

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059811.D
 Acq On : 21 Jan 2020 15:56
 Operator : JC/MD
 Sample : VN0121MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 02:46:37 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	183900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	280429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118927	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	86817	42.51	ug/l	0.00
Spiked Amount						
			Recovery	=	85.02%	
35) Dibromofluoromethane	7.56	113	75325	45.04	ug/l	0.00
Spiked Amount						
			Recovery	=	90.08%	
50) Toluene-d8	10.08	98	284876	43.97	ug/l	0.00
Spiked Amount						
			Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.40	95	99697	42.68	ug/l	0.00
Spiked Amount						
			Recovery	=	85.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	50706	23.105	ug/l	98
3) Chloromethane	2.04	50	45634	21.675	ug/l	99
4) Vinyl Chloride	2.17	62	57505	23.871	ug/l	96
5) Bromomethane	2.54	94	37301	25.373	ug/l	97
6) Chloroethane	2.68	64	27001	23.692	ug/l	98
7) Trichlorofluoromethane	3.00	101	69568	24.047	ug/l	98
8) Diethyl Ether	3.38	74	24609	24.239	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40417	25.101	ug/l	90
10) Methyl Iodide	3.93	142	60019	23.061	ug/l	94
11) Tert butyl alcohol	4.72	59	36908	107.352	ug/l	99
12) 1,1-Dichloroethene	3.72	96	39141	23.264	ug/l	87
13) Acrolein	3.57	56	20068	82.459	ug/l	98
14) Allyl chloride	4.29	41	53088	23.410	ug/l #	88
15) Acrylonitrile	4.94	53	87713	111.844	ug/l	99
16) Acetone	3.78	43	77841	105.985	ug/l	95
17) Carbon Disulfide	4.03	76	105765	22.067	ug/l	99
18) Methyl Acetate	4.28	43	53737	22.527	ug/l #	78
19) Methyl tert-butyl Ether	5.00	73	129999	23.698	ug/l	96
20) Methylene Chloride	4.52	84	44697	23.505	ug/l	85
21) trans-1,2-Dichloroethene	5.01	96	42144	23.564	ug/l	87
22) Diisopropyl ether	5.91	45	118202	23.000	ug/l #	96
23) Vinyl Acetate	5.86	43	449435	112.951	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	73610	23.441	ug/l	97
25) 2-Butanone	6.80	43	112515	97.288	ug/l #	87
26) 2,2-Dichloropropane	6.79	77	71679	23.743	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	50037	24.325	ug/l	86
28) Bromochloromethane	7.17	49	20784	16.560	ug/l #	72
29) Tetrahydrofuran	7.18	42	73728	103.035	ug/l #	85
30) Chloroform	7.34	83	78467	24.117	ug/l	99
31) Cyclohexane	7.63	56	66326	21.950	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	72052	23.951	ug/l	96
36) 1,1-Dichloropropene	7.77	75	58056	23.773	ug/l	95
37) Ethyl Acetate	6.89	43	48172	21.032	ug/l	96
38) Carbon Tetrachloride	7.75	117	64112	24.134	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	71868	23.867	ug/l	91
40) Benzene	8.02	78	171985	23.614	ug/l	99
41) Methacrylonitrile	7.18	41	69108	61.256	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	59692	24.173	ug/l	96
43) Isopropyl Acetate	8.14	43	85659	21.743	ug/l #	94
44) Trichloroethene	8.81	130	49645	24.969	ug/l	90
45) 1,2-Dichloropropane	9.10	63	43594	24.189	ug/l	98
46) Dibromomethane	9.19	93	30622	24.087	ug/l #	89
47) Bromodichloromethane	9.38	83	63189	24.665	ug/l	100
48) Methyl methacrylate	9.18	41	36644	20.794	ug/l #	89
49) 1,4-Dioxane	9.18	88	15650	485.125	ug/l #	87
51) 4-Methyl-2-Pentanone	9.97	43	241221	105.919	ug/l	95
52) Toluene	10.14	92	111999	24.346	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	68150	23.824	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74334	24.697	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	43753	24.013	ug/l	98
56) Ethyl methacrylate	10.42	69	60605	21.769	ug/l	93
57) 1,3-Dichloropropane	10.70	76	70103	24.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	70406	83.960	ug/l	91
59) 2-Hexanone	10.74	43	172548	102.843	ug/l	93
60) Dibromochloromethane	10.89	129	51244	24.698	ug/l	100
61) 1,2-Dibromoethane	10.99	107	45694	23.927	ug/l	100
64) Tetrachloroethene	10.62	164	49116	23.814	ug/l	97
65) Chlorobenzene	11.43	112	120867	24.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	48949	25.468	ug/l	97
67) Ethyl Benzene	11.50	91	217048	24.038	ug/l	96
68) m/p-Xylenes	11.61	106	164472	48.221	ug/l	94
69) o-Xylene	11.94	106	79905	23.929	ug/l	94
70) Styrene	11.96	104	130959	23.437	ug/l	96
71) Bromoform	12.12	173	37207	24.168	ug/l #	96
73) Isopropylbenzene	12.24	105	216569	24.830	ug/l	100
74) N-amyl acetate	12.06	43	72356	21.379	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	58560	23.160	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	78654	39.299	ug/l #	100
77) Bromobenzene	12.52	156	56012	25.359	ug/l	78
78) n-propylbenzene	12.59	91	238621	24.375	ug/l	97
79) 2-Chlorotoluene	12.67	91	141711	24.333	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	179380	24.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21391	22.952	ug/l	93
82) 4-Chlorotoluene	12.77	91	144949	24.814	ug/l	96
83) tert-Butylbenzene	12.99	119	155735	24.548	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	178040	24.534	ug/l	98
85) sec-Butylbenzene	13.17	105	204639	24.551	ug/l	99
86) p-Isopropyltoluene	13.28	119	187549	24.318	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	95078	24.781	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	94931	24.802	ug/l	98
89) n-Butylbenzene	13.61	91	160087	24.344	ug/l	98
90) Hexachloroethane	13.87	117	34869	24.164	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	92358	24.349	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12368	21.603	ug/l	86

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55184	24.212	ug/l	99
94) Hexachlorobutadiene	15.01	225	30891	24.595	ug/l	99
95) Naphthalene	15.13	128	138853	21.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51949	23.417	ug/l	100

(#) = 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: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

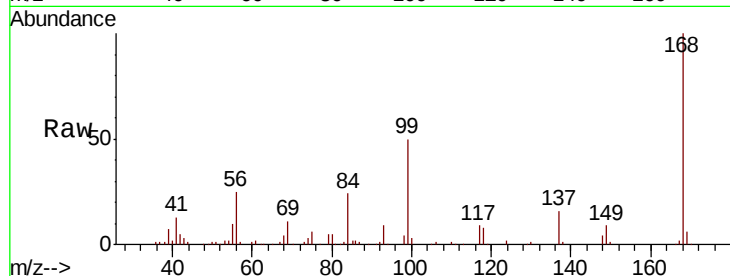
ClientSampled :

Tot Ion:168 Resp: 183900

Ion Ratio Lower Upper

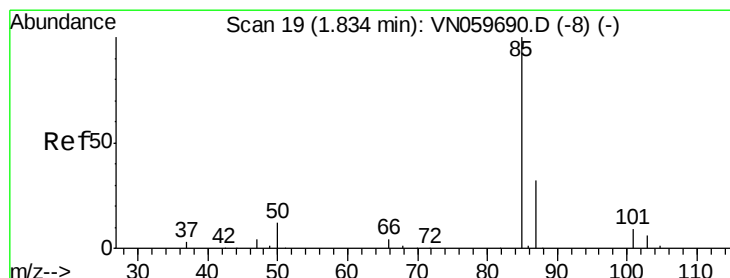
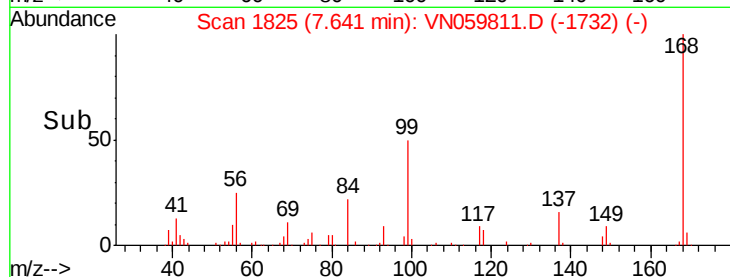
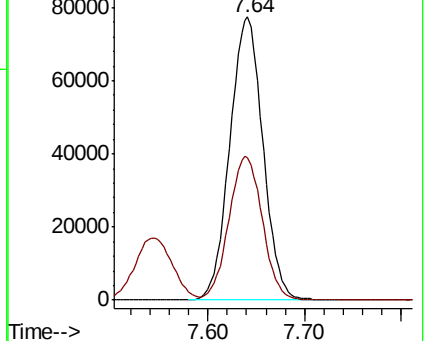
168 100

99 50.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 23.105 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059811.D

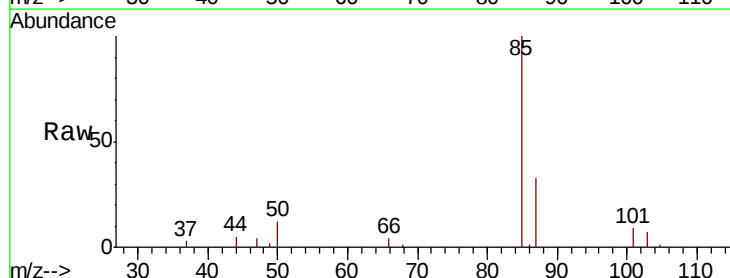
Acq: 21 Jan 2020 15:56

Tgt Ion: 85 Resp: 50706

Ion Ratio Lower Upper

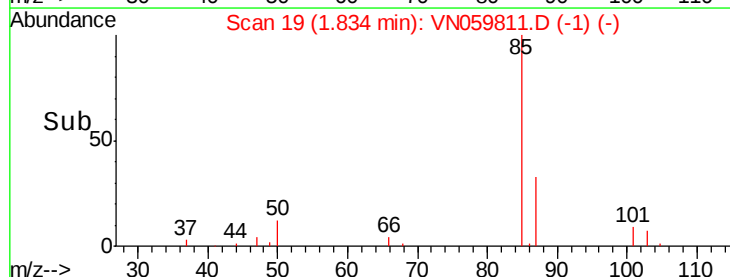
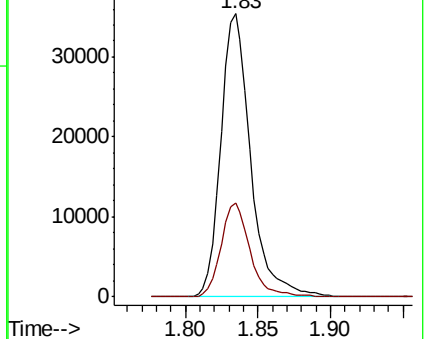
85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

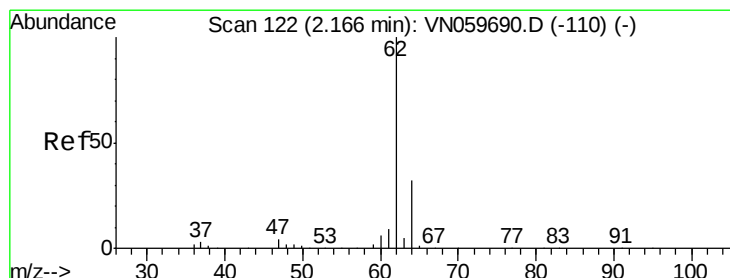
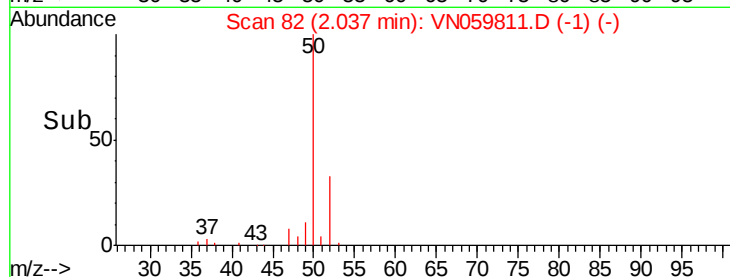
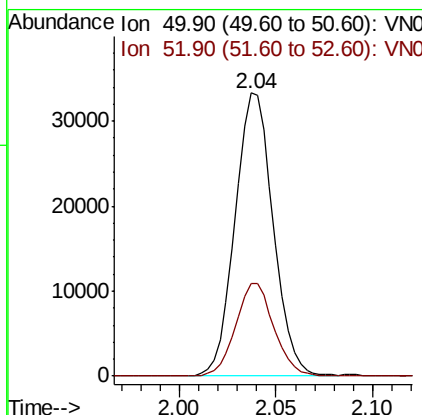
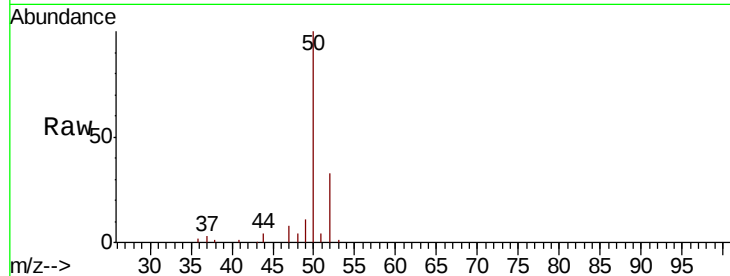




#3
Chloromethane
Concen: 21.675 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

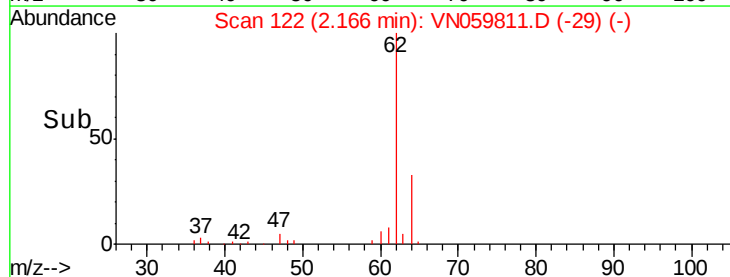
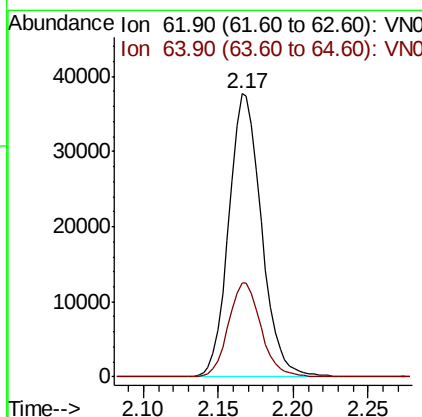
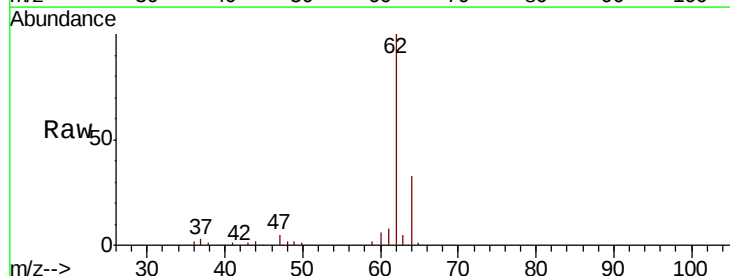
Instrument :
MSVOA_N
ClientSampleId :

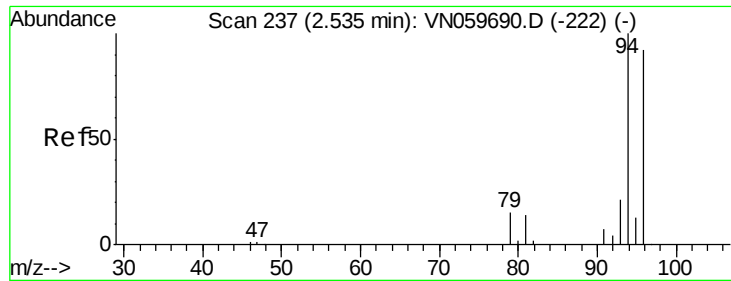
Tot Ion: 50 Resp: 45634
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 23.871 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 62 Resp: 57505
Ion Ratio Lower Upper
62 100
64 33.1 24.6 37.0

