

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059837.D
 Acq On : 24 Jan 2020 11:46
 Operator : JC/MD
 Sample : VN0124MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 25 00:25:39 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	200821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	306679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	110444	49.52	ug/l	0.00
Spiked Amount						
			Recovery	=	99.04%	
35) Dibromofluoromethane	7.56	113	93010	50.86	ug/l	0.00
Spiked Amount						
			Recovery	=	101.72%	
50) Toluene-d8	10.08	98	345255	48.72	ug/l	0.00
Spiked Amount						
			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	123144	48.21	ug/l	0.00
Spiked Amount						
			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42551	17.633	ug/l	96
3) Chloromethane	2.04	50	39342	17.112	ug/l	99
4) Vinyl Chloride	2.17	62	50752	19.293	ug/l	98
5) Bromomethane	2.54	94	30750	19.154	ug/l	99
6) Chloroethane	2.69	64	23324	18.741	ug/l	97
7) Trichlorofluoromethane	3.00	101	60054	19.009	ug/l	99
8) Diethyl Ether	3.38	74	21801	19.664	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35625	20.261	ug/l	92
10) Methyl Iodide	3.93	142	53351	18.772	ug/l	94
11) Tert butyl alcohol	4.73	59	35603	94.831	ug/l	100
12) 1,1-Dichloroethene	3.72	96	34473	18.763	ug/l	85
13) Acrolein	3.58	56	20377	76.673	ug/l	93
14) Allyl chloride	4.29	41	46188	18.651	ug/l #	85
15) Acrylonitrile	4.94	53	84107	98.210	ug/l	100
16) Acetone	3.78	43	104114	132.157	ug/l	96
17) Carbon Disulfide	4.03	76	87841	16.783	ug/l	99
18) Methyl Acetate	4.29	43	52295	20.075	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122196	20.399	ug/l	94
20) Methylene Chloride	4.52	84	39805	18.924	ug/l	86
21) trans-1,2-Dichloroethene	5.01	96	36501	18.690	ug/l	89
22) Diisopropyl ether	5.91	45	108199	19.279	ug/l #	93
23) Vinyl Acetate	5.86	43	394461	90.782	ug/l	95
24) 1,1-Dichloroethane	5.82	63	64875	18.919	ug/l	97
25) 2-Butanone	6.80	43	123907	98.111	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	63347	19.215	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	43479	19.356	ug/l	88
28) Bromochloromethane	7.17	49	24274	17.711	ug/l #	70
29) Tetrahydrofuran	7.18	42	71766	91.843	ug/l #	87
30) Chloroform	7.35	83	70221	19.764	ug/l	97
31) Cyclohexane	7.63	56	57165	17.324	ug/l	87
32) 1,1,1-Trichloroethane	7.55	97	63597	19.359	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50567	18.934	ug/l	96
37) Ethyl Acetate	6.90	43	47464	18.949	ug/l	98
38) Carbon Tetrachloride	7.75	117	56659	19.503	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59448	18.053	ug/l	92
40) Benzene	8.02	78	153576	19.282	ug/l	99
41) Methacrylonitrile	7.18	41	67023	54.323	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55362	20.500	ug/l	96
43) Isopropyl Acetate	8.14	43	79669	18.491	ug/l #	93
44) Trichloroethene	8.82	130	44569	20.498	ug/l	94
45) 1,2-Dichloropropane	9.10	63	39379	19.980	ug/l	99
46) Dibromomethane	9.19	93	28536	20.525	ug/l	89
47) Bromodichloromethane	9.38	83	56112	20.028	ug/l	99
48) Methyl methacrylate	9.18	41	34223	17.758	ug/l	87
49) 1,4-Dioxane	9.18	88	14889	422.031	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	232931	93.525	ug/l	94
52) Toluene	10.14	92	98722	19.623	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	61810	19.758	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	66287	20.138	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	40009	20.079	ug/l	98
56) Ethyl methacrylate	10.42	69	56579	18.583	ug/l	93
57) 1,3-Dichloropropane	10.70	76	64149	20.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95244	103.858	ug/l	90
59) 2-Hexanone	10.74	43	176127	95.991	ug/l	91
60) Dibromochloromethane	10.89	129	47057	20.739	ug/l	100
61) 1,2-Dibromoethane	10.99	107	41761	19.996	ug/l	99
64) Tetrachloroethene	10.62	164	53183	23.682	ug/l	95
65) Chlorobenzene	11.43	112	108319	20.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43089	20.590	ug/l	98
67) Ethyl Benzene	11.50	91	191357	19.464	ug/l	97
68) m/p-Xylenes	11.61	106	146359	39.410	ug/l	92
69) o-Xylene	11.94	106	70787	19.469	ug/l	96
70) Styrene	11.96	104	113306	18.624	ug/l	96
71) Bromoform	12.12	173	33171	19.789	ug/l #	97
73) Isopropylbenzene	12.25	105	188310	19.889	ug/l	99
74) N-amyl acetate	12.07	43	65187	17.743	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	53809	19.604	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	72866	33.538	ug/l #	100
77) Bromobenzene	12.52	156	48602	20.270	ug/l	82
78) n-propylbenzene	12.59	91	207558	19.531	ug/l	96
79) 2-Chlorotoluene	12.67	91	124513	19.695	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158182	19.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18995	18.775	ug/l	95
82) 4-Chlorotoluene	12.77	91	125301	19.760	ug/l	95
83) tert-Butylbenzene	12.99	119	138851	20.162	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	158242	20.087	ug/l	99
85) sec-Butylbenzene	13.17	105	177900	19.661	ug/l	99
86) p-Isopropyltoluene	13.28	119	164161	19.608	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84856	20.374	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	84064	20.232	ug/l	97
89) n-Butylbenzene	13.61	91	135027	18.915	ug/l	98
90) Hexachloroethane	13.87	117	30250	19.311	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	83817	20.356	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11951	18.990	ug/l	88

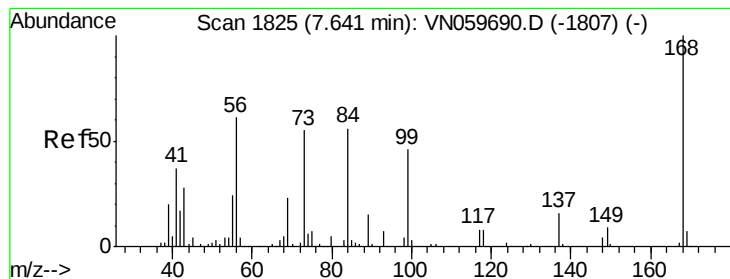
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48405	19.564	ug/l	100
94) Hexachlorobutadiene	15.01	225	26704	19.586	ug/l	99
95) Naphthalene	15.13	128	127128	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47665	19.792	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

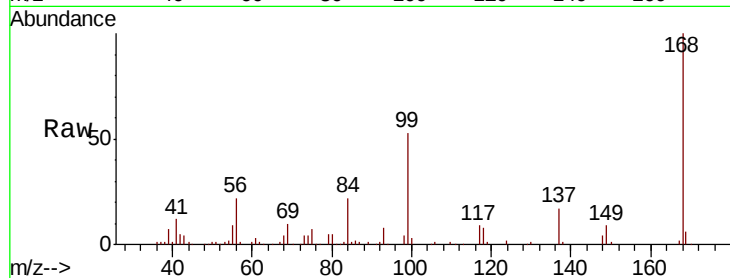
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 200821

Ion Ratio Lower Upper

168 100

99 52.9 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

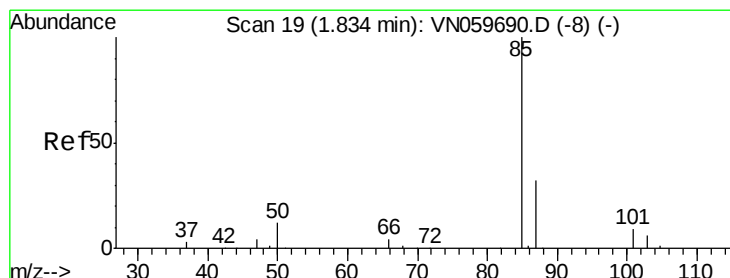
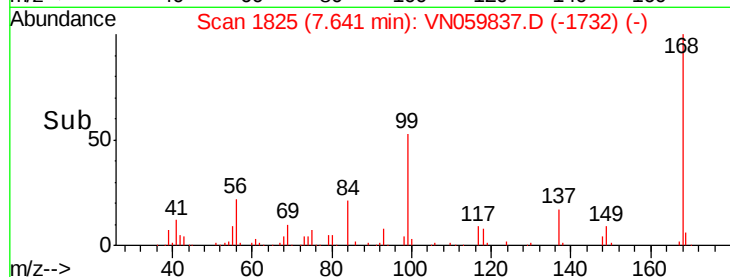
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.633 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059837.D

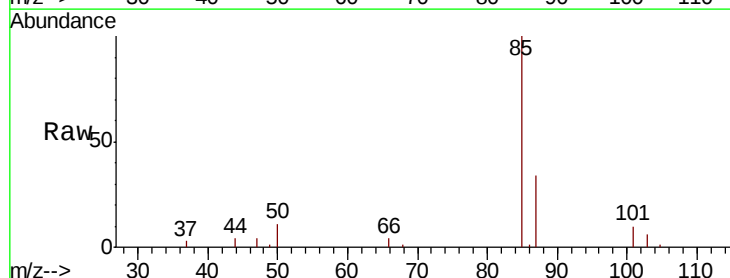
Acq: 24 Jan 2020 11:46

Tgt Ion: 85 Resp: 42551

Ion Ratio Lower Upper

85 100

87 33.8 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

30000

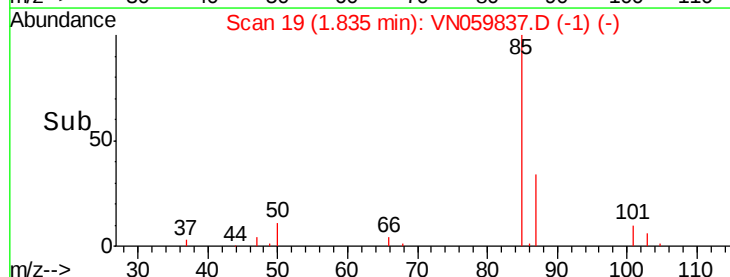
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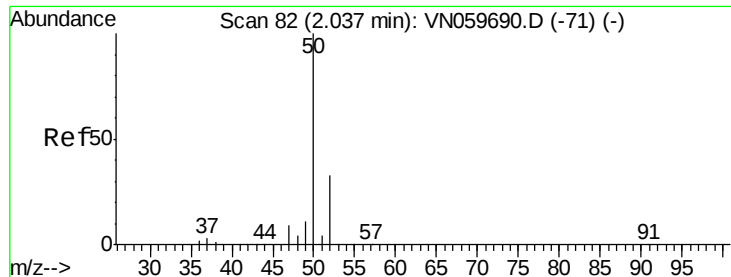
10000

0

1.80 1.85 1.90

Time-->

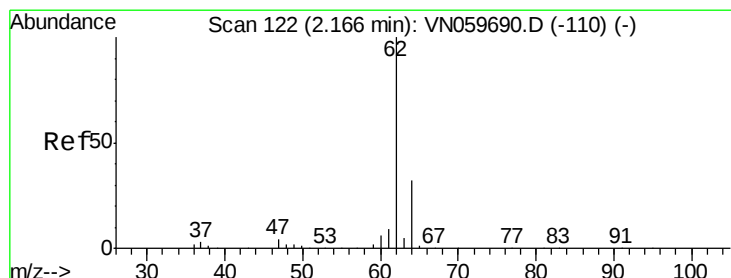
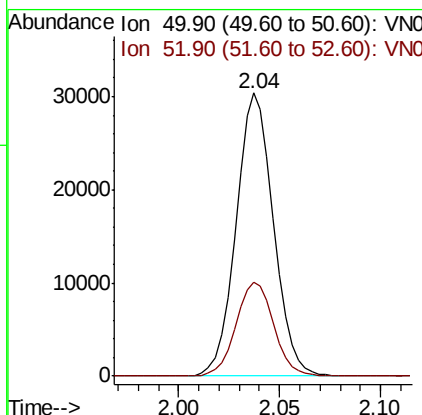
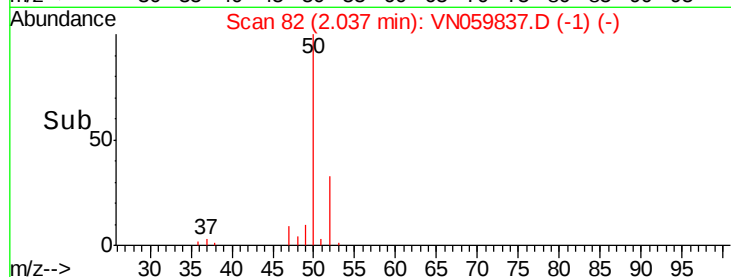
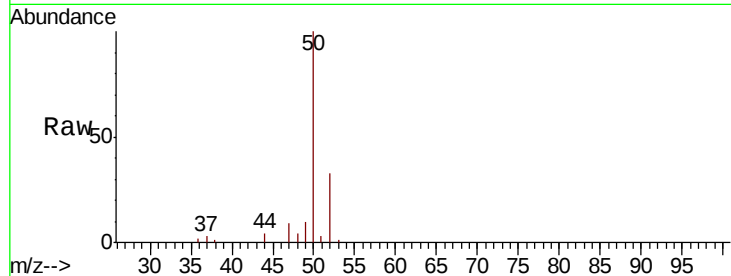




#3
Chloromethane
Concen: 17.112 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

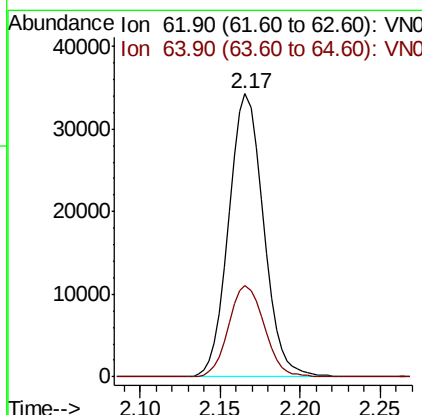
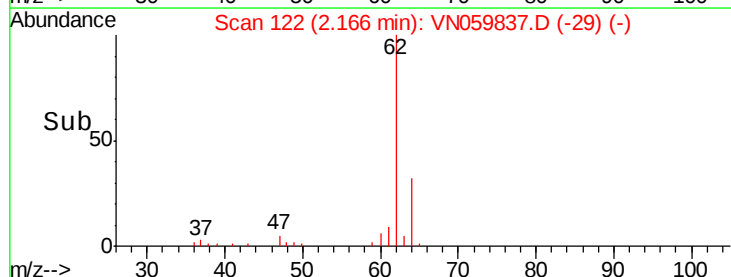
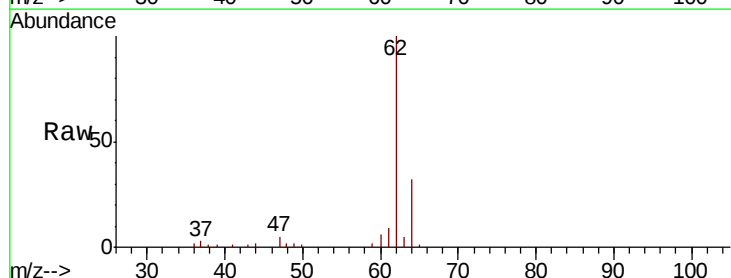
Instrument :
MSVOA_N
ClientSampleId :

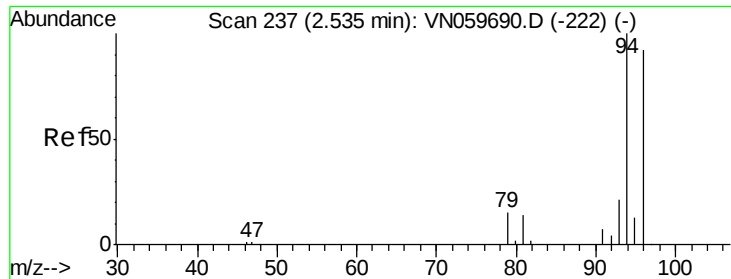
Tot Ion: 50 Resp: 39342
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 19.293 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 62 Resp: 50752
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0

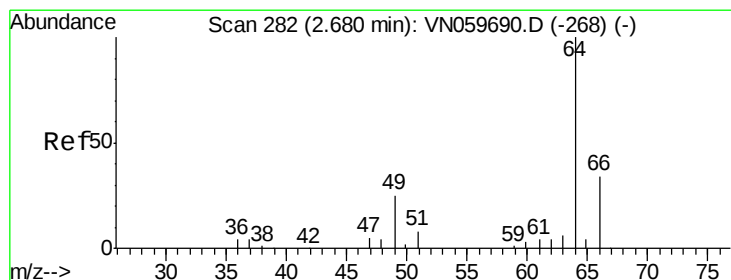
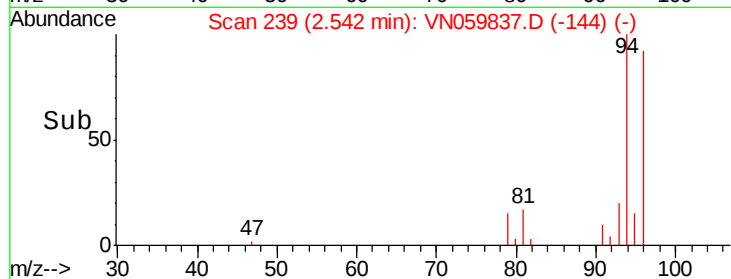
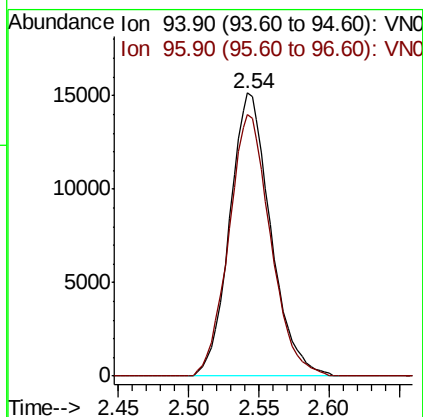
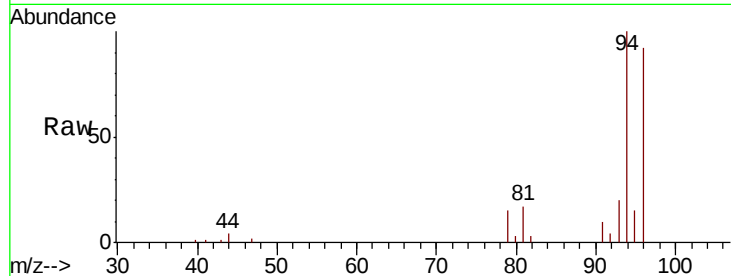




#5
Bromomethane
Concen: 19.154 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

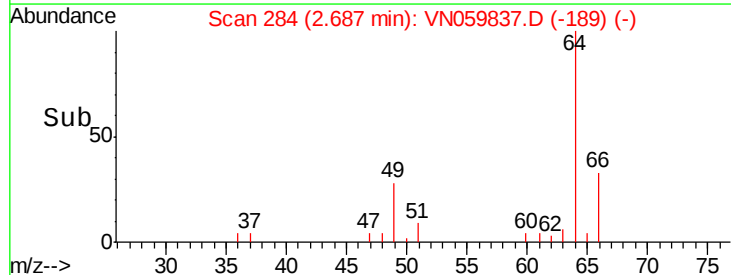
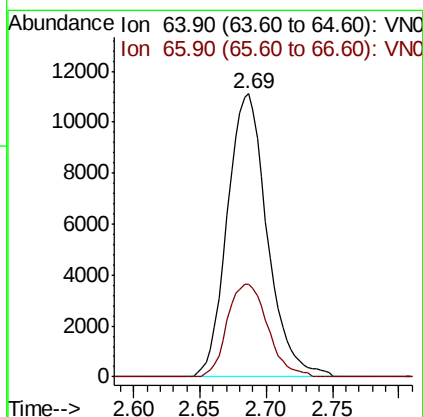
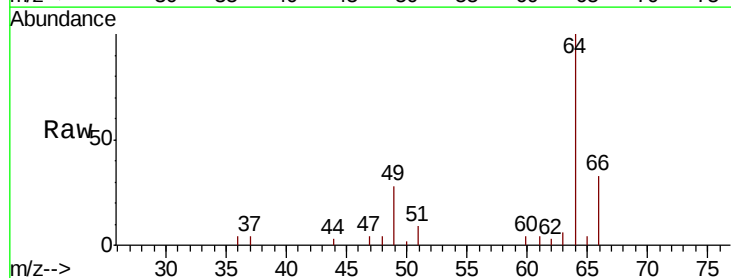
Instrument :
MSVOA_N
ClientSampleId :

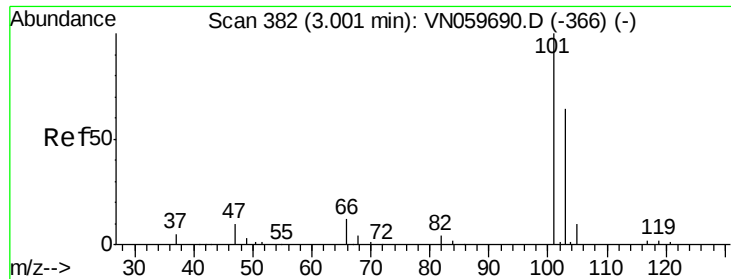
Tot Ion: 94 Resp: 30750
Ion Ratio Lower Upper
94 100
96 92.3 74.7 112.1



#6
Chloroethane
Concen: 18.741 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 64 Resp: 23324
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7



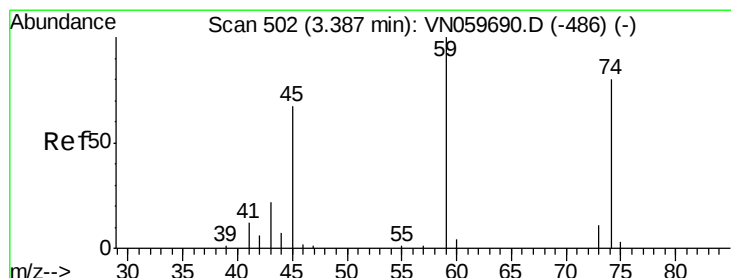
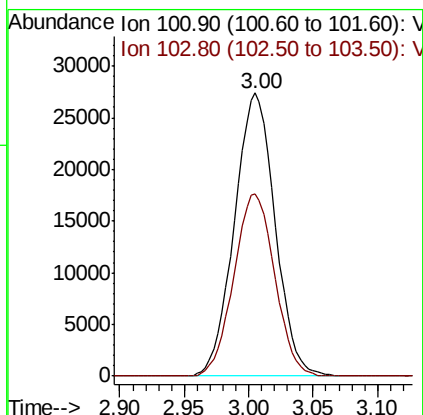
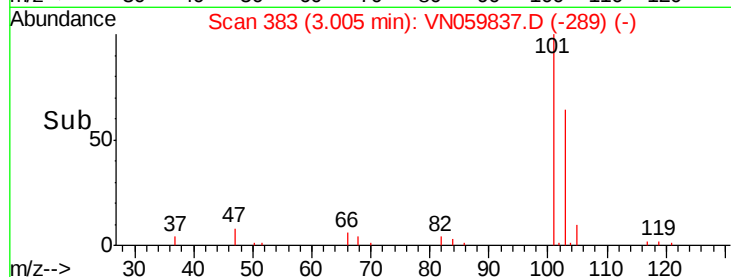
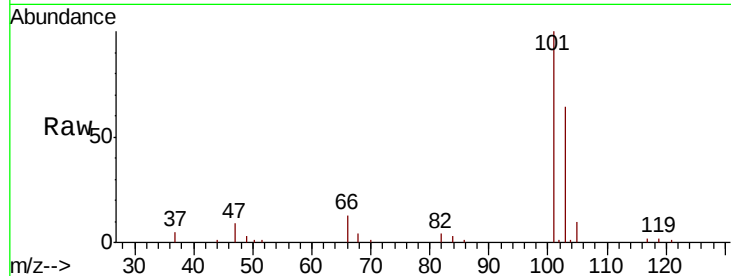


#7

Trichlorofluoromethane
 Concen: 19.009 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampled :

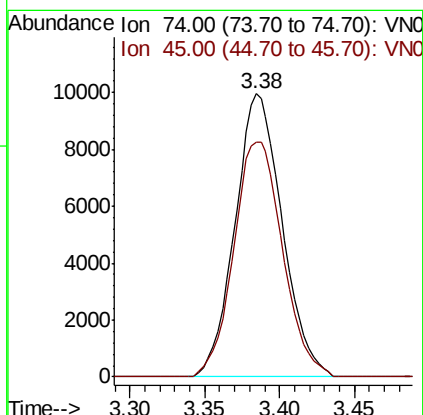
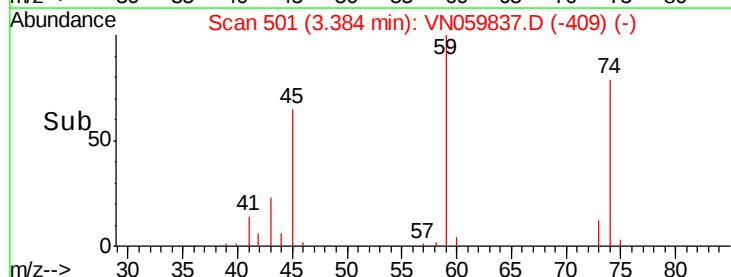
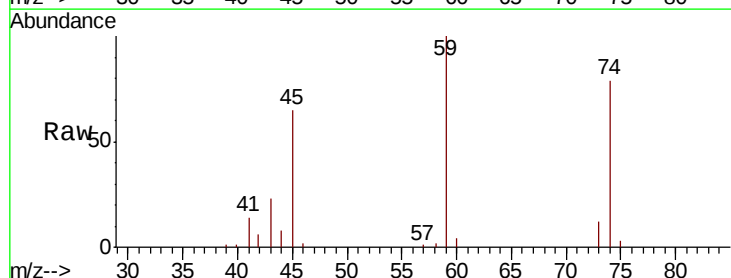
Tot Ion:101 Resp: 60054
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

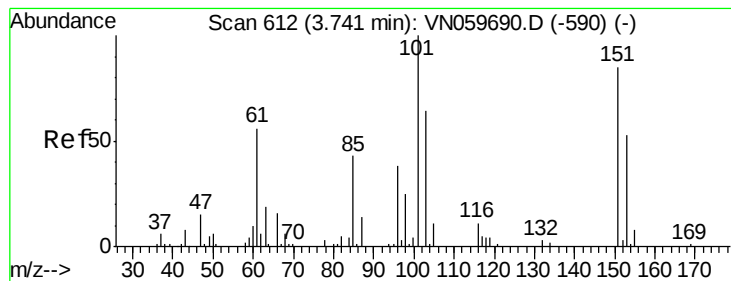


#8

Diethyl Ether
 Concen: 19.664 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 74 Resp: 21801
 Ion Ratio Lower Upper
 74 100
 45 86.1 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.261 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

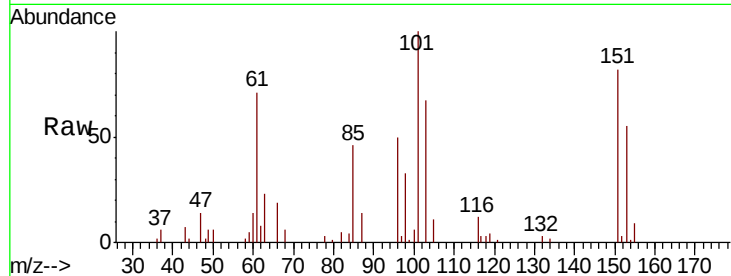
Tot Ion:101 Resp: 35625

Ion Ratio Lower Upper

101 100

85 44.4 36.6 54.8

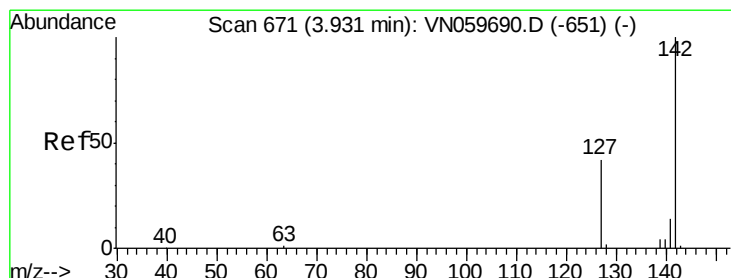
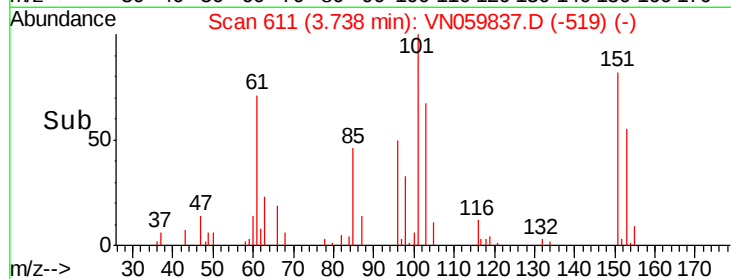
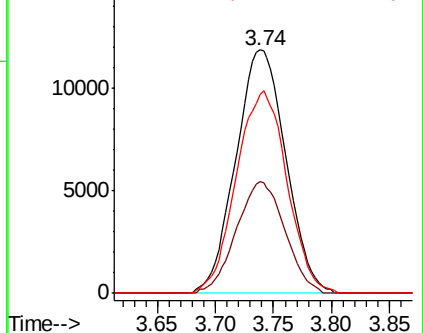
151 84.1 59.7 89.5



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: 18.772 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

