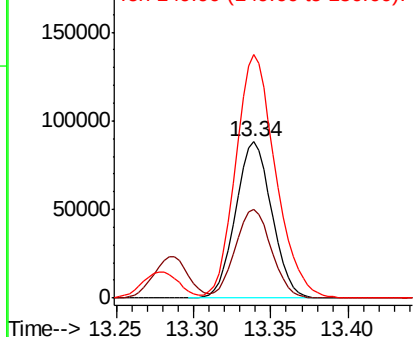


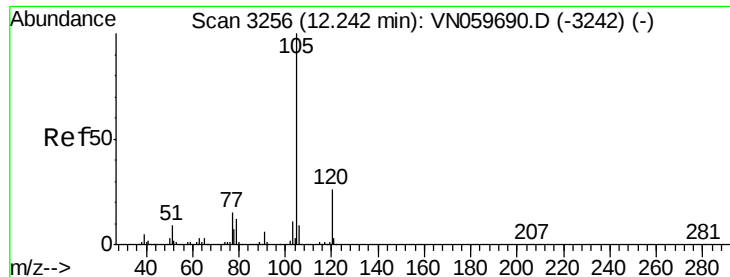
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:152 Resp: 143016
Ion Ratio Lower Upper
152 100
115 57.2 30.3 90.9
150 171.2 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: 51.148 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

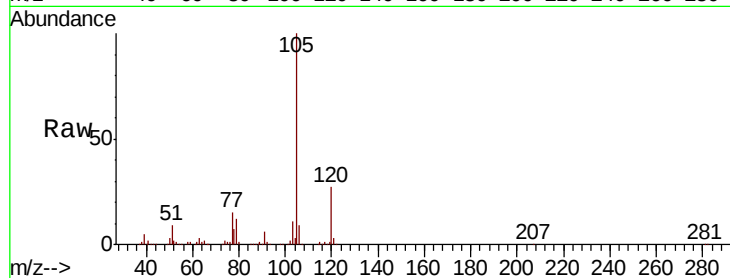
ClientSampleId :

Tot Ion:105 Resp: 536475

Ion Ratio Lower Upper

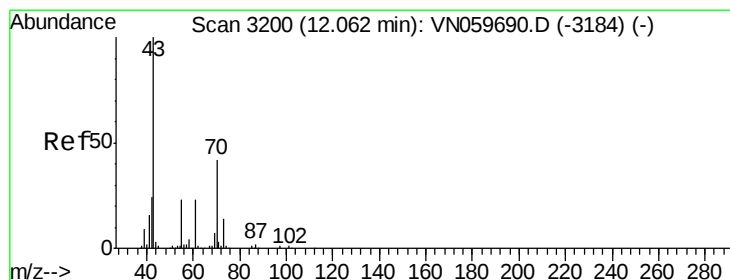
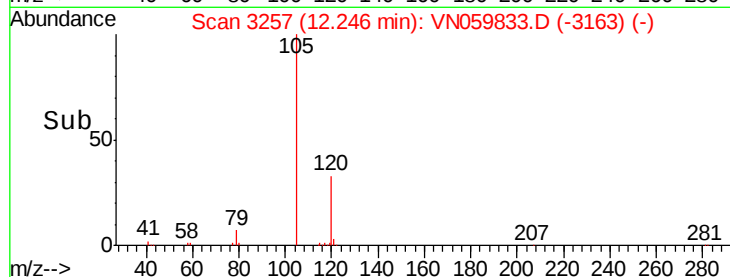
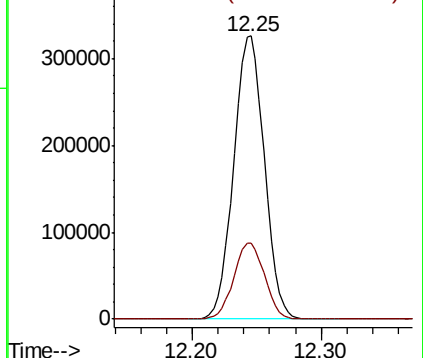
105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.178 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Tgt Ion: 43 Resp: 183872

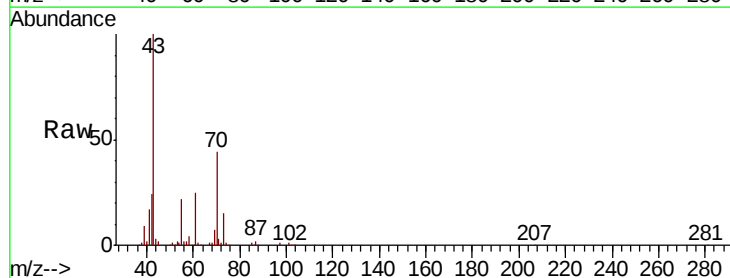
Ion Ratio Lower Upper

43 100

70 43.7 31.3 46.9

55 23.3 19.8 29.6

61 24.7 18.3 27.5

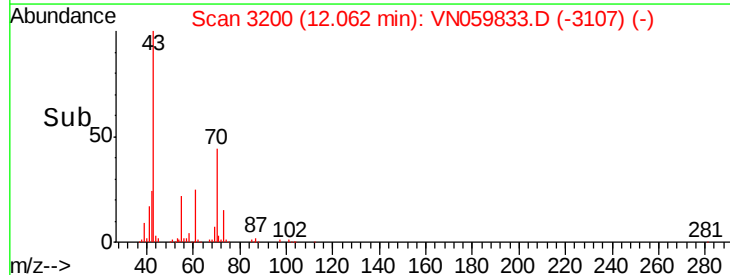
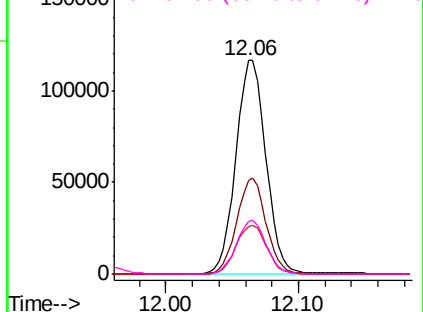


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 48.169 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampled :