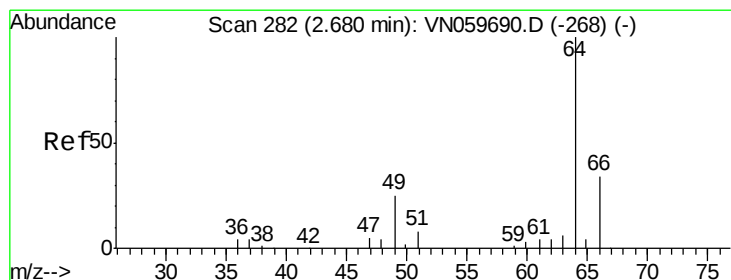
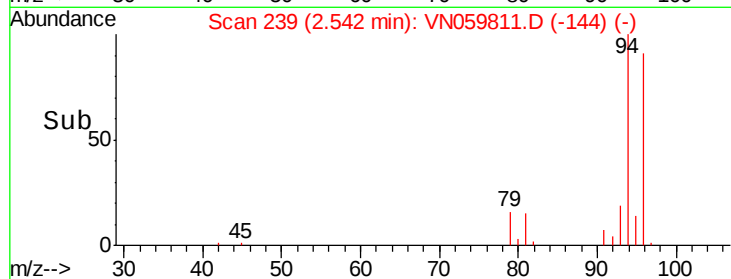
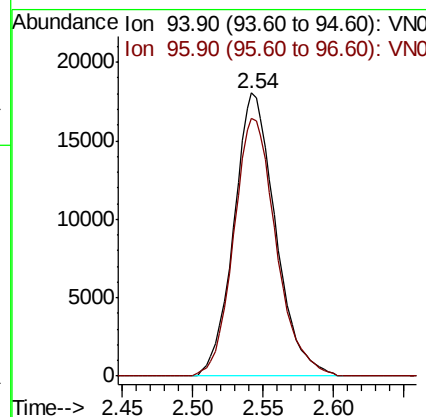
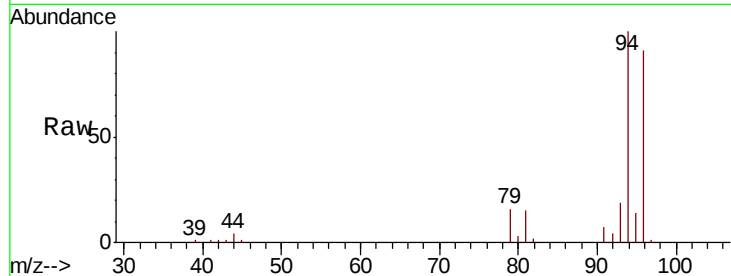




#5
Bromomethane
Concen: 25.373 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

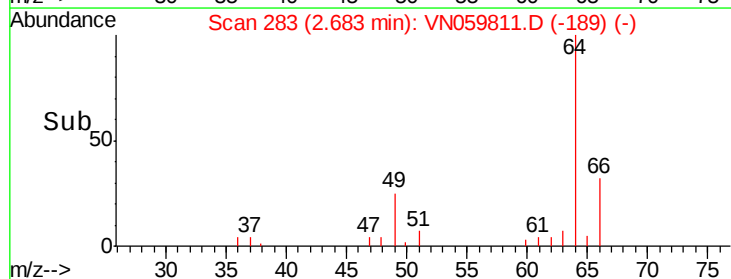
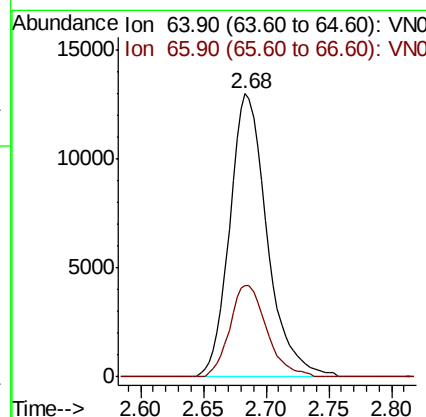
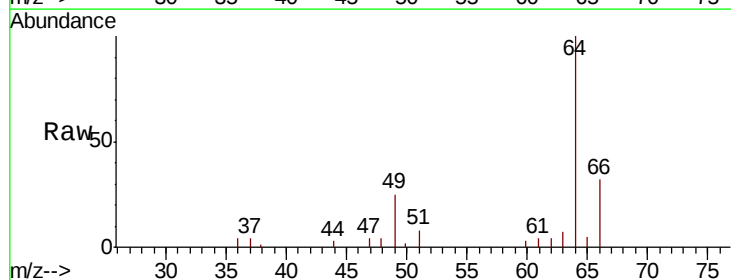
Instrument :
MSVOA_N
ClientSampleId :

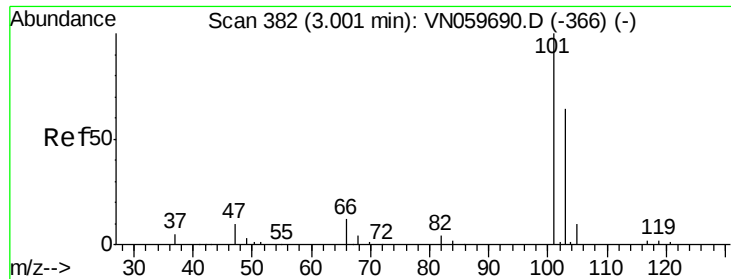
Tot Ion: 94 Resp: 37301
Ion Ratio Lower Upper
94 100
96 90.9 74.7 112.1



#6
Chloroethane
Concen: 23.692 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 64 Resp: 27001
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7



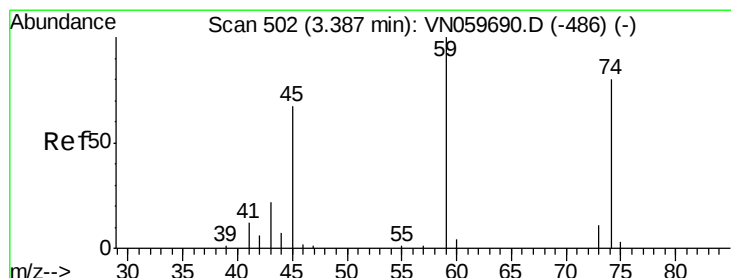
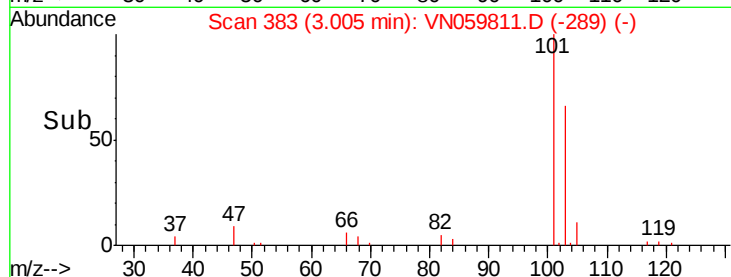
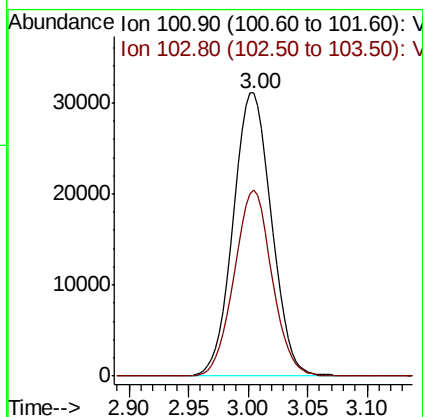
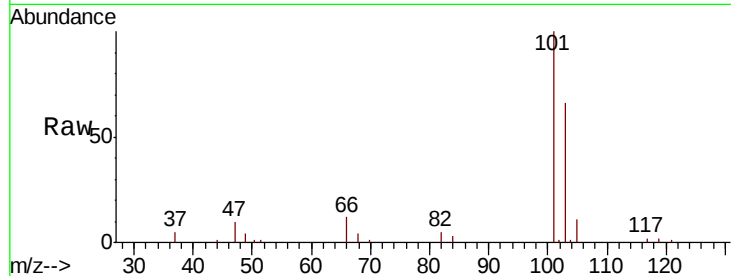


#7

Trichlorofluoromethane
Concen: 24.047 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

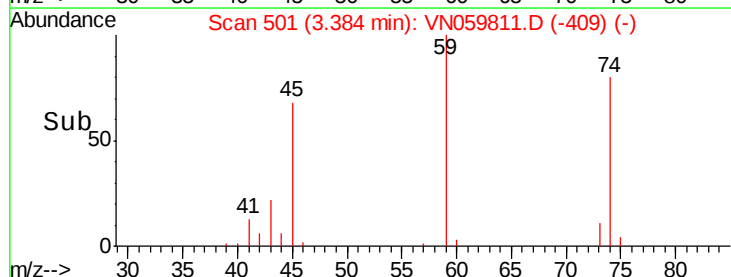
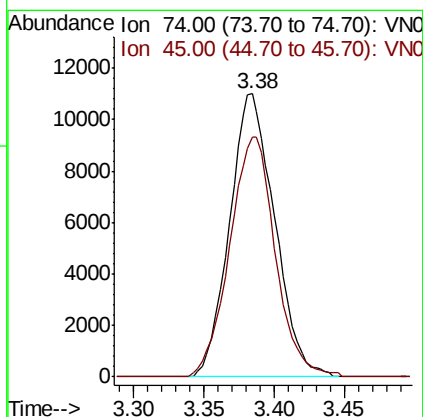
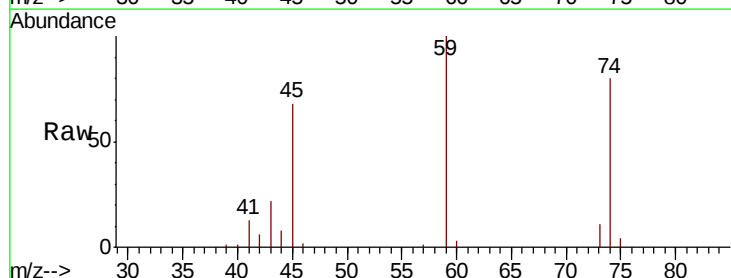
Tot Ion:101 Resp: 69568
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6



#8

Diethyl Ether
Concen: 24.239 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 74 Resp: 24609
Ion Ratio Lower Upper
74 100
45 85.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.101 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

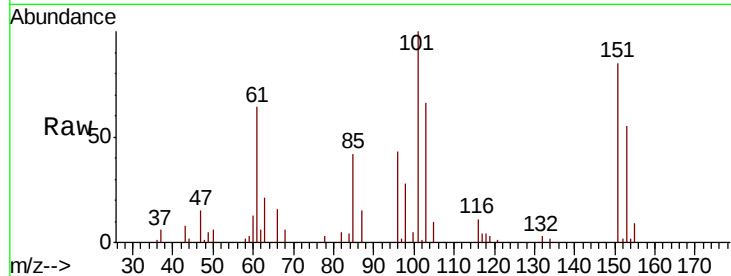
Tot Ion:101 Resp: 40417

Ion Ratio Lower Upper

101 100

85 44.9 36.6 54.8

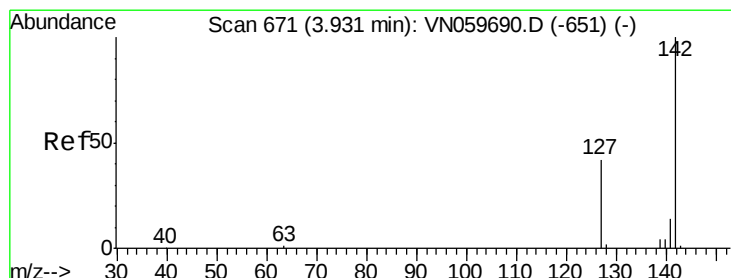
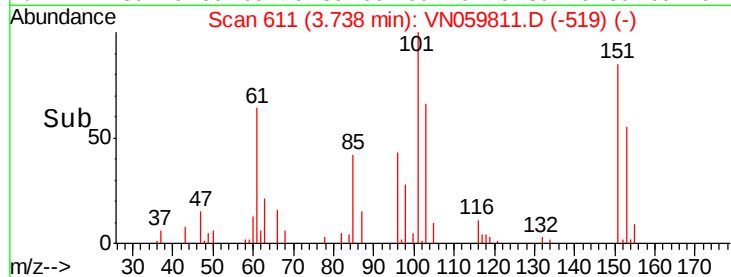
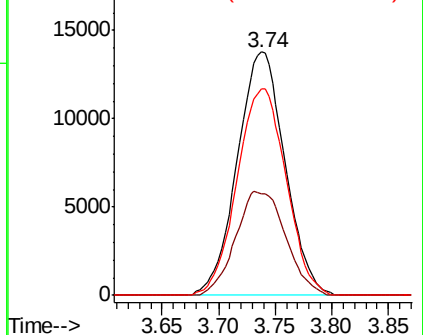
151 87.1 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.061 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

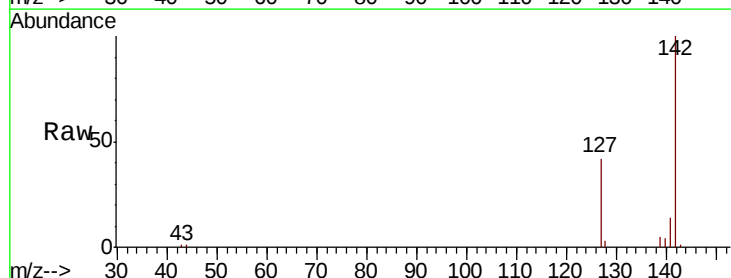
Tgt Ion:142 Resp: 60019

Ion Ratio Lower Upper

142 100

127 40.9 36.7 55.1

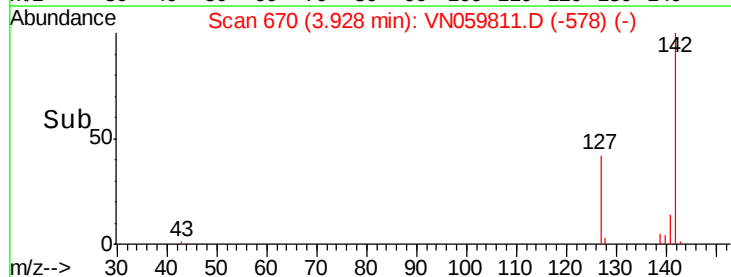
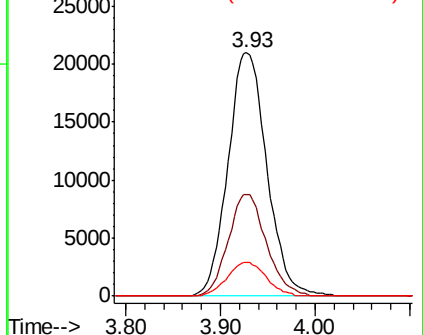
141 13.9 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

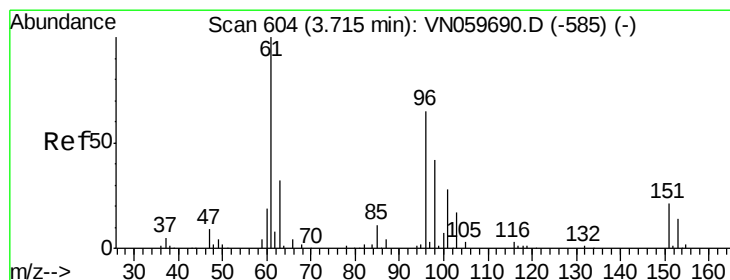
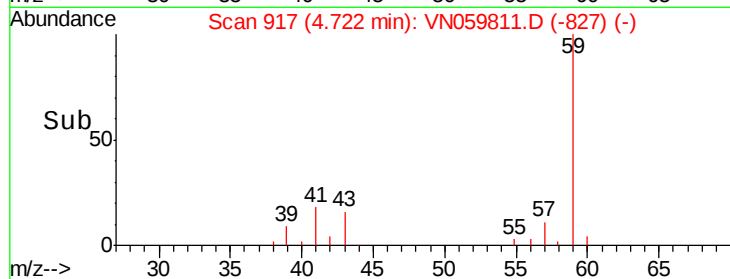
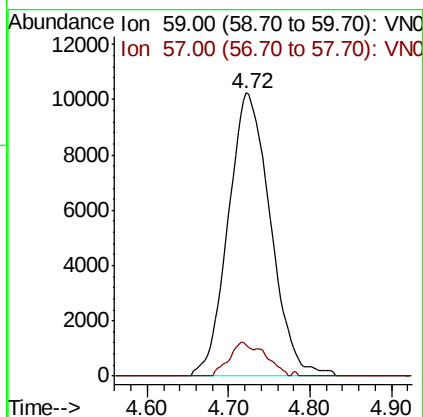
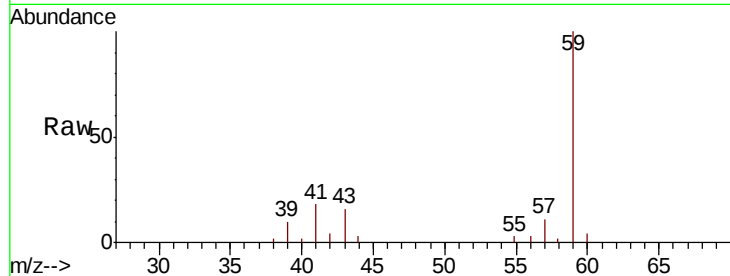