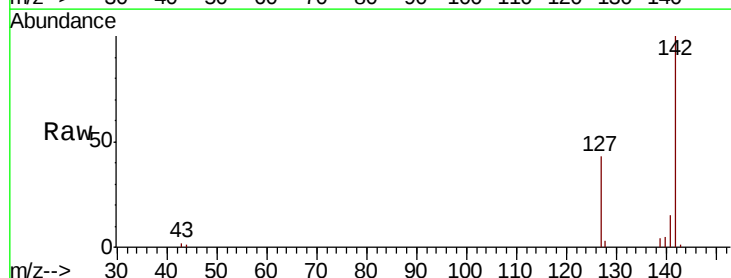
Tgt Ion:142 Resp: 53351

Ion Ratio Lower Upper

142 100

127 41.7 36.7 55.1

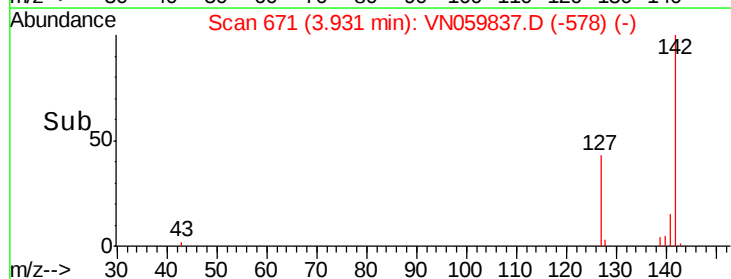
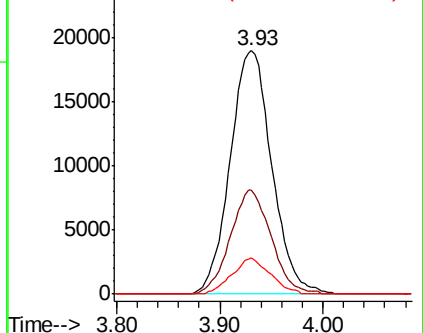
141 13.5 11.7 17.5

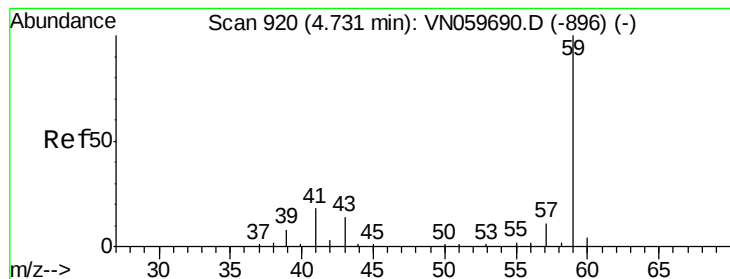


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.831 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

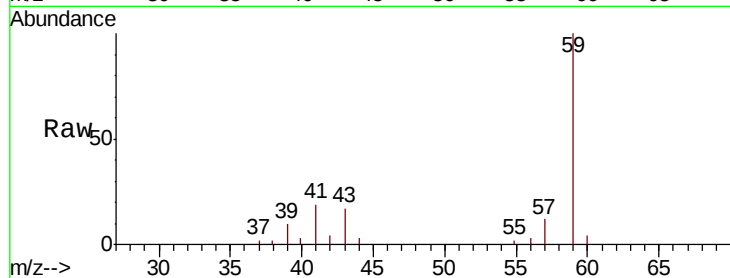
ClientSampled :

Tot Ion: 59 Resp: 35603

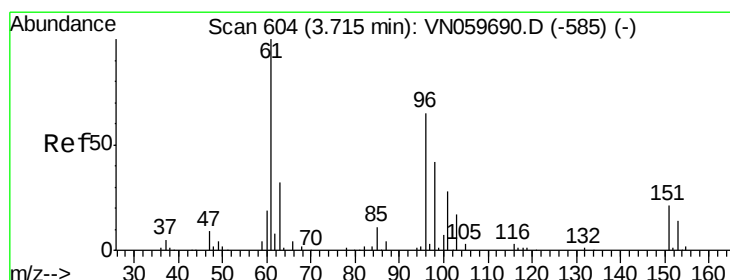
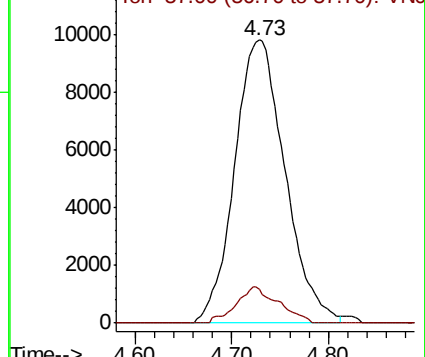
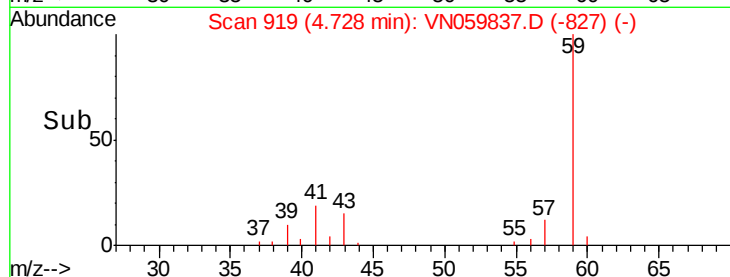
Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN059837.D (-827) (-)



#12

1,1-Dichloroethene

Concen: 18.763 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

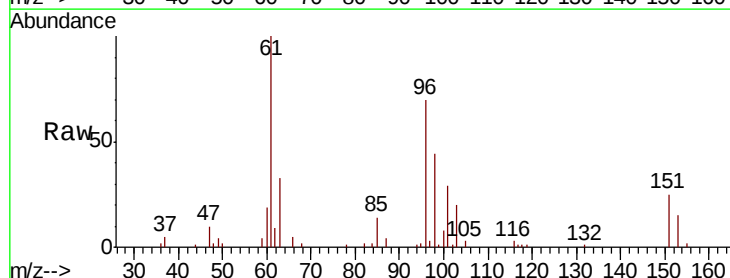
Tgt Ion: 96 Resp: 34473

Ion Ratio Lower Upper

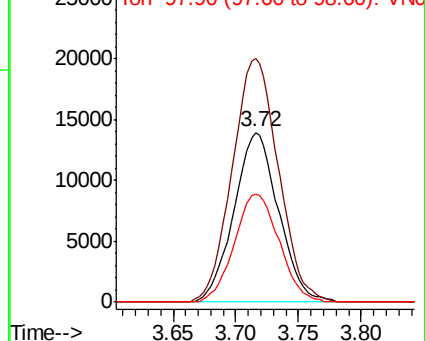
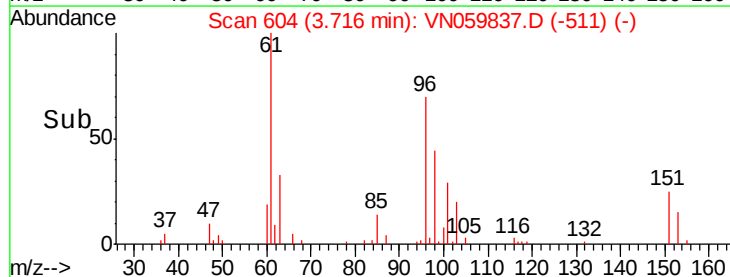
96 100

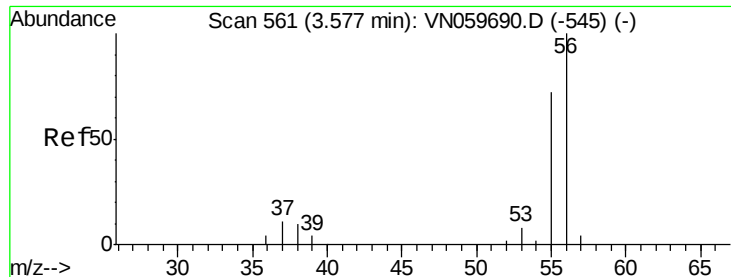
61 143.3 137.5 206.3

98 63.4 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN059837.D (-511) (-)

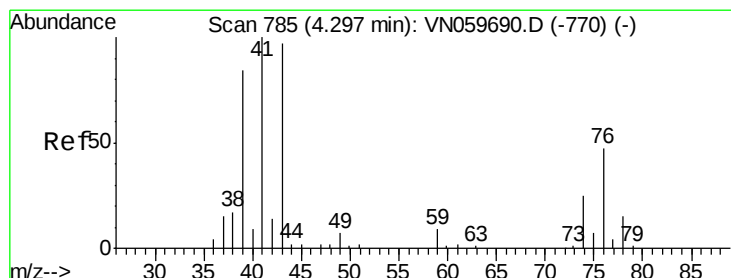
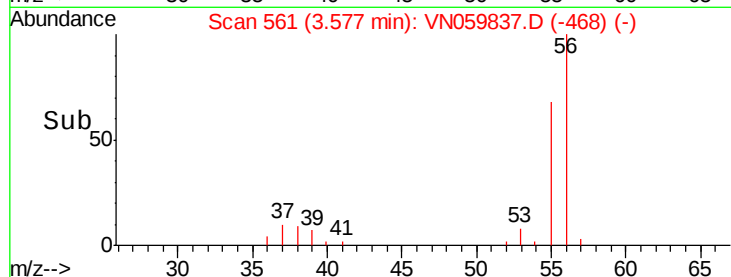
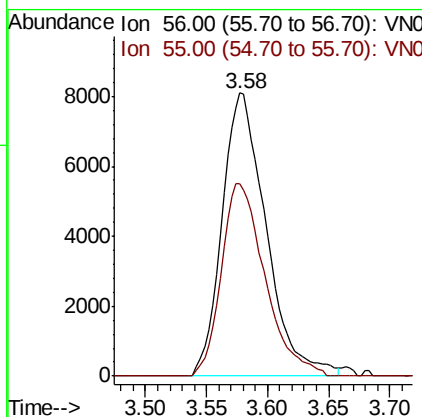
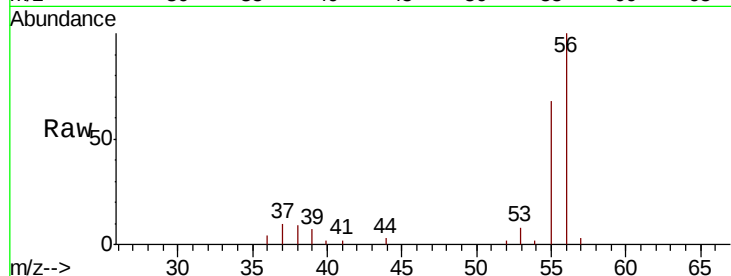




#13
Acrolein
Concen: 76.673 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

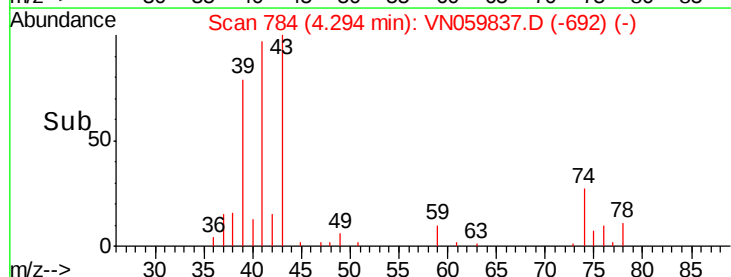
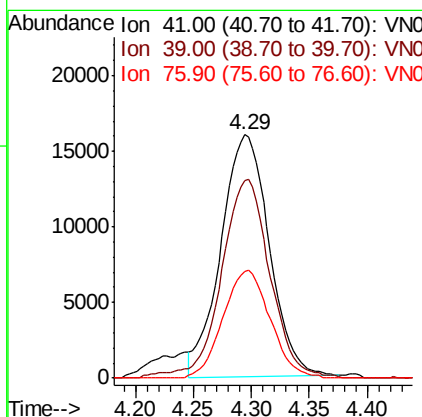
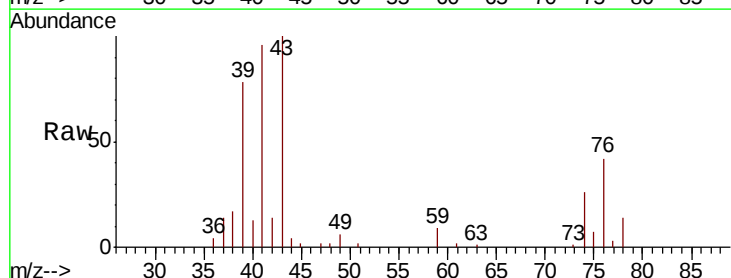
Instrument :
MSVOA_N
ClientSampleId :

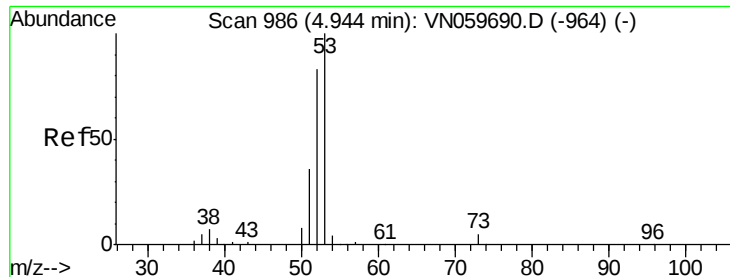
Tot Ion: 56 Resp: 20377
Ion Ratio Lower Upper
56 100
55 67.3 58.6 88.0



#14
Allyl chloride
Concen: 18.651 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 41 Resp: 46188
Ion Ratio Lower Upper
41 100
39 82.1 57.8 86.8
76 43.6 25.4 38.0#





#15

Acrylonitrile

Concen: 98.210 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

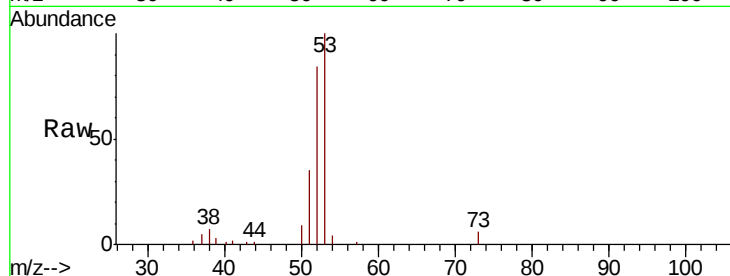
Tot Ion: 53 Resp: 84107

Ion Ratio Lower Upper

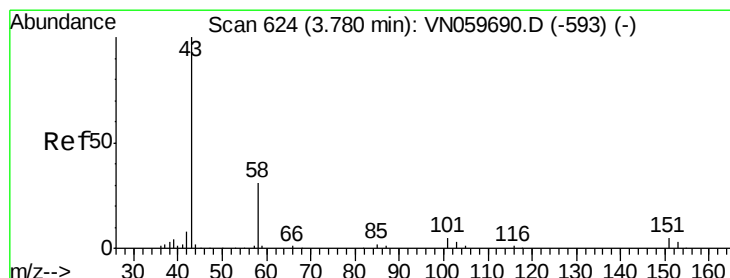
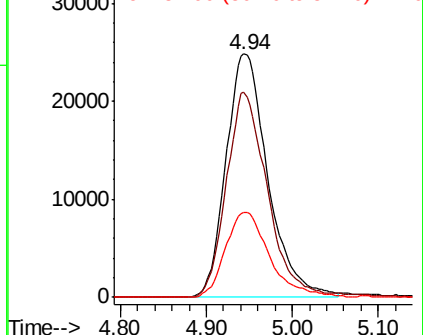
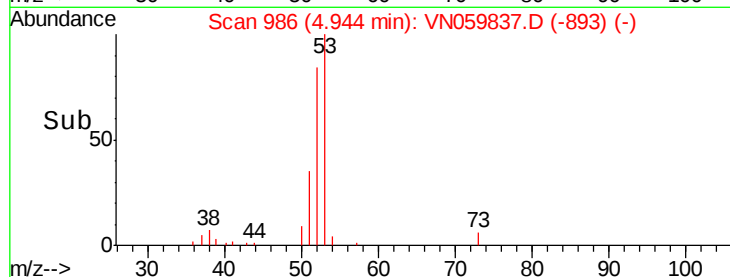
53 100

52 82.7 66.3 99.5

51 36.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059837.D (-893) (-)



#16

Acetone

Concen: 132.157 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059837.D

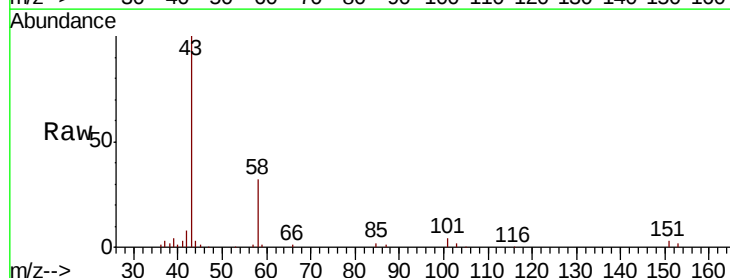
Acq: 24 Jan 2020 11:46

Tgt Ion: 43 Resp: 104114

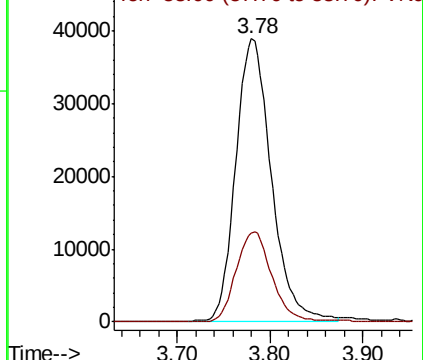
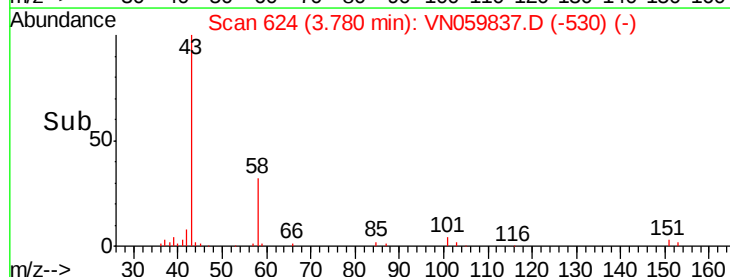
Ion Ratio Lower Upper

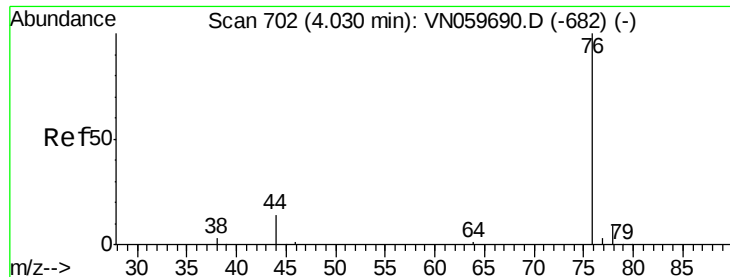
43 100

58 31.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059837.D (-530) (-)

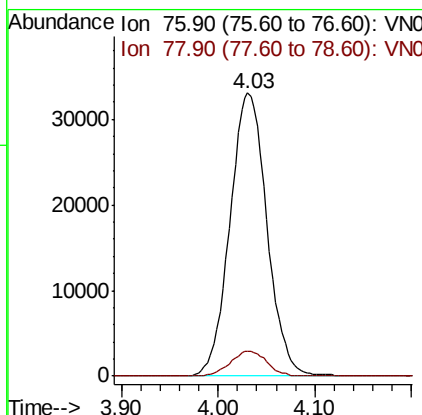
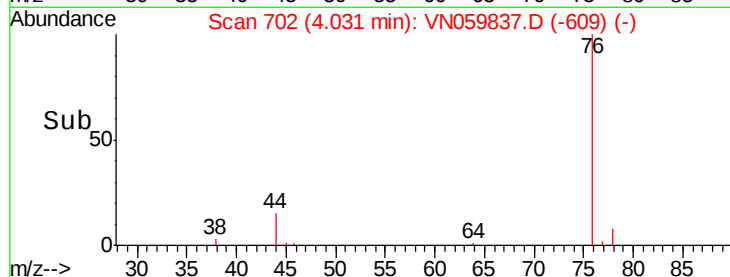
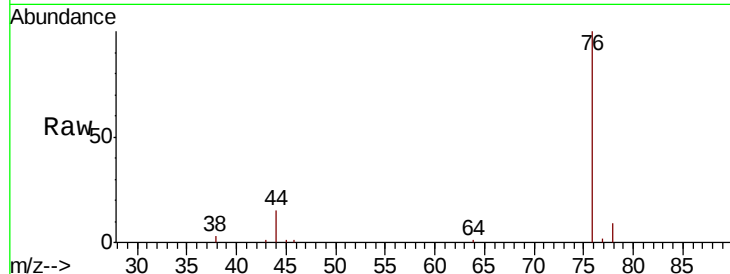




#17
Carbon Disulfide
Concen: 16.783 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

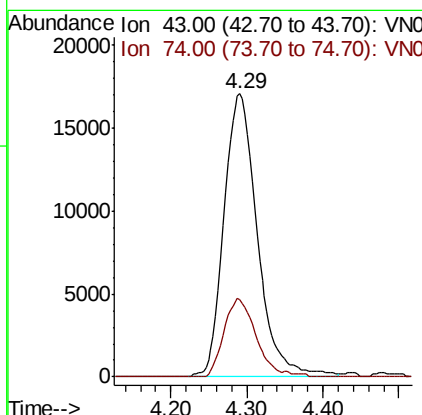
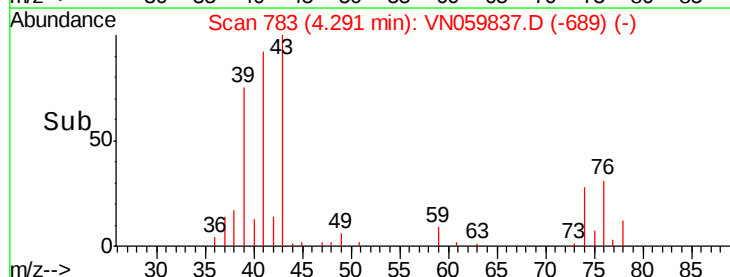
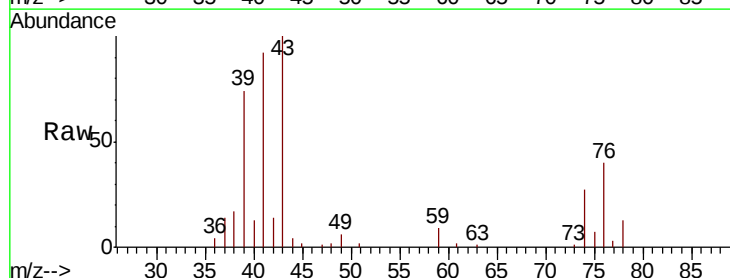
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 87841
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.075 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 43 Resp: 52295
Ion Ratio Lower Upper
43 100
74 26.4 17.5 26.3#

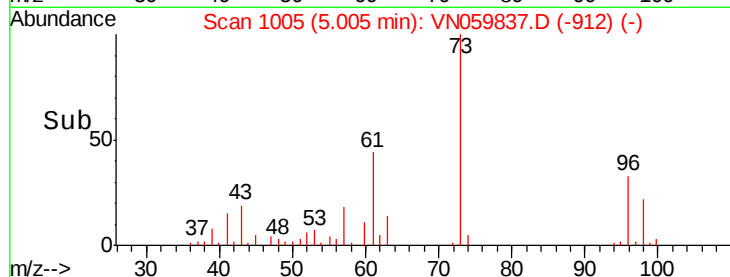
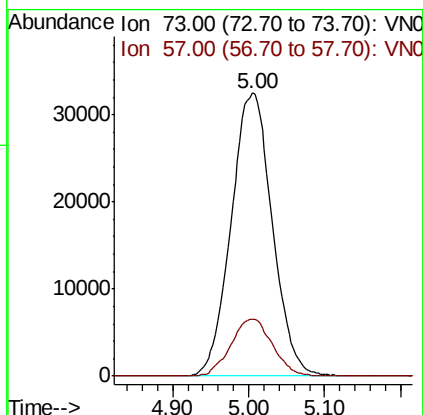
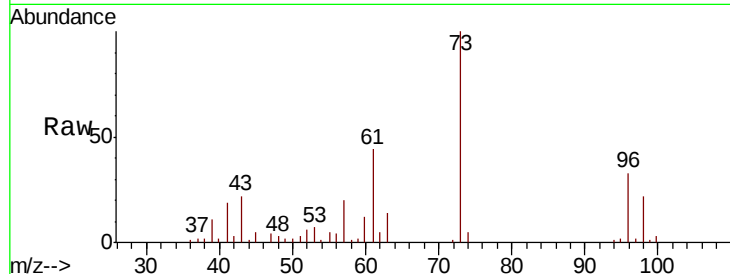




#19
Methvl tert-butvl Ether
Concen: 20.399 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

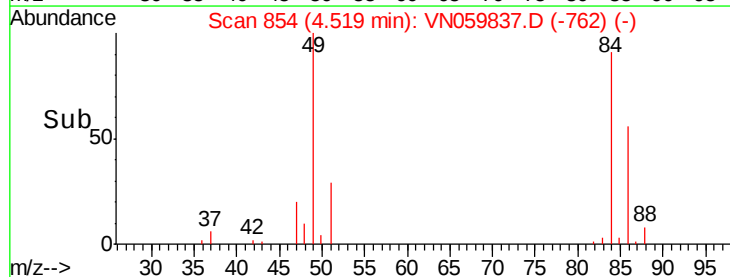
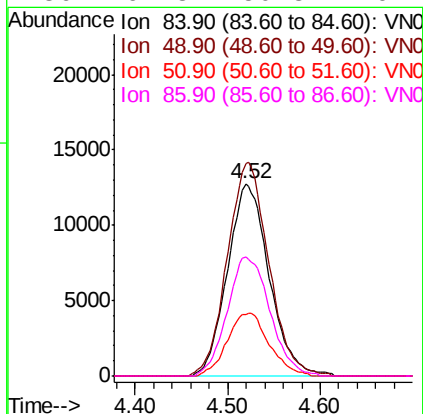
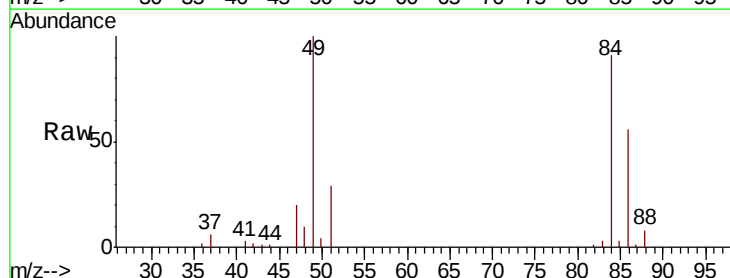
Instrument :
MSVOA_N
ClientSampleId :

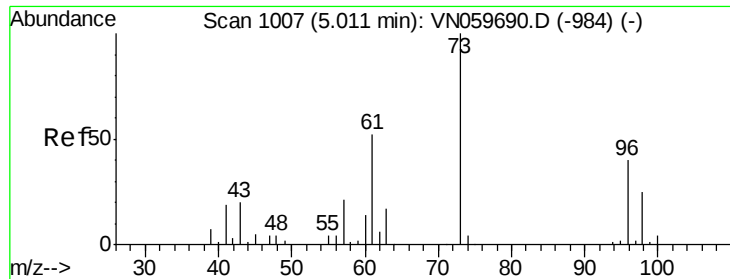
Tot Ion: 73 Resp: 122196
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8



#20
Methylene Chloride
Concen: 18.924 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 84 Resp: 39805
Ion Ratio Lower Upper
84 100
49 110.4 106.6 160.0
51 32.1 31.9 47.9
86 61.8 50.8 76.2

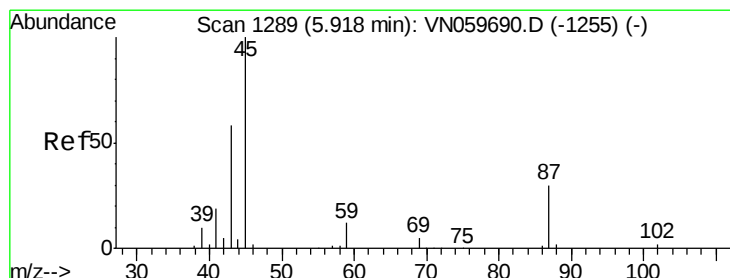
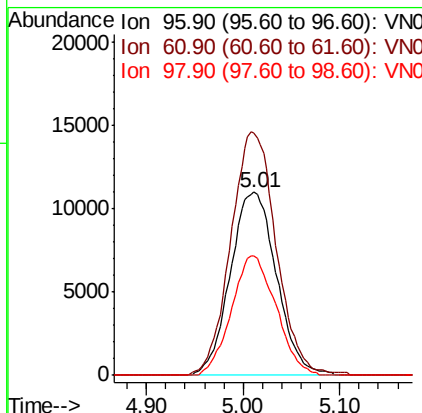
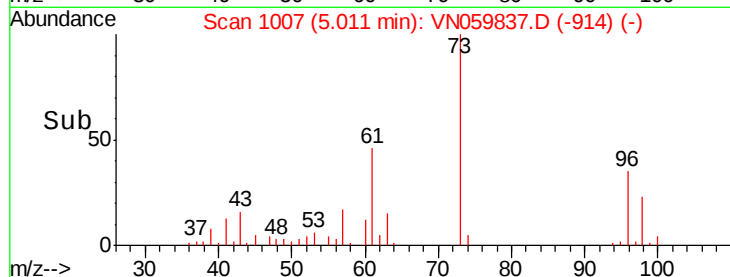
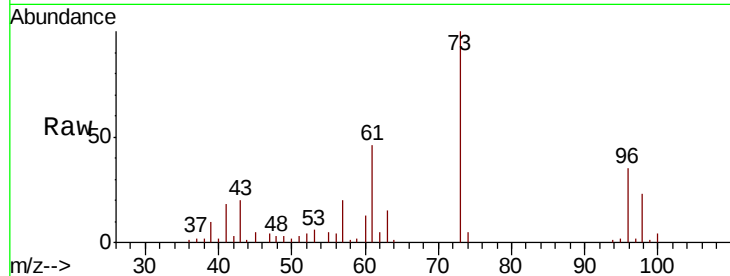




#21
trans-1,2-Dichloroethene
Concen: 18.690 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