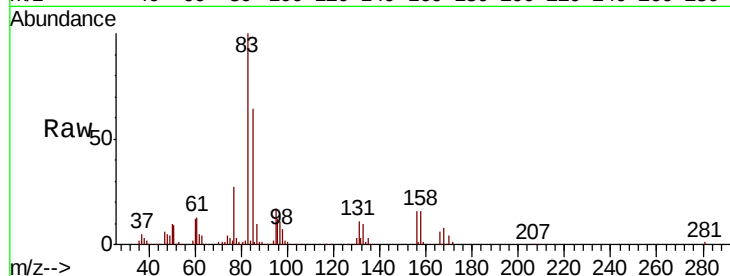
Tot Ion: 83 Resp: 146466

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

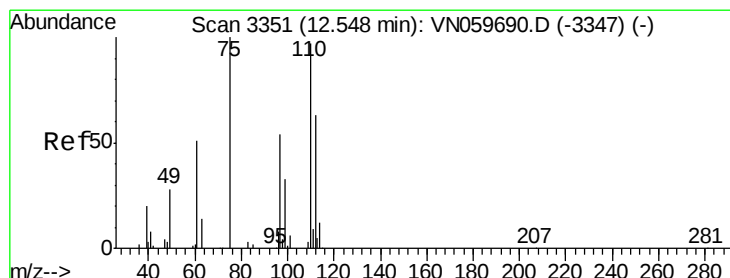
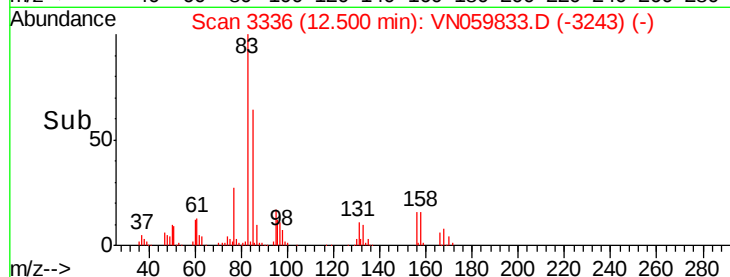
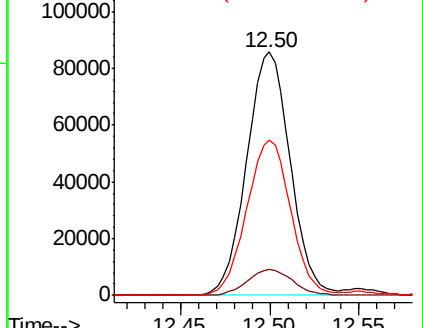
85 64.3 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 82.866 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059833.D

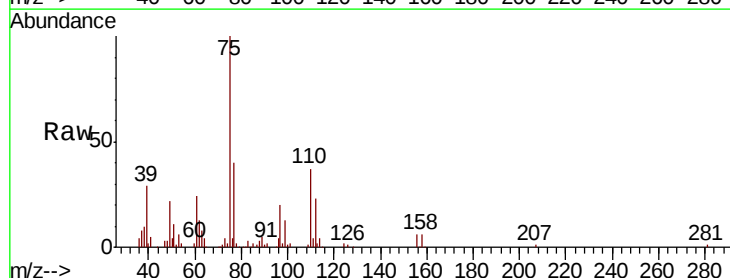
Acq: 24 Jan 2020 9:44

Tgt Ion: 75 Resp: 199442

Ion Ratio Lower Upper

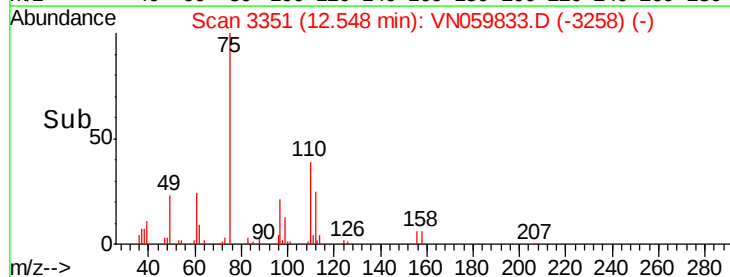
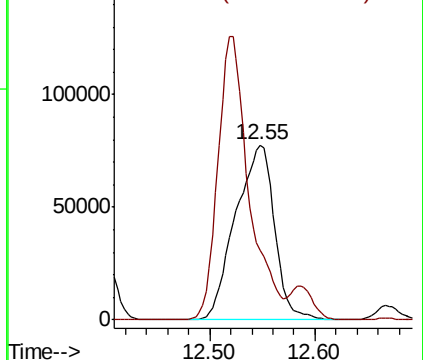
75 100

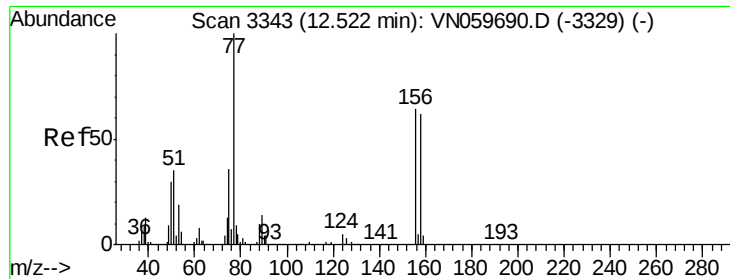
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.967 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampleId :

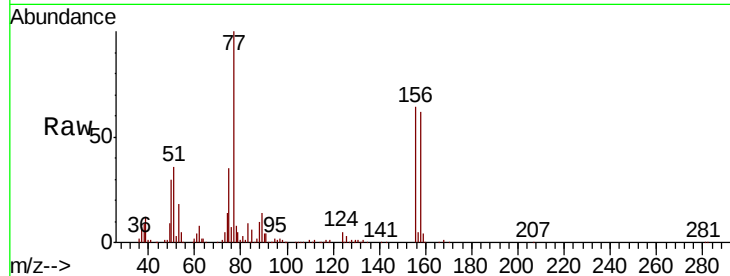
Tot Ion:156 Resp: 135376

Ion Ratio Lower Upper

156 100

77 189.6 115.8 347.4

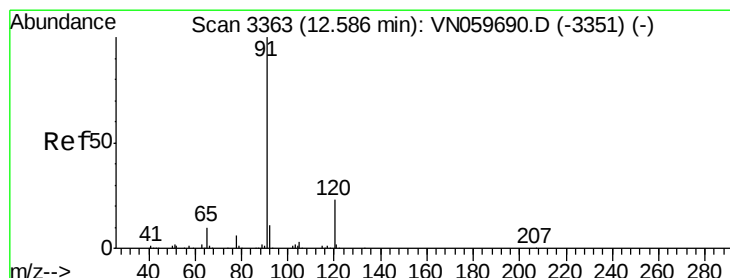
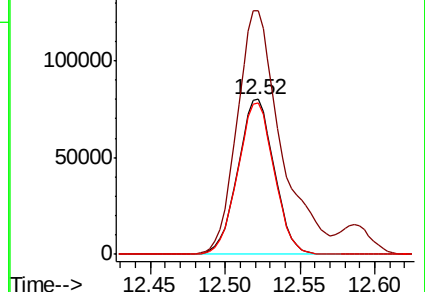
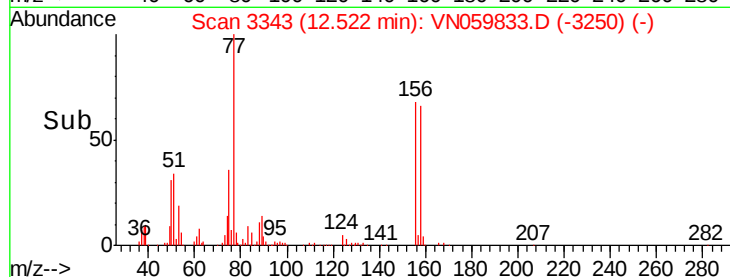
158 98.0 49.2 147.6



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: 51.603 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059833.D