#11
Tert butyl alcohol
Concen: 107.352 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

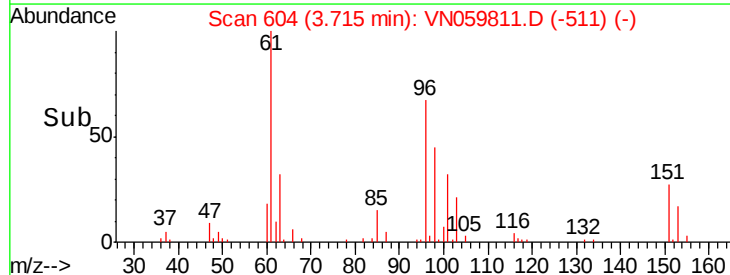
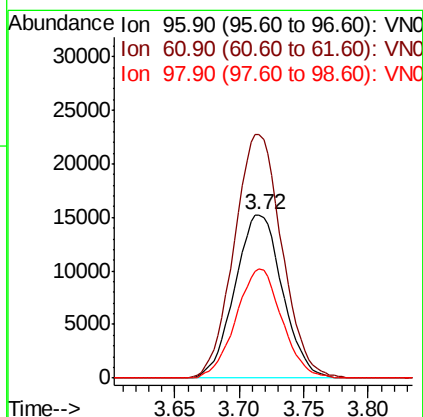
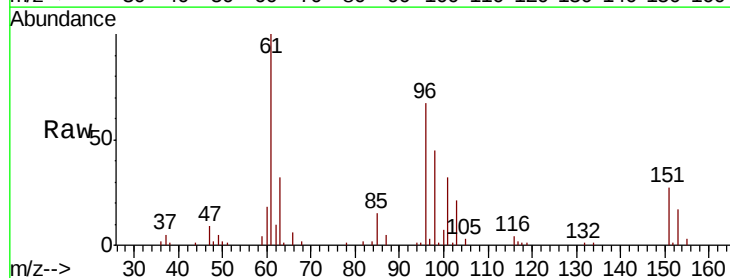
Instrument :
MSVOA_N
ClientSampled :

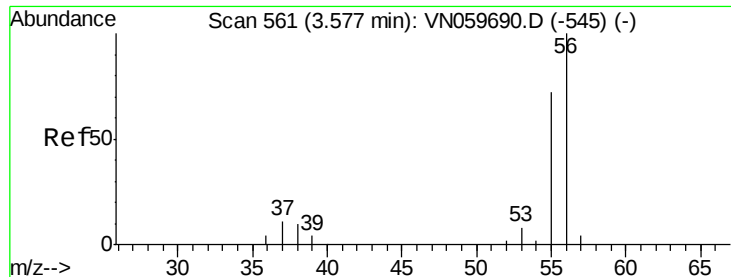
Tot Ion: 59 Resp: 36908
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 23.264 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 96 Resp: 39141
Ion Ratio Lower Upper
96 100
61 149.0 137.5 206.3
98 66.5 50.2 75.4





#13

Acrolein

Concen: 82.459 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

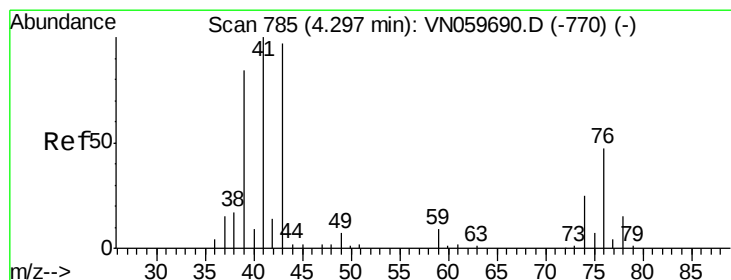
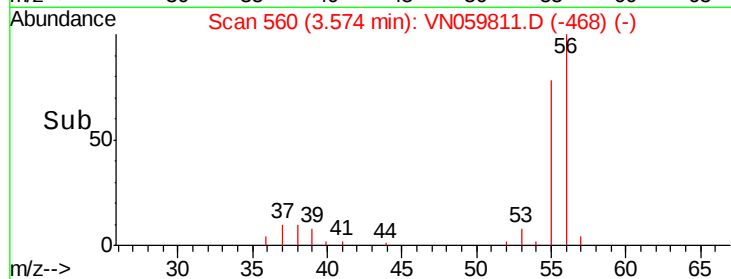
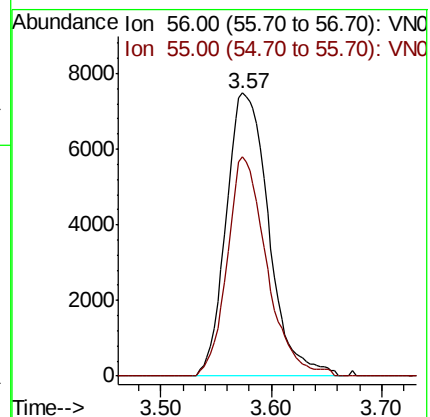
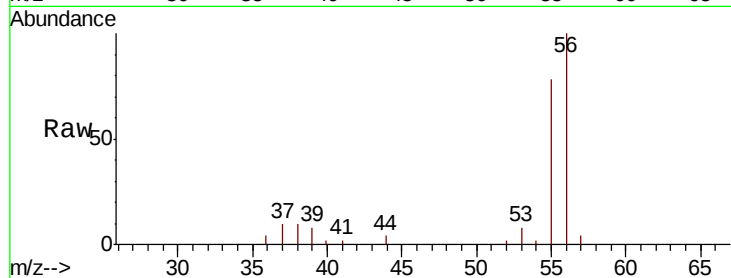
ClientSampleId :

Tot Ion: 56 Resp: 20068

Ion Ratio Lower Upper

56 100

55 72.0 58.6 88.0



#14

Allyl chloride

Concen: 23.410 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

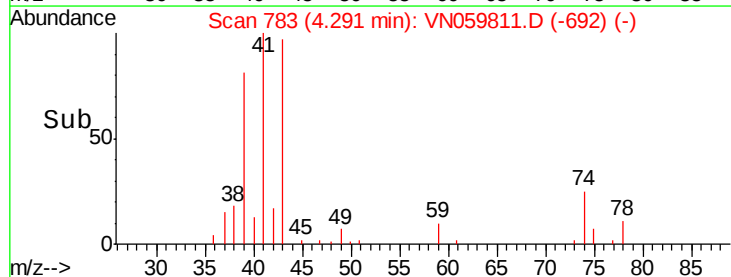
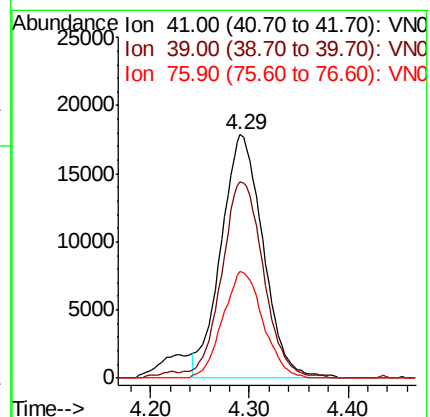
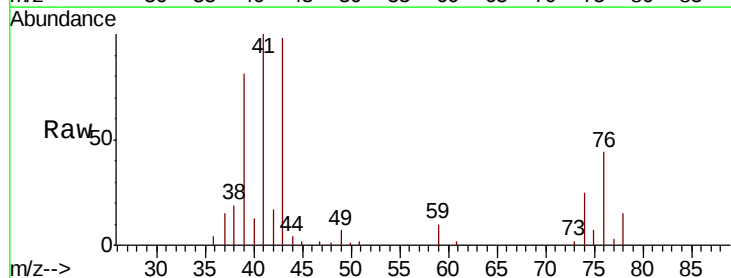
Tgt Ion: 41 Resp: 53088

Ion Ratio Lower Upper

41 100

39 80.2 57.8 86.8

76 41.9 25.4 38.0#





#15

Acrylonitrile

Concen: 111.844 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

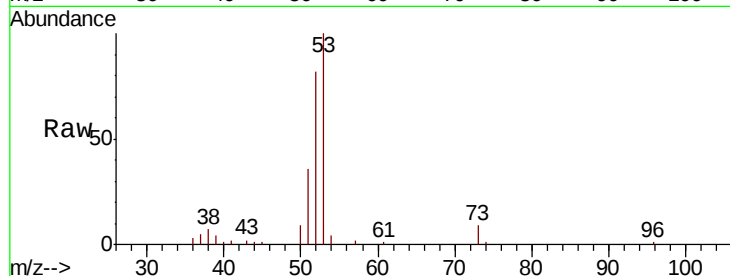
Tot Ion: 53 Resp: 87713

Ion Ratio Lower Upper

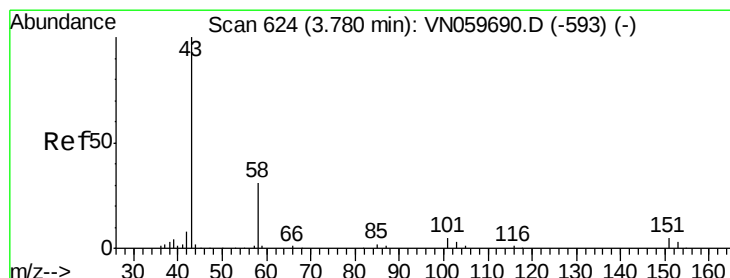
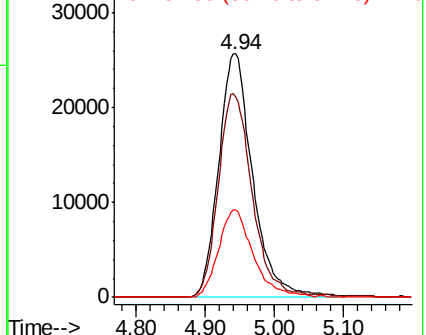
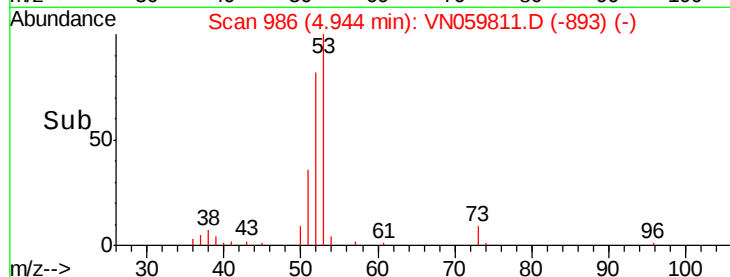
53 100

52 83.2 66.3 99.5

51 36.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059811.D (-893) (-)



#16

Acetone

Concen: 105.985 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059811.D

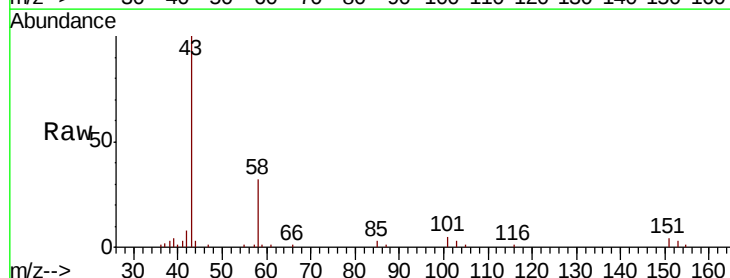
Acq: 21 Jan 2020 15:56

Tgt Ion: 43 Resp: 77841

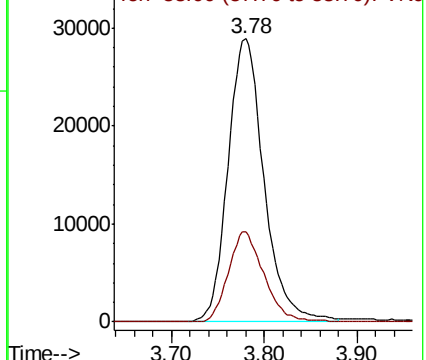
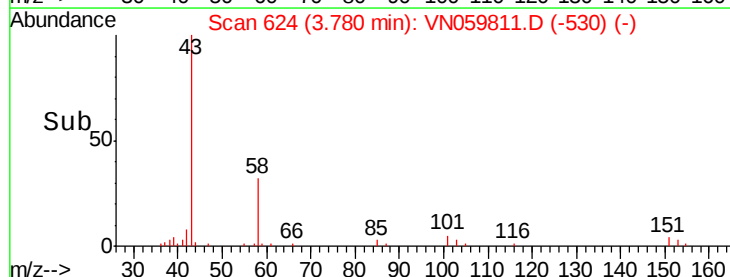
Ion Ratio Lower Upper

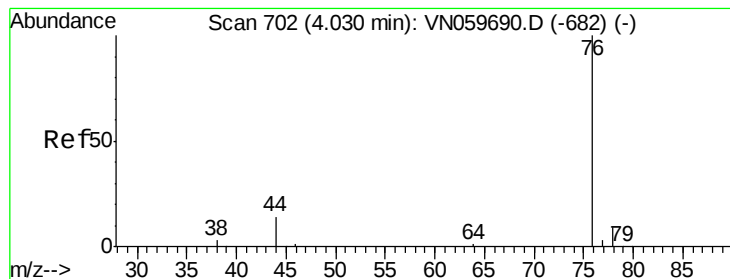
43 100

58 32.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059811.D (-530) (-)





#17

Carbon Disulfide

Concen: 22.067 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

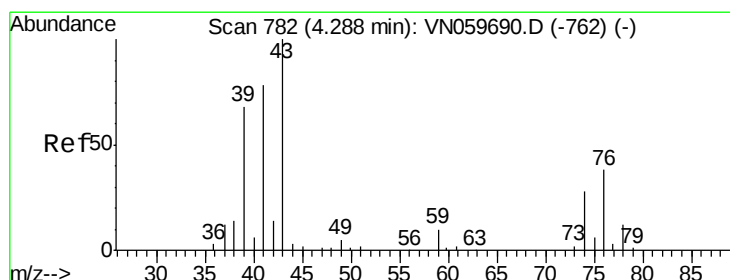
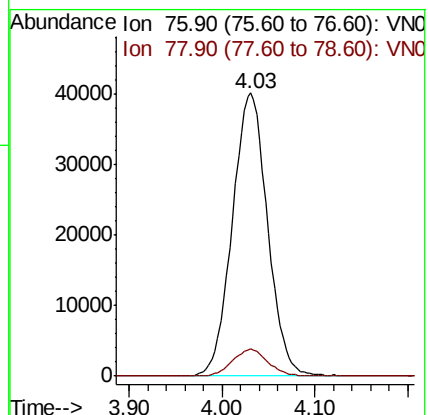
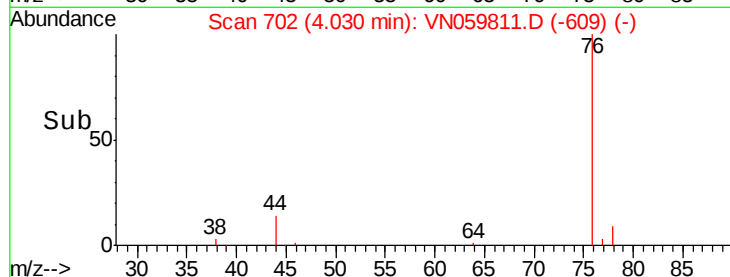
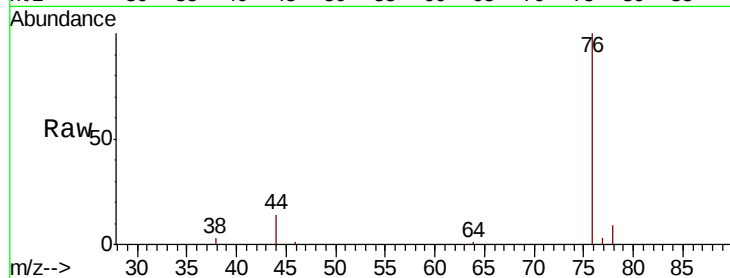
ClientSampleId :

Tot Ion: 76 Resp: 105765

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 22.527 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN059811.D