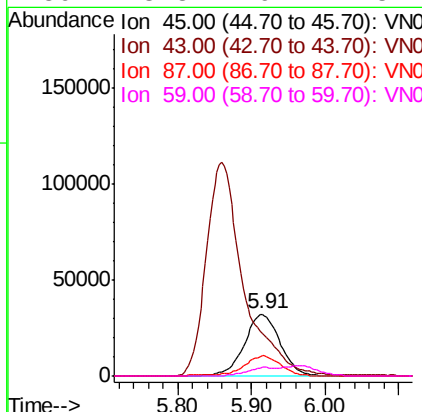
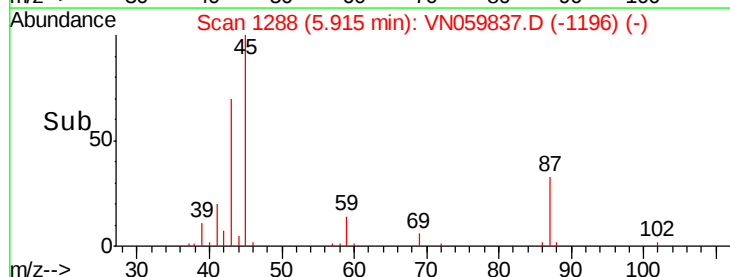
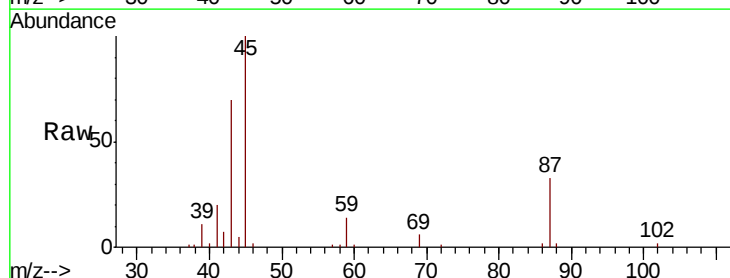
Instrument :
MSVOA_N
ClientSampled :

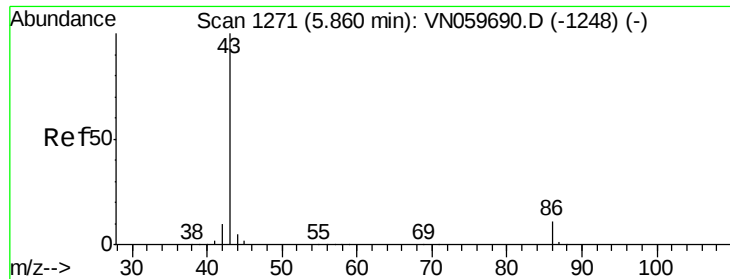
Tot Ion: 96 Resp: 36501
Ion Ratio Lower Upper
96 100
61 132.8 120.4 180.6
98 65.3 50.6 75.8



#22
Diisopropyl ether
Concen: 19.279 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 45 Resp: 108199
Ion Ratio Lower Upper
45 100
43 67.5 50.8 76.2
87 32.7 21.0 31.6#
59 13.8 9.1 13.7#

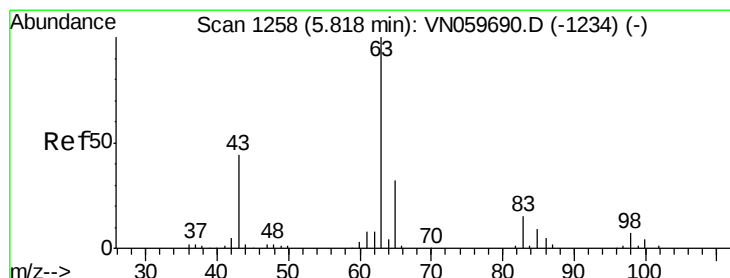
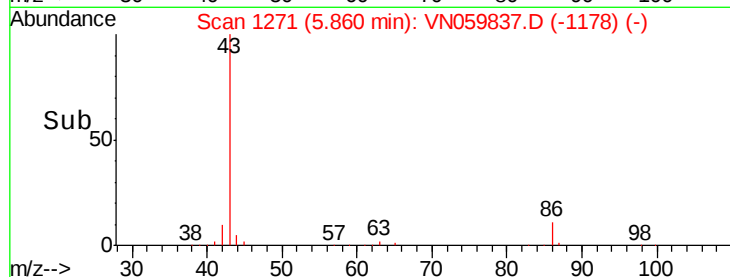
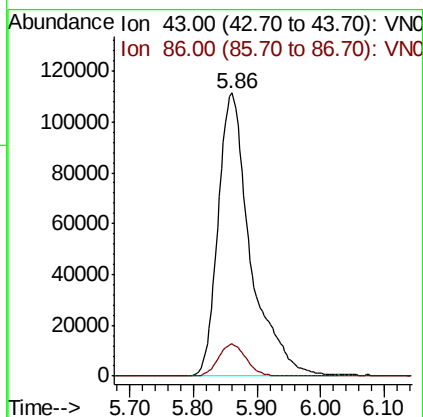
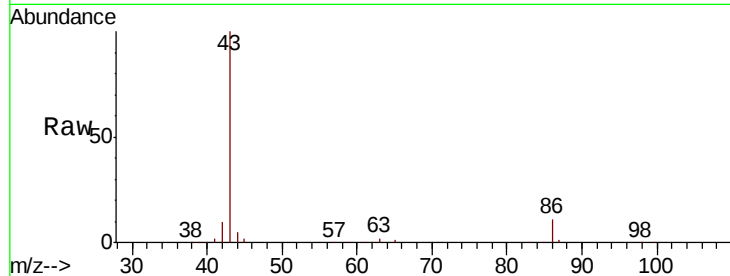




#23
 Vinyl Acetate
 Concen: 90.782 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

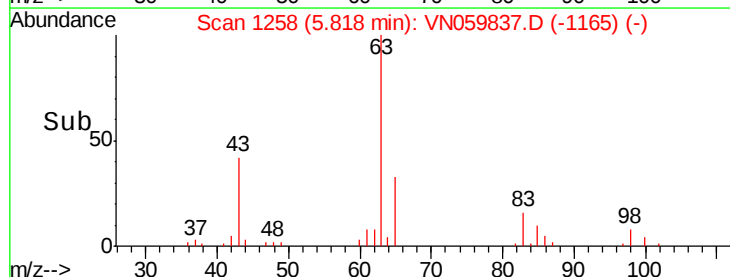
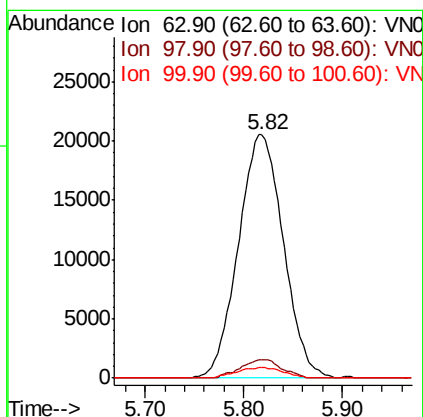
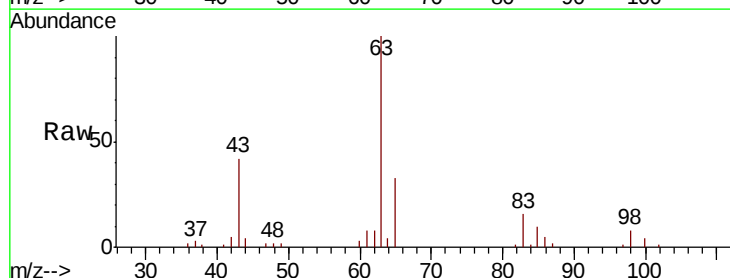
Instrument :
 MSVOA_N
 ClientSampled :

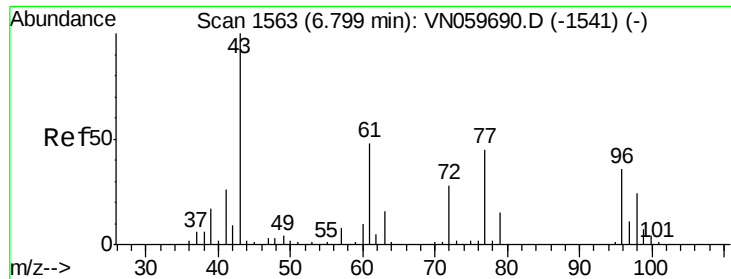
Tot Ion: 43 Resp: 394461
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 18.919 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 63 Resp: 64875
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.7
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 98.111 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

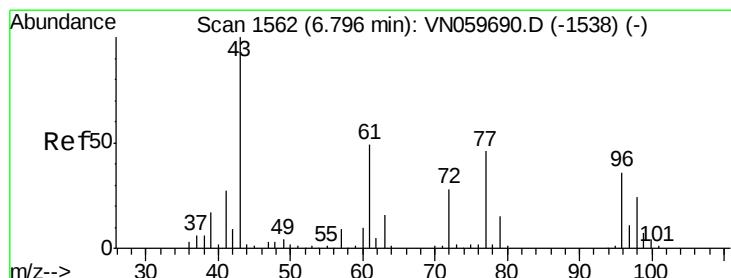
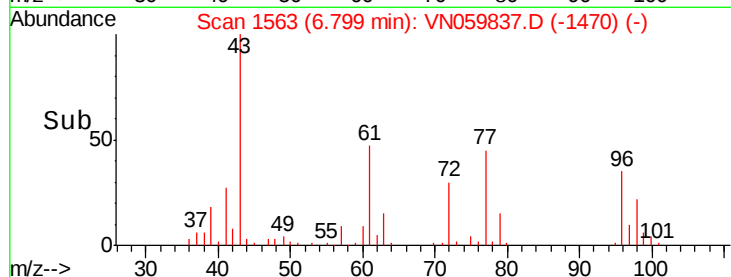
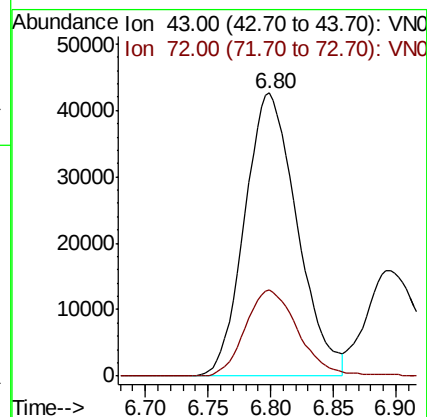
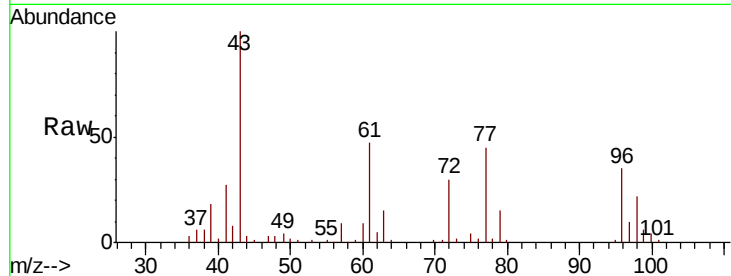
ClientSampled :

Tot Ion: 43 Resp: 123907

Ion Ratio Lower Upper

43 100

72 30.3 19.9 29.9#



#26

2,2-Dichloropropane

Concen: 19.215 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059837.D

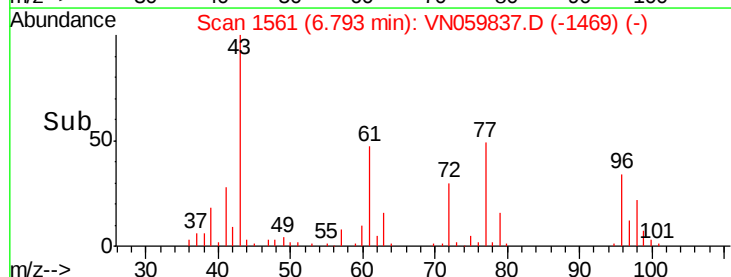
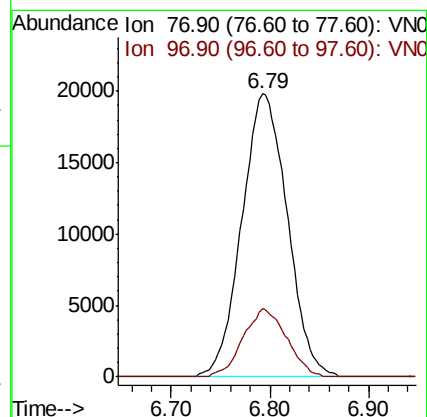
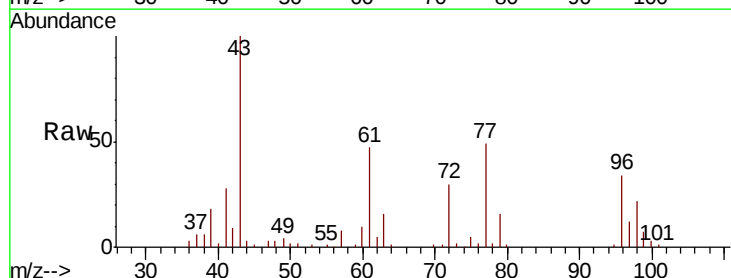
Acq: 24 Jan 2020 11:46

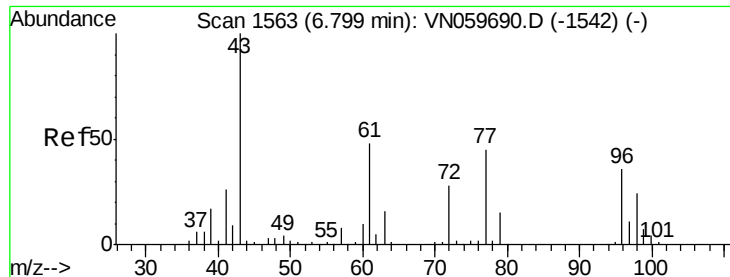
Tgt Ion: 77 Resp: 63347

Ion Ratio Lower Upper

77 100

97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.356 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

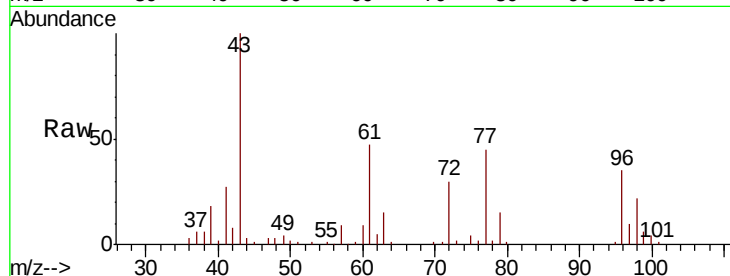
Tot Ion: 96 Resp: 43479

Ion Ratio Lower Upper

96 100

61 138.1 0.0 317.6

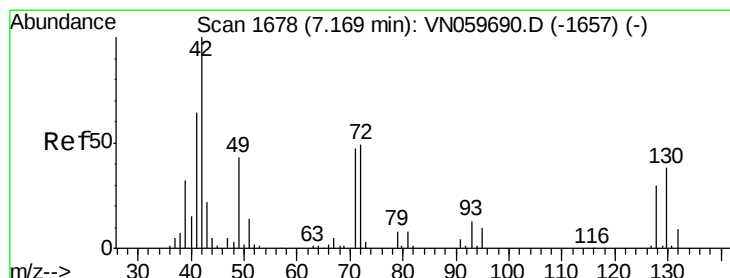
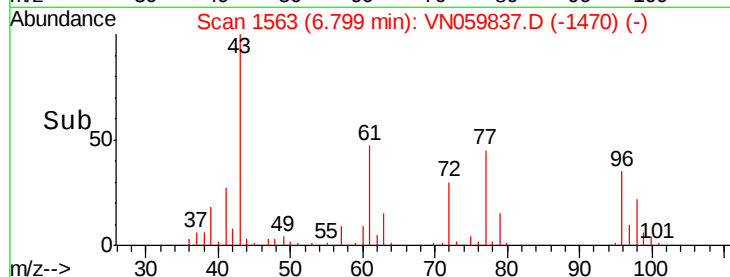
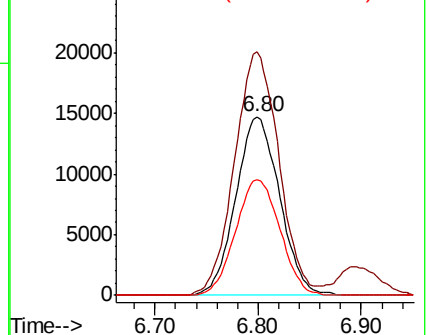
98 65.7 0.0 127.0



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: 17.711 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

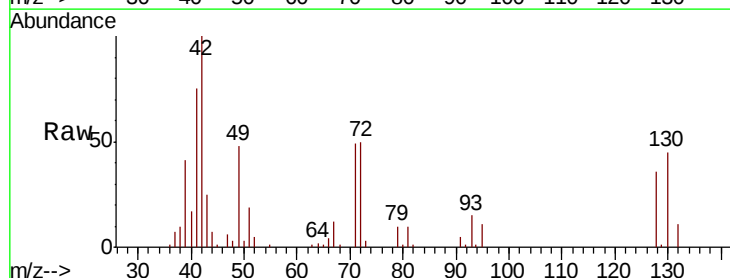
Tgt Ion: 49 Resp: 24274

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.4

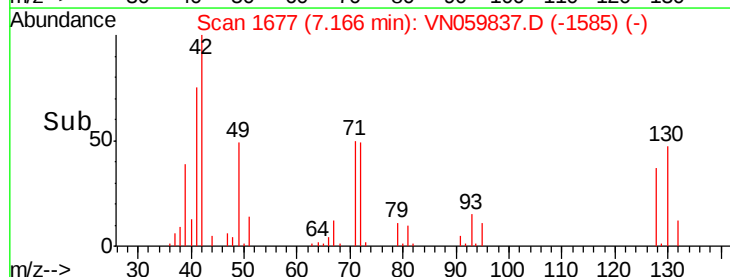
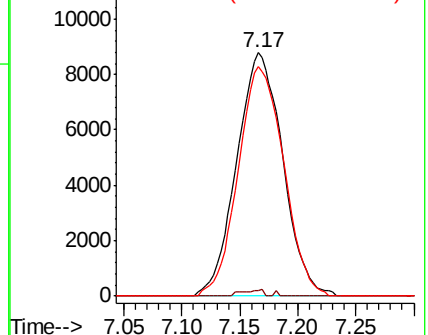
130 93.0 54.7 82.1#

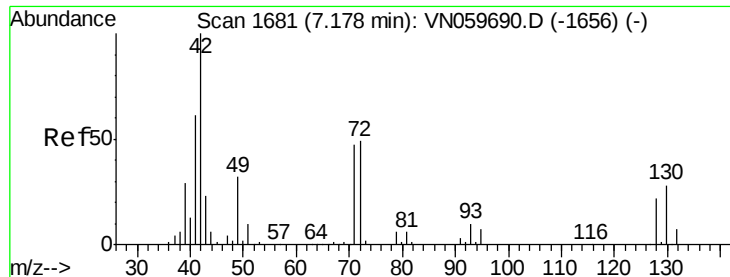


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

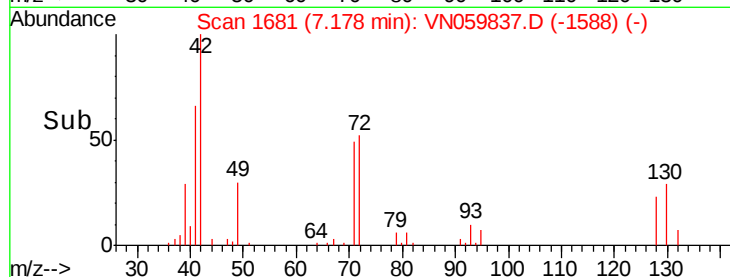
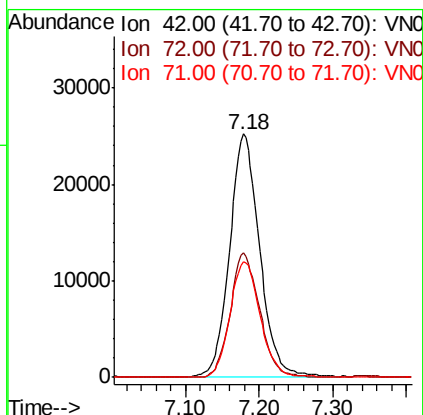
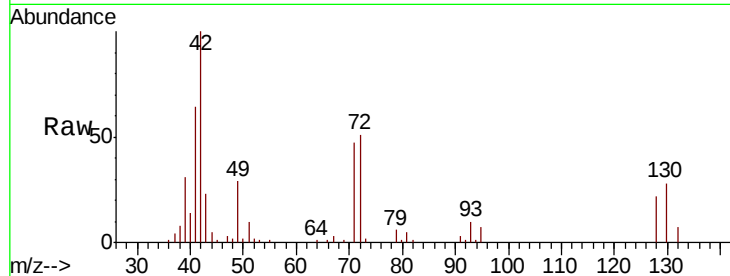




#29
Tetrahydrofuran
Concen: 91.843 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

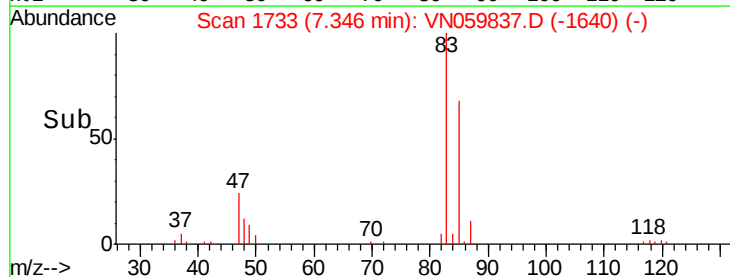
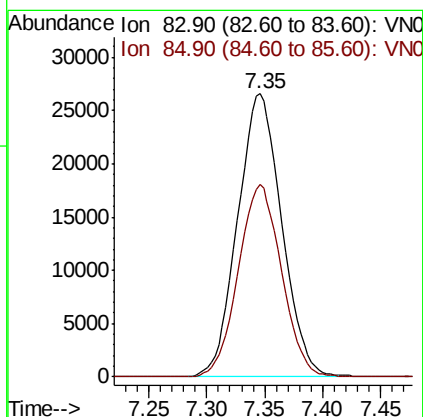
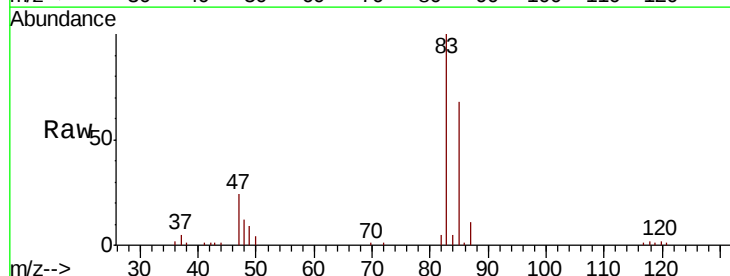
Instrument :
MSVOA_N
ClientSampled :

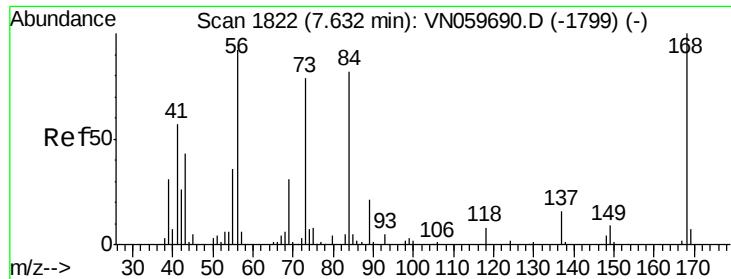
Tot Ion: 42 Resp: 71766
Ion Ratio Lower Upper
42 100
72 49.6 33.1 49.7
71 47.2 31.4 47.0#



#30
Chloroform
Concen: 19.764 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 83 Resp: 70221
Ion Ratio Lower Upper
83 100
85 68.2 52.4 78.6

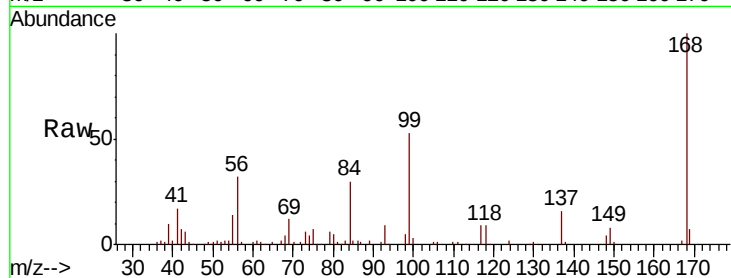




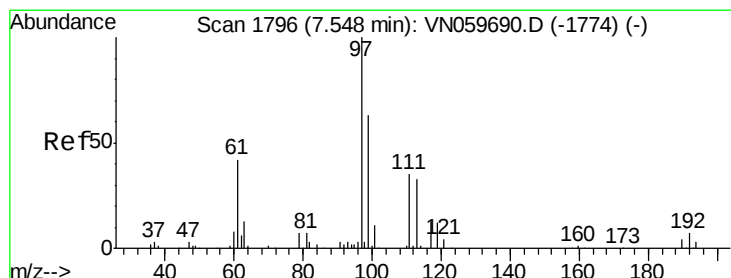
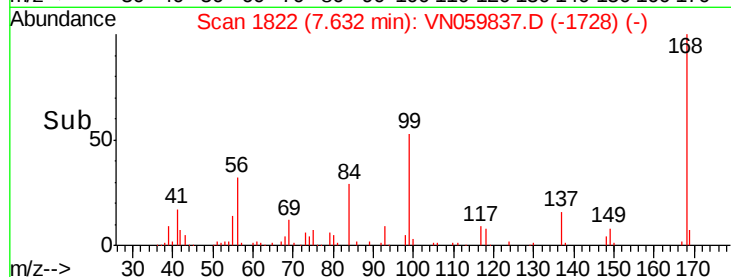
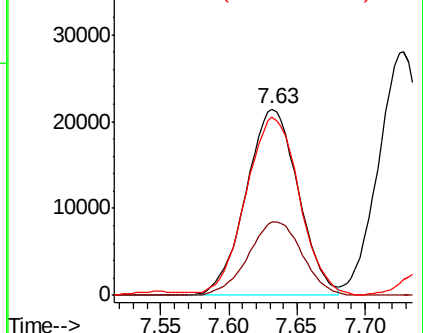
#31
Cyclohexane
Concen: 17.324 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 57165
Ion Ratio Lower Upper
56 100
69 39.2 26.5 39.7
84 94.1 65.3 97.9

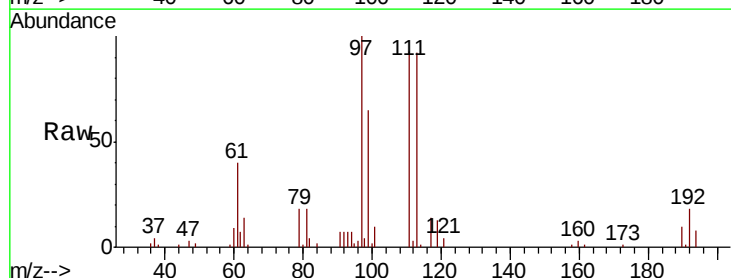


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

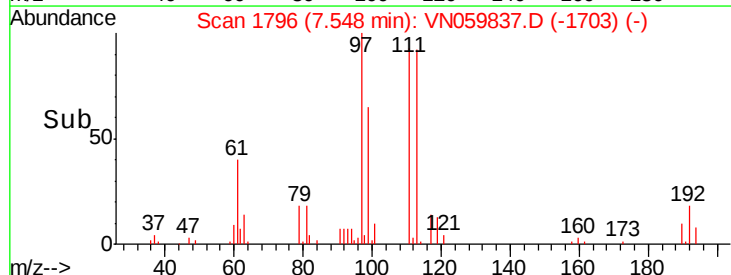
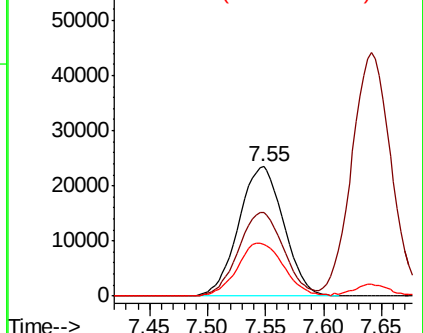


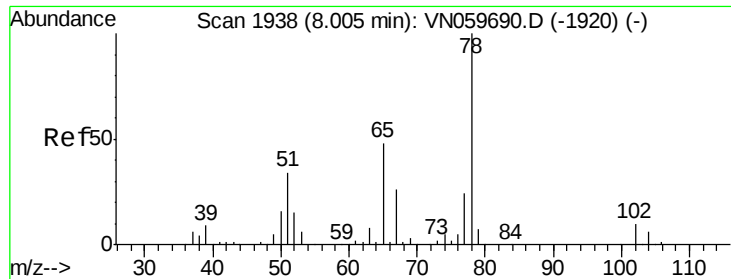
#32
1,1,1-Trichloroethane
Concen: 19.359 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 97 Resp: 63597
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 41.9 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

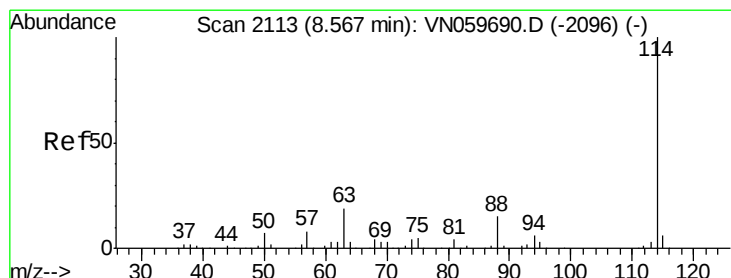
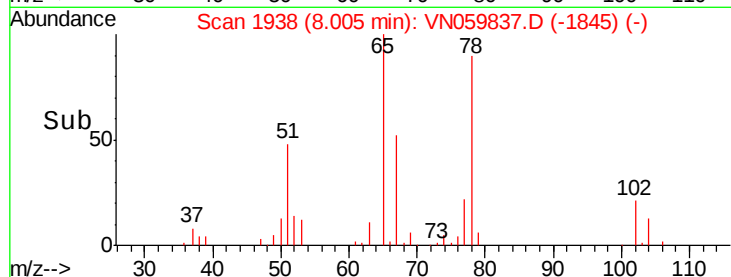
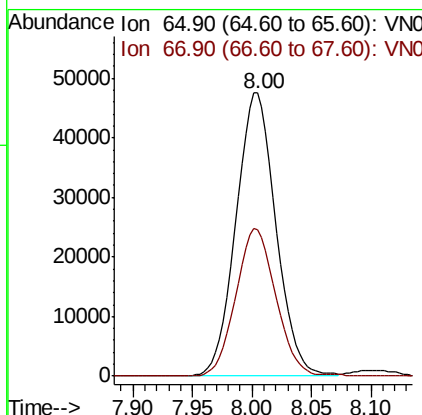
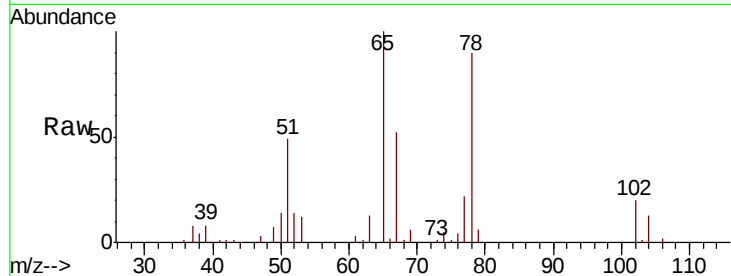