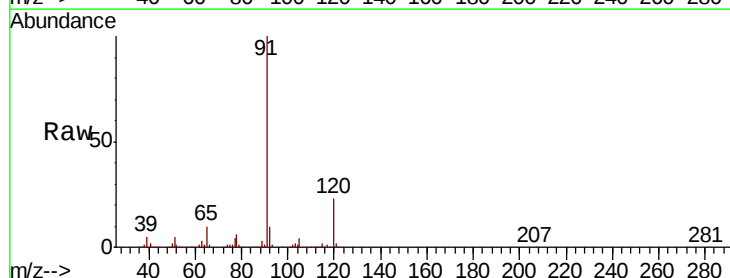
Acq: 24 Jan 2020 9:44

Tgt Ion: 91 Resp: 607502

Ion Ratio Lower Upper

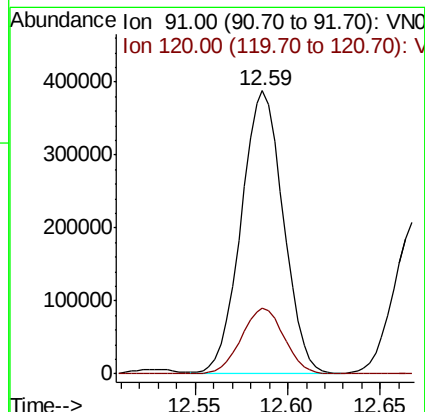
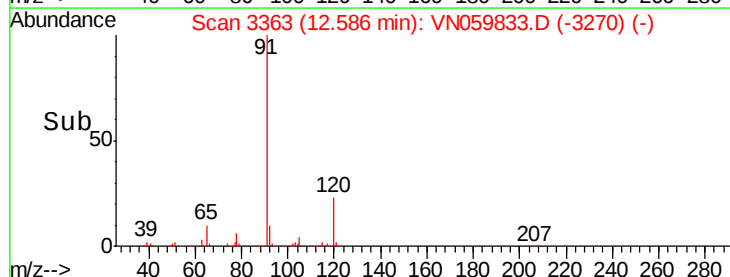
91 100

120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.655 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

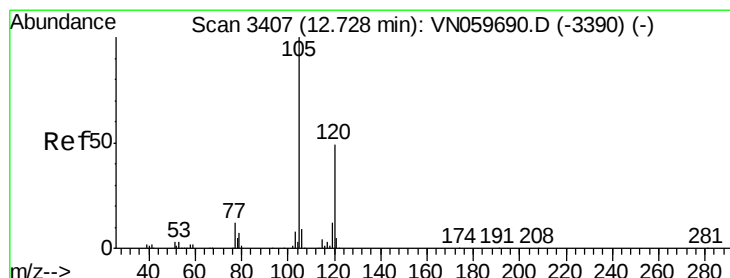
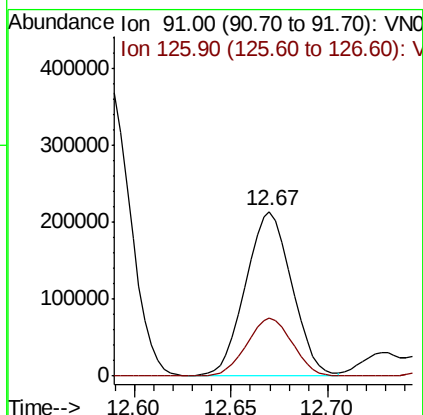
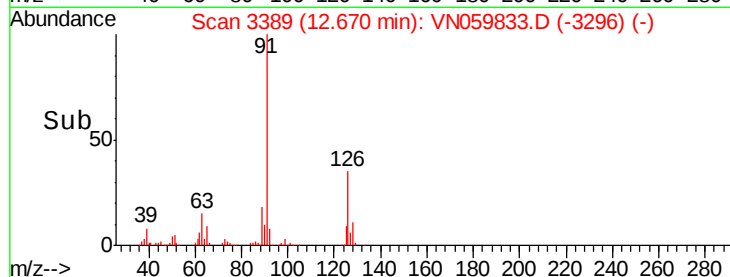
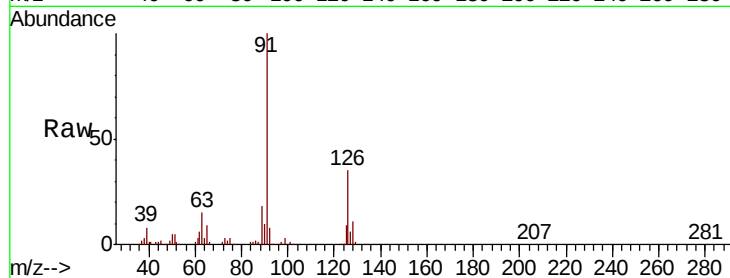
ClientSampled :

Tot Ion: 91 Resp: 354758

Ion Ratio Lower Upper

91 100

126 35.2 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 51.337 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059833.D

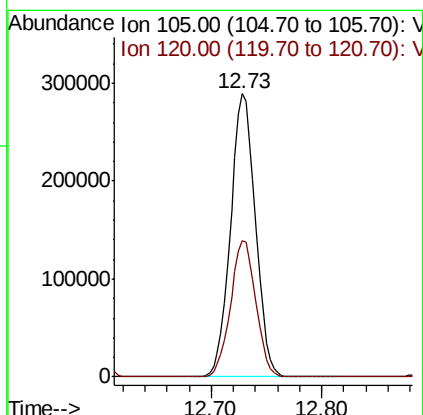
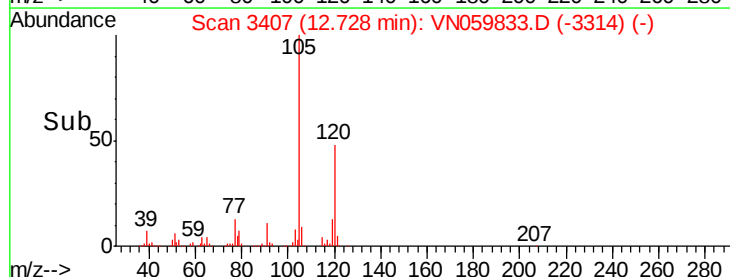
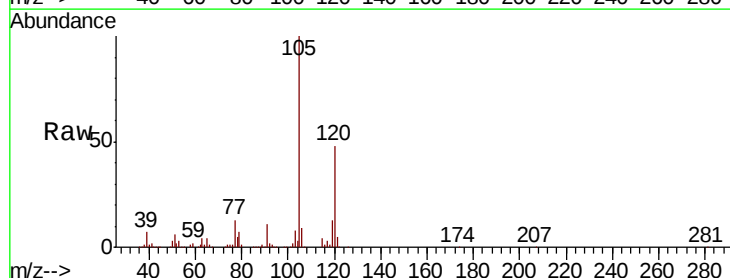
Acq: 24 Jan 2020 9:44