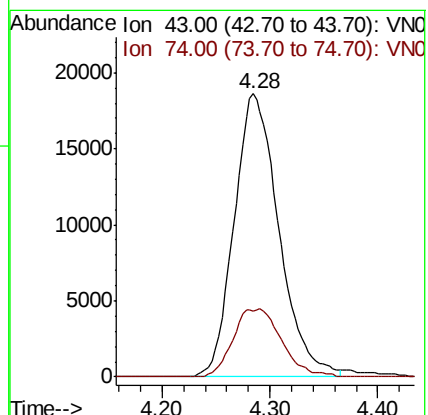
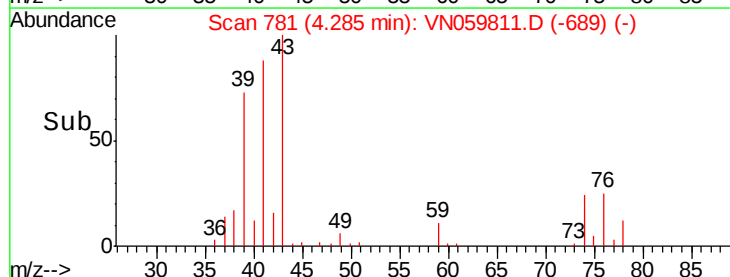
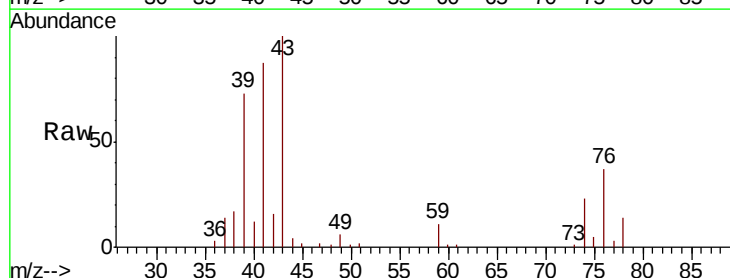
Acq: 21 Jan 2020 15:56

Tgt Ion: 43 Resp: 53737

Ion Ratio Lower Upper

43 100

74 11.6 17.5 26.3#

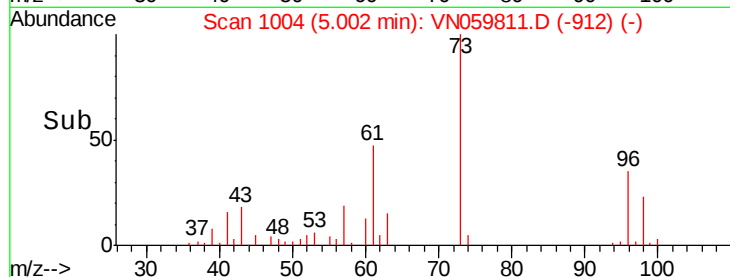
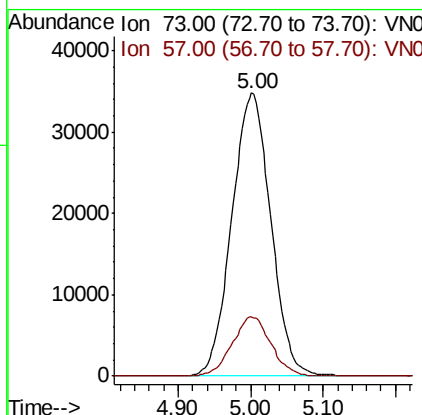
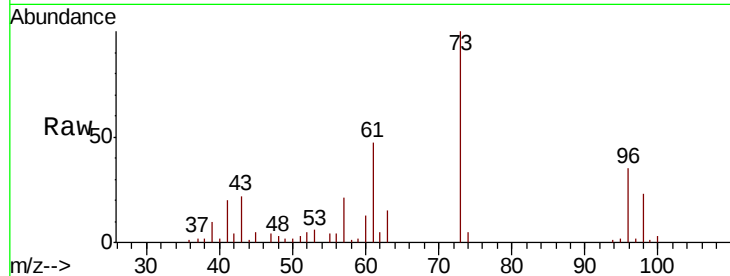




#19
Methvl tert-butvl Ether
Concen: 23.698 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

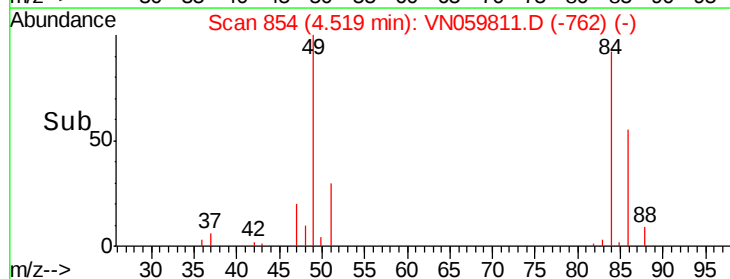
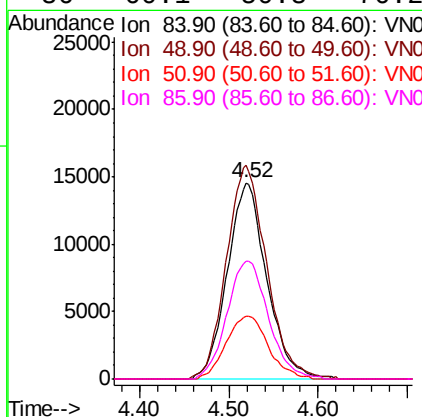
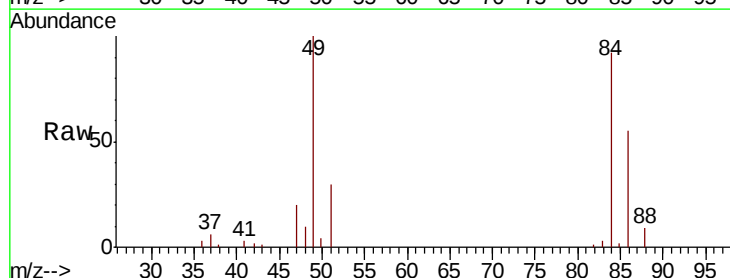
Instrument :
MSVOA_N
ClientSampleId :

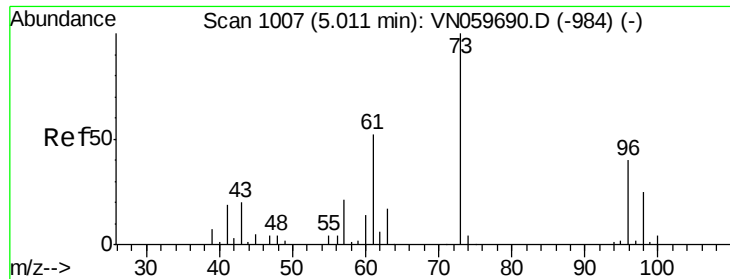
Tot Ion: 73 Resp: 129999
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 23.505 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 84 Resp: 44697
Ion Ratio Lower Upper
84 100
49 109.0 106.6 160.0
51 32.2 31.9 47.9
86 60.1 50.8 76.2

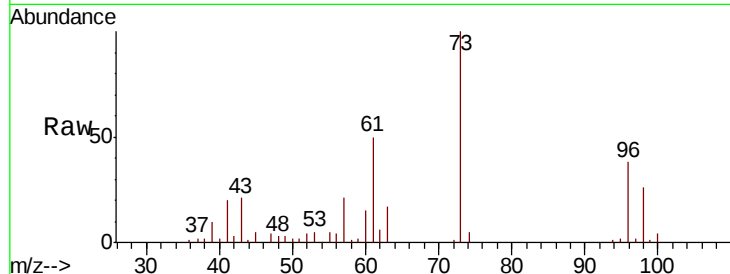




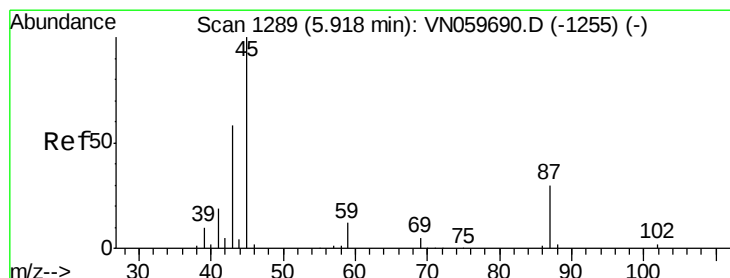
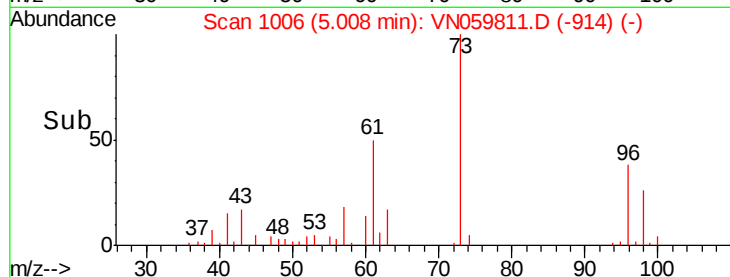
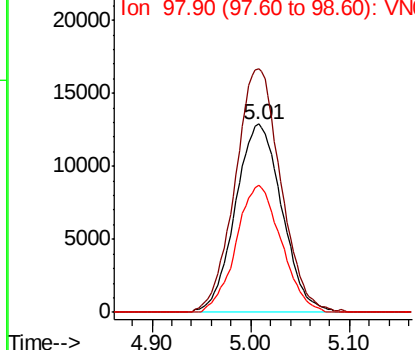
#21
trans-1,2-Dichloroethene
Concen: 23.564 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 42144
Ion Ratio Lower Upper
96 100
61 129.4 120.4 180.6
98 67.3 50.6 75.8

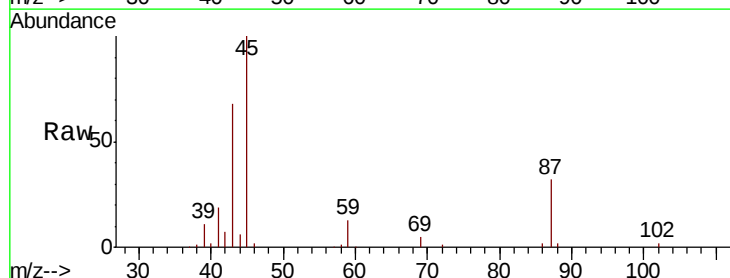


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

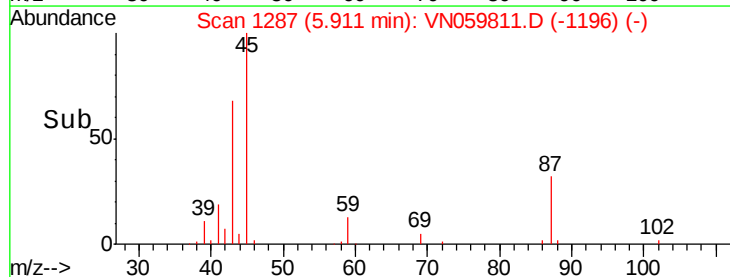
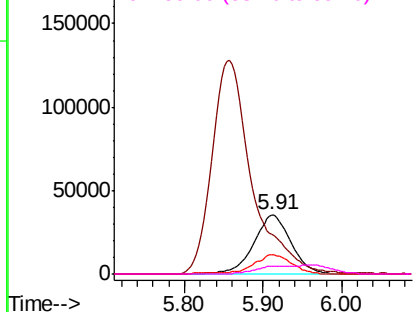


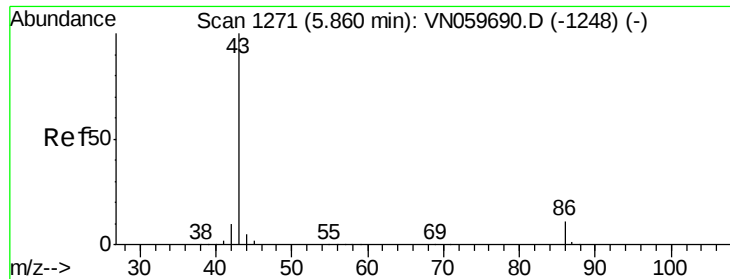
#22
Diisopropyl ether
Concen: 23.000 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 45 Resp: 118202
Ion Ratio Lower Upper
45 100
43 64.6 50.8 76.2
87 32.0 21.0 31.6#
59 13.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

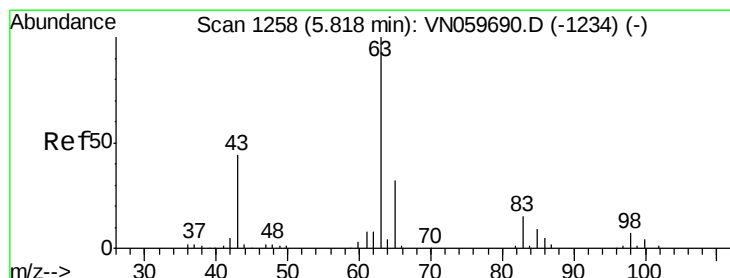
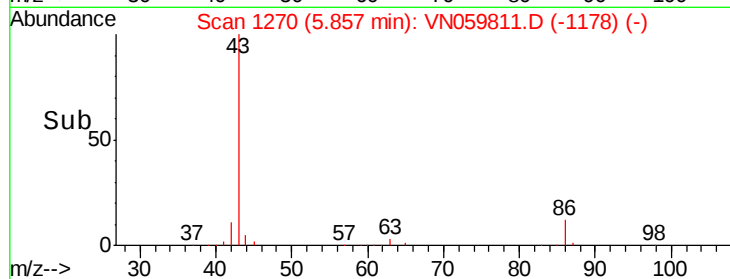
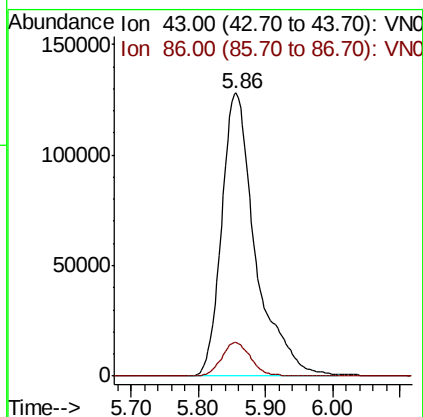
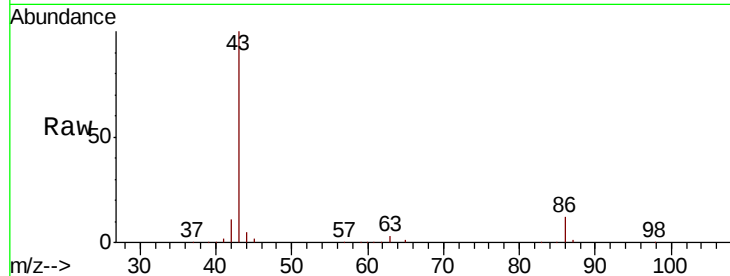




#23
 Vinyl Acetate
 Concen: 112.951 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

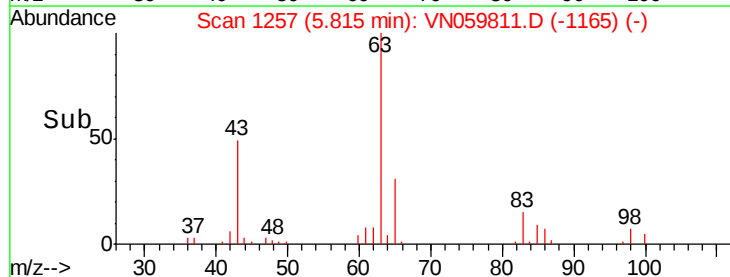
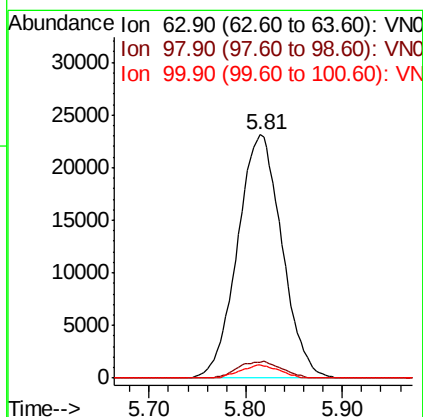
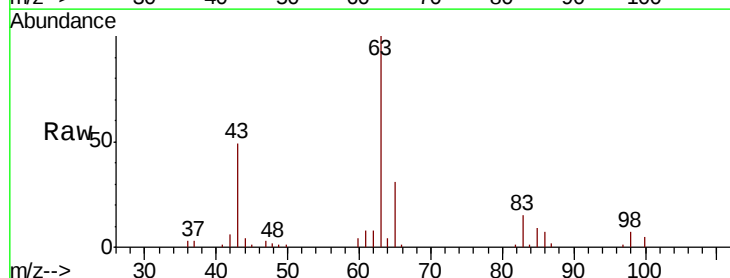
Instrument :
 MSVOA_N
 ClientSampled :