#33
 1,2-Dichloroethane-d4
 Concen: 49.523 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

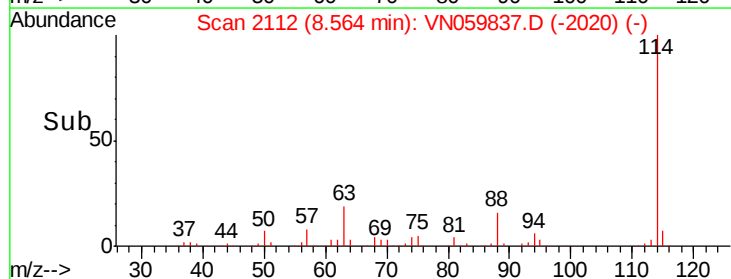
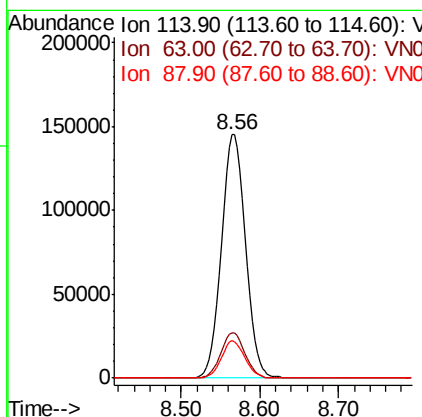
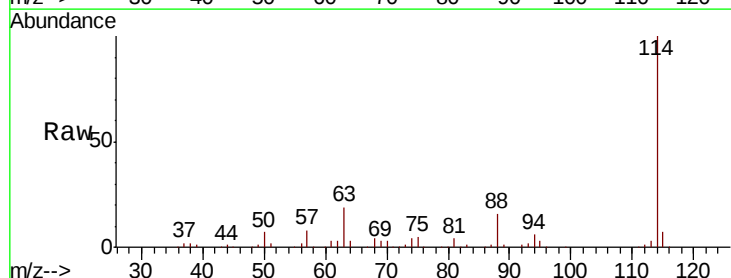
Instrument :
 MSVOA_N
 ClientSampleId :

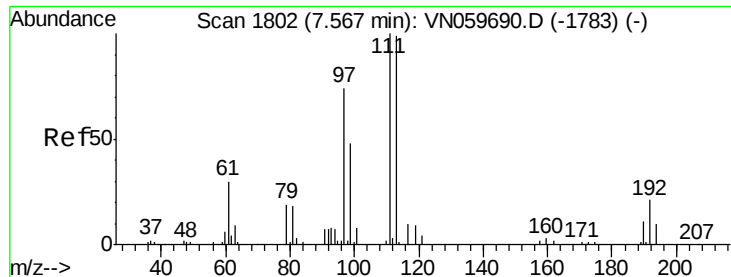
Tot Ion: 65 Resp: 110444
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 114 Resp: 306679
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.857 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

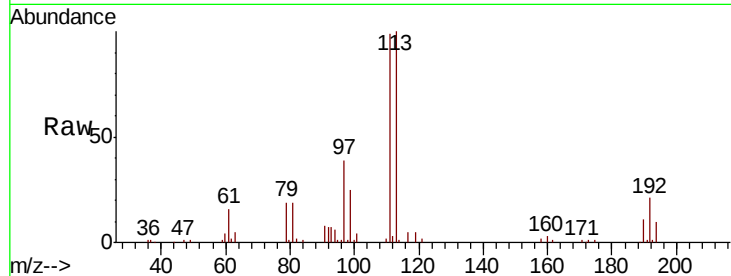
Tot Ion:113 Resp: 93010

Ion Ratio Lower Upper

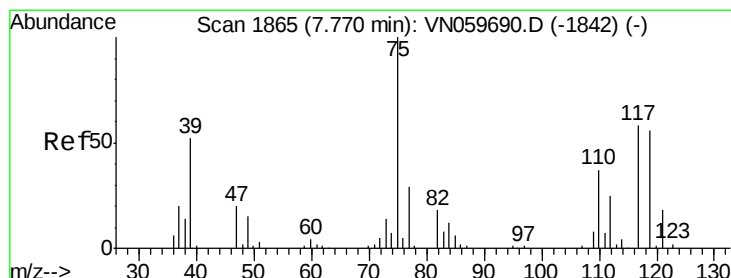
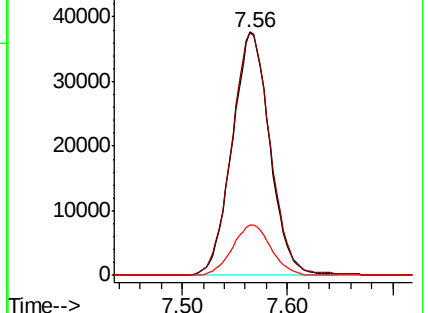
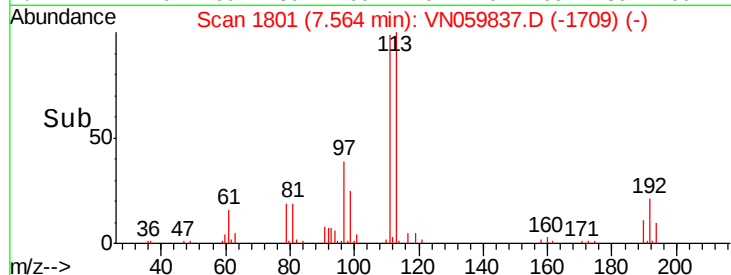
113 100

111 101.8 83.5 125.3

192 21.1 15.4 23.2



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



#36

1,1-Dichloropropene

Concen: 18.934 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

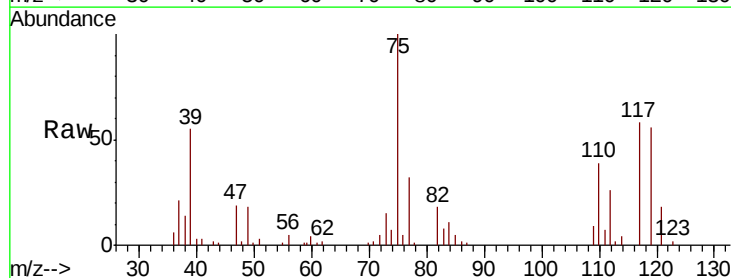
Tgt Ion: 75 Resp: 50567

Ion Ratio Lower Upper

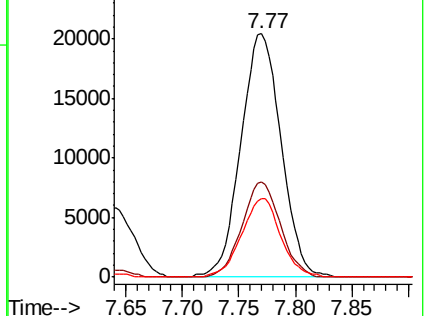
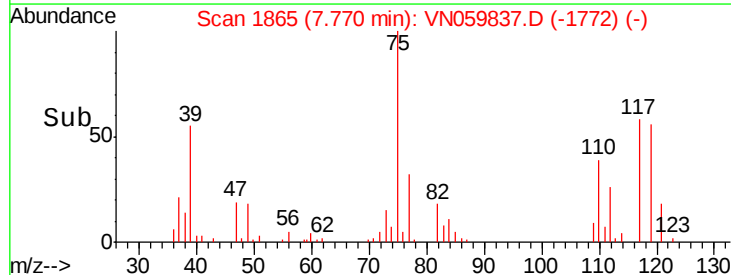
75 100

110 37.3 16.6 49.7

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO

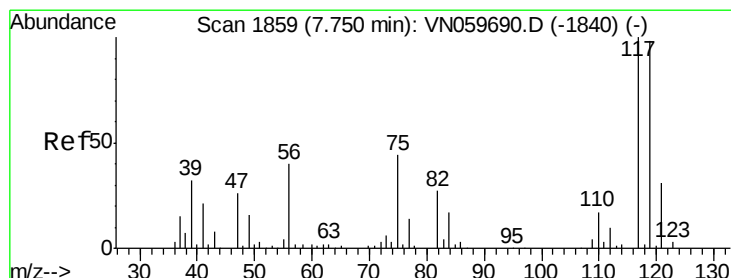
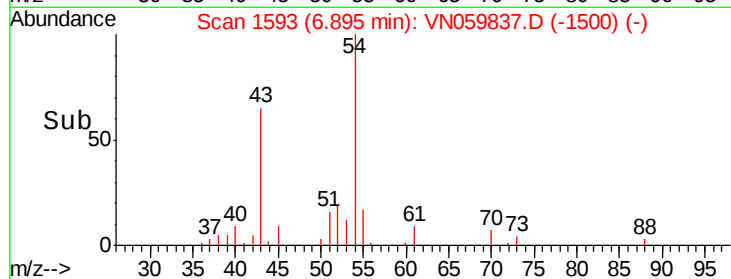
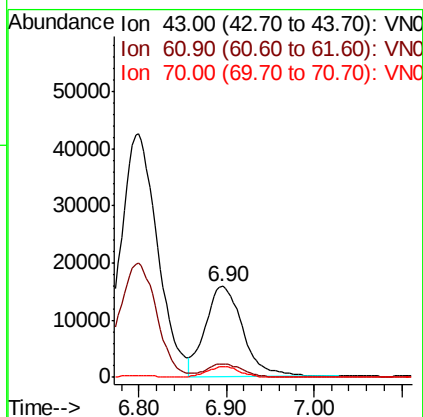
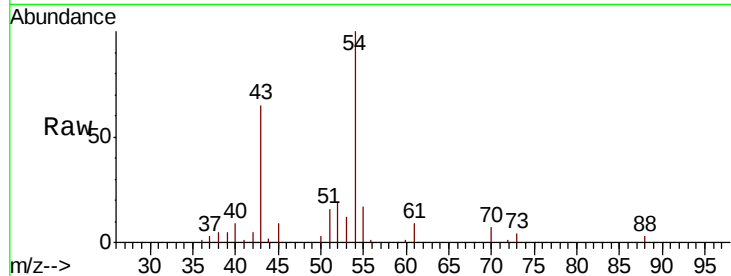




#37
Ethyl Acetate
Concen: 18.949 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

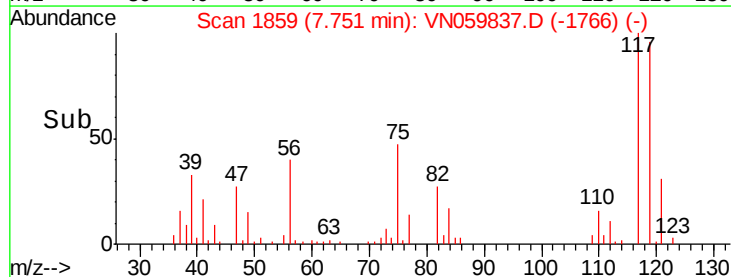
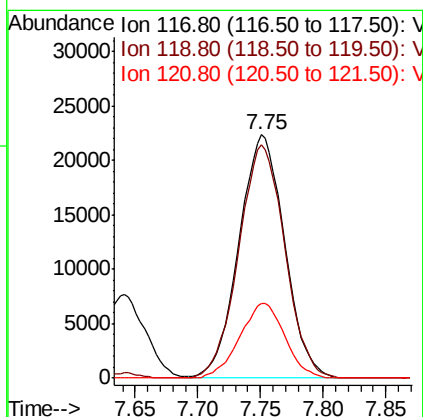
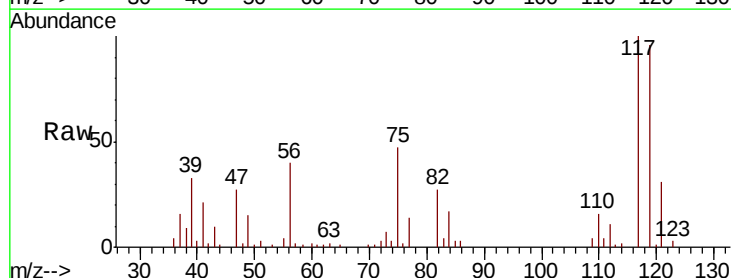
Instrument :
MSVOA_N
ClientSampled :

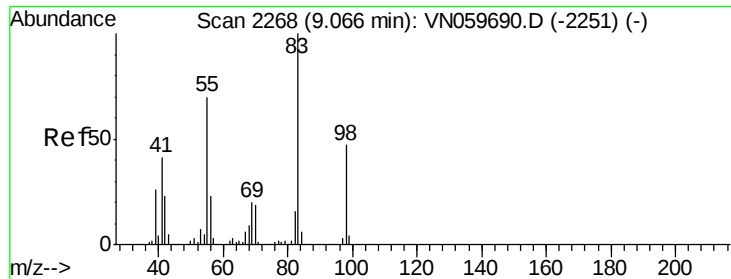
Tot Ion: 43 Resp: 47464
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.503 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 117 Resp: 56659
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
121 30.8 25.1 37.7

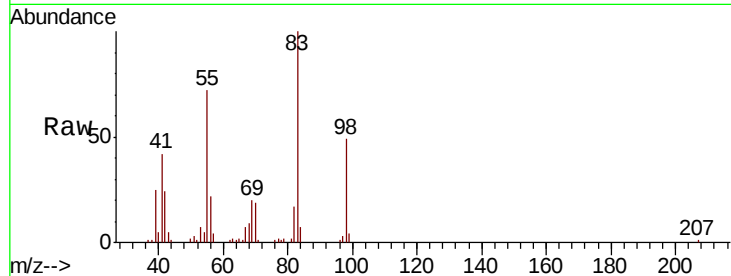




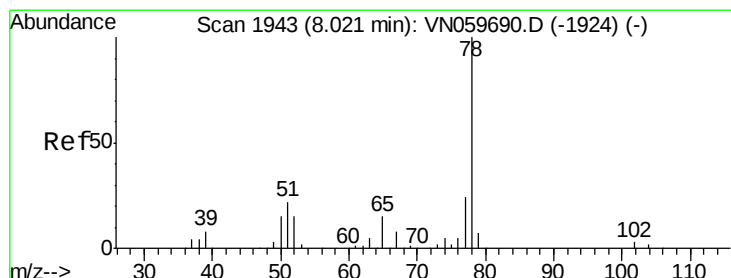
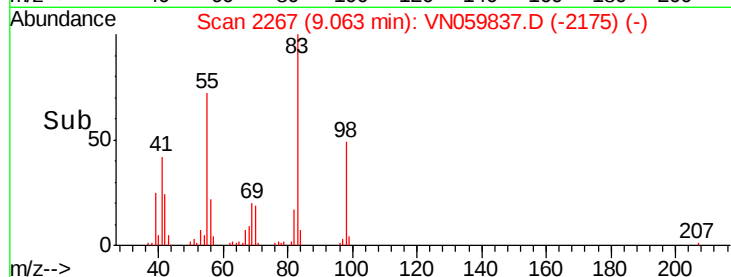
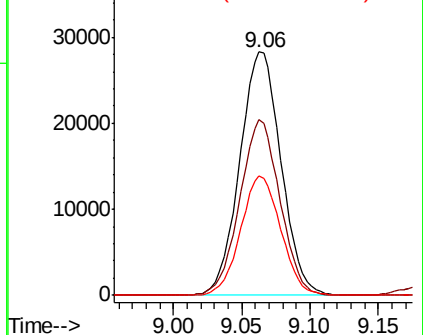
#39
Methvlcvclohexane
Concen: 18.053 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 59448
Ion Ratio Lower Upper
83 100
55 72.1 64.2 96.2
98 48.8 35.9 53.9

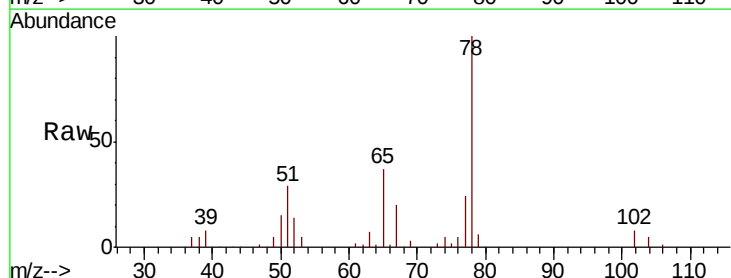


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

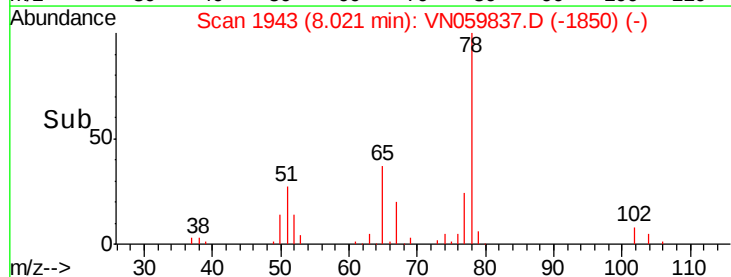
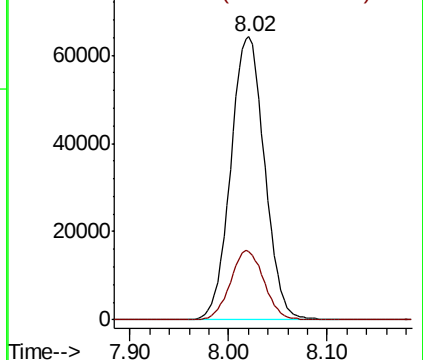


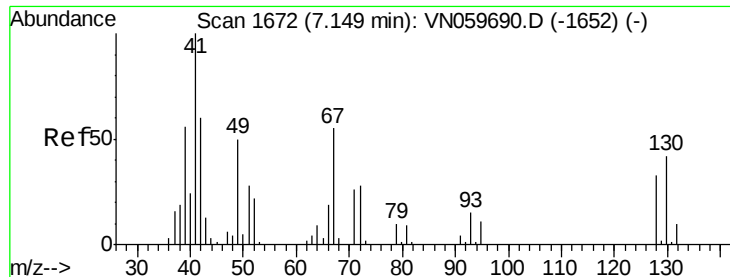
#40
Benzene
Concen: 19.282 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 78 Resp: 153576
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



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

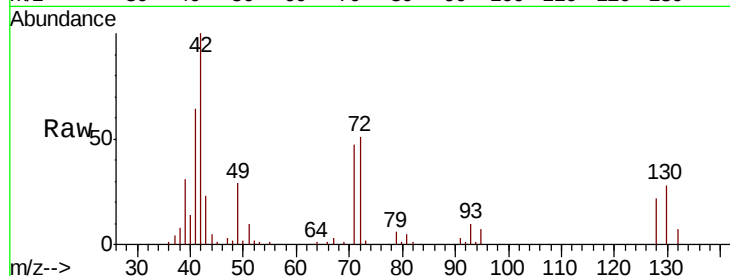




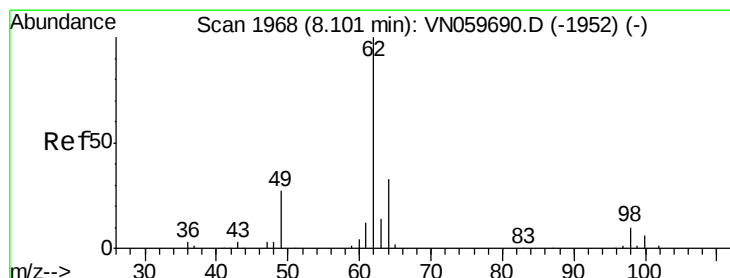
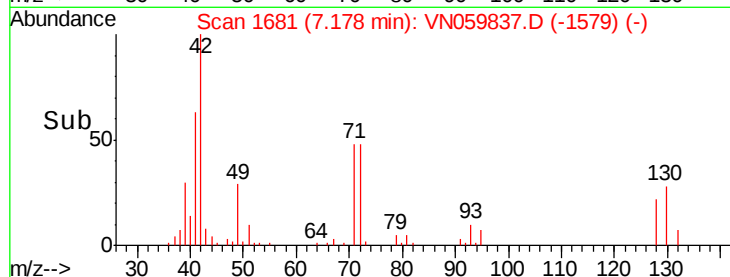
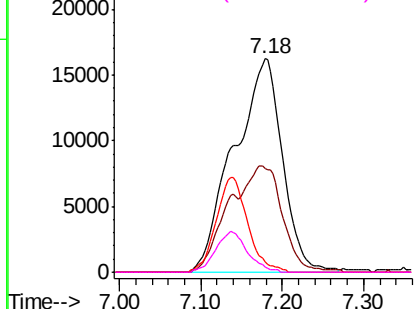
#41
Methacrylonitrile
Concen: 54.323 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	67023
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

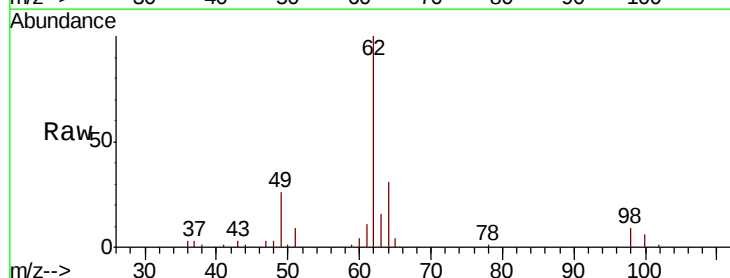


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

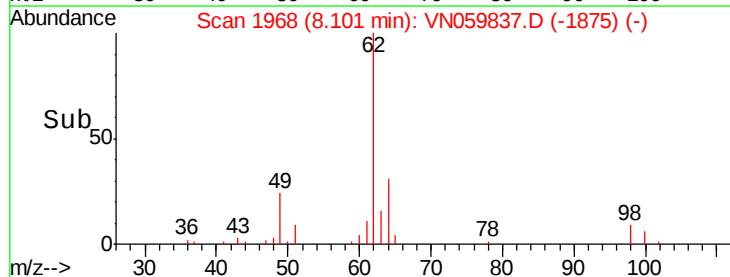
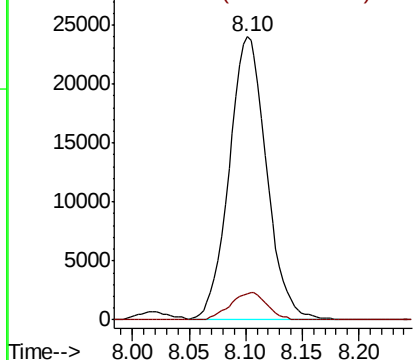


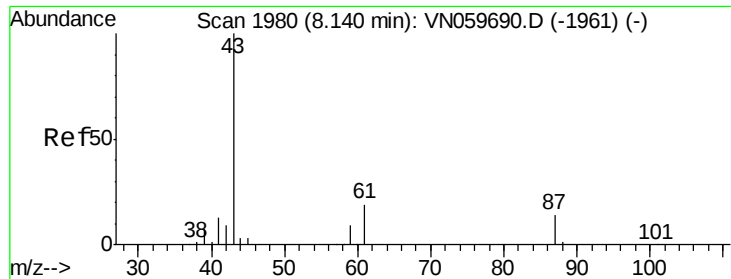
#42
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:	62	Resp:	55362
Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 18.491 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

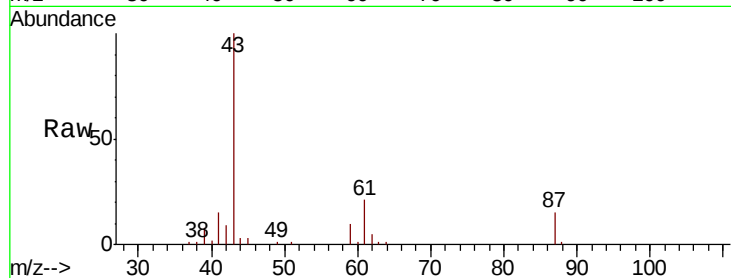
Tot Ion: 43 Resp: 79669

Ion Ratio Lower Upper

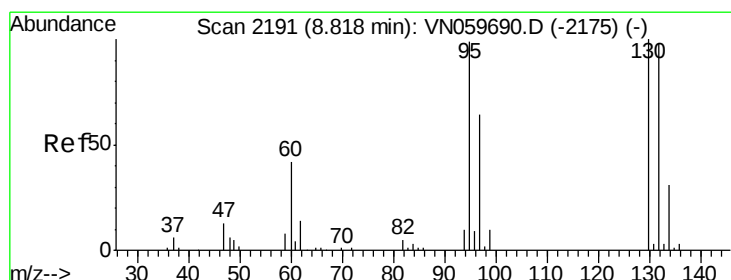
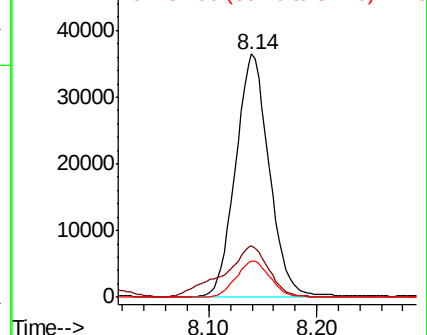
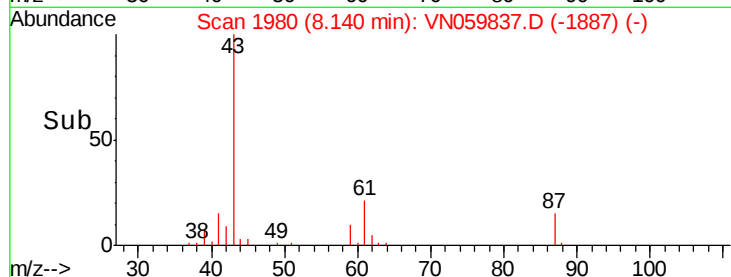
43 100

61 28.1 20.2 30.2

87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059837.D (-1987) (-)



#44

Trichloroethene

Concen: 20.498 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059837.D

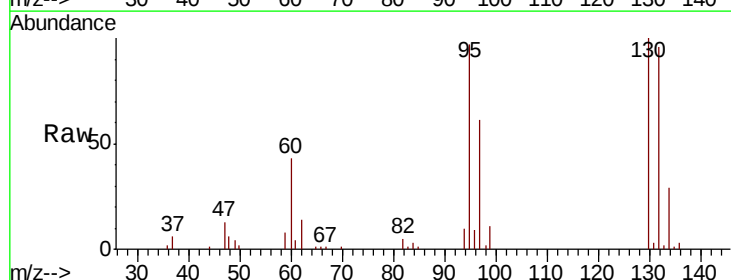
Acq: 24 Jan 2020 11:46

Tgt Ion:130 Resp: 44569

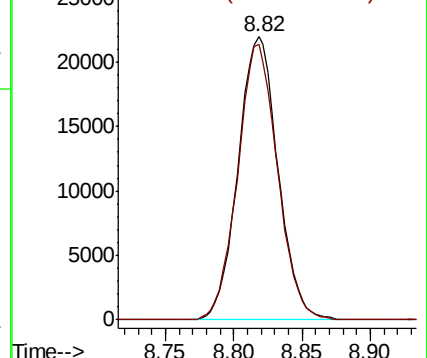
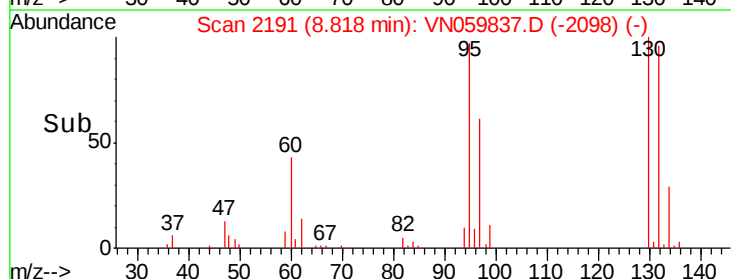
Ion Ratio Lower Upper

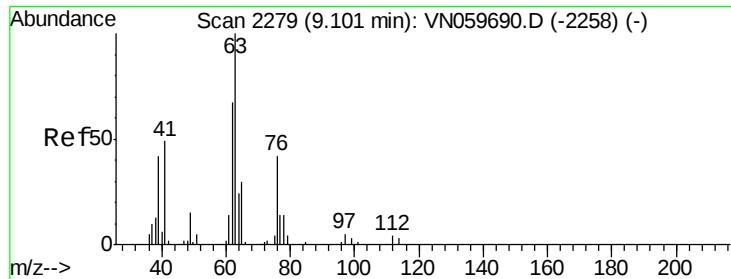
130 100

95 97.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059837.D (-2098) (-)

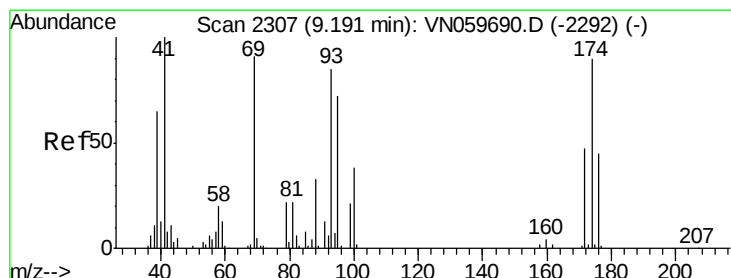
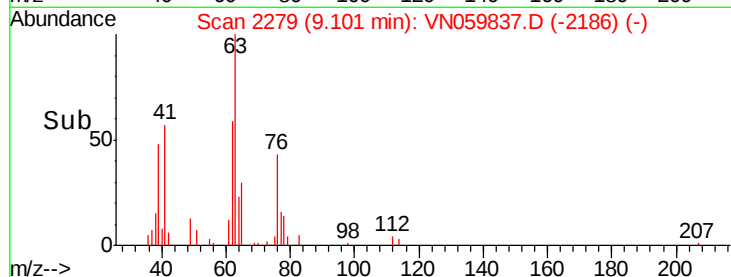
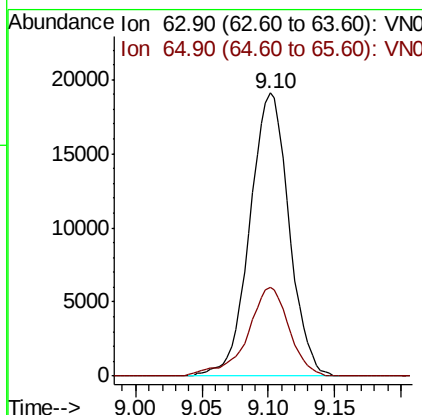
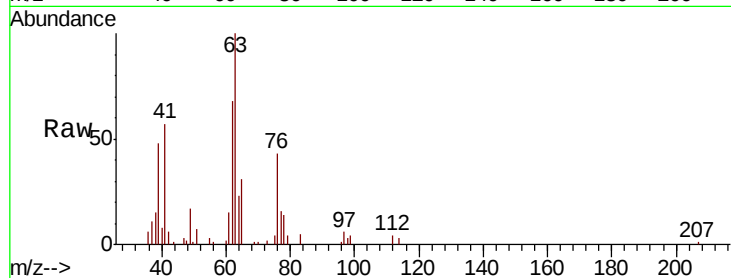