Tgt Ion: 105 Resp: 452842

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

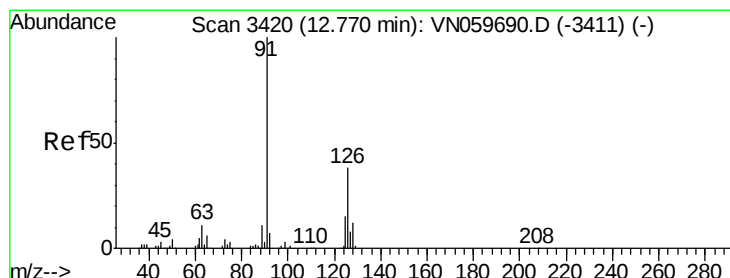
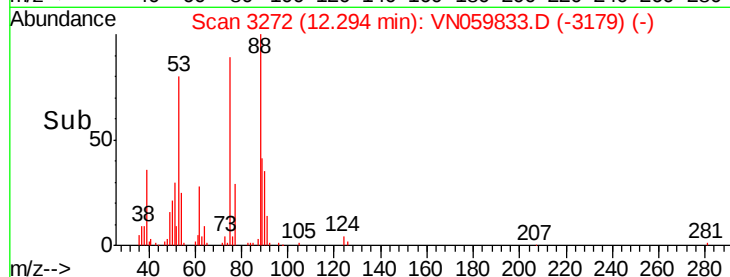
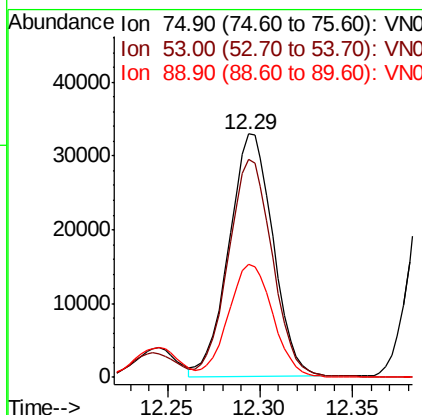
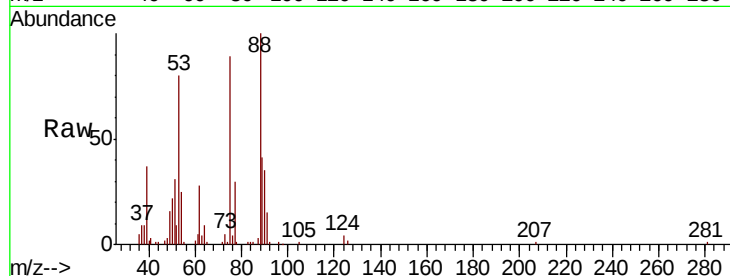




#81
trans-1,4-Dichloro-2-butene
Concen: 48.030 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

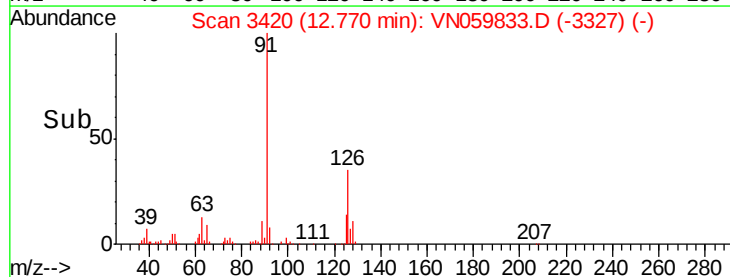
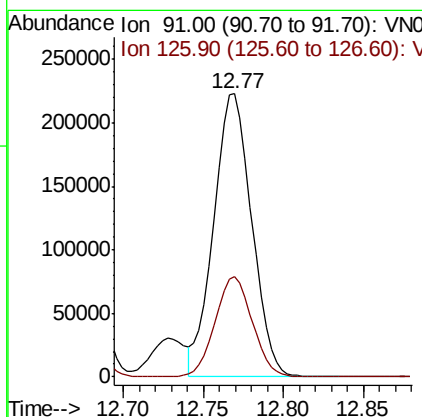
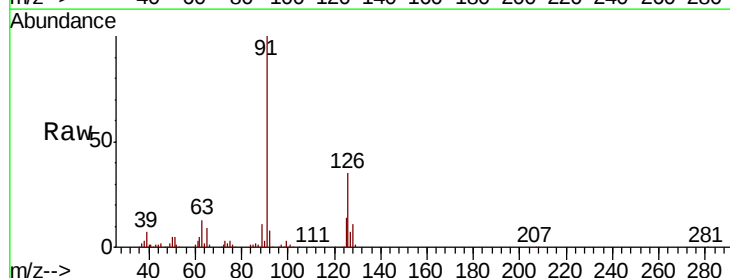
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 53830
Ion Ratio Lower Upper
75 100
53 91.0 78.1 117.1
89 47.5 35.4 53.2



#82
4-Chlorotoluene
Concen: 51.870 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion: 91 Resp: 364367
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

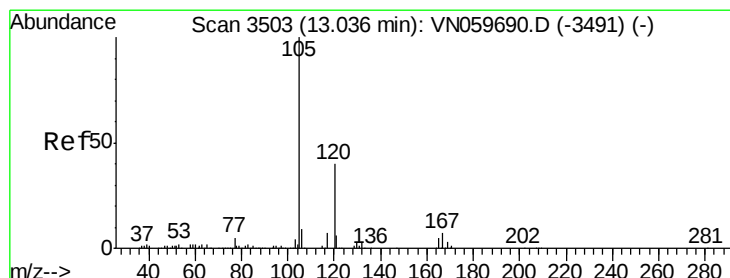
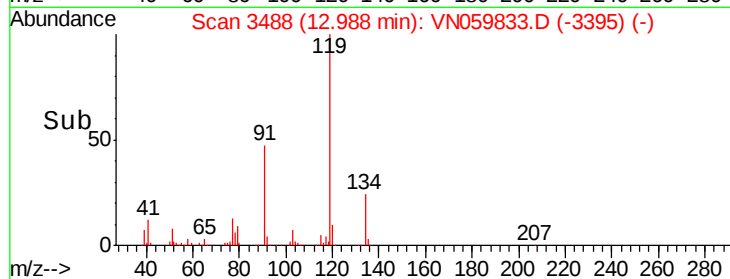
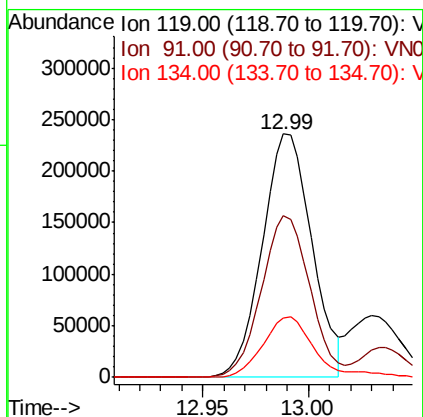
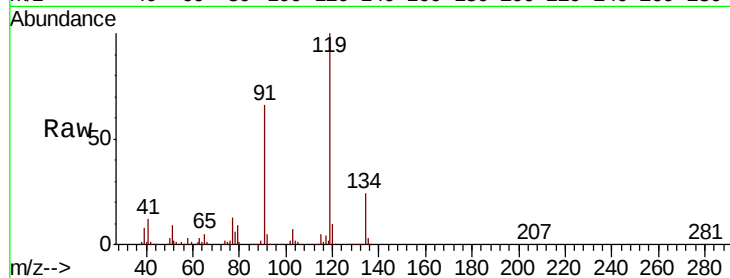




#83
tert-Butylbenzene
Concen: 50.717 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