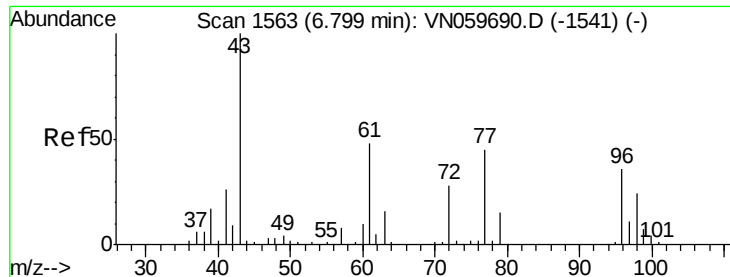
Tot Ion: 43 Resp: 449435
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 23.441 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 63 Resp: 73610
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.7
 100 5.2 2.0 6.0

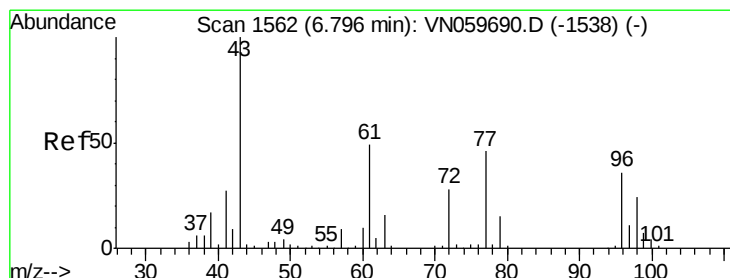
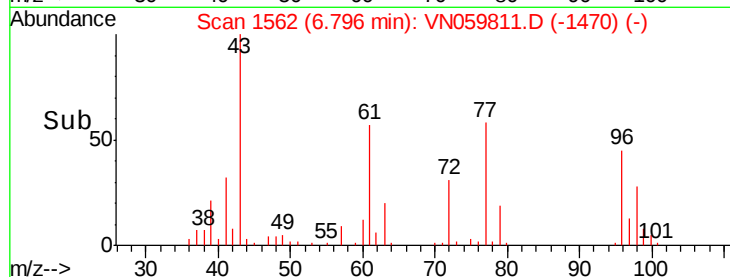
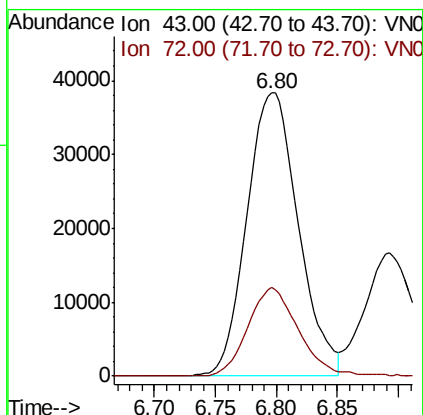
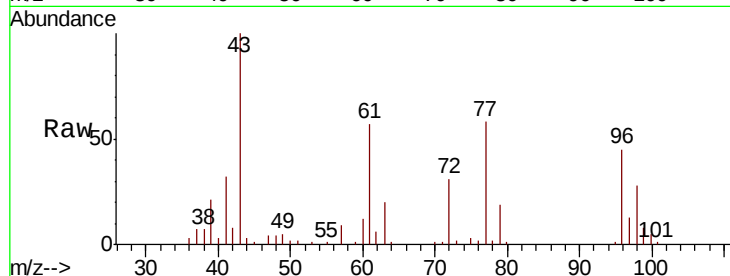




#25
2-Butanone
Concen: 97.288 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

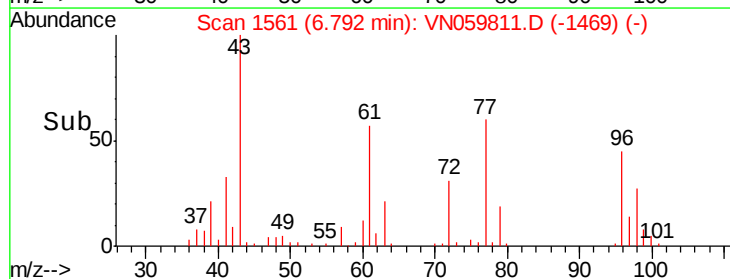
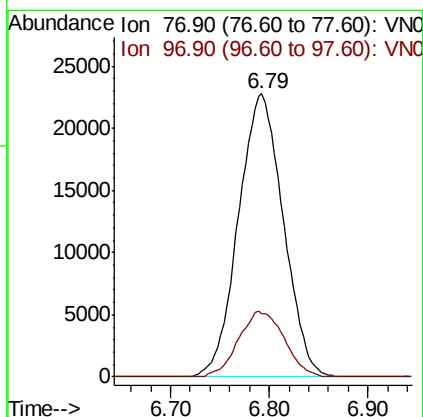
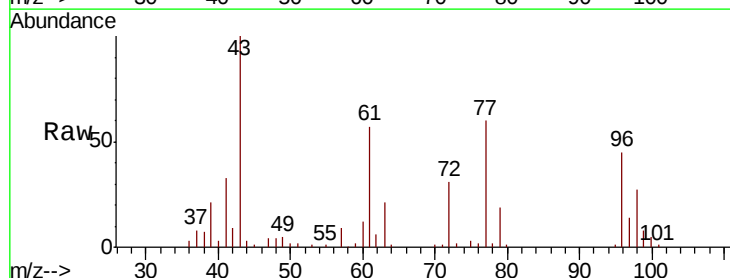
Instrument :
MSVOA_N
ClientSampled :

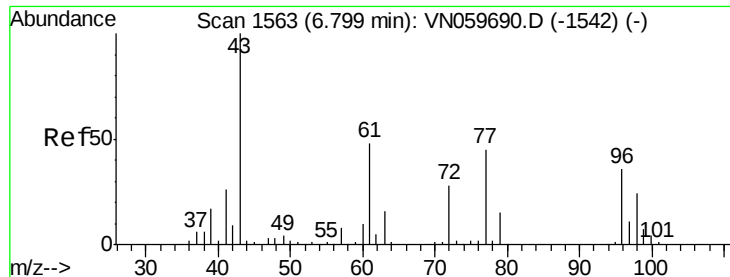
Tot Ion: 43 Resp: 112515
Ion Ratio Lower Upper
43 100
72 31.3 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 23.743 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 77 Resp: 71679
Ion Ratio Lower Upper
77 100
97 23.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 24.325 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

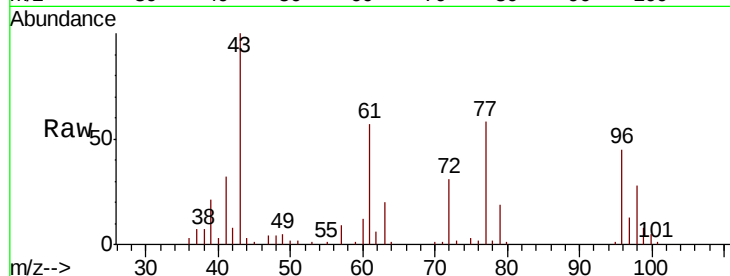
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 50037

Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	317.6
98	62.8	0.0	127.0

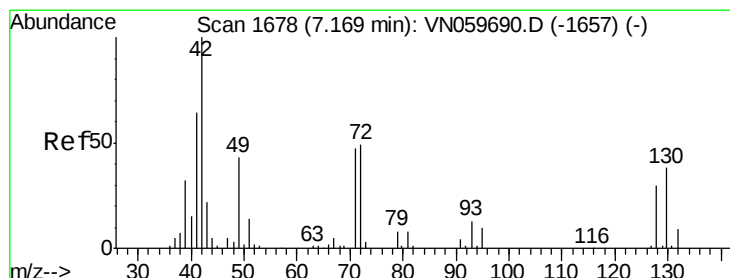
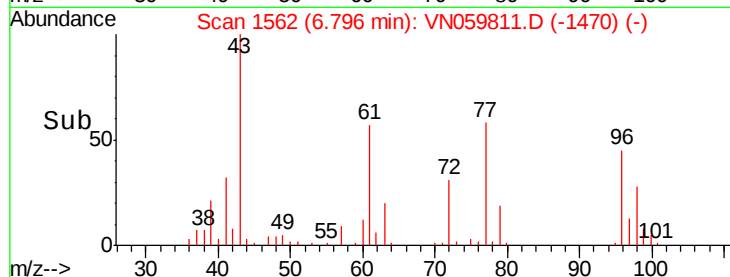
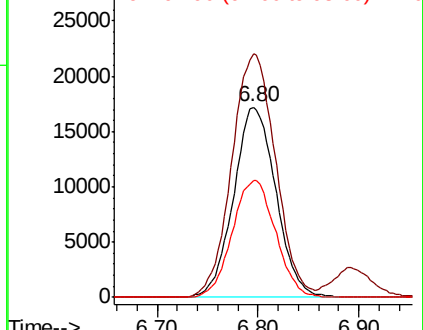


Abundance

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: 16.560 ug/l

RT: 7.17 min Scan# 1677

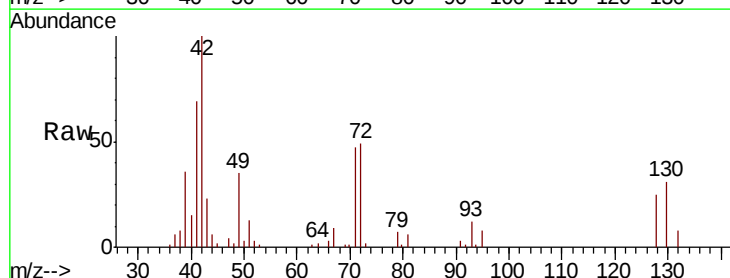
Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion: 49 Resp: 20784

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	91.2	54.7	82.1#

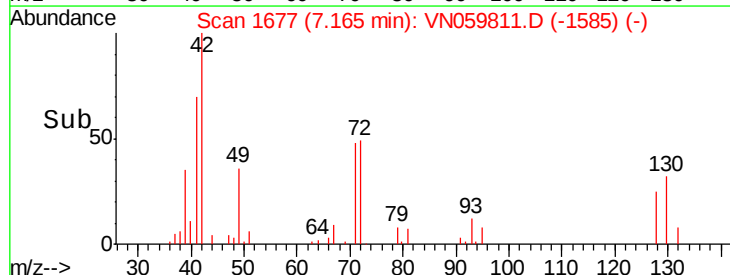
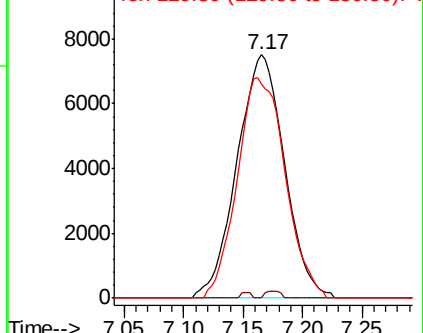


Abundance

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

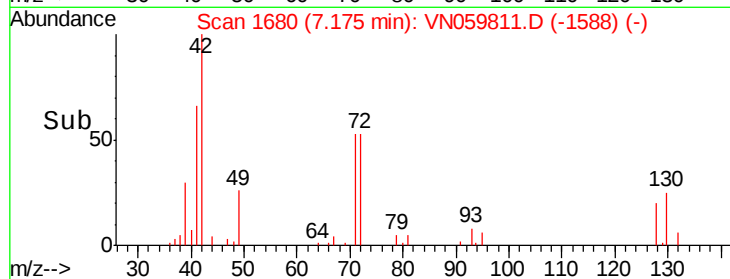
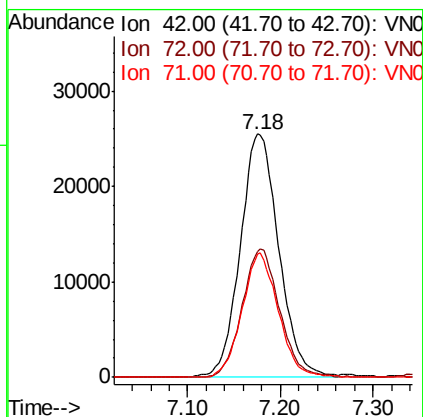
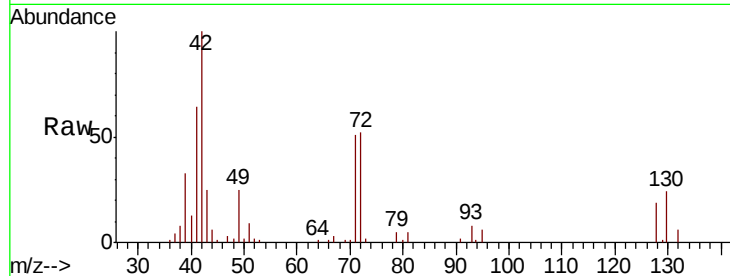




#29
Tetrahydrofuran
Concen: 103.035 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

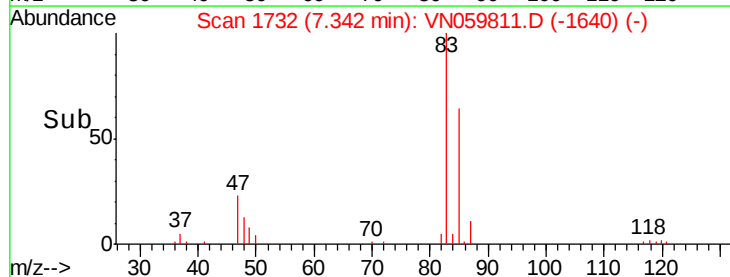
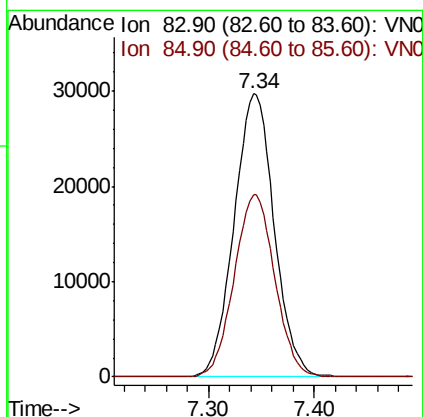
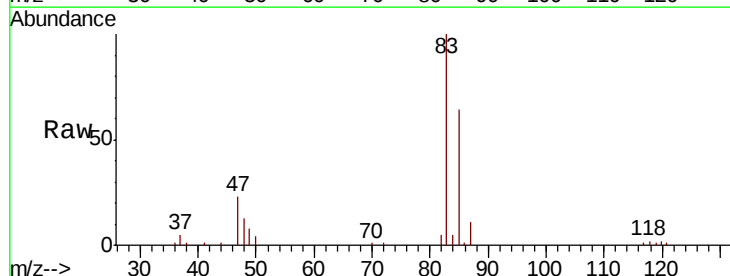
Instrument :
MSVOA_N
ClientSampled :

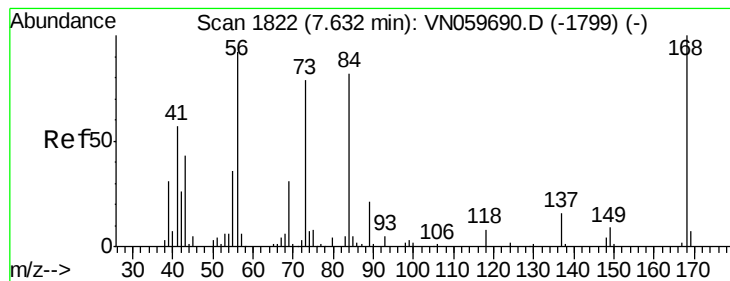
Tot Ion: 42 Resp: 73728
Ion Ratio Lower Upper
42 100
72 51.2 33.1 49.7#
71 47.7 31.4 47.0#



#30
Chloroform
Concen: 24.117 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 83 Resp: 78467
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6