#45
 1,2-Dichloropropane
 Concen: 19.980 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

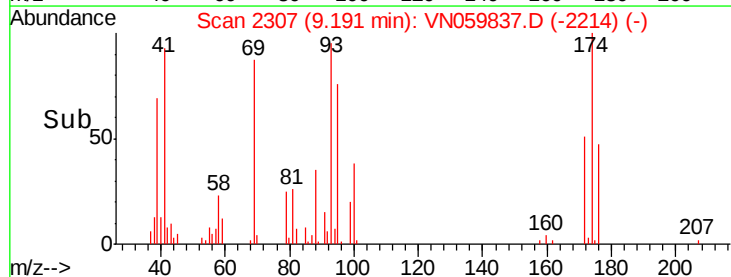
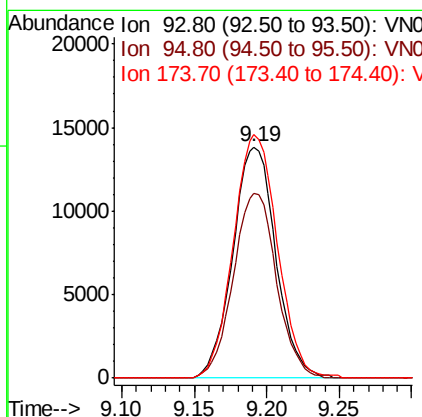
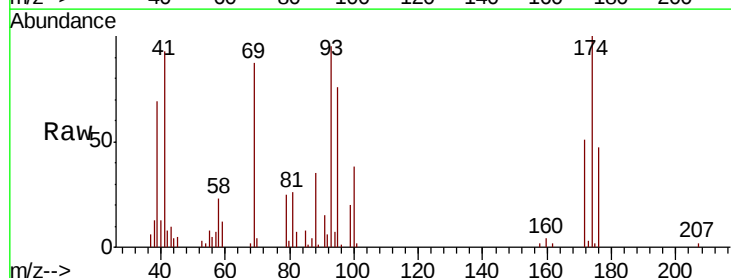
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 39379
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.525 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion: 93 Resp: 28536
 Ion Ratio Lower Upper
 93 100
 95 80.2 67.0 100.6
 174 108.0 73.4 110.2

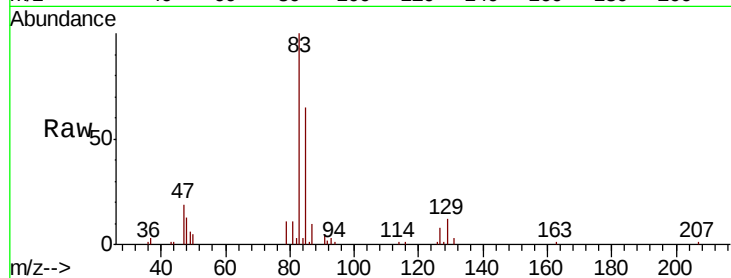




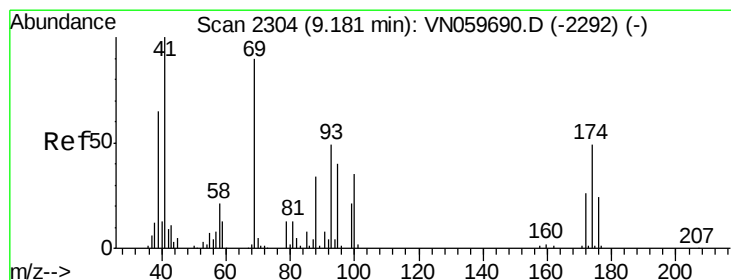
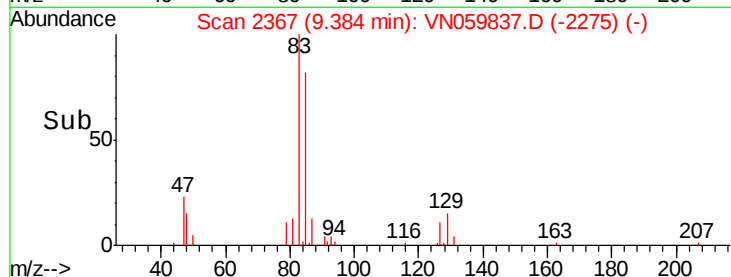
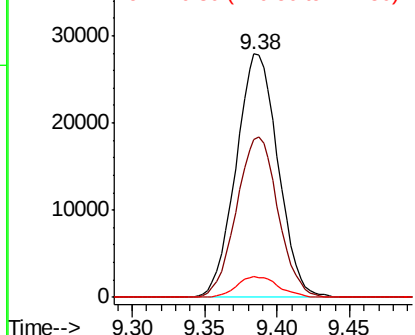
#47
Bromodichloromethane
Concen: 20.028 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 56112
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.5 6.6 9.8

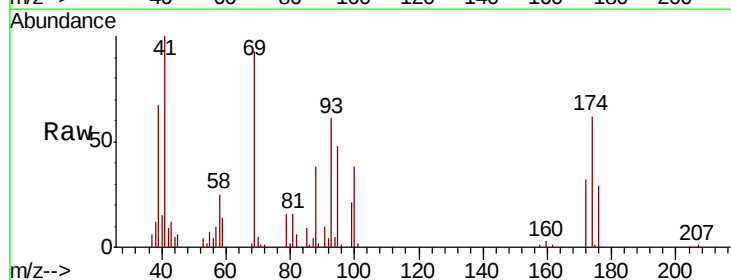


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

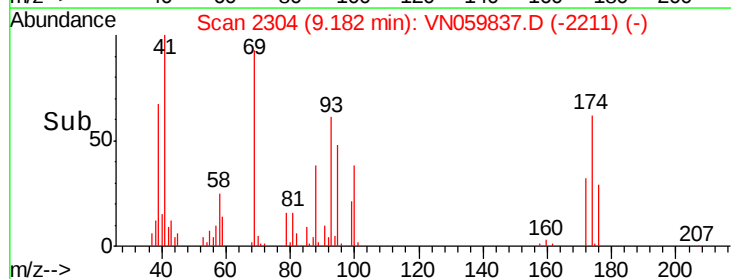
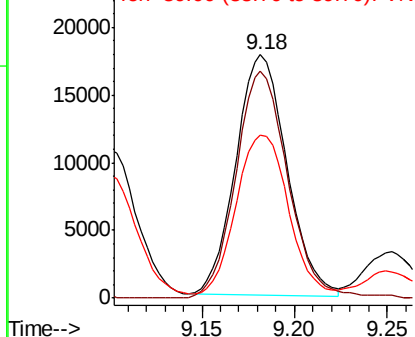


#48
Methyl methacrylate
Concen: 17.758 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 41 Resp: 34223
Ion Ratio Lower Upper
41 100
69 95.6 64.4 96.6
39 70.7 51.3 76.9



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

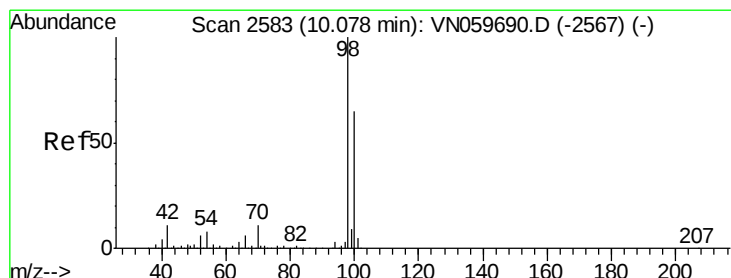
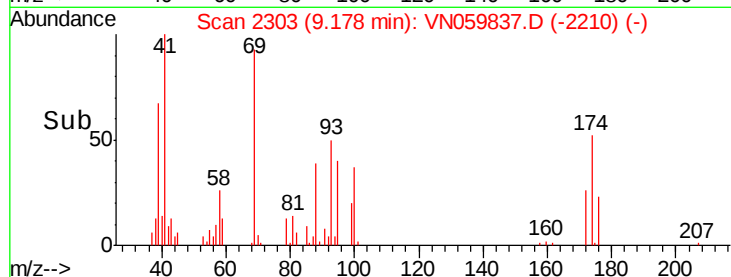
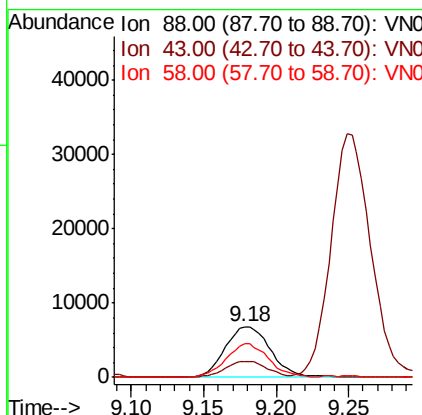
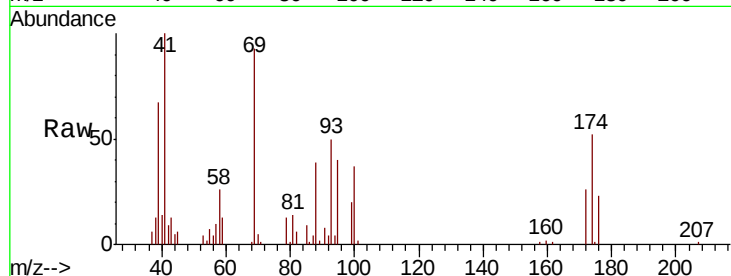




#49
1,4-Dioxane
Concen: 422.031 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

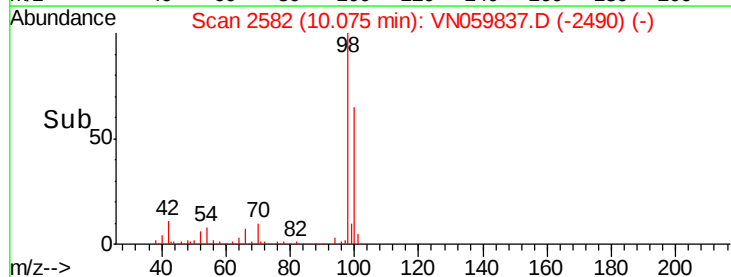
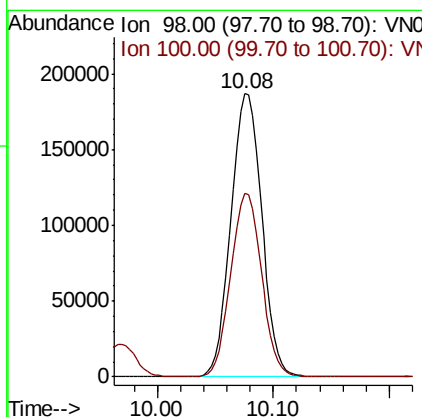
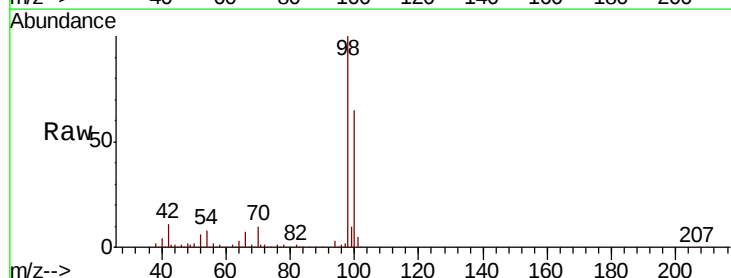
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 14889
Ion Ratio Lower Upper
88 100
43 29.3 29.7 44.5#
58 61.9 56.6 85.0



#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 98 Resp: 345255
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 93.525 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

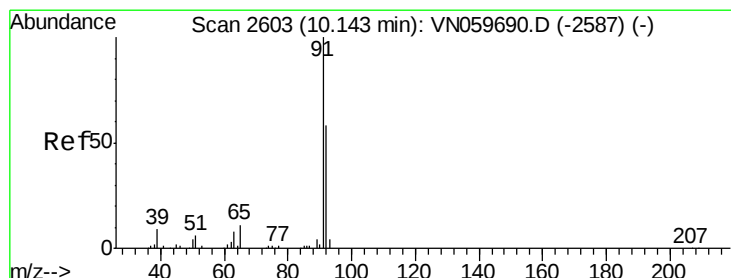
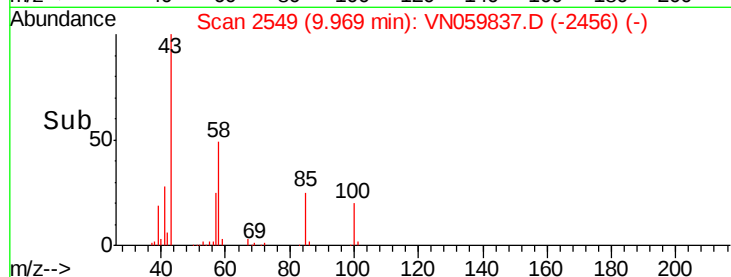
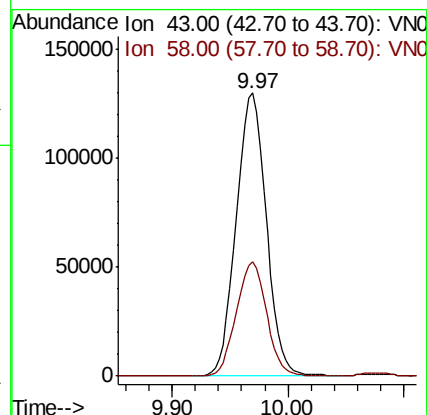
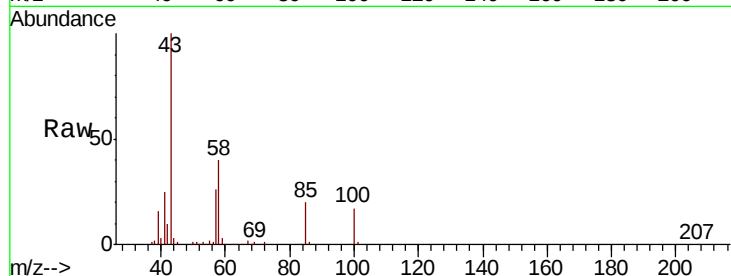
ClientSampleId :

Tot Ion: 43 Resp: 232931

Ion Ratio Lower Upper

43 100

58 40.6 29.8 44.8



#52

Toluene

Concen: 19.623 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059837.D

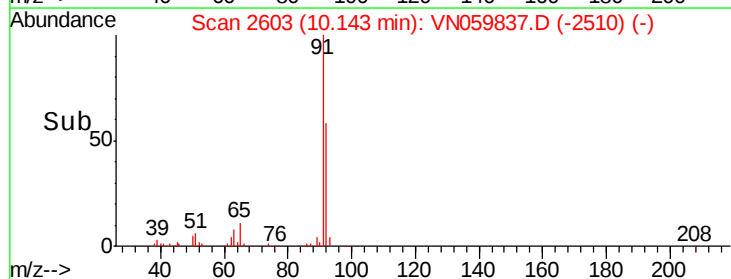
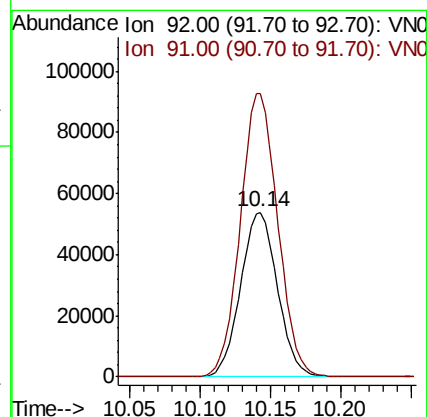
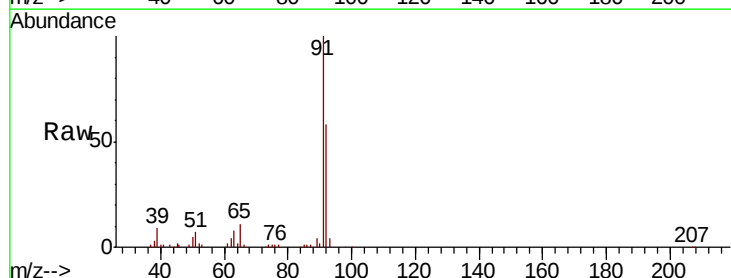
Acq: 24 Jan 2020 11:46

Tgt Ion: 92 Resp: 98722

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6

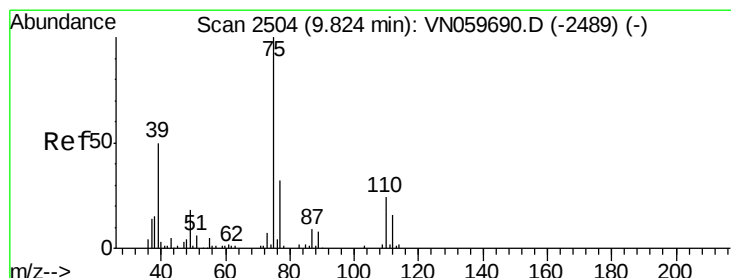
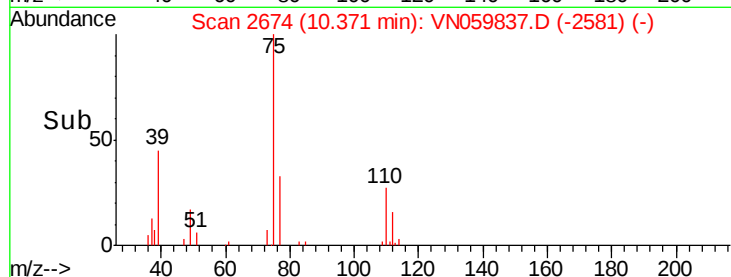
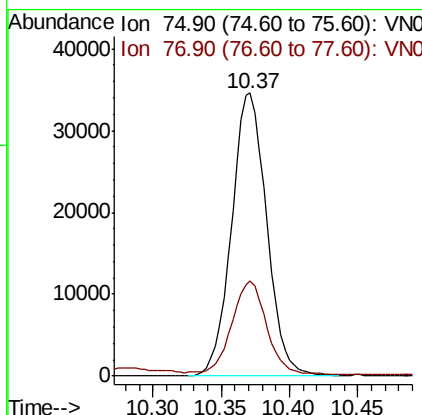
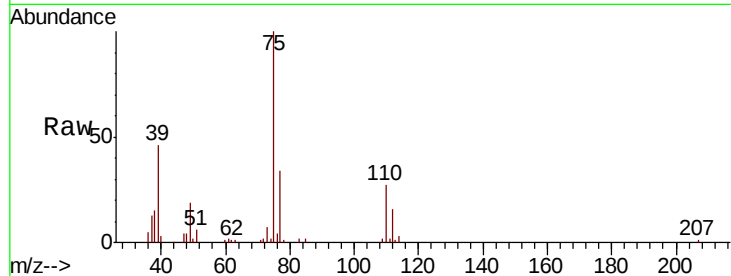




#53
t-1,3-Dichloropropene
Concen: 19.758 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

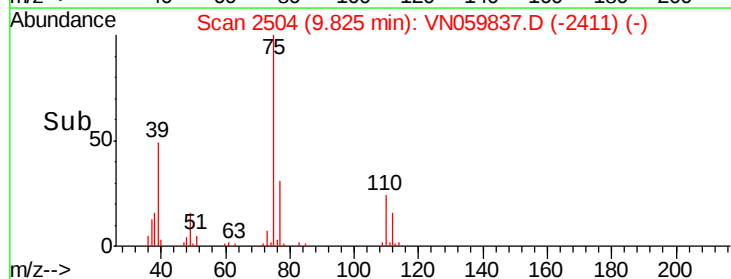
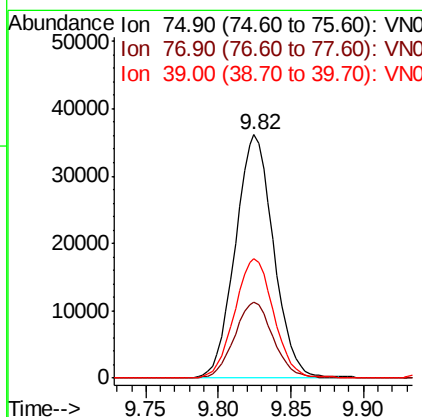
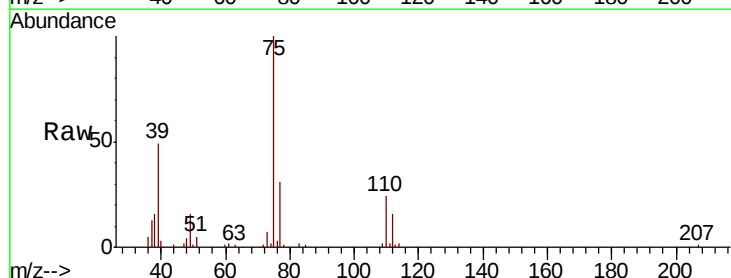
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 61810
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.138 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 75 Resp: 66287
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 49.2 46.1 69.1

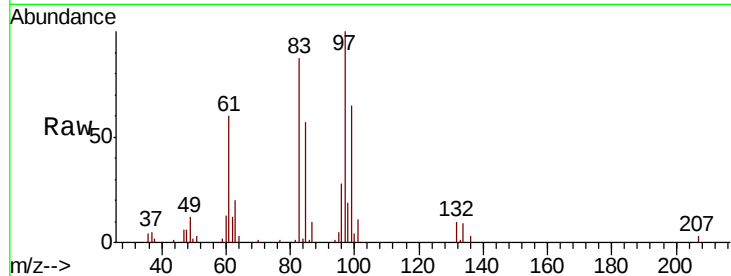




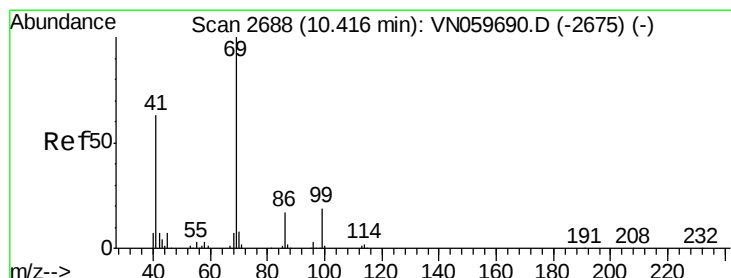
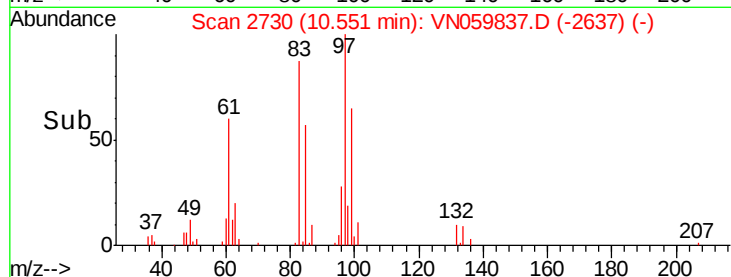
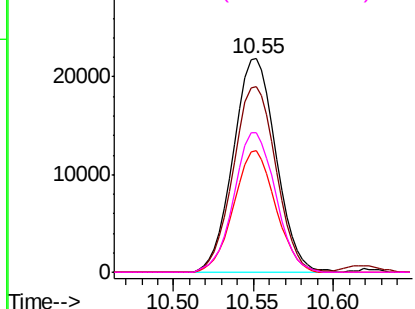
#55
 1,1,2-Trichloroethane
 Concen: 20.079 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	40009
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.3	106.9
85	56.8	45.8	68.8
99	65.2	50.0	75.0

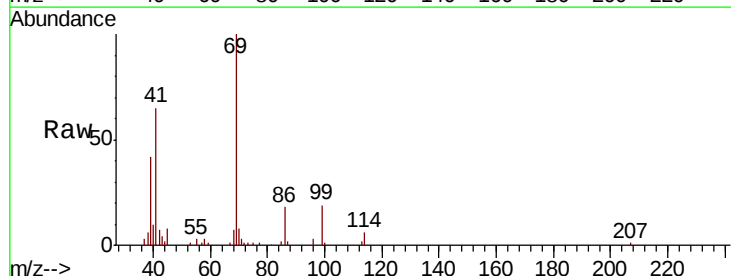


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

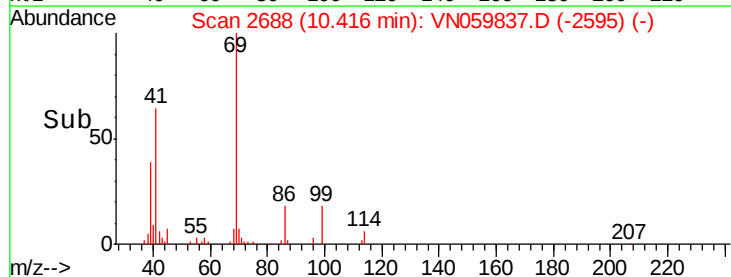
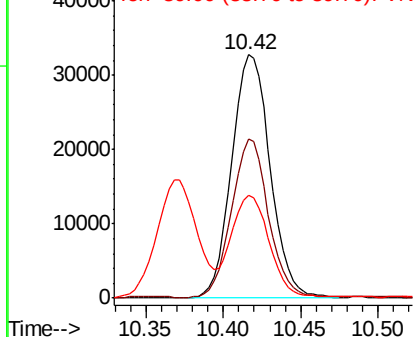


#56
 Ethyl methacrylate
 Concen: 18.583 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion:	69	Resp:	56579
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.1	85.7
39	42.0	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: 20.278 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

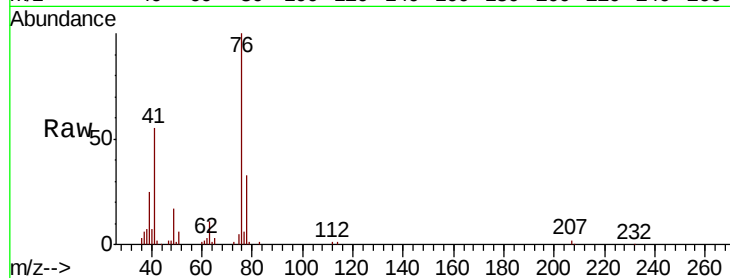
ClientSampled :

Tot Ion: 76 Resp: 64149

Ion Ratio Lower Upper

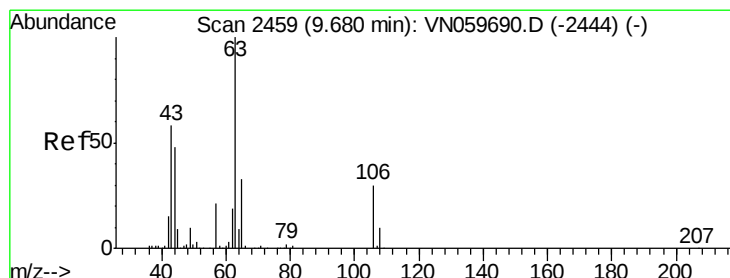
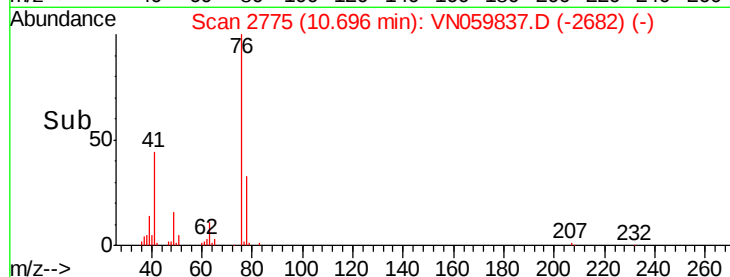
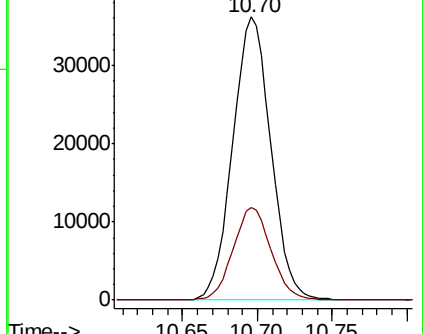
76 100

78 32.6 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: 103.858 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059837.D

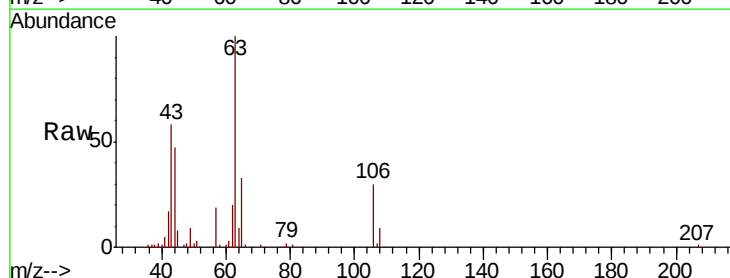
Acq: 24 Jan 2020 11:46

Tgt Ion: 63 Resp: 95244

Ion Ratio Lower Upper

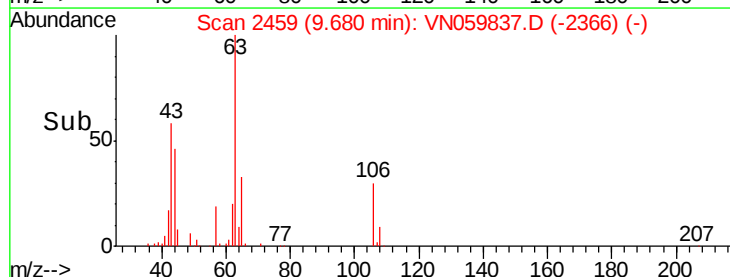
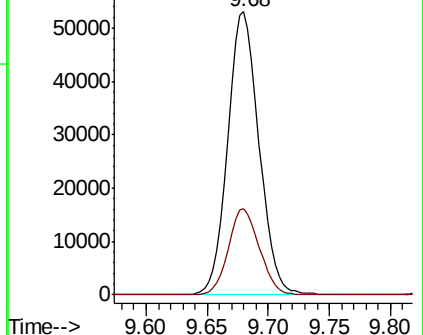
63 100