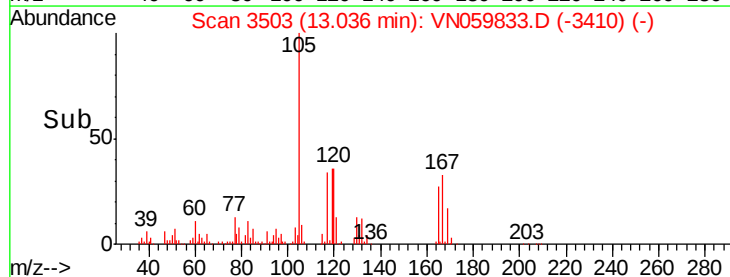
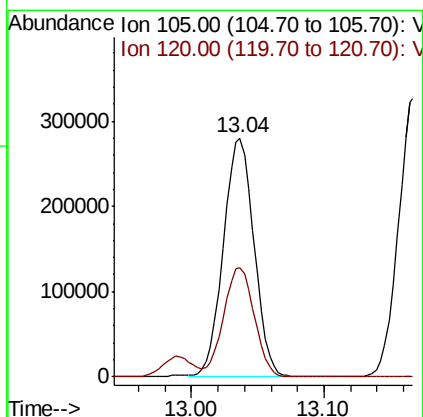
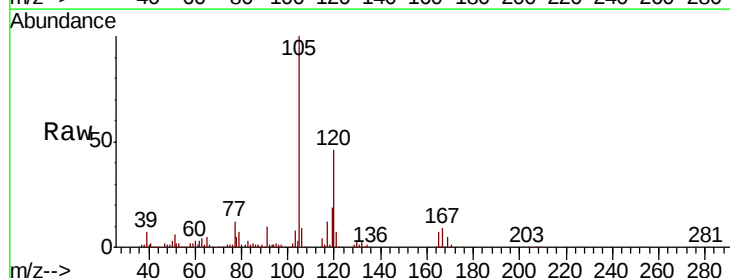
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 386923
Ion Ratio Lower Upper
119 100
91 64.9 34.8 104.4
134 26.1 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 51.639 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:105 Resp: 450641
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.014 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

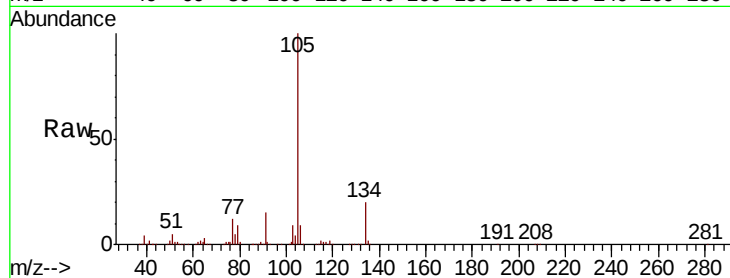
ClientSampleId :

Tot Ion:105 Resp: 521355

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

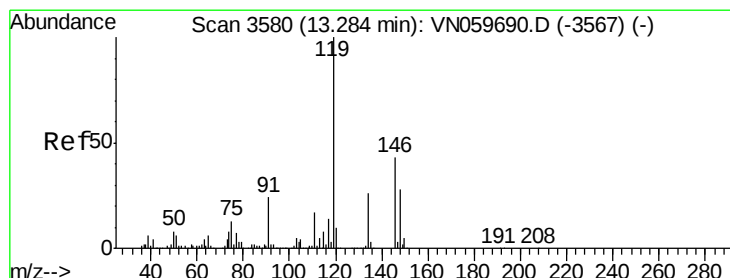
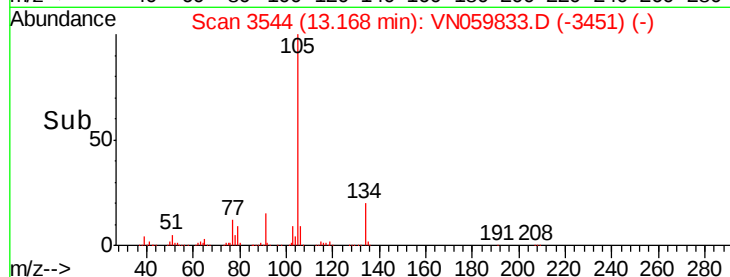
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.721 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

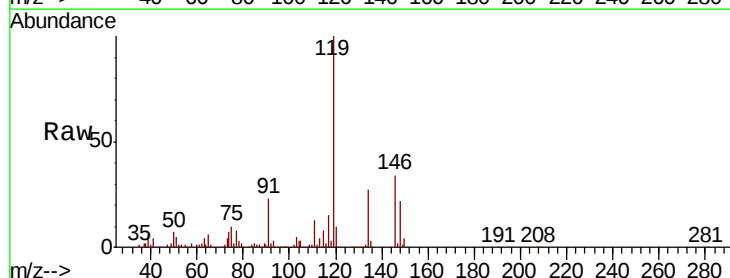
Tgt Ion:119 Resp: 479697

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

91 23.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

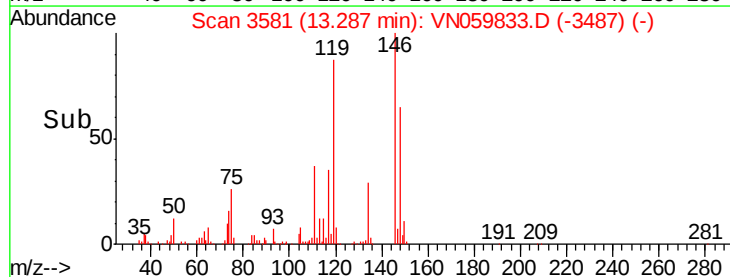
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.196 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampleId :

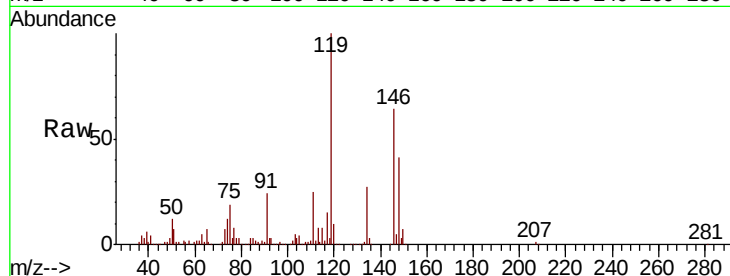
Tot Ion:146 Resp: 245438

Ion Ratio Lower Upper

146 100

111 38.4 20.8 62.2

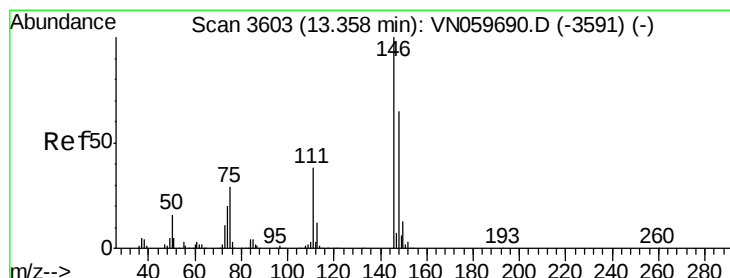
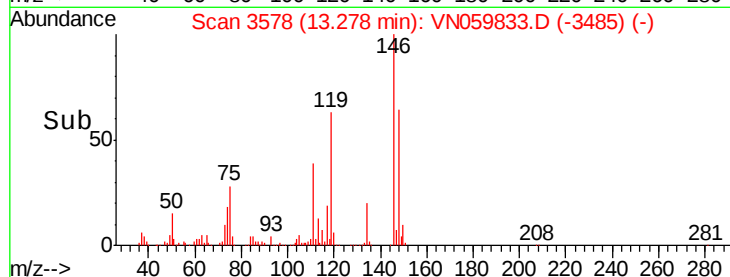
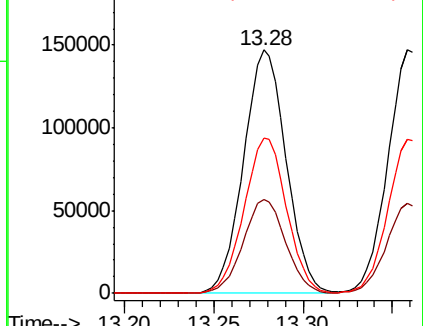
148 63.6 32.0 96.0