#31

Cyclohexane

Concen: 21.950 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

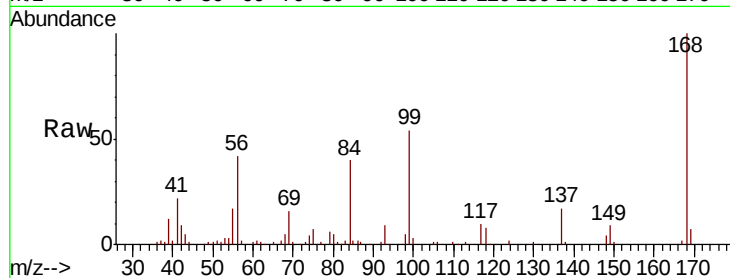
Tot Ion: 56 Resp: 66326

Ion Ratio Lower Upper

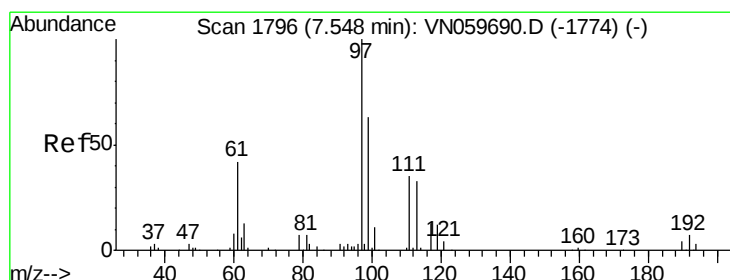
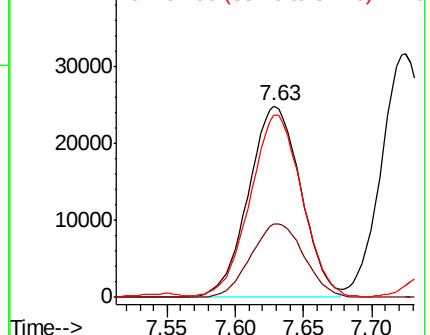
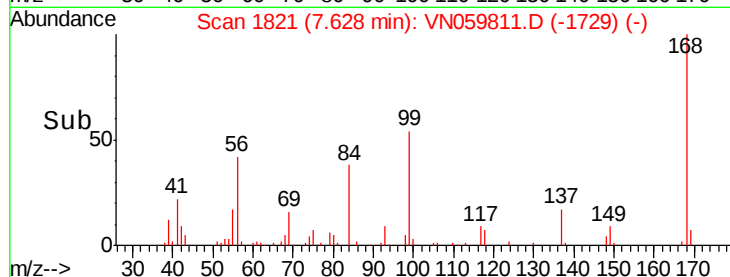
56 100

69 38.1 26.5 39.7

84 94.3 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059811.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 23.951 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

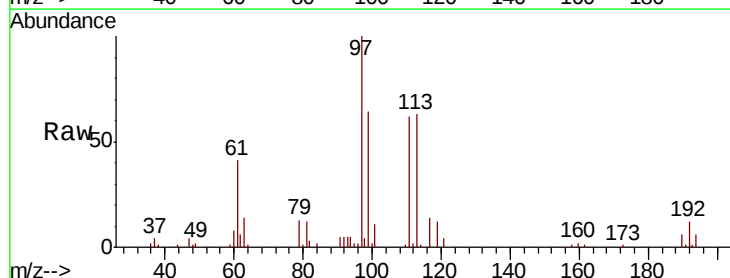
Tgt Ion: 97 Resp: 72052

Ion Ratio Lower Upper

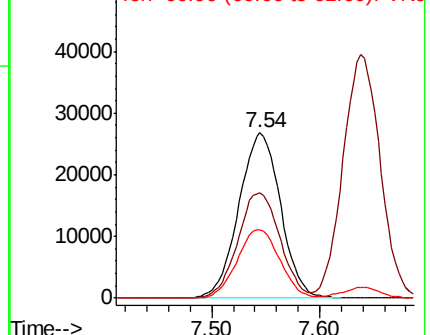
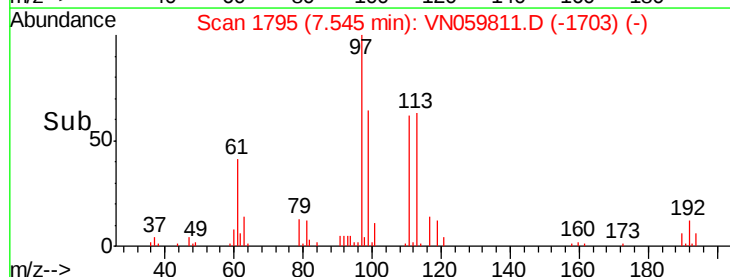
97 100

99 64.8 51.0 76.4

61 42.3 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN059811.D (-1703) (-)

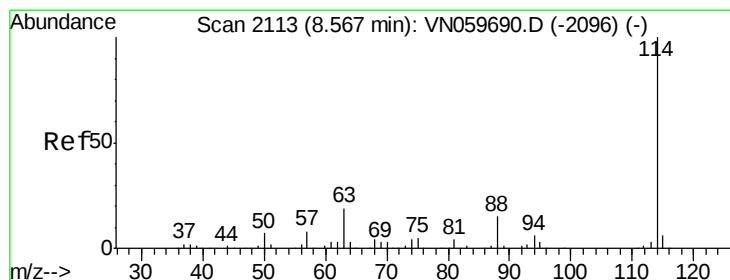
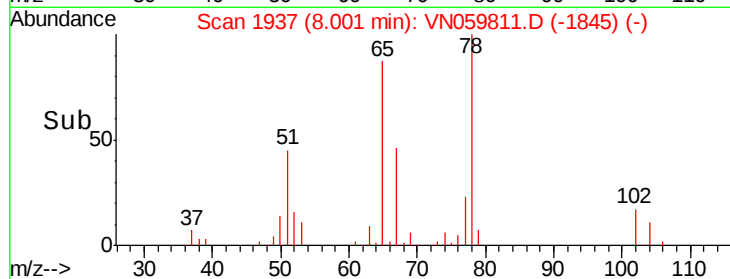
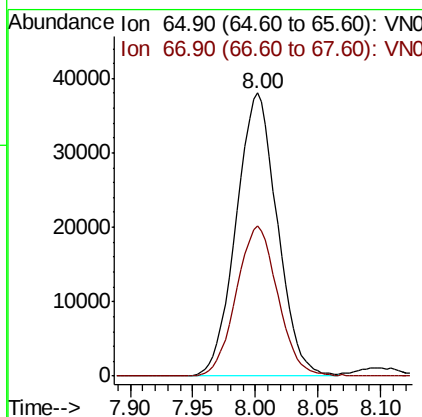
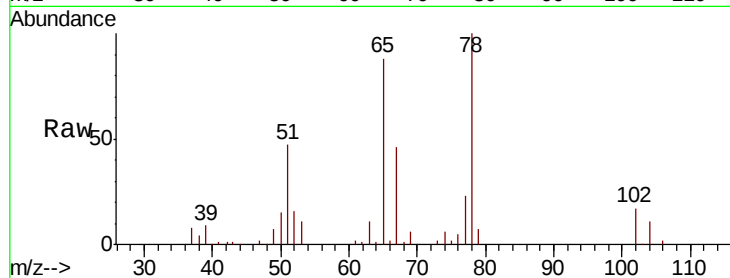




#33
 1,2-Dichloroethane-d4
 Concen: 42.510 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

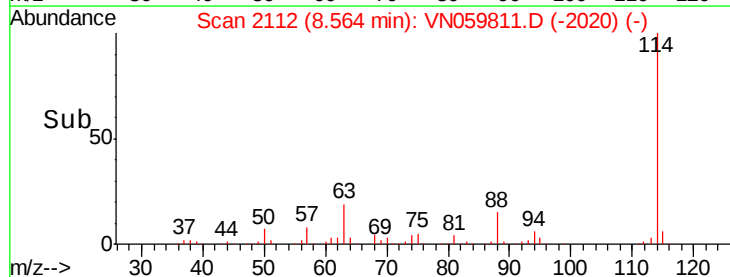
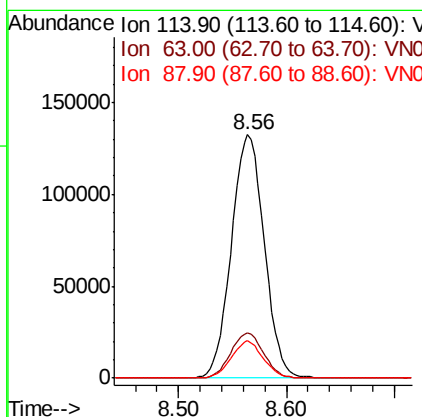
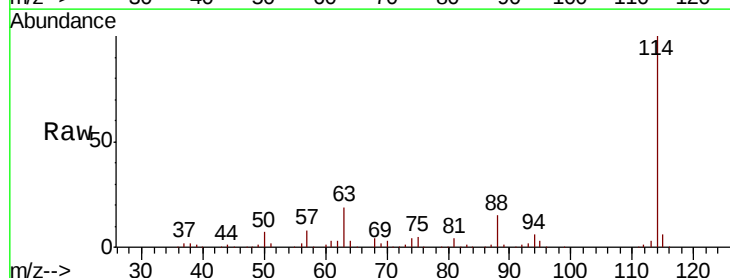
Instrument :
 MSVOA_N
 ClientSampleId :

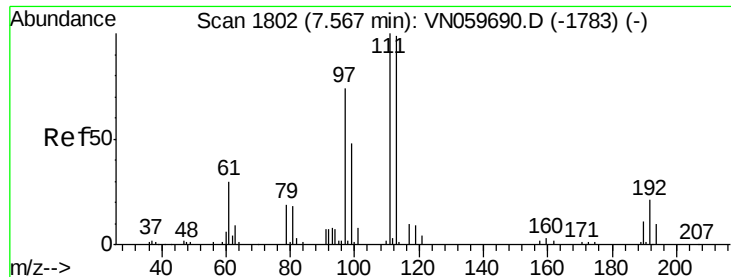
Tot Ion: 65 Resp: 86817
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 114 Resp: 280429
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.2 0.0 31.4

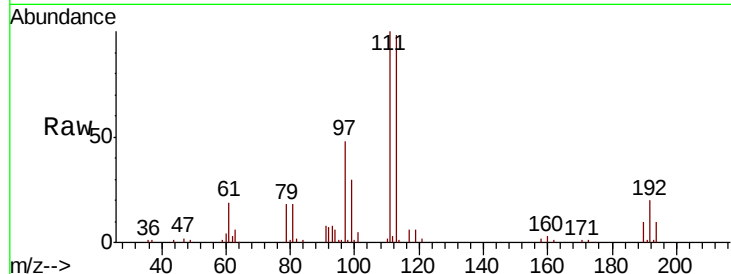




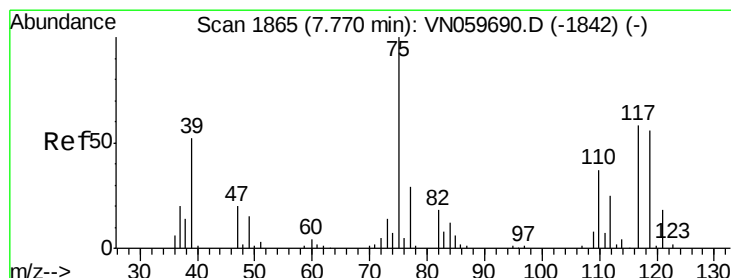
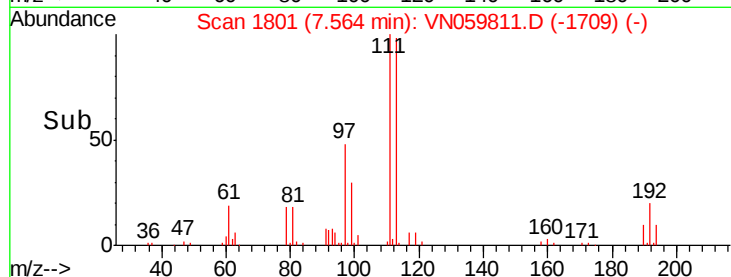
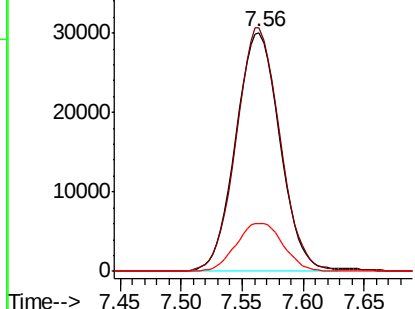
#35
 Dibromofluoromethane
 Concen: 45.042 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 75325
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 21.4 15.4 23.2

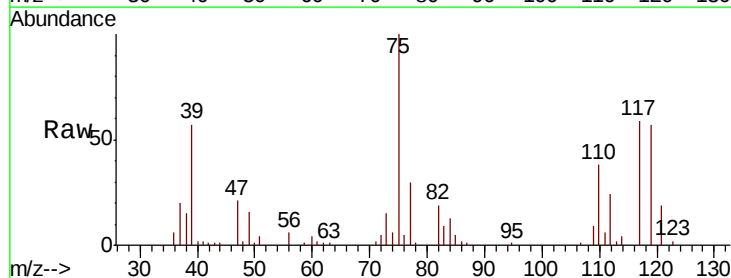


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

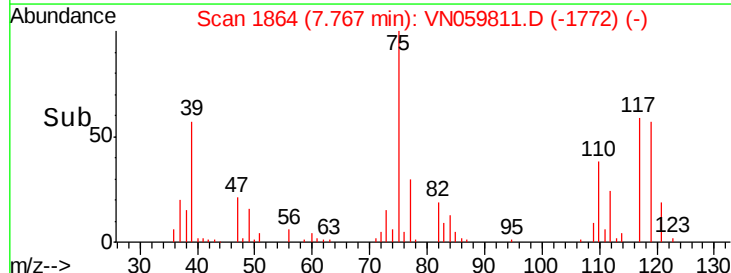
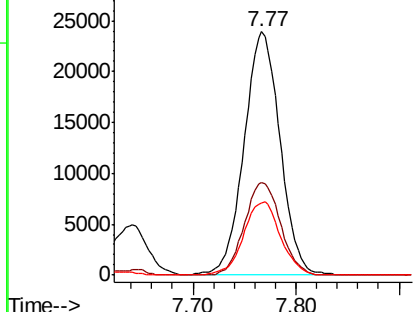


#36
 1,1-Dichloropropene
 Concen: 23.773 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 75 Resp: 58056
 Ion Ratio Lower Upper
 75 100
 110 37.9 16.6 49.7
 77 30.7 25.1 37.7



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

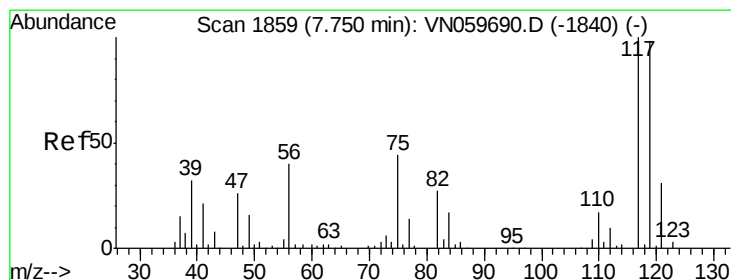
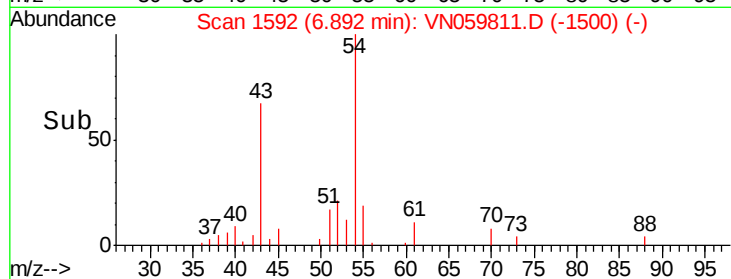
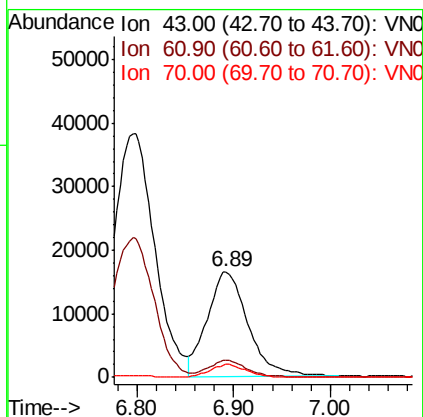
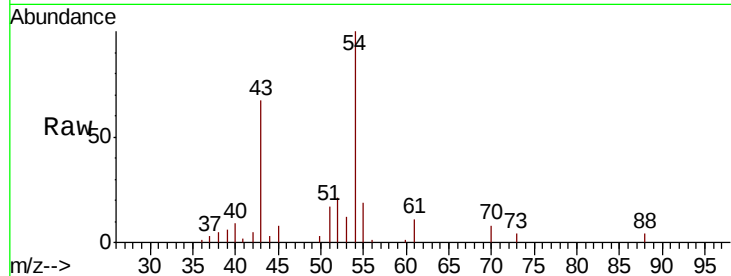




#37
Ethyl Acetate
Concen: 21.032 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