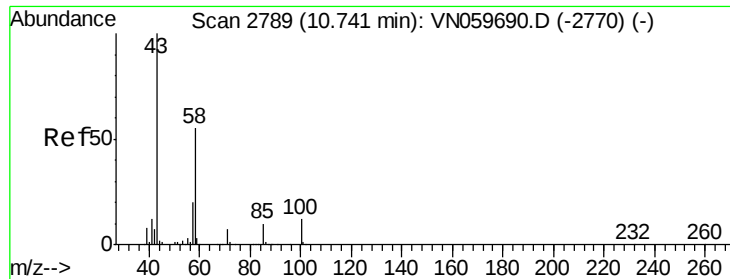
106 30.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

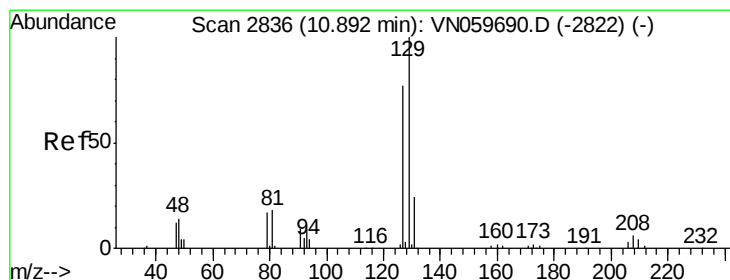
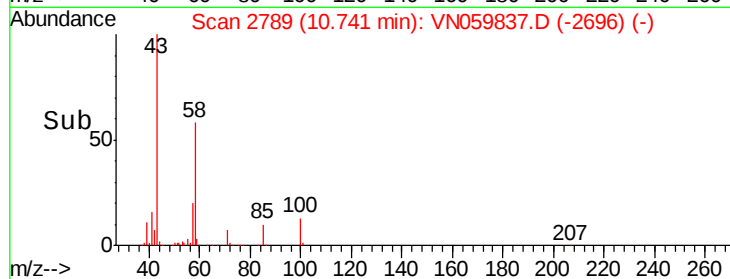
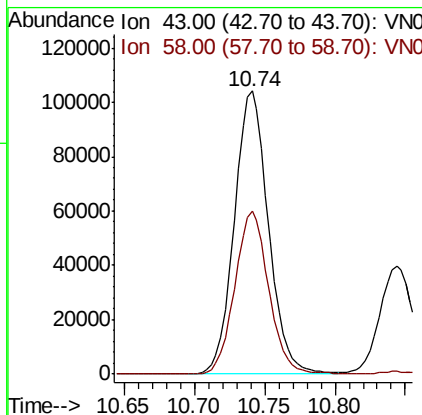
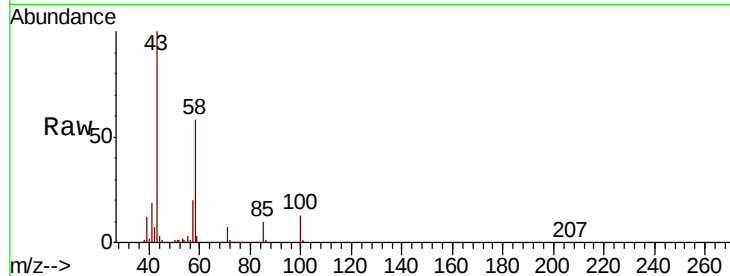




#59
2-Hexanone
Concen: 95.991 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

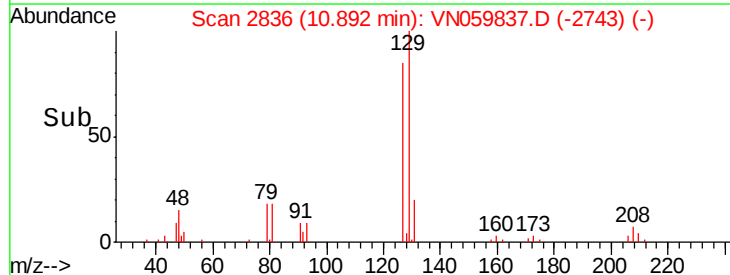
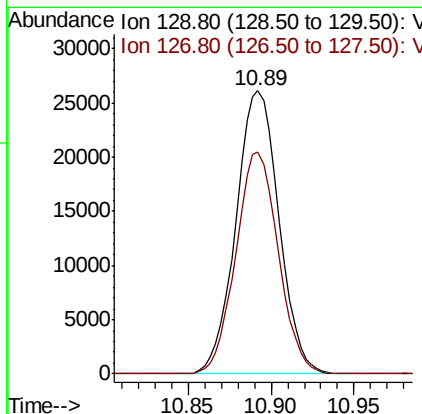
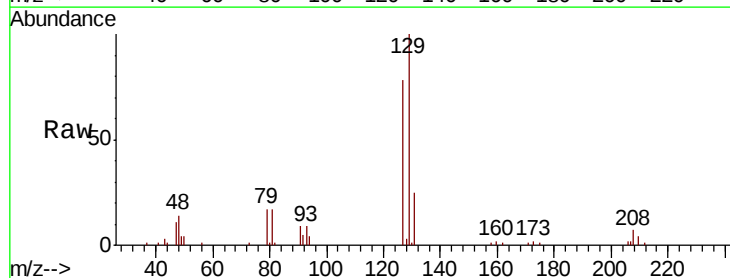
Instrument :
MSVOA_N
ClientSampled :

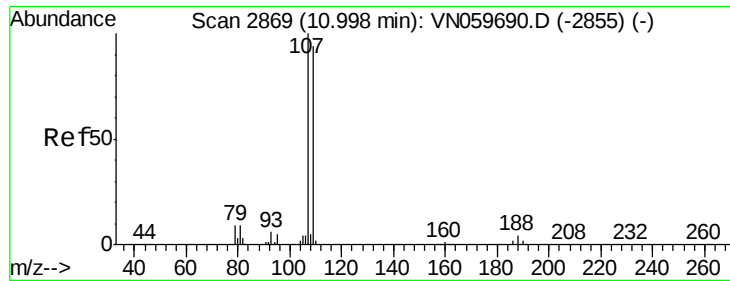
Tot Ion: 43 Resp: 176127
Ion Ratio Lower Upper
43 100
58 57.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.739 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 129 Resp: 47057
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

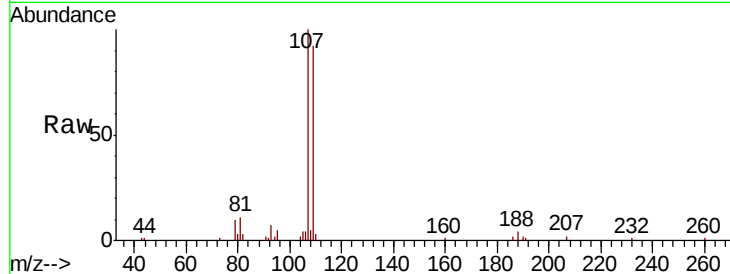
ClientSampled :

Tot Ion:107 Resp: 41761

Ion Ratio Lower Upper

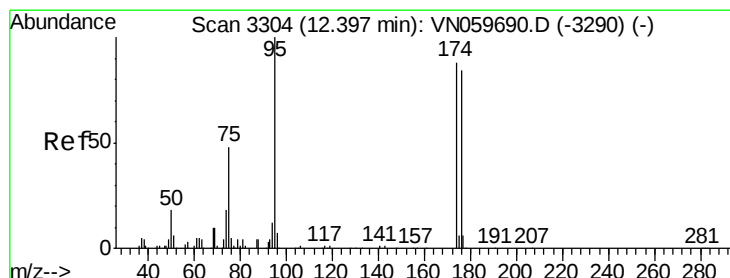
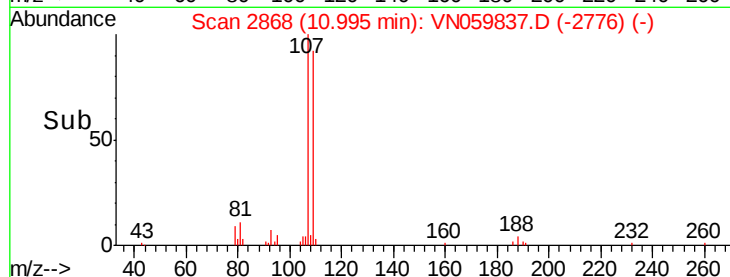
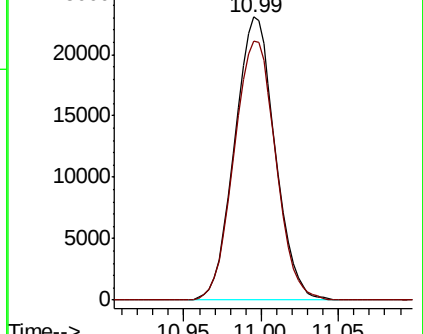
107 100

109 94.4 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.207 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

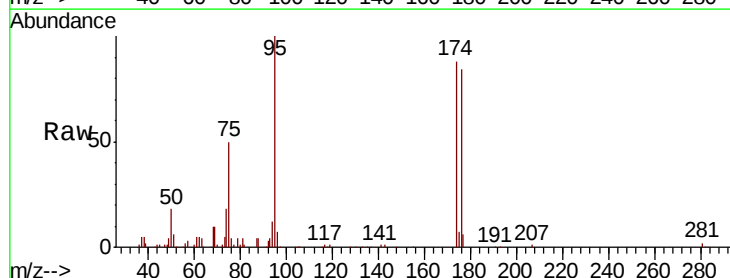
Tgt Ion: 95 Resp: 123144

Ion Ratio Lower Upper

95 100

174 87.9 0.0 151.4

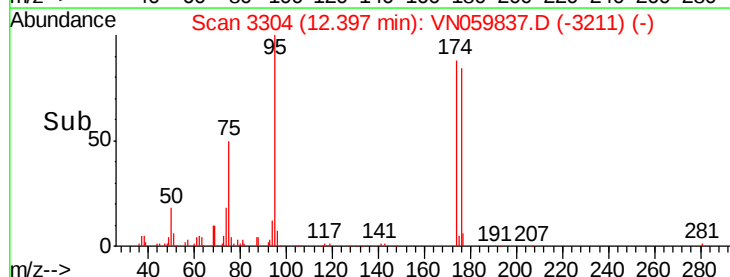
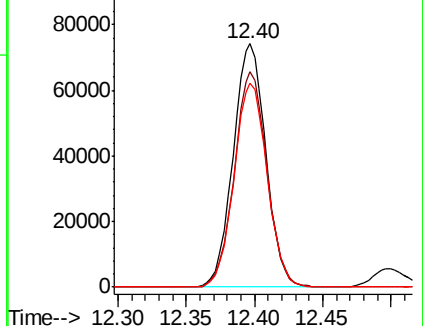
176 84.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

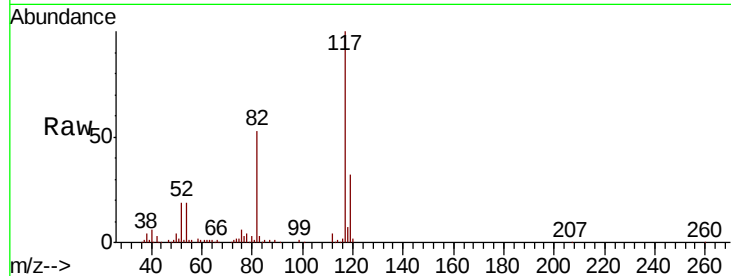




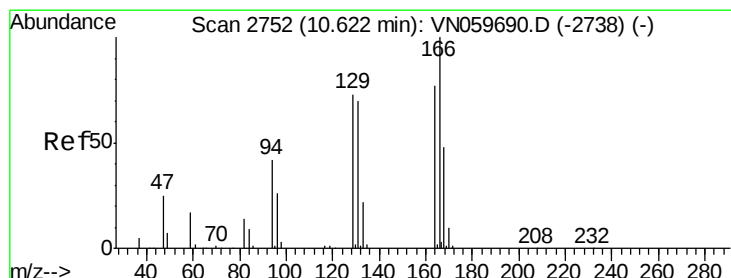
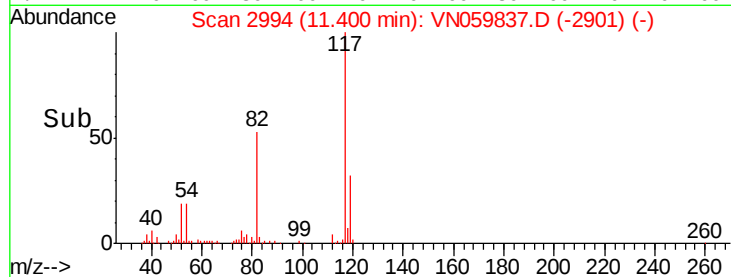
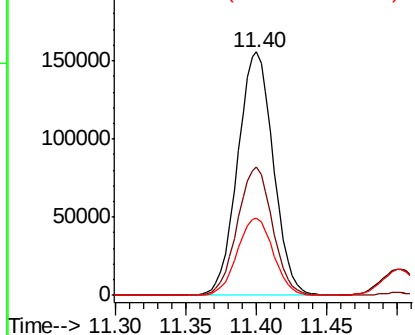
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 275540
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 31.7 25.5 38.3

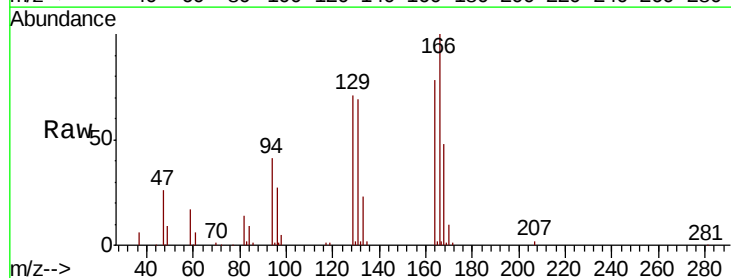


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

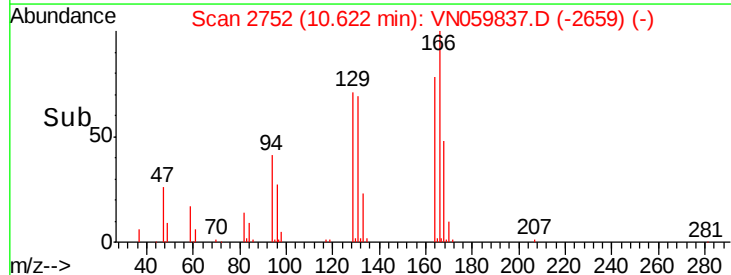
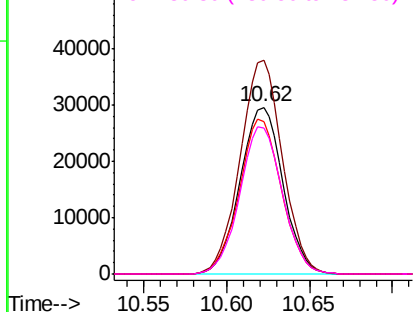


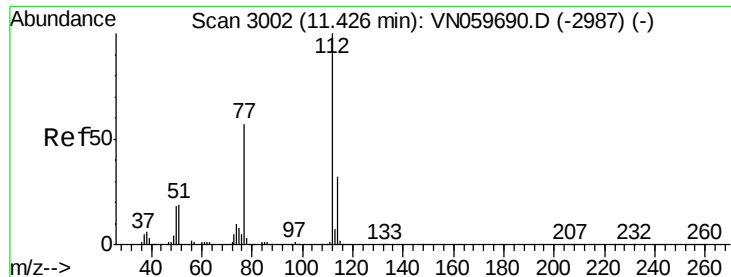
#64
Tetrachloroethene
Concen: 23.682 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:164 Resp: 53183
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 91.3 80.2 120.4
131 87.8 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

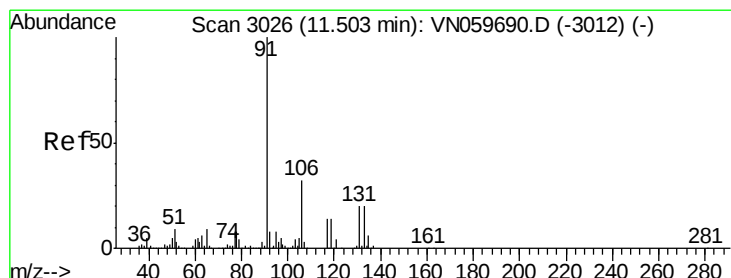
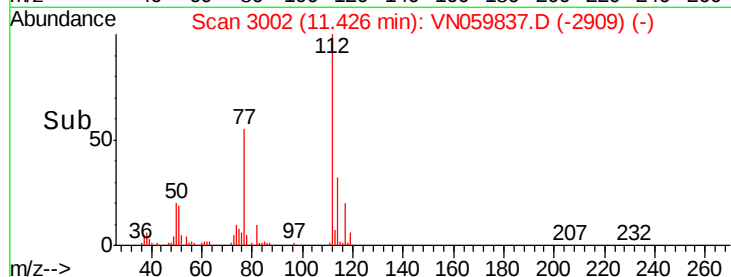
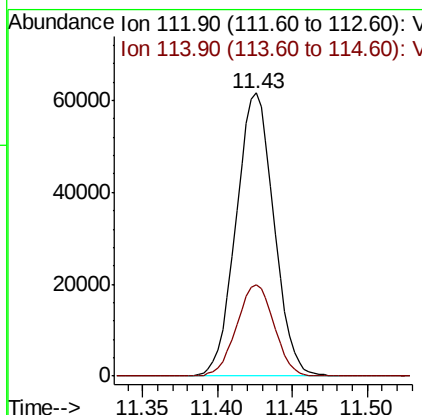
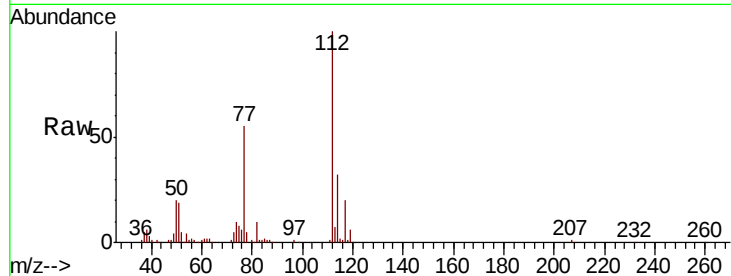




#65
Chlorobenzene
Concen: 20.000 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

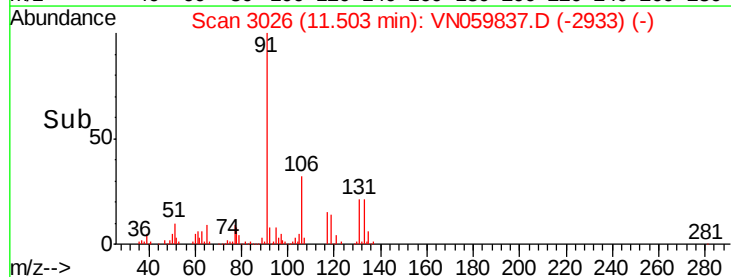
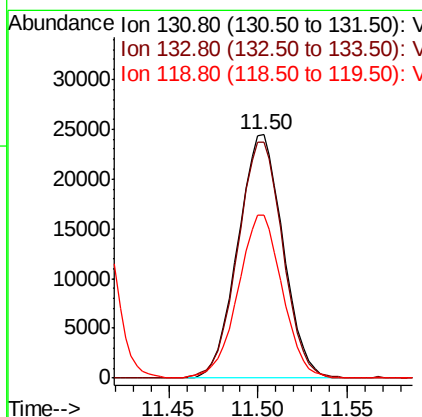
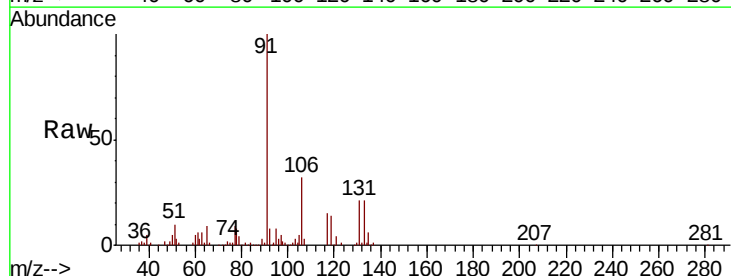
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 108319
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.590 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:131 Resp: 43089
Ion Ratio Lower Upper
131 100
133 97.5 47.4 142.2
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 19.464 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

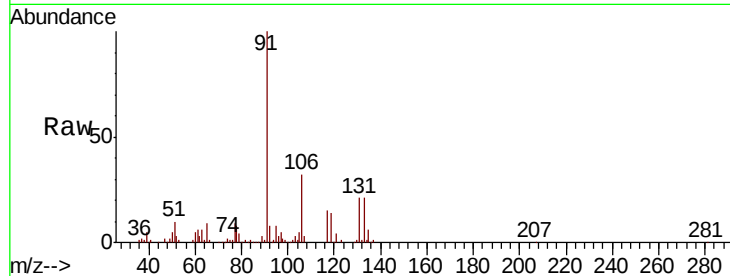
ClientSampled :

Tot Ion: 91 Resp: 191357

Ion Ratio Lower Upper

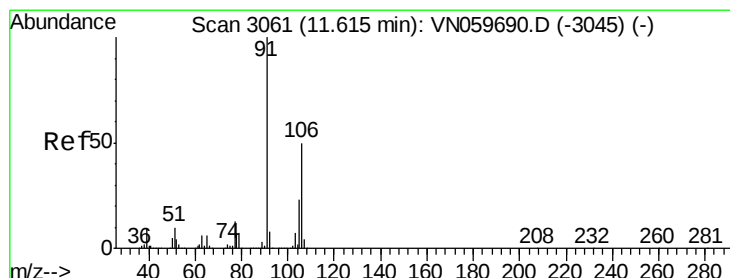
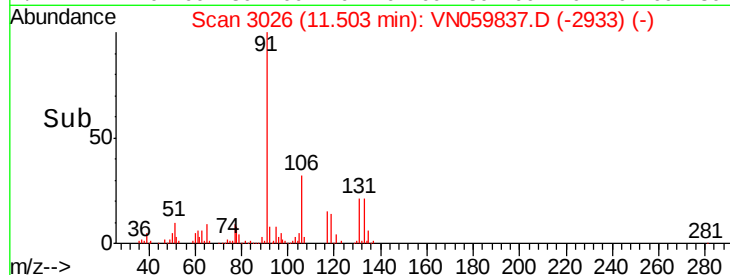
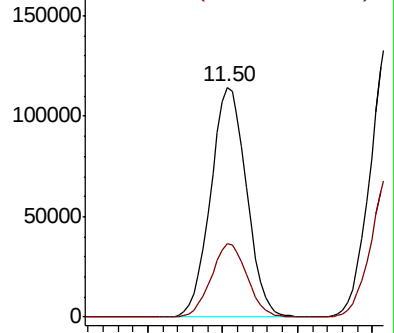
91 100

106 31.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.410 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059837.D

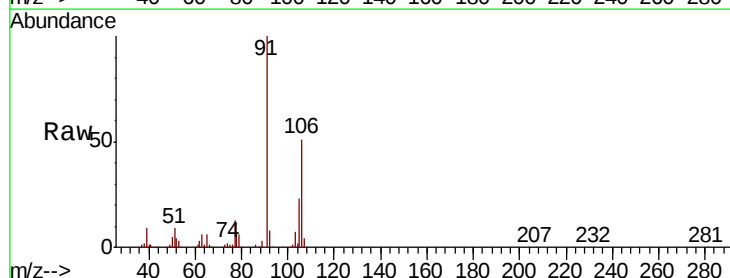
Acq: 24 Jan 2020 11:46

Tgt Ion: 106 Resp: 146359

Ion Ratio Lower Upper

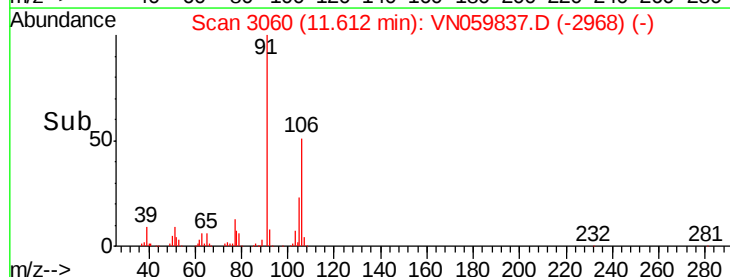
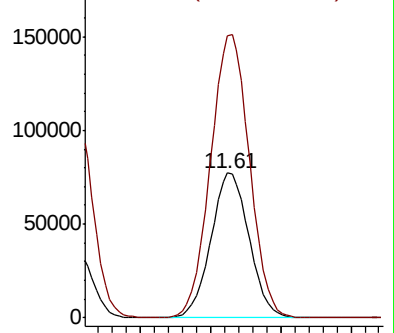
106 100

91 198.1 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

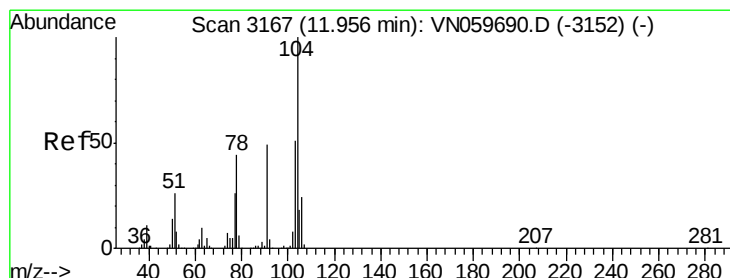
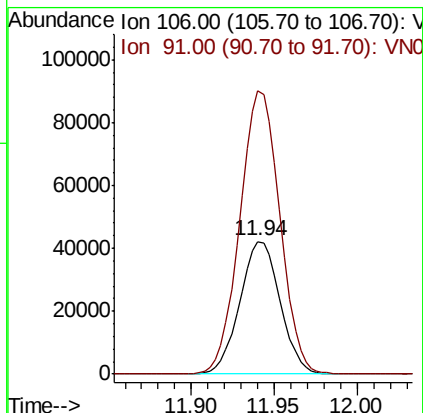
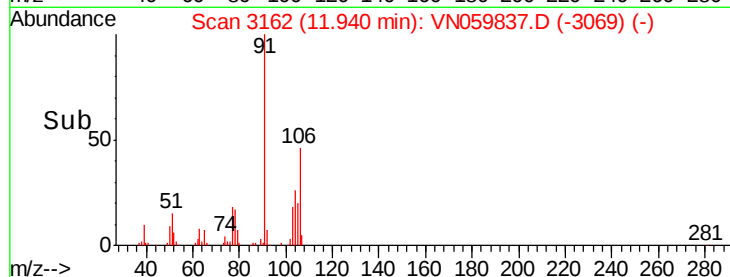
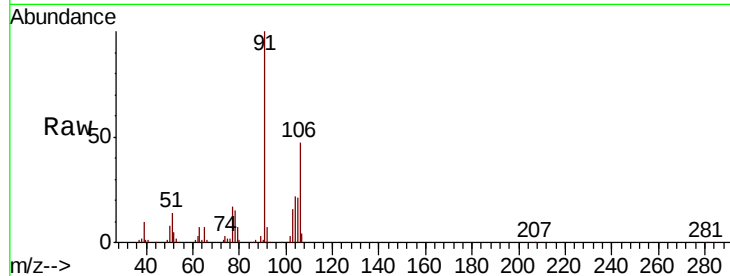




#69
o-Xylene
Concen: 19.469 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

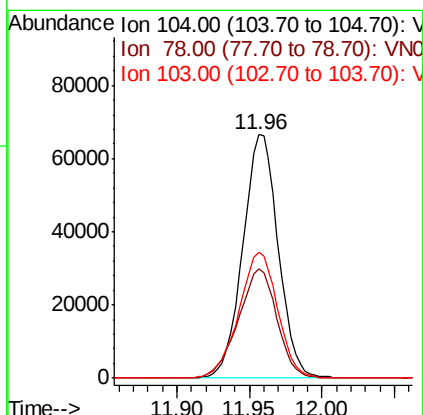
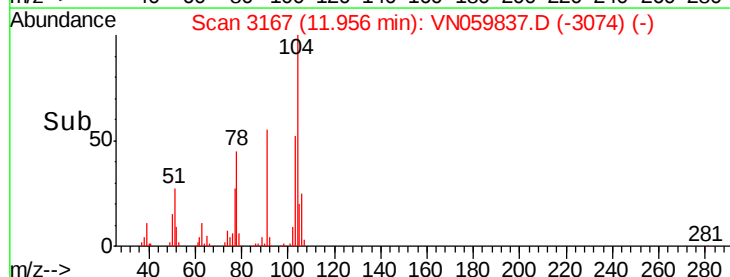
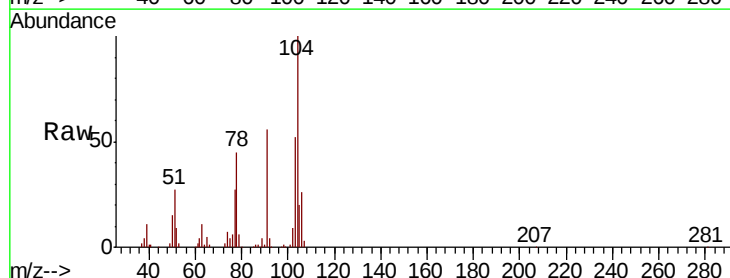
Instrument :
MSVOA_N
ClientSampleId :

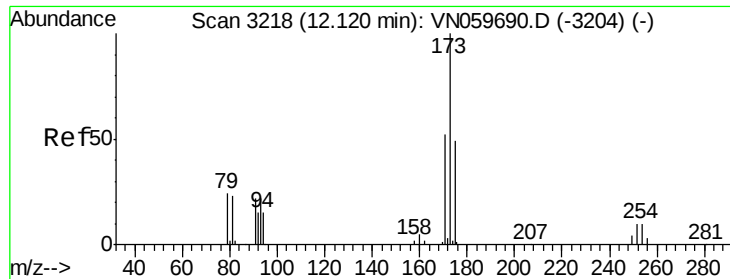
Tot Ion:106 Resp: 70787
Ion Ratio Lower Upper
106 100
91 213.5 110.3 330.9



#70
Styrene
Concen: 18.624 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:104 Resp: 113306
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 56.5 43.9 65.9