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: 52.604 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

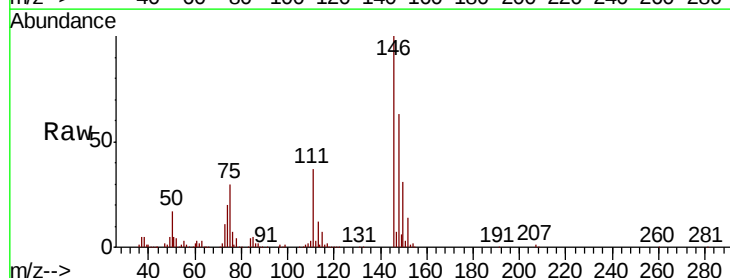
Tgt Ion:146 Resp: 242125

Ion Ratio Lower Upper

146 100

111 37.6 20.8 62.2

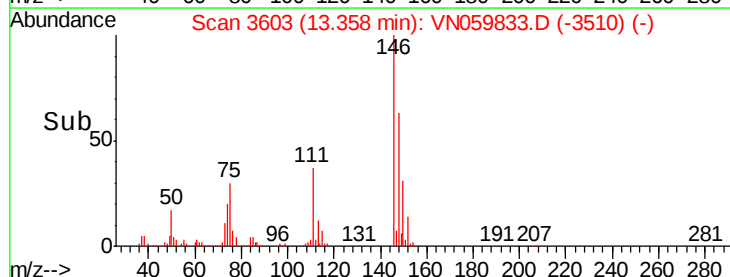
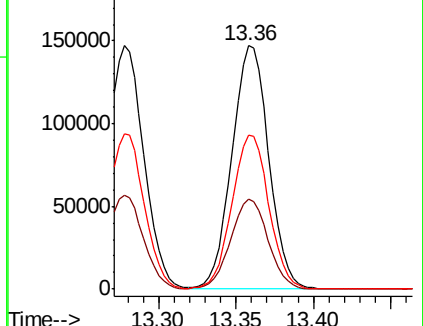
148 63.8 31.8 95.4

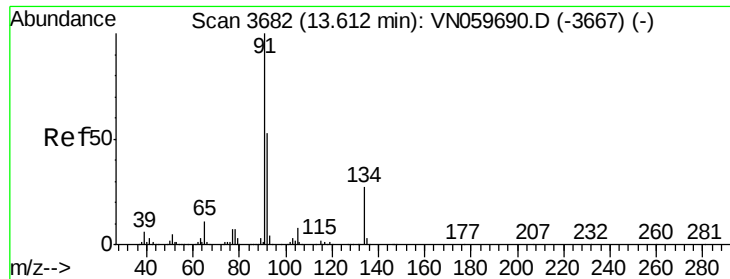


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.684 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059833.D

Acq: 24 Jan 2020 9:44

Instrument :

MSVOA_N

ClientSampleId :

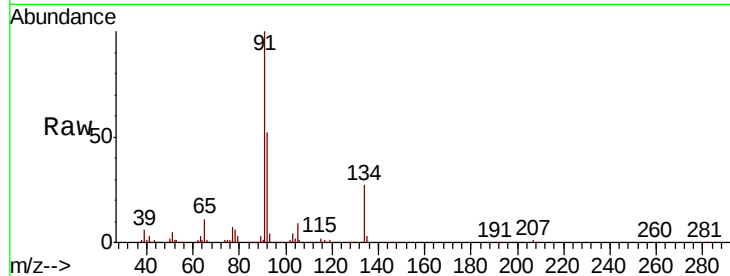
Tot Ion: 91 Resp: 416619

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.7

134 26.7 12.3 36.8

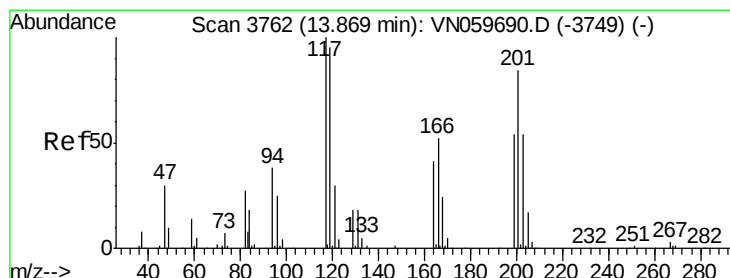
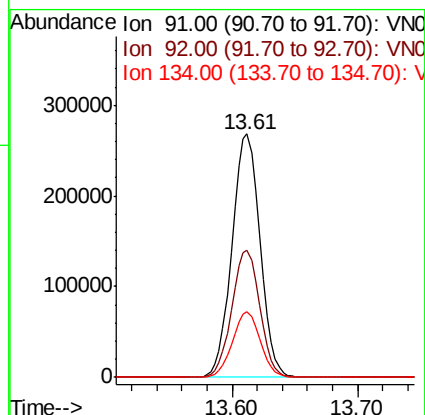
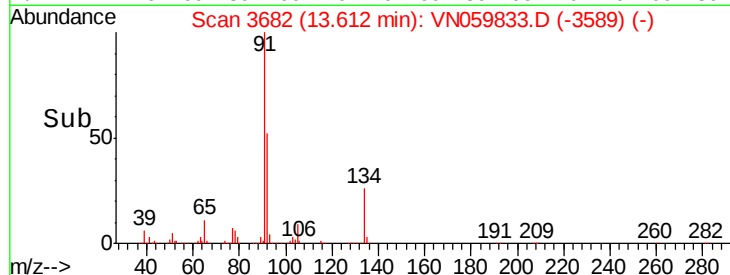


Abundance Ion 91.00 (90.70 to 91.70): VN059833.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059833.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059833.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 52.114 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059833.D

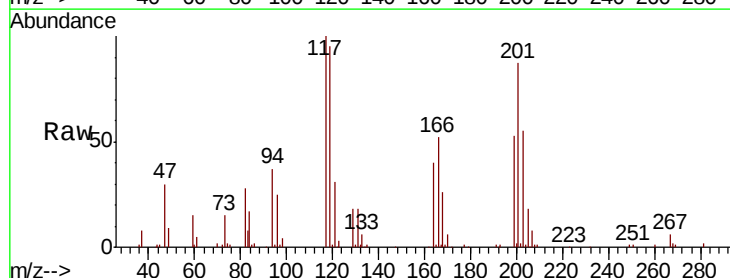
Acq: 24 Jan 2020 9:44

Tgt Ion: 117 Resp: 90432

Ion Ratio Lower Upper

117 100

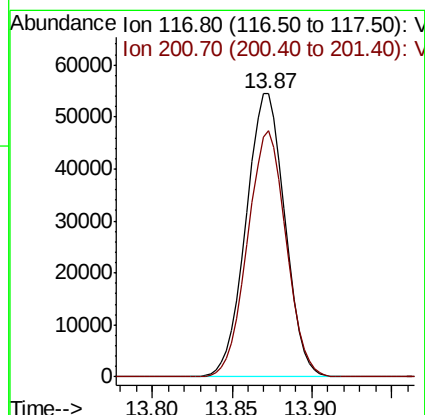
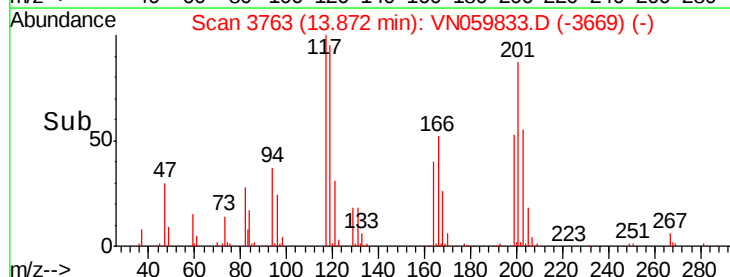
201 86.3 37.8 113.4