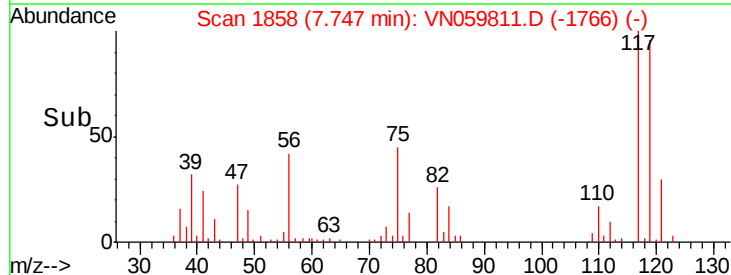
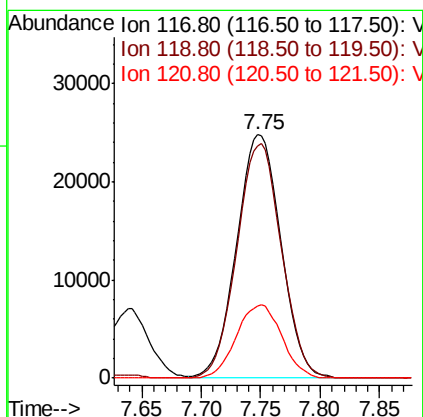
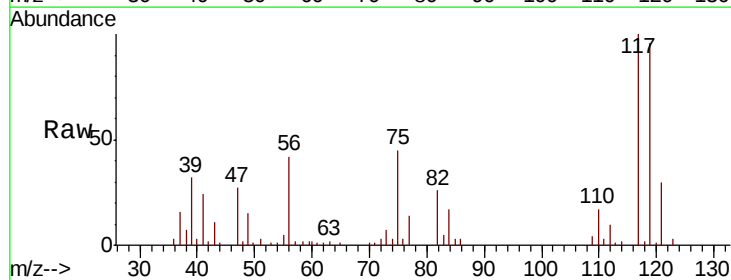
Instrument :
MSVOA_N
ClientSampled :

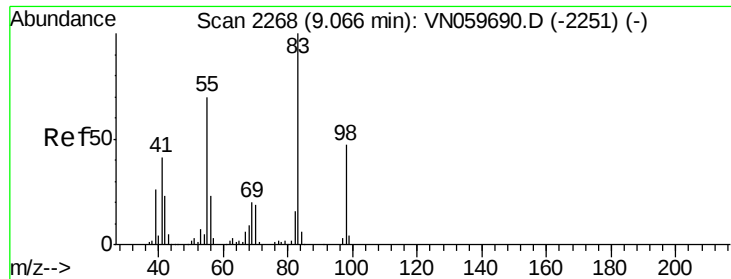
Tot Ion: 43 Resp: 48172
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 10.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 24.134 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 117 Resp: 64112
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 29.6 25.1 37.7

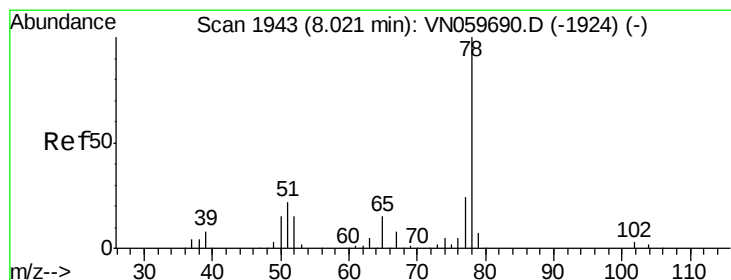
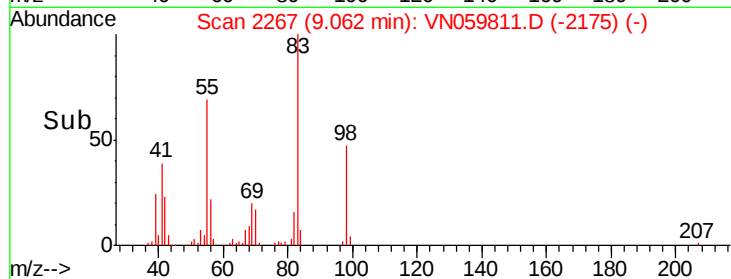
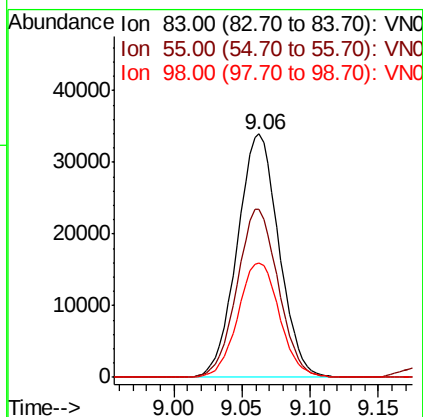
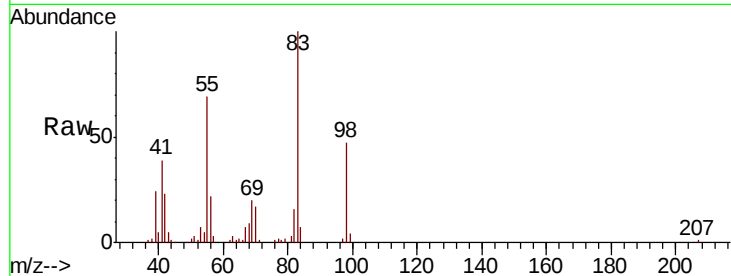




#39
Methvlcvclohexane
Concen: 23.867 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

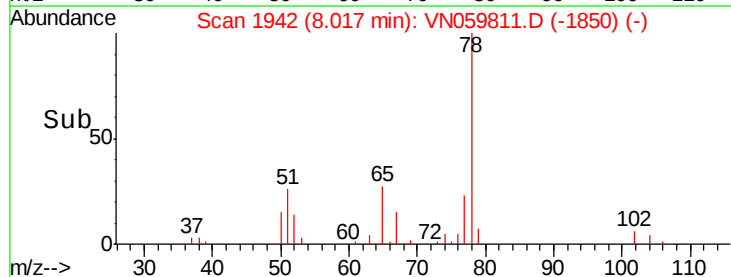
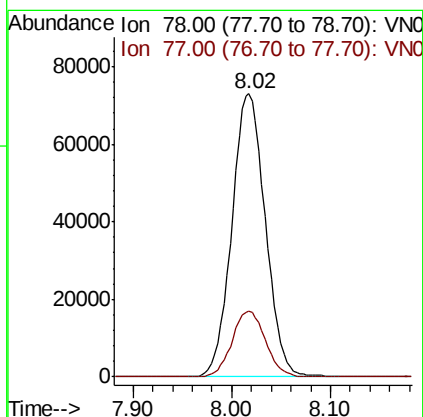
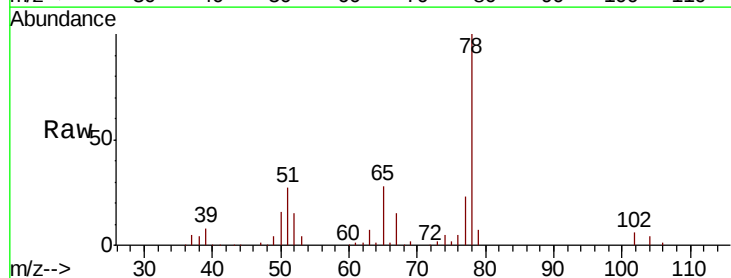
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 71868
Ion Ratio Lower Upper
83 100
55 69.3 64.2 96.2
98 47.0 35.9 53.9



#40
Benzene
Concen: 23.614 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 78 Resp: 171985
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

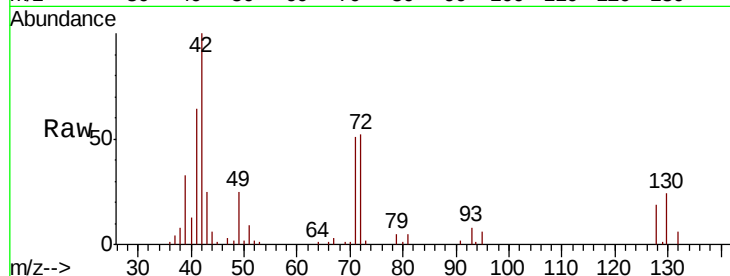




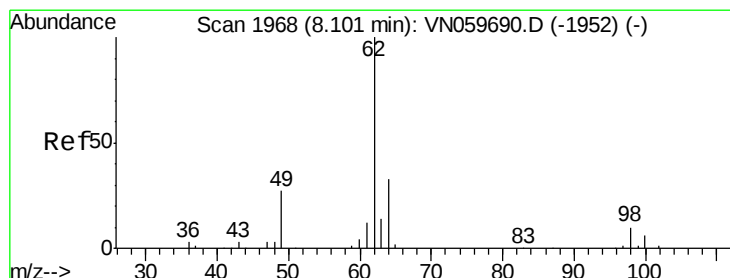
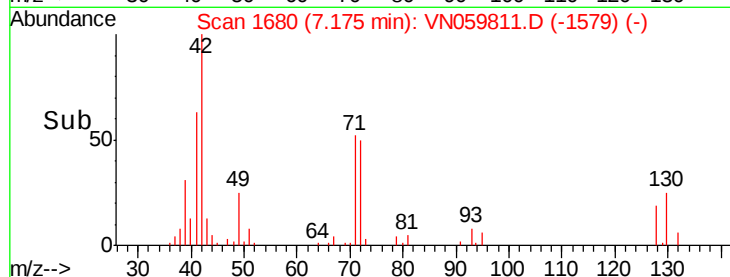
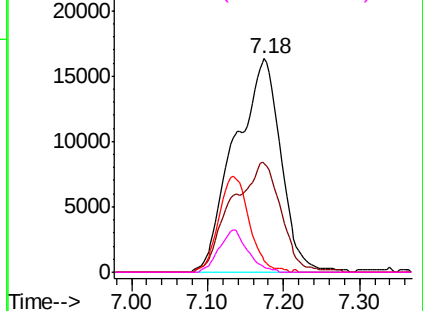
#41
Methacrylonitrile
Concen: 61.256 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	69108
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

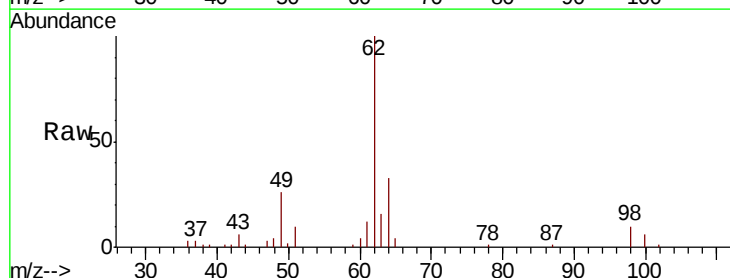


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

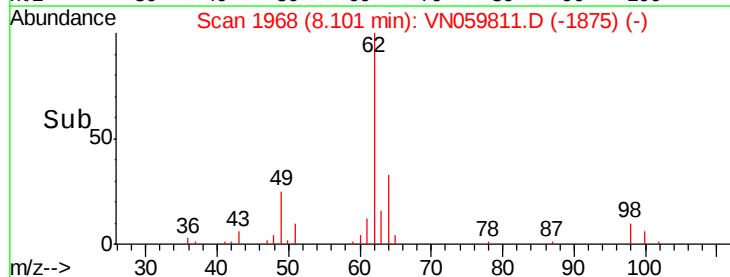
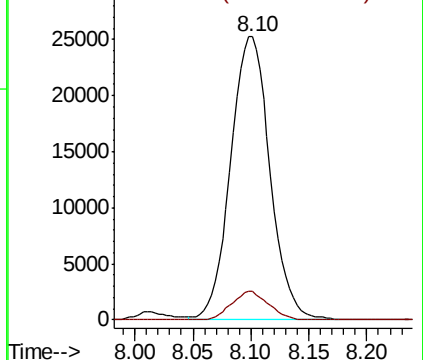


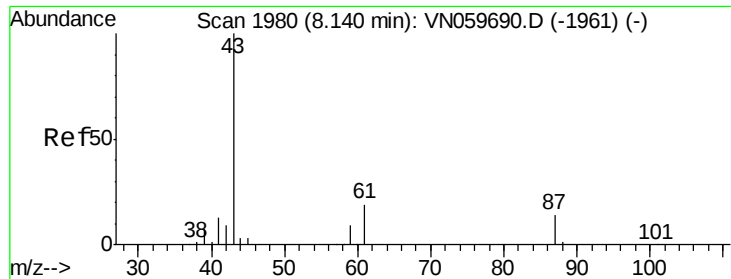
#42
1,2-Dichloroethane
Concen: 24.173 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:	62	Resp:	59692
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 21.743 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

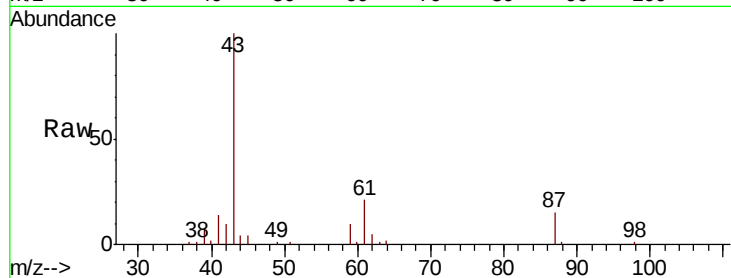
Tot Ion: 43 Resp: 85659

Ion Ratio Lower Upper

43 100

61 27.5 20.2 30.2

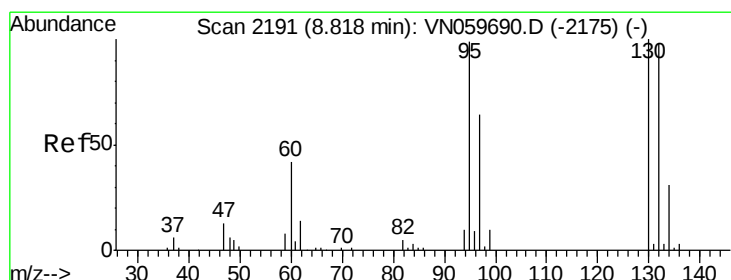
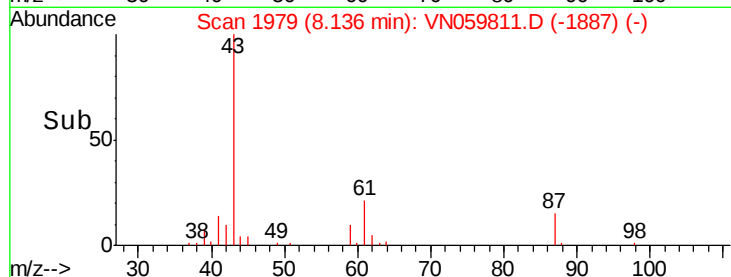
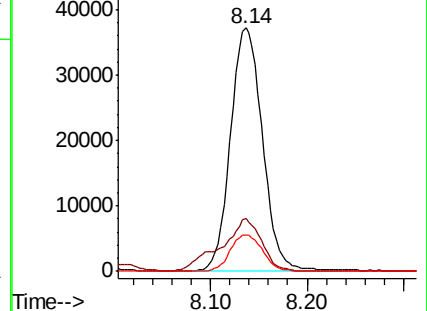
87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059811.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN059811.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN059811.D (-1979) (-)



#44

Trichloroethene

Concen: 24.969 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059811.D

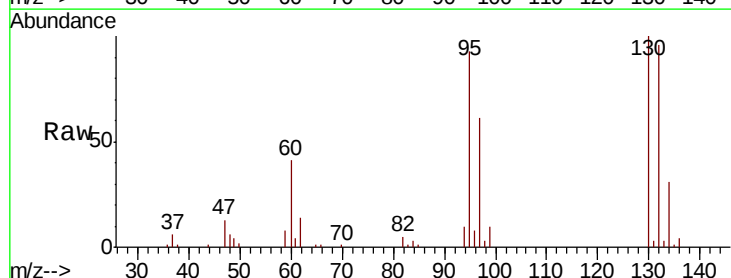
Acq: 21 Jan 2020 15:56

Tgt Ion:130 Resp: 49645

Ion Ratio Lower Upper

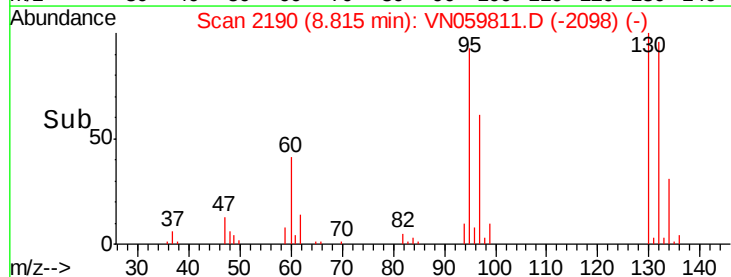
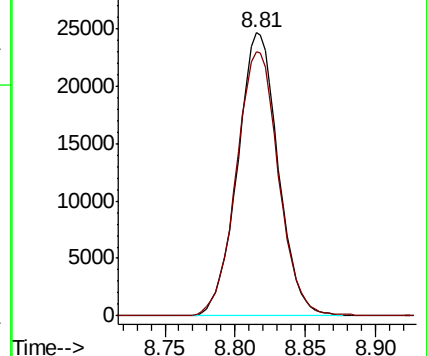
130 100