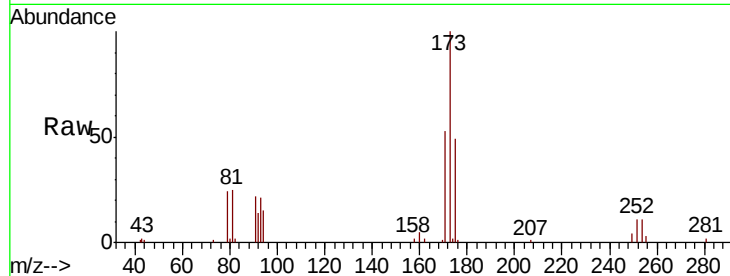




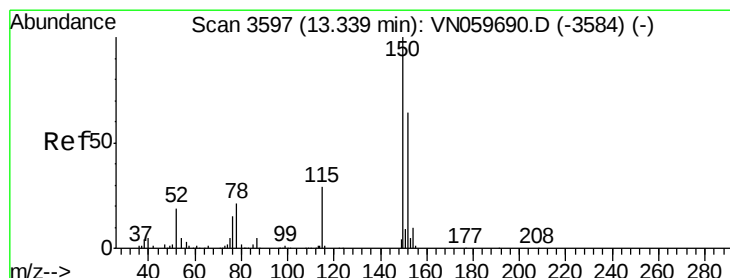
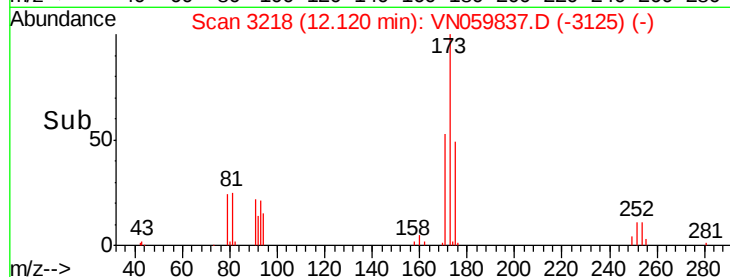
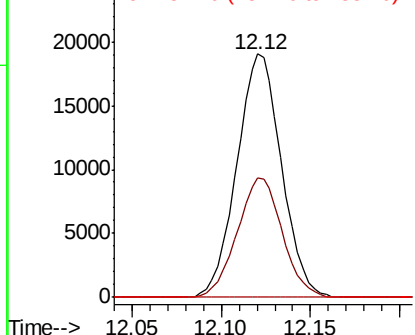
#71
Bromoform
Concen: 19.789 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 33171
Ion Ratio Lower Upper
173 100
175 49.6 23.8 71.4
254 0.0 0.0 0.0

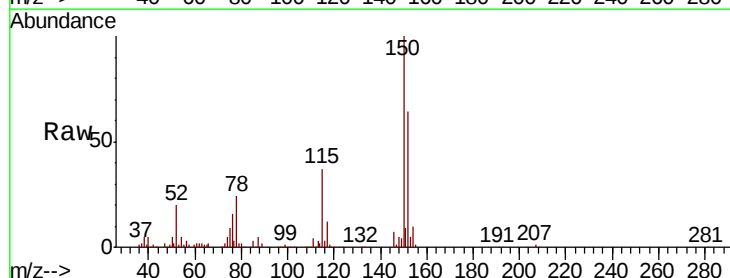


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

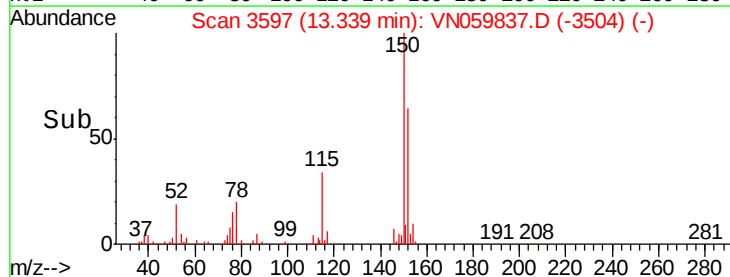
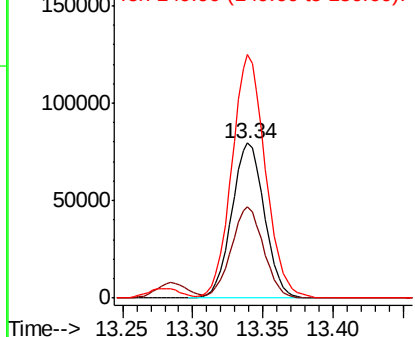


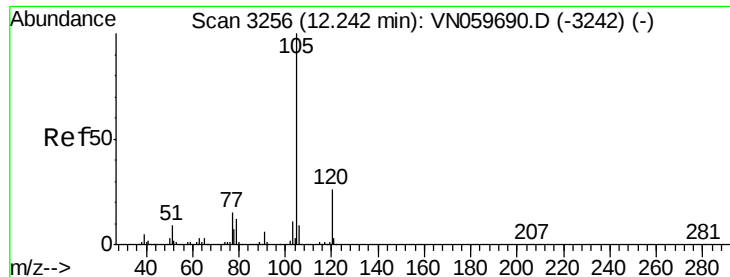
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:152 Resp: 129102
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 161.4 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: 19.889 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

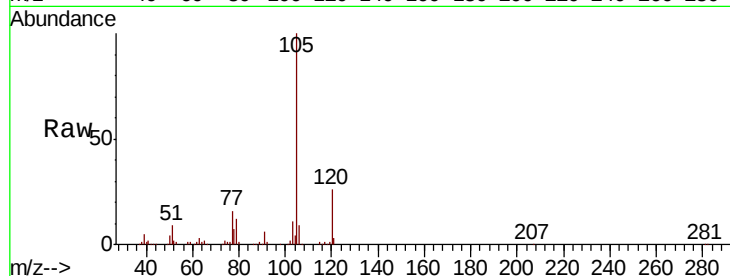
ClientSampled :

Tot Ion:105 Resp: 188310

Ion Ratio Lower Upper

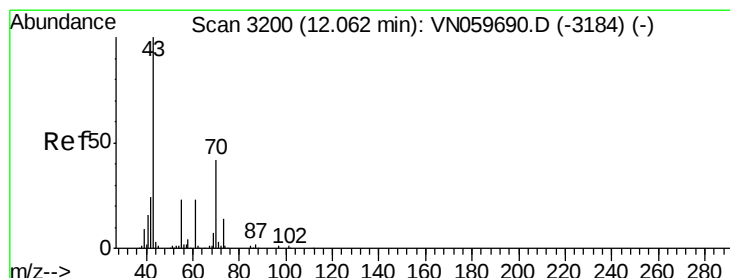
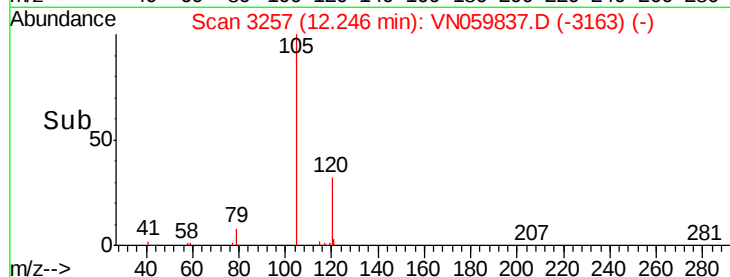
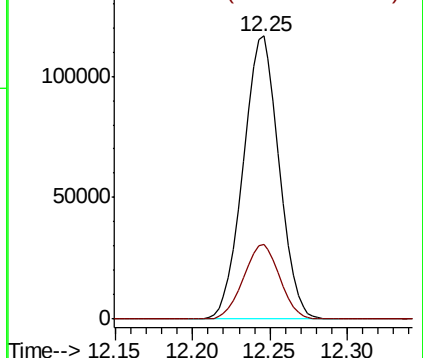
105 100

120 26.7 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: 17.743 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Tgt Ion: 43 Resp: 65187

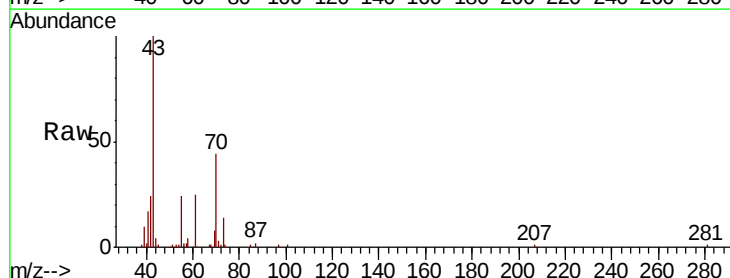
Ion Ratio Lower Upper

43 100

70 44.3 31.3 46.9

55 24.6 19.8 29.6

61 24.5 18.3 27.5

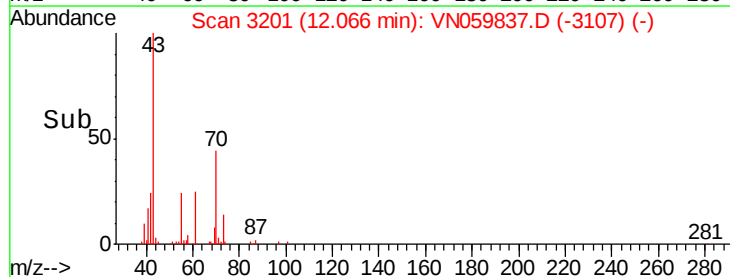
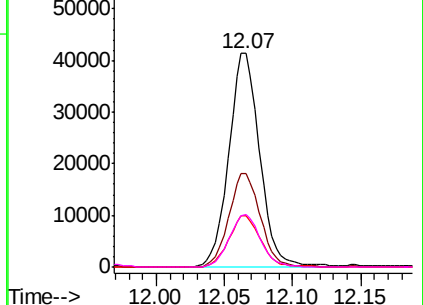


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.604 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

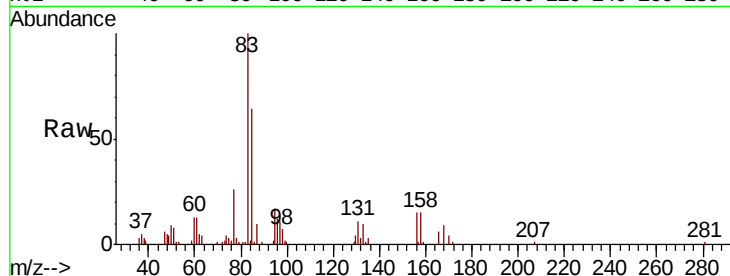
Tot Ion: 83 Resp: 53809

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 64.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059837.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059837.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059837.D (-3243) (-)

12.50

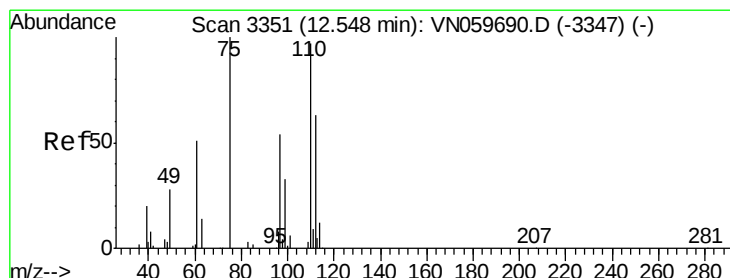
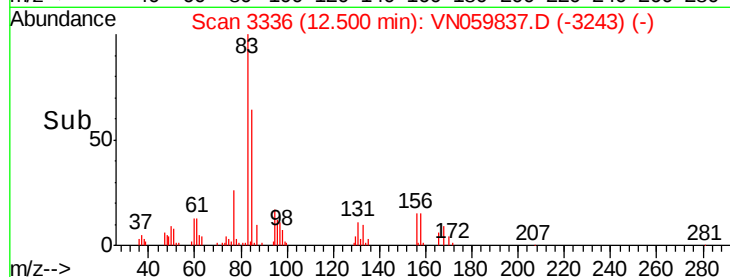
30000

20000

10000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.538 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059837.D

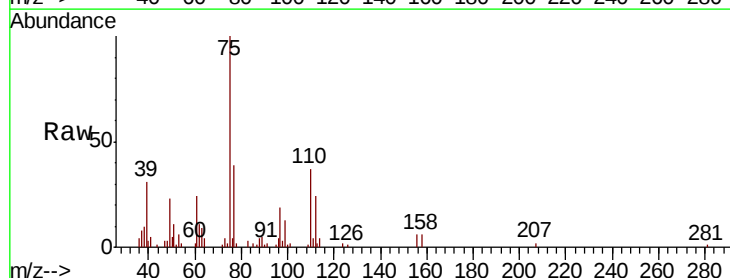
Acq: 24 Jan 2020 11:46

Tgt Ion: 75 Resp: 72866

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059837.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059837.D (-3258) (-)

12.55

50000

40000

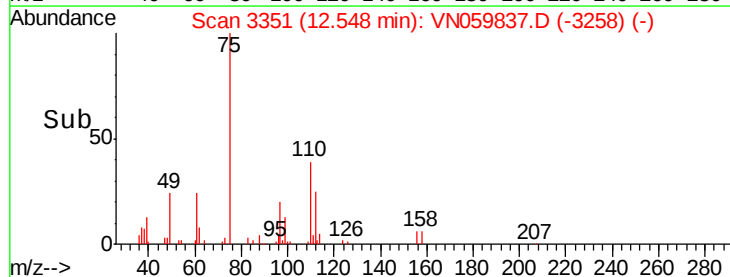
30000

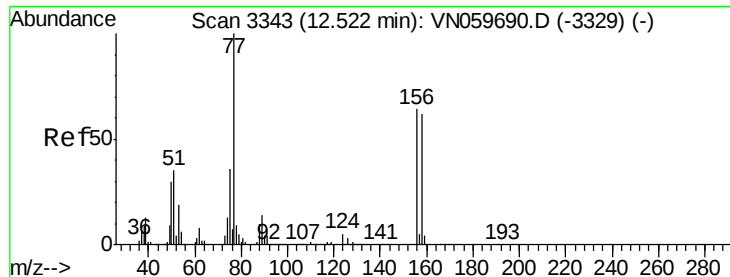
20000

10000

0

Time-->





#77

Bromobenzene

Concen: 20.270 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

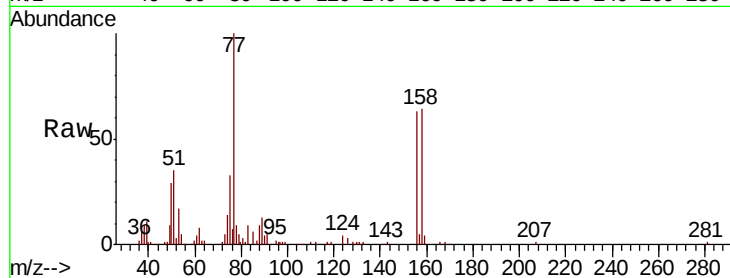
Tot Ion:156 Resp: 48602

Ion Ratio Lower Upper

156 100

77 189.6 115.8 347.4

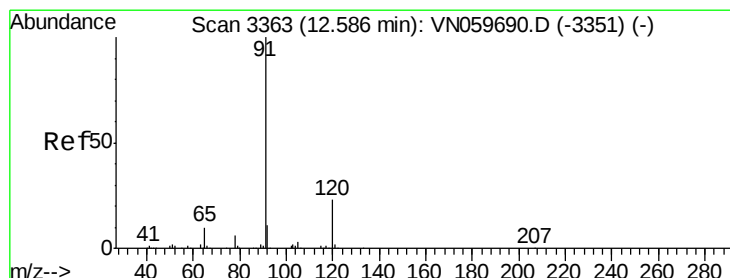
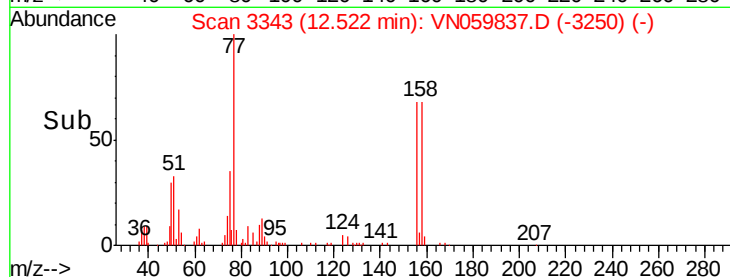
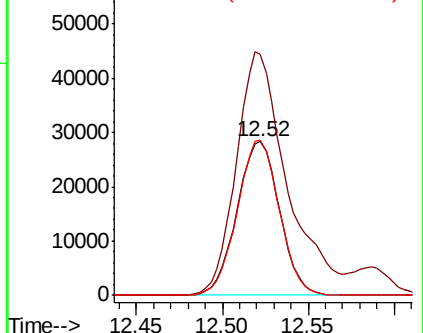
158 99.5 49.2 147.6



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: 19.531 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059837.D

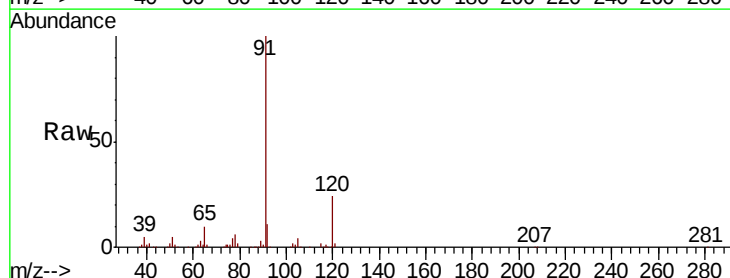
Acq: 24 Jan 2020 11:46

Tgt Ion: 91 Resp: 207558

Ion Ratio Lower Upper

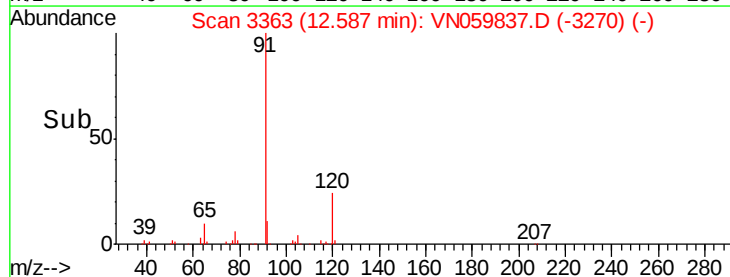
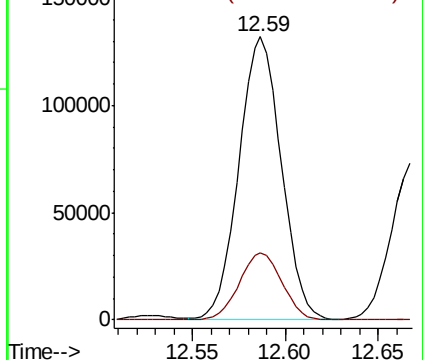
91 100

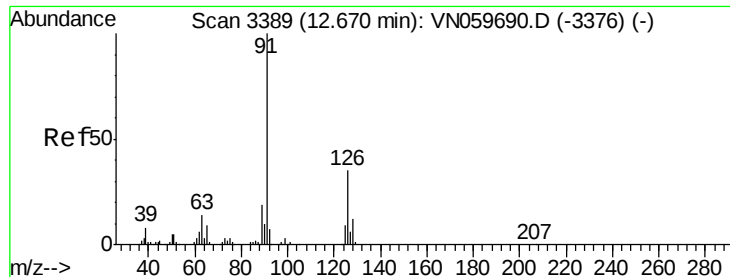
120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

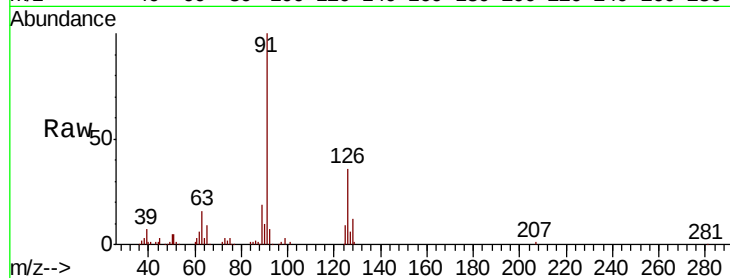




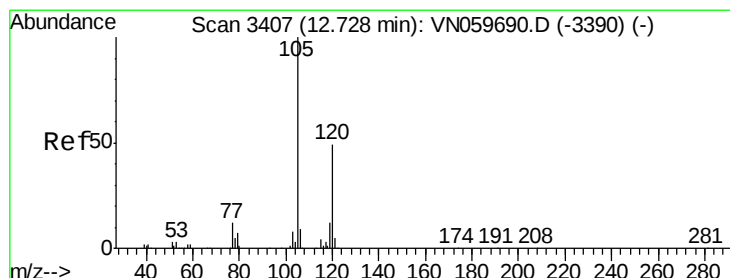
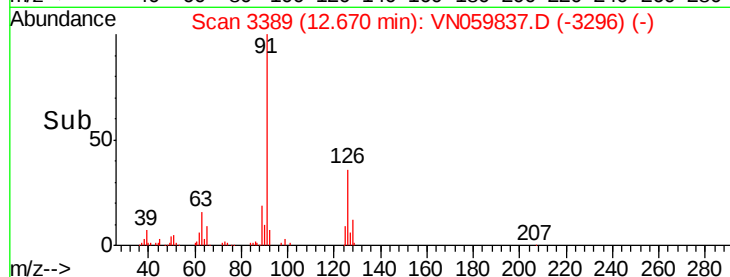
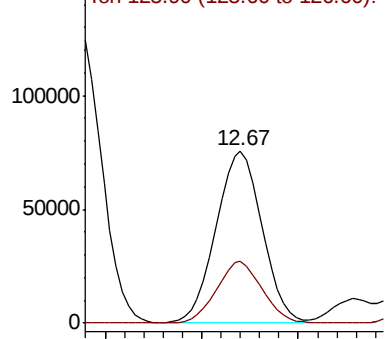
#79
2-Chlorotoluene
Concen: 19.695 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 124513
Ion Ratio Lower Upper
91 100
126 35.7 16.3 48.9

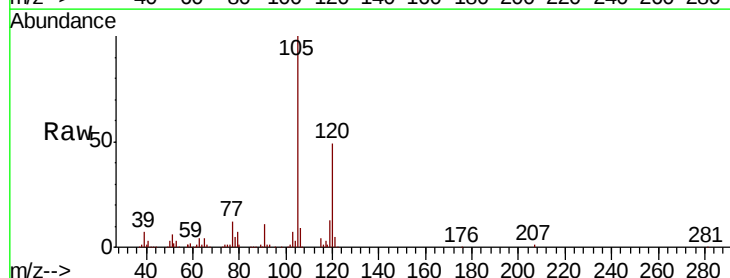


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

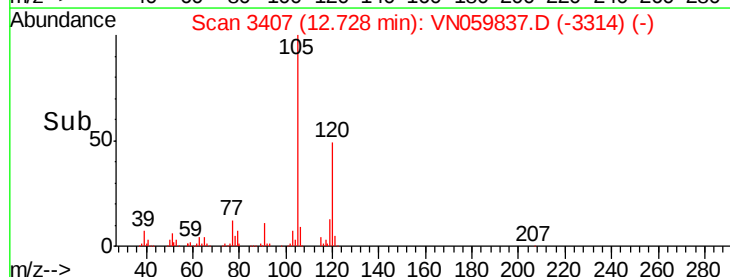
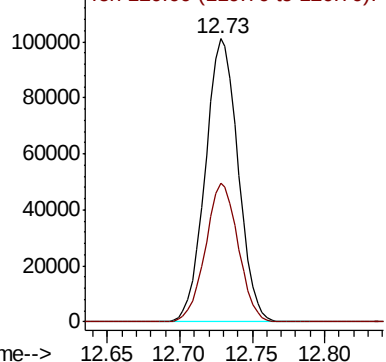


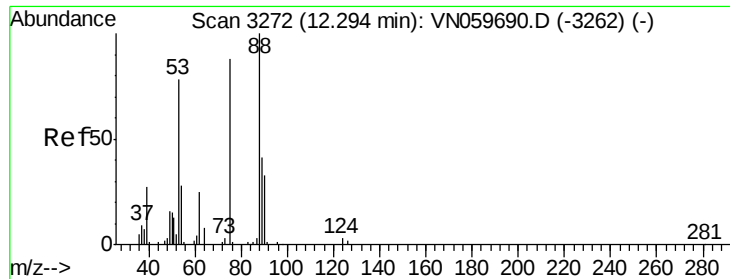
#80
1,3,5-Trimethylbenzene
Concen: 19.865 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:105 Resp: 158182
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4



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

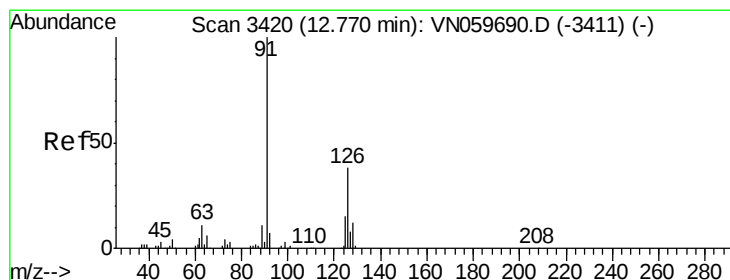
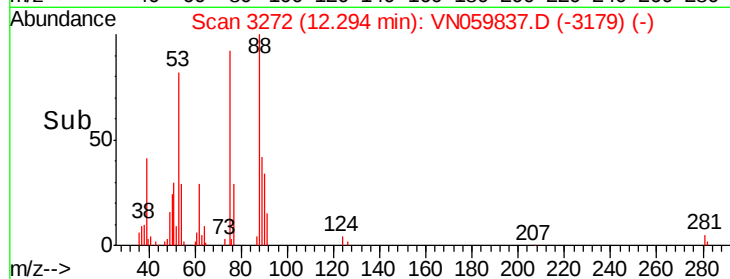
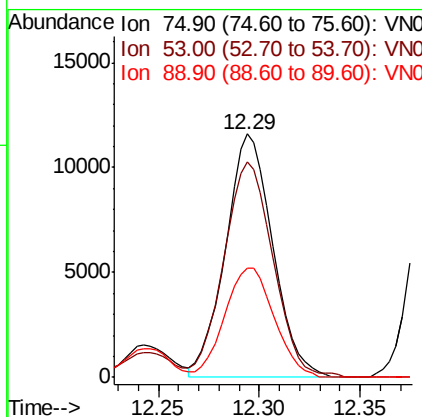
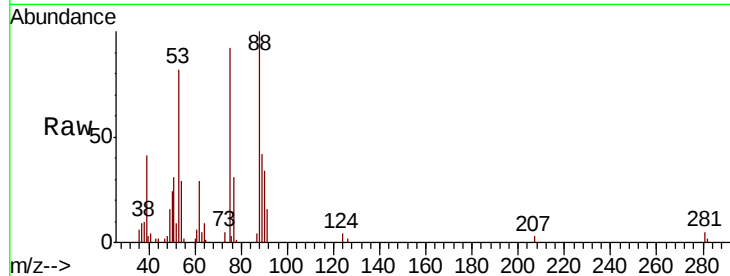




#81
trans-1,4-Dichloro-2-butene
Concen: 18.775 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

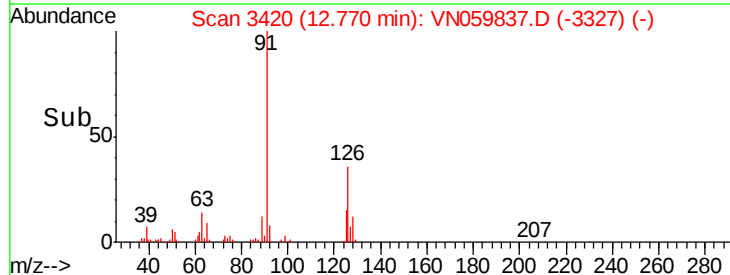
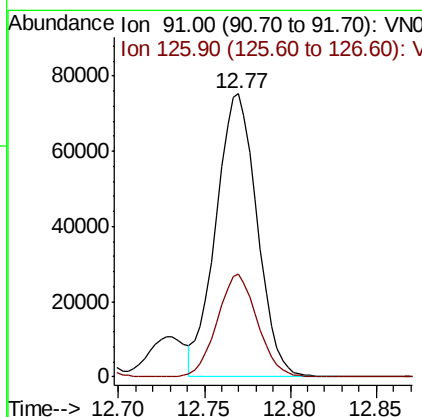
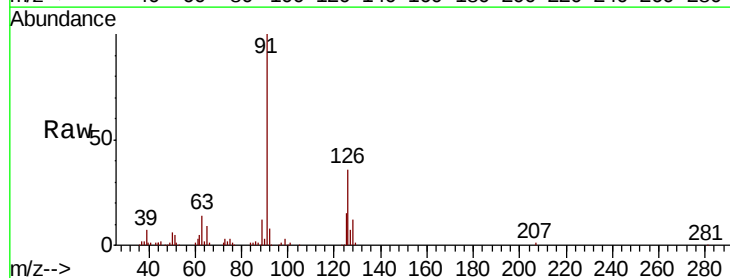
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 18995
Ion Ratio Lower Upper
75 100
53 92.2 78.1 117.1
89 47.2 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.760 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 91 Resp: 125301
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

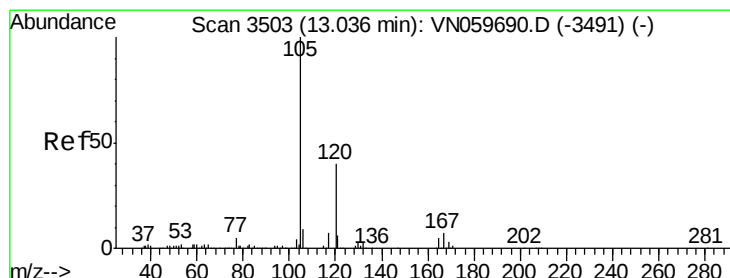
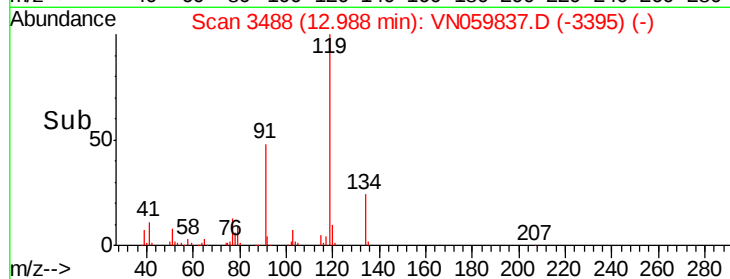
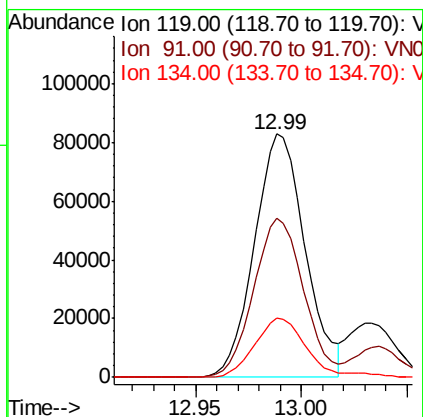
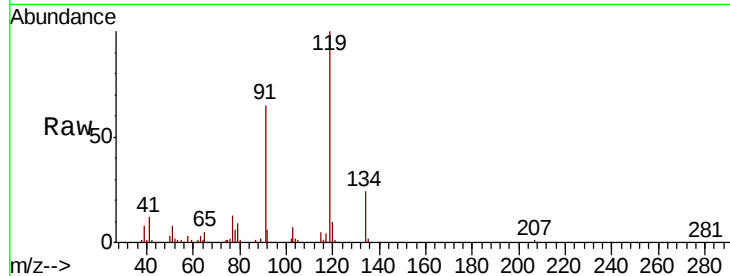