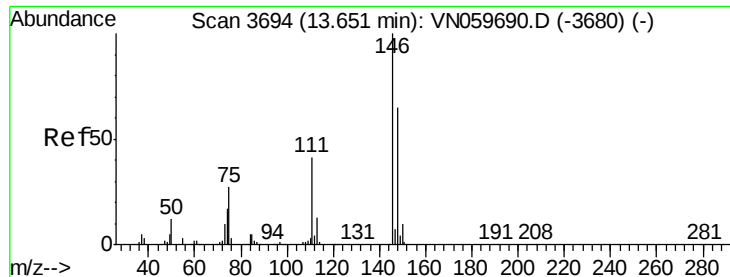


Abundance Ion 116.80 (116.50 to 117.50): VN059833.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059833.D (-3669) (-)

Time-->

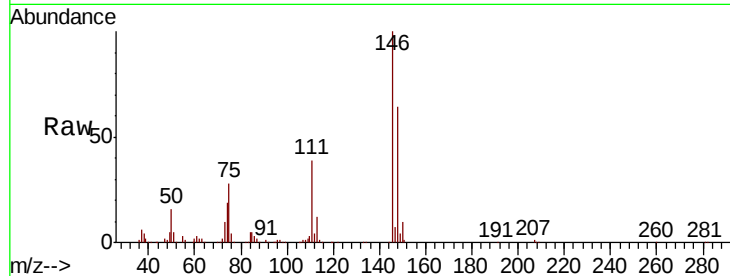




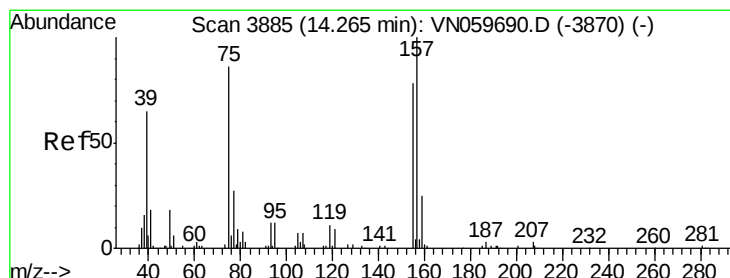
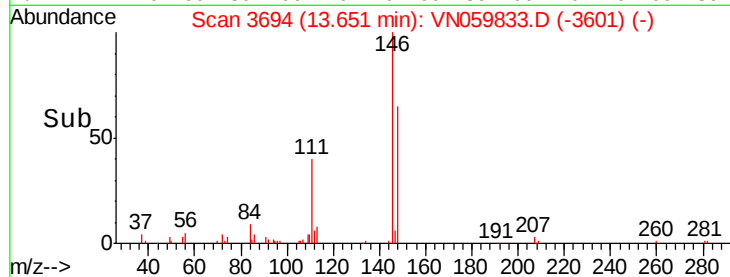
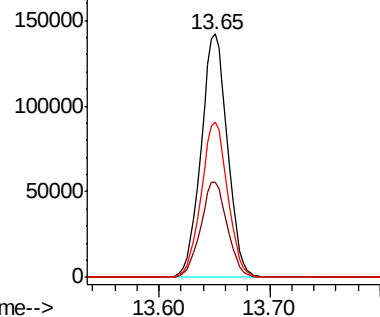
#91
 1,2-Dichlorobenzene
 Concen: 51.713 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.6	64.8
148	64.0	31.6	95.0

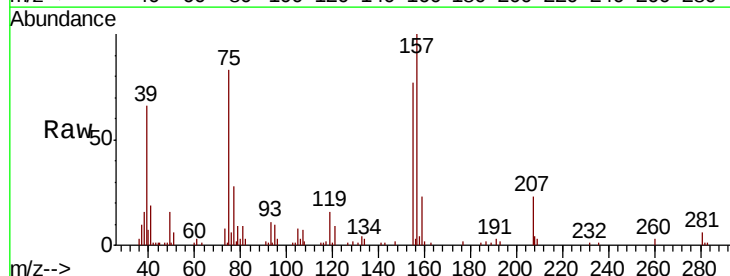


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

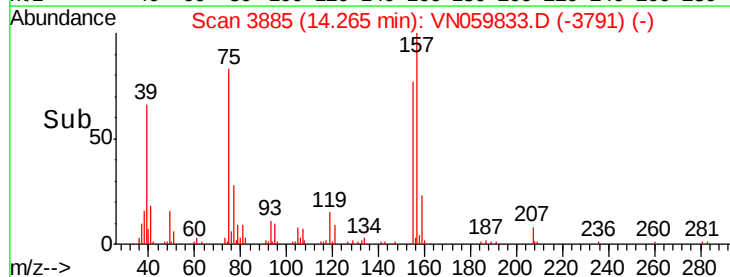
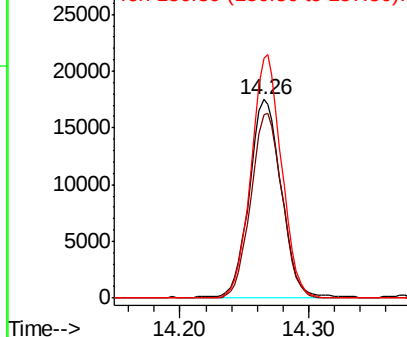


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.880 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	37.0	110.9
157	114.8	48.4	145.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

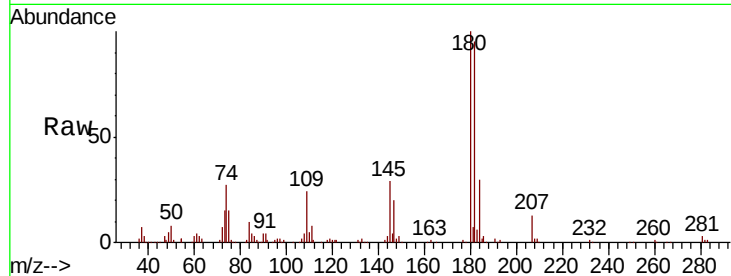




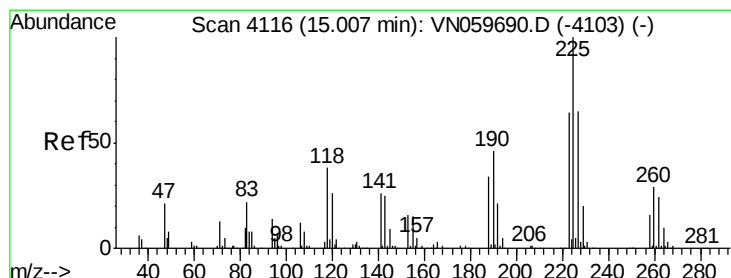
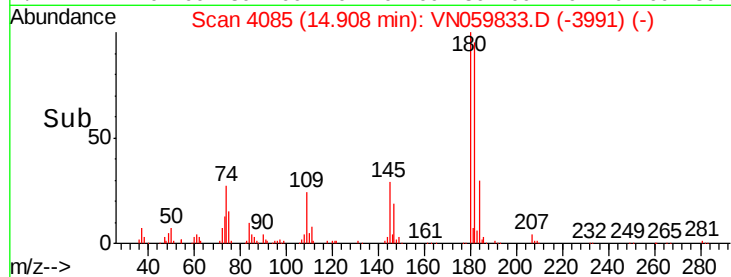
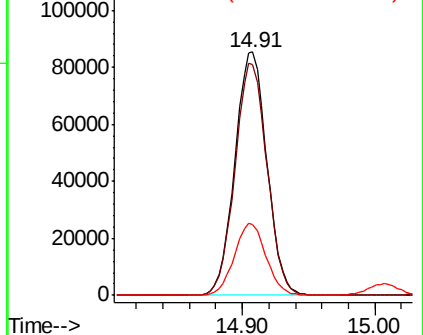
#93
 1,2,4-Trichlorobenzene
 Concen: 52.295 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 143330
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.7
 145 29.4 15.0 45.1

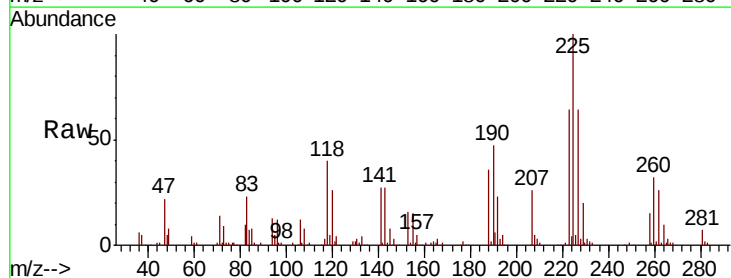


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

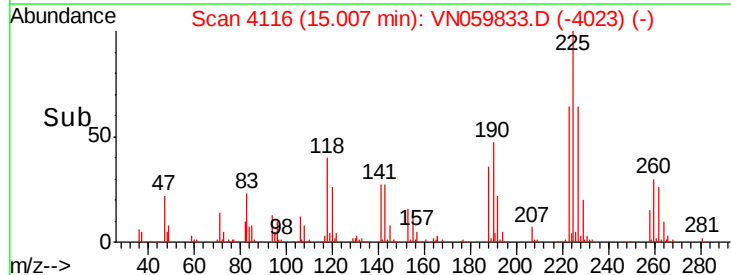
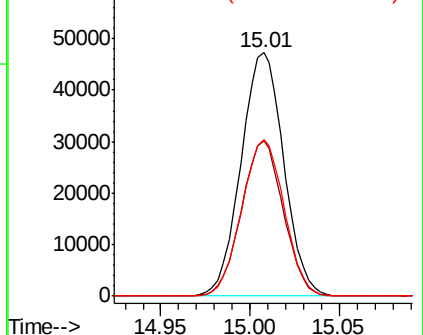


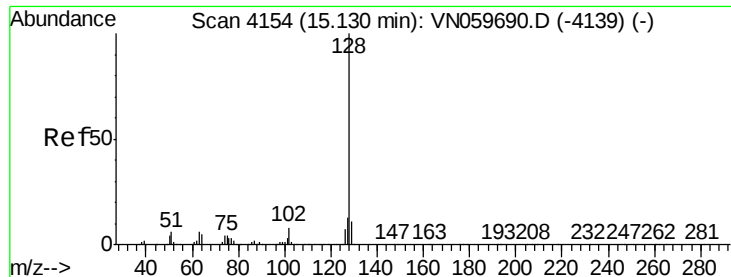
#94
 Hexachlorobutadiene
 Concen: 52.503 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059833.D
 Acq: 24 Jan 2020 9:44

Tgt Ion:225 Resp: 79298
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.8 95.3
 227 63.9 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

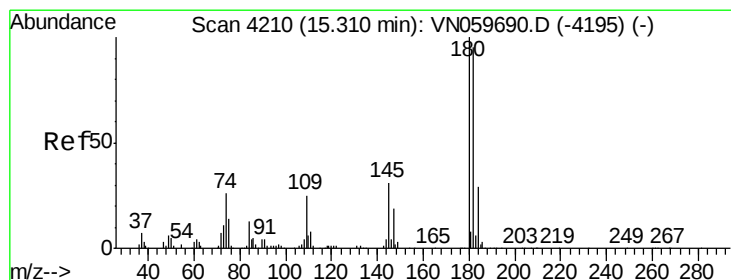
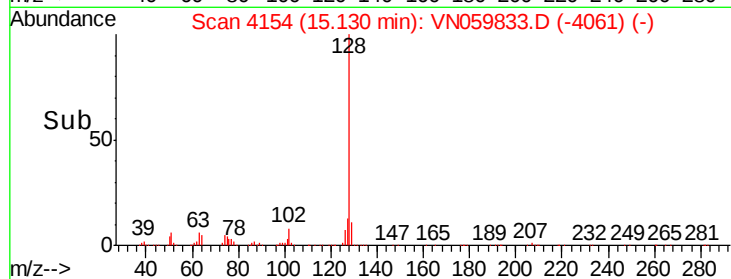
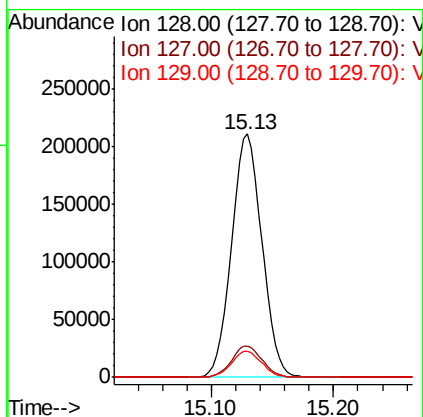
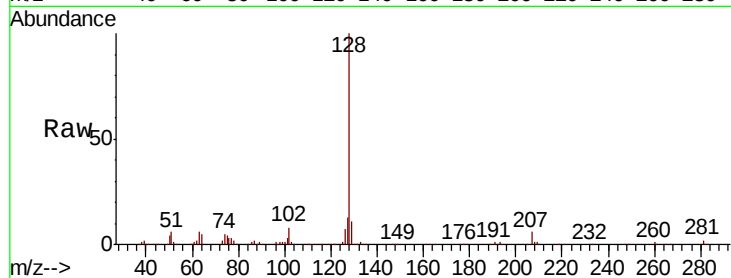




#95
Naphthalene
Concen: 46.874 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 365422
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.218 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059833.D
Acq: 24 Jan 2020 9:44

Tgt Ion:180 Resp: 133971
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.3
145 31.9 16.3 48.9