#83
tert-Butylbenzene
Concen: 20.162 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

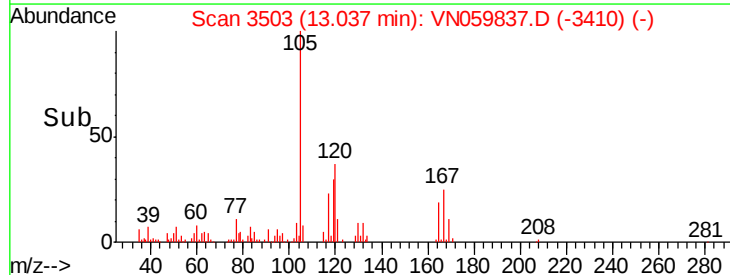
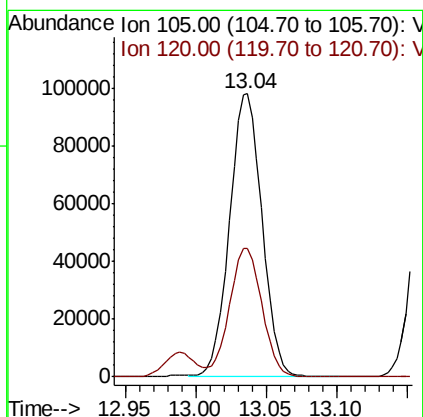
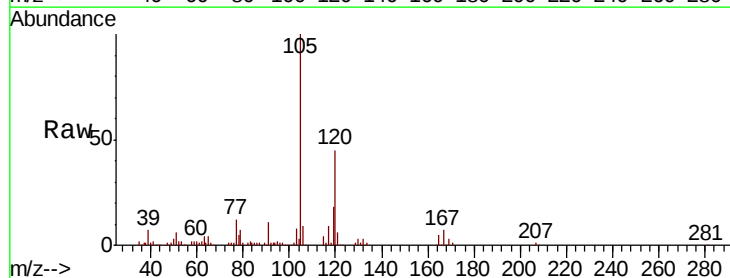
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 138851
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 25.0 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 20.087 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:105 Resp: 158242
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9

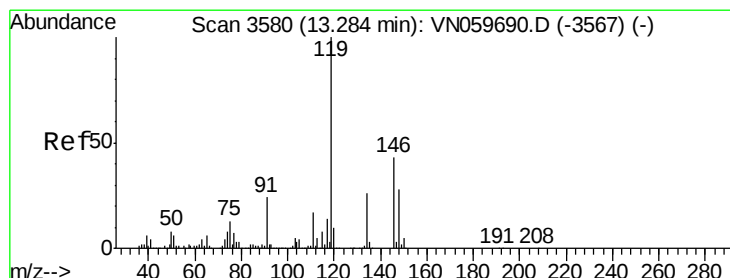
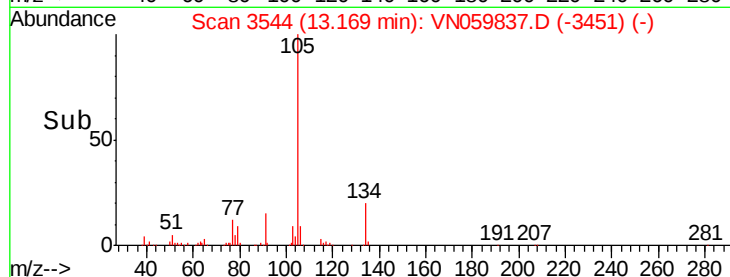
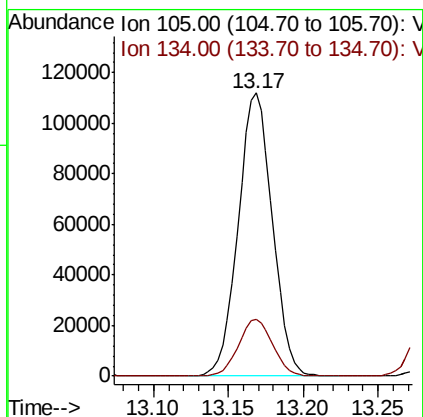
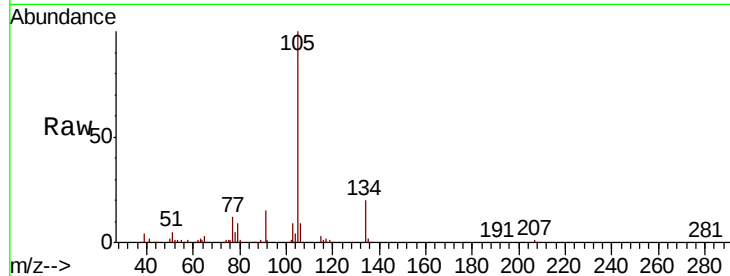




#85
 sec-Butylbenzene
 Concen: 19.661 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

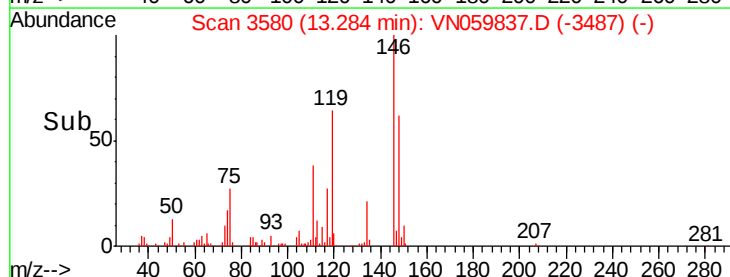
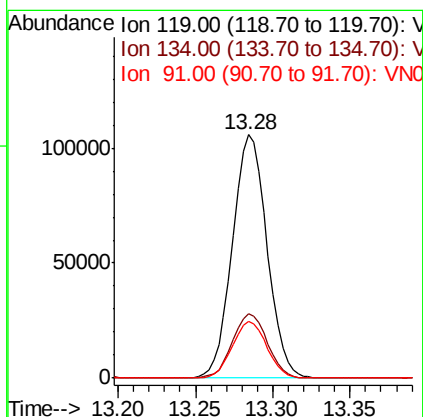
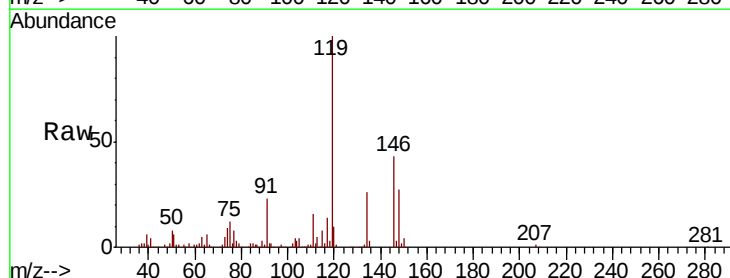
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:105 Resp: 177900
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.608 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion:119 Resp: 164161
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.374 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

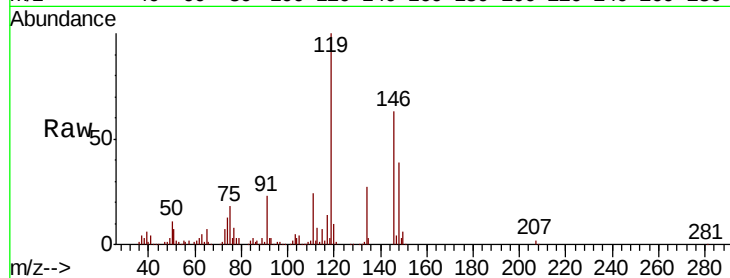
Tot Ion:146 Resp: 84856

Ion Ratio Lower Upper

146 100

111 38.6 20.8 62.2

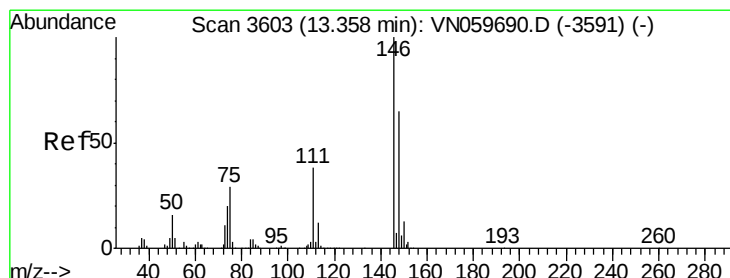
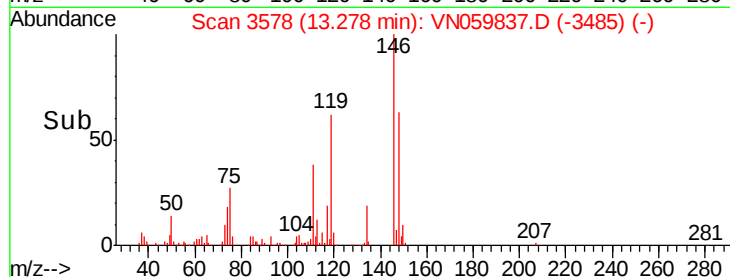
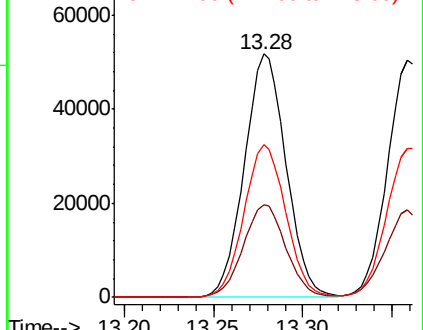
148 62.9 32.0 96.0



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: 20.232 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

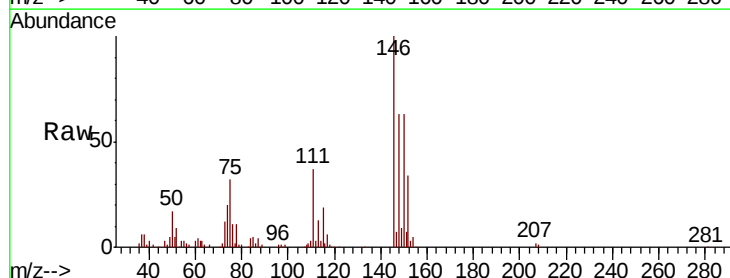
Tgt Ion:146 Resp: 84064

Ion Ratio Lower Upper

146 100

111 38.0 20.8 62.2

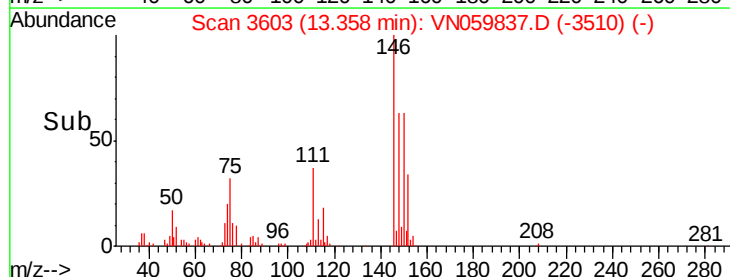
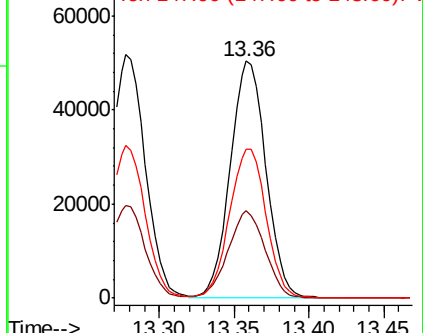
148 64.5 31.8 95.4



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

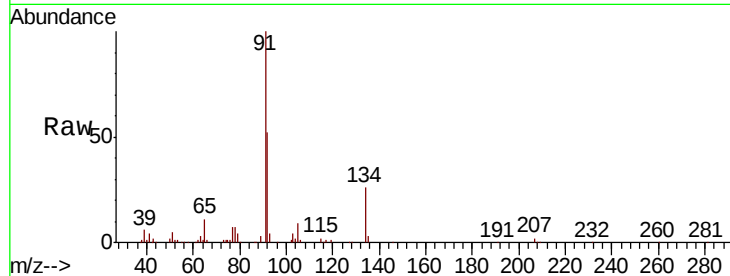




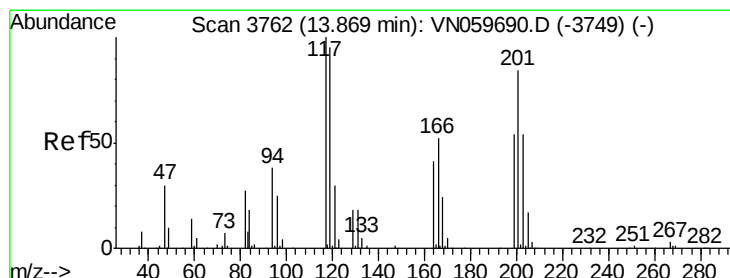
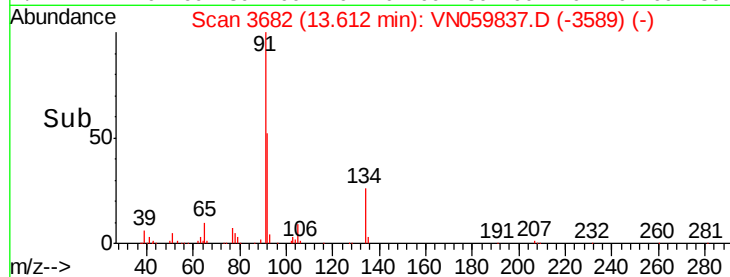
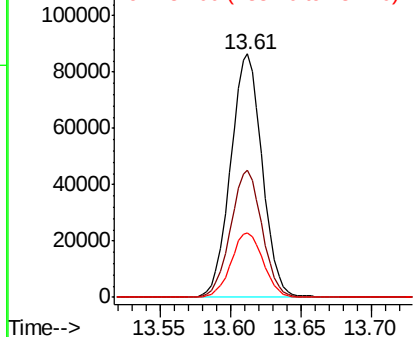
#89
n-Butylbenzene
Concen: 18.915 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 135027
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.7
134 27.1 12.3 36.8

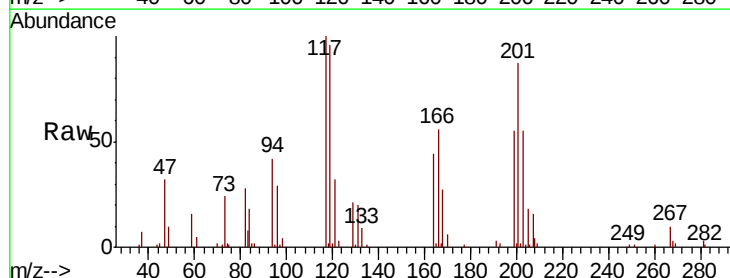


Abundance Ion 91.00 (90.70 to 91.70): VN059837.D (-3669) (-)
Ion 92.00 (91.70 to 92.70): VN059837.D (-3670) (-)
Ion 134.00 (133.70 to 134.70): VN059837.D (-3671) (-)

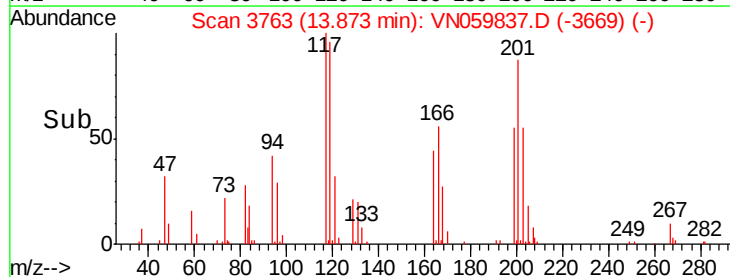
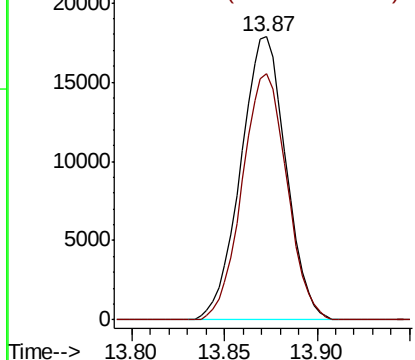


#90
Hexachloroethane
Concen: 19.311 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion: 117 Resp: 30250
Ion Ratio Lower Upper
117 100
201 85.9 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059837.D (-3669) (-)
Ion 200.70 (200.40 to 201.40): VN059837.D (-3670) (-)

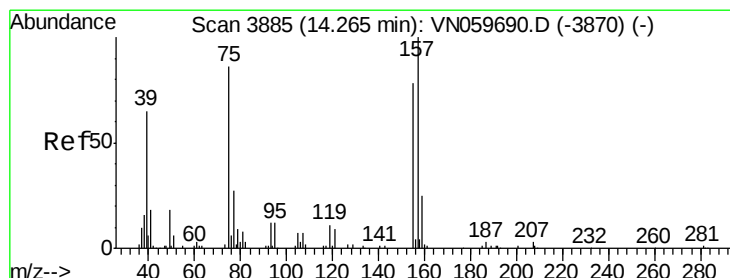
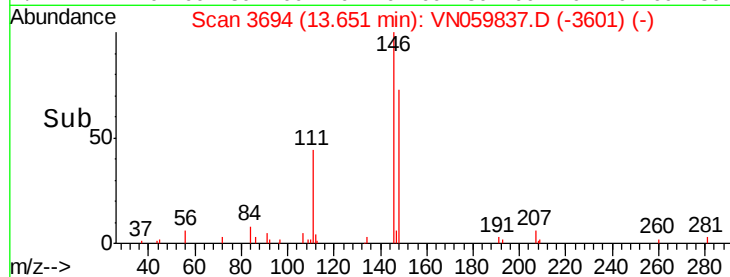
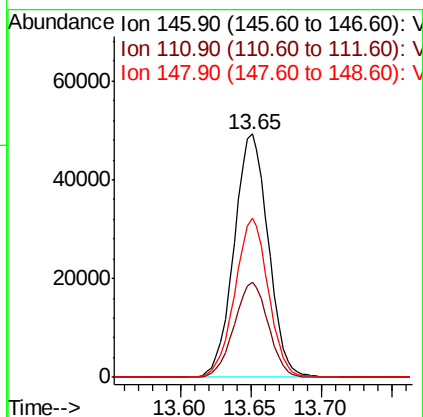
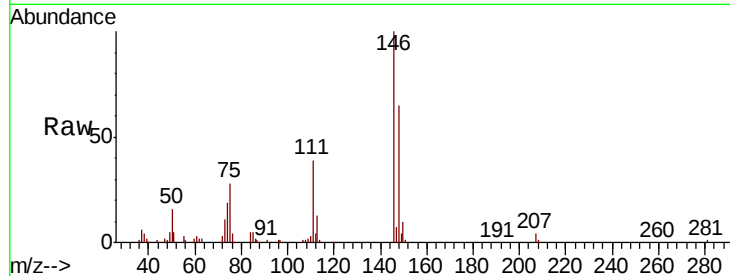




#91
 1,2-Dichlorobenzene
 Concen: 20.356 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

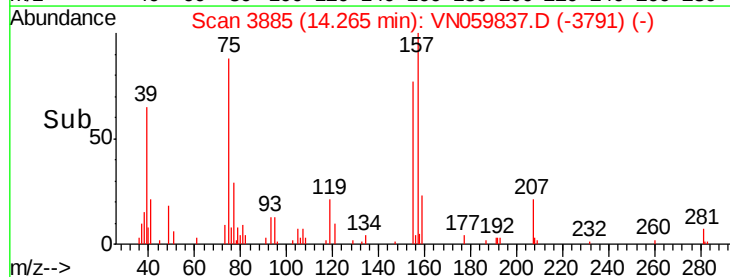
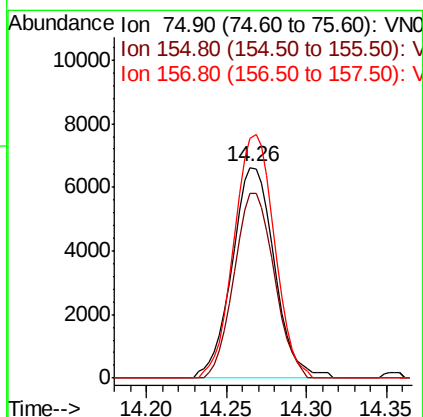
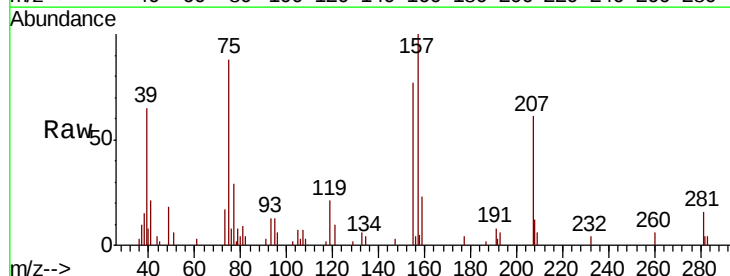
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.990 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059837.D
 Acq: 24 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	37.0	110.9
157	110.4	48.4	145.2





#93

1,2,4-Trichlorobenzene

Concen: 19.564 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

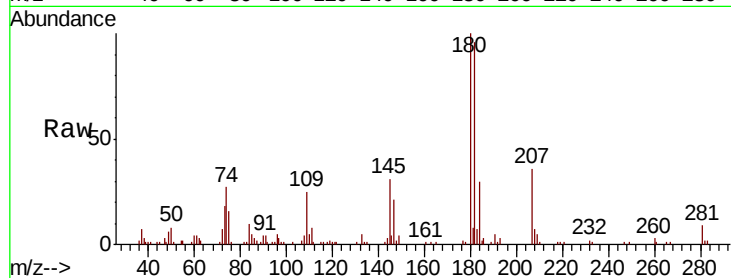
Tot Ion:180 Resp: 48405

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.7

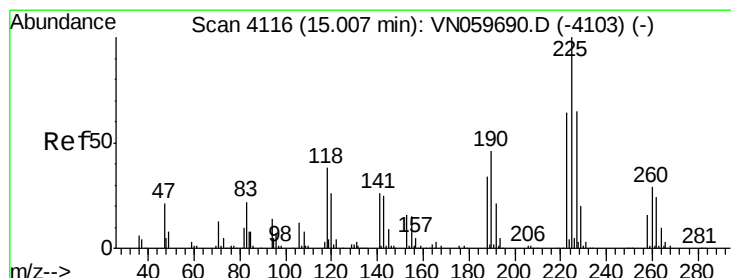
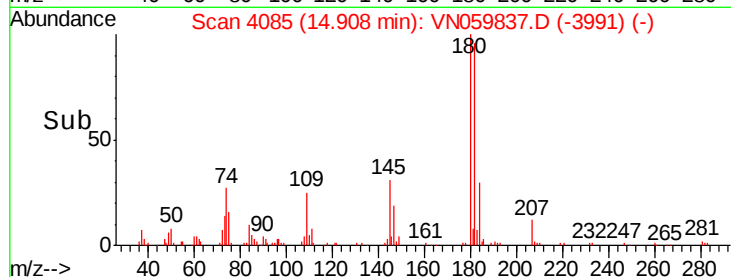
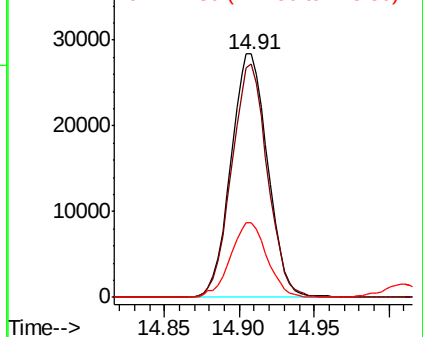
145 30.4 15.0 45.1



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: 19.586 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059837.D

Acq: 24 Jan 2020 11:46

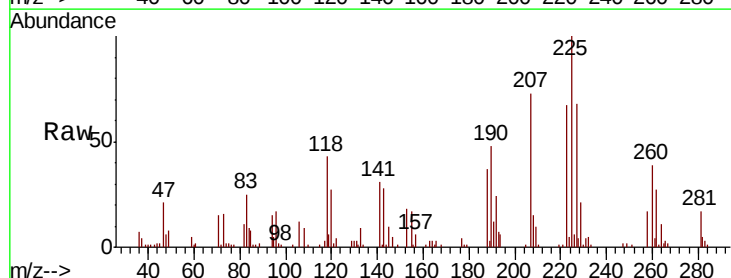
Tgt Ion:225 Resp: 26704

Ion Ratio Lower Upper

225 100

223 64.8 31.8 95.3

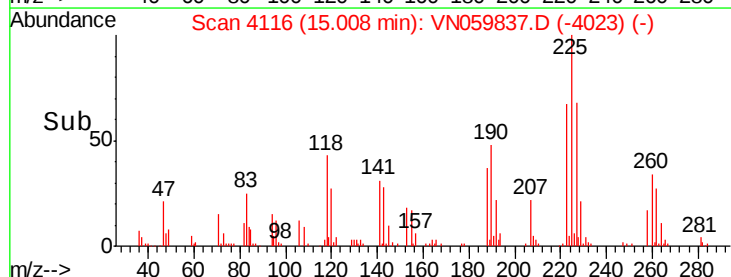
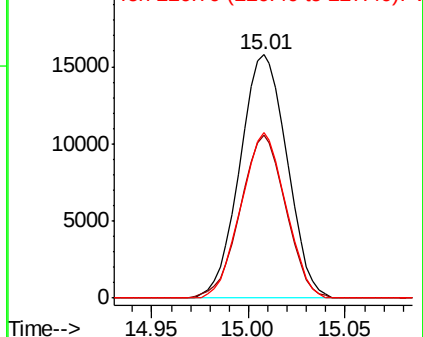
227 64.8 32.1 96.5

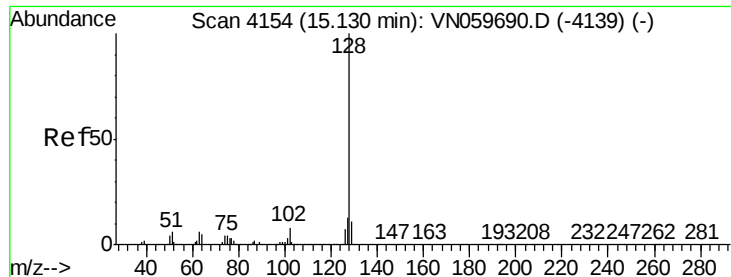


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

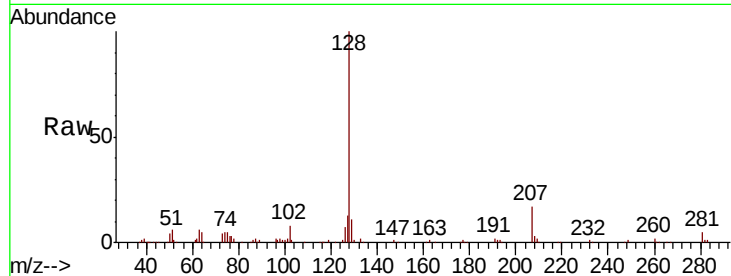




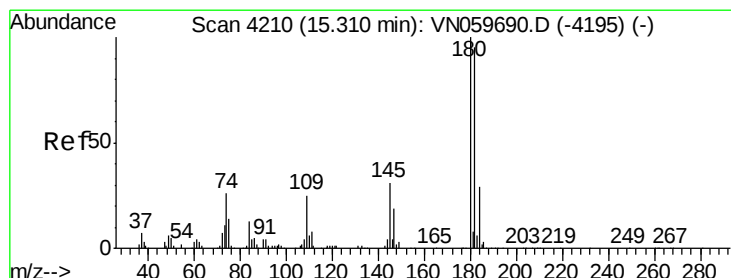
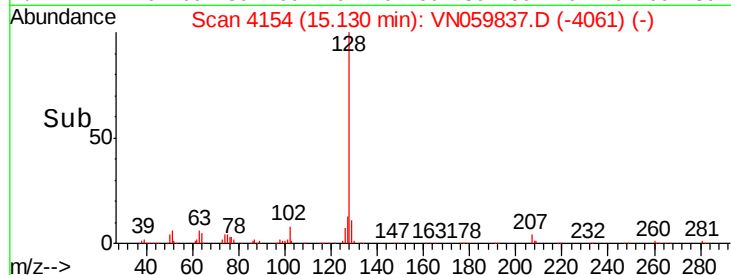
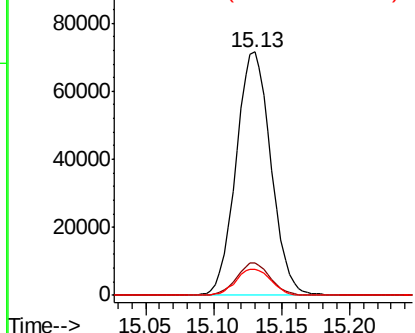
#95
Naphthalene
Concen: 18.065 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 127128
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8

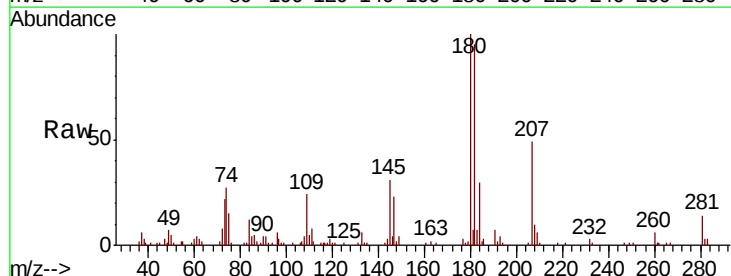


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.792 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059837.D
Acq: 24 Jan 2020 11:46

Tgt Ion:180 Resp: 47665
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 30.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