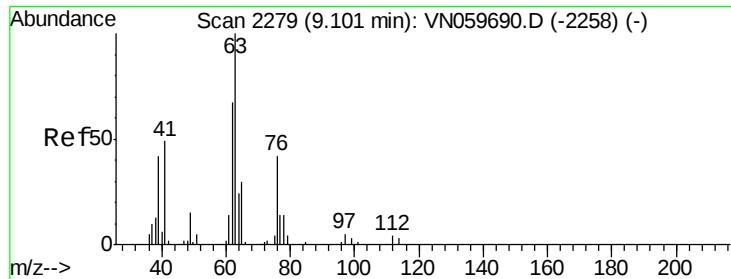
95 93.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059811.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN059811.D (-2190) (-)





#45

1,2-Dichloropropane

Concen: 24.189 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

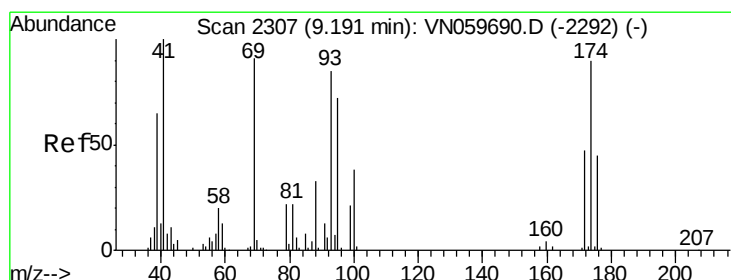
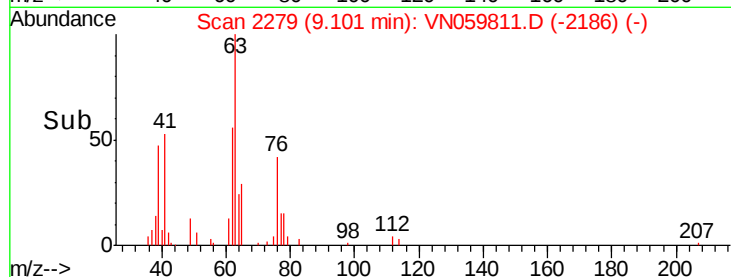
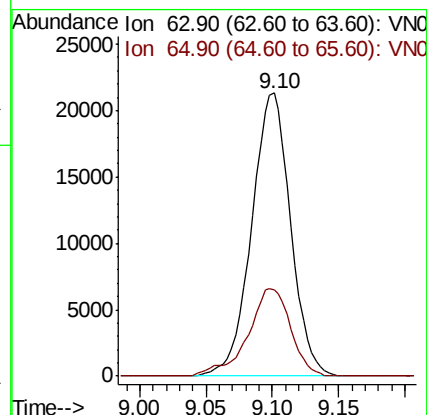
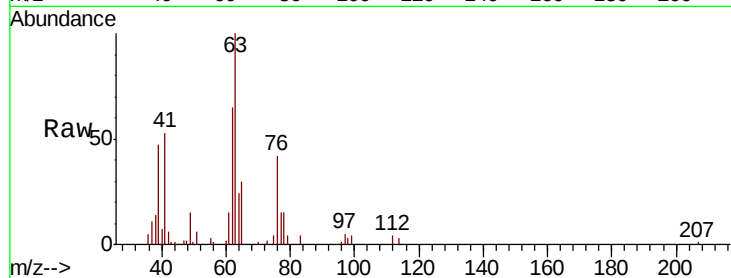
ClientSampleId :

Tot Ion: 63 Resp: 43594

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 24.087 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

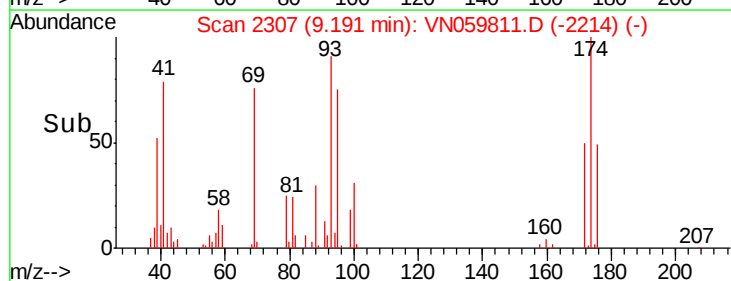
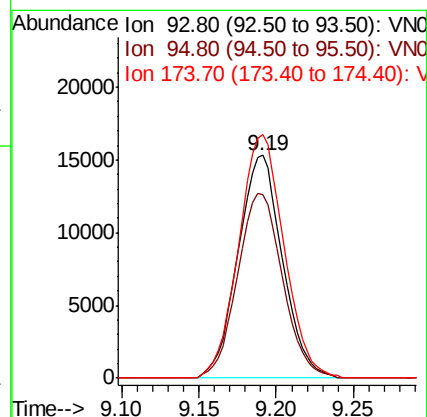
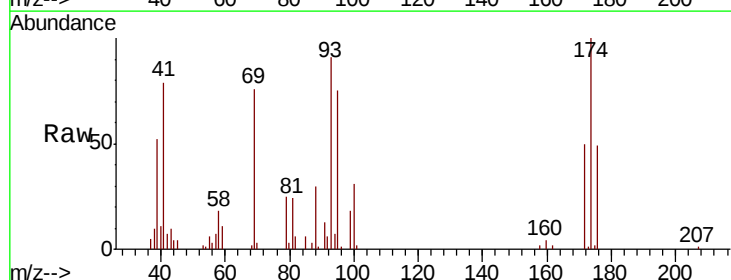
Tgt Ion: 93 Resp: 30622

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 111.4 73.4 110.2#

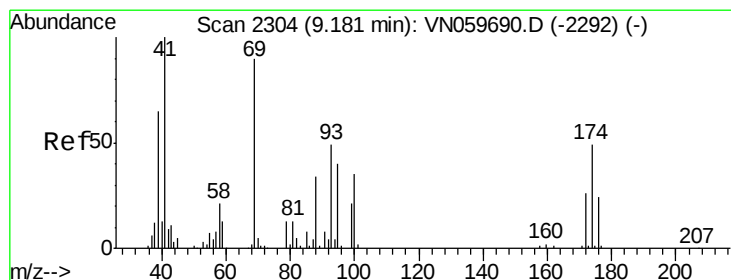
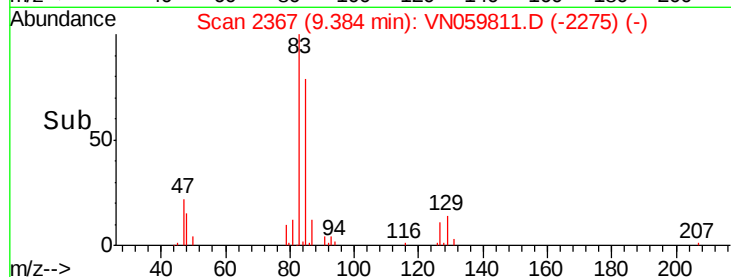
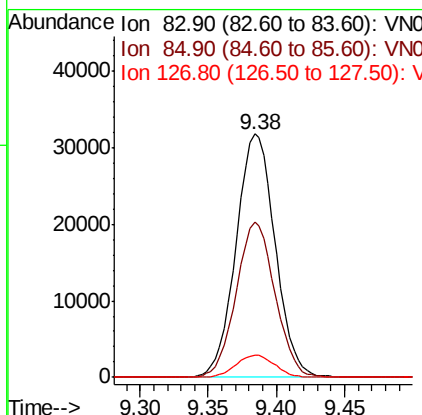
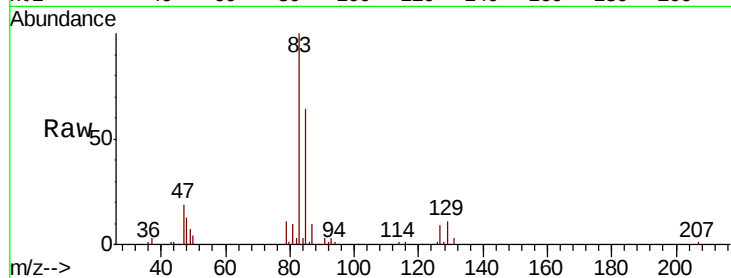




#47
 Bromodichloromethane
 Concen: 24.665 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

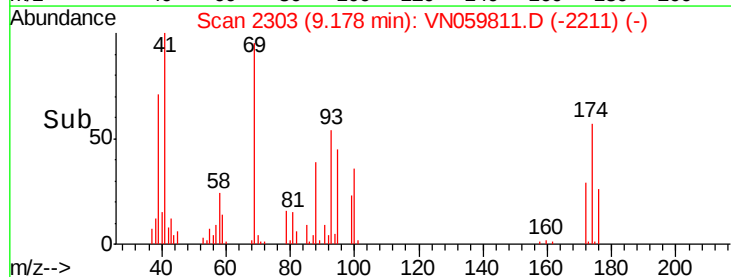
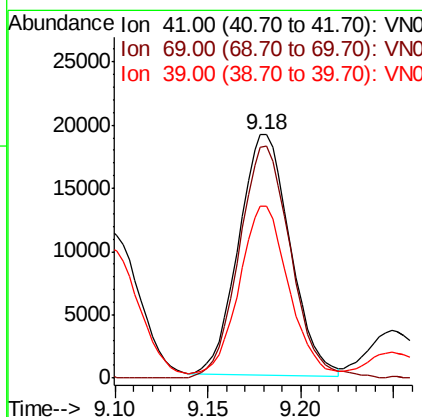
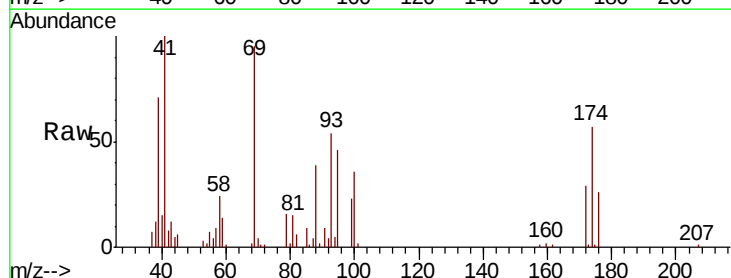
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 83 Resp: 63189
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.1 76.7
 127 9.0 6.6 9.8



#48
 Methyl methacrylate
 Concen: 20.794 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 41 Resp: 36644
 Ion Ratio Lower Upper
 41 100
 69 96.7 64.4 96.6#
 39 65.9 51.3 76.9

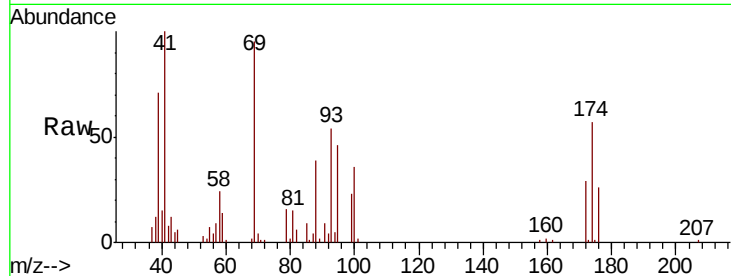




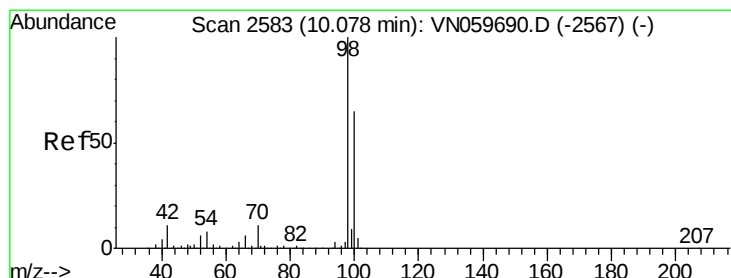
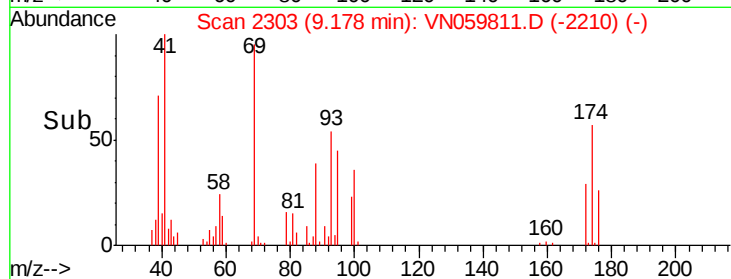
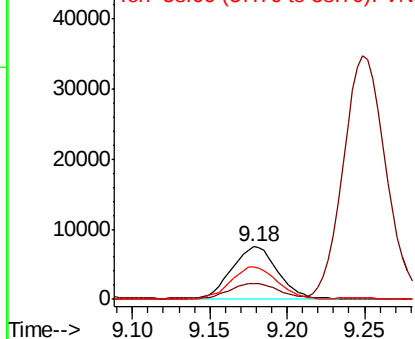
#49
1,4-Dioxane
Concen: 485.125 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 15650
Ion Ratio Lower Upper
88 100
43 28.0 29.7 44.5#
58 60.9 56.6 85.0

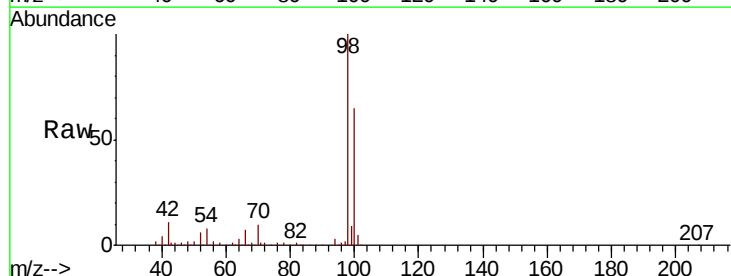


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

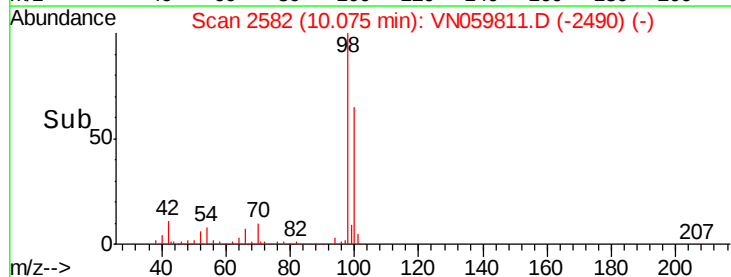
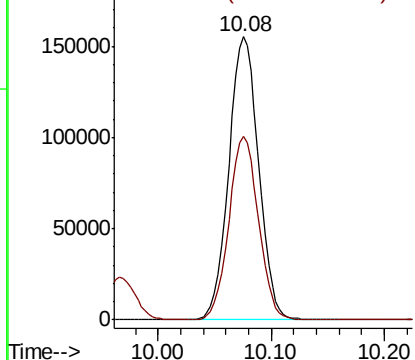


#50
Toluene-d8
Concen: 43.966 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 98 Resp: 284876
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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

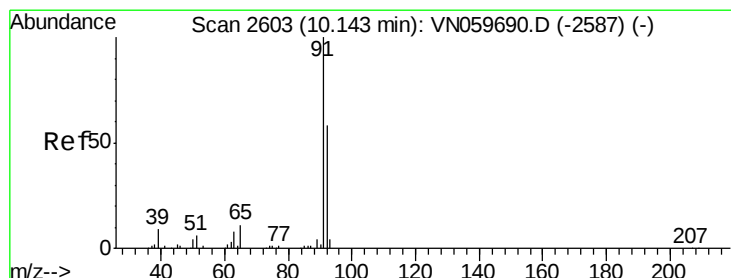
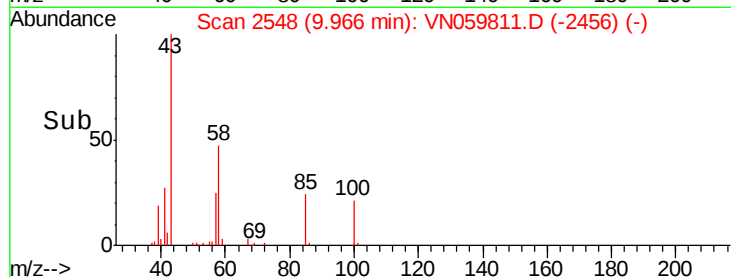
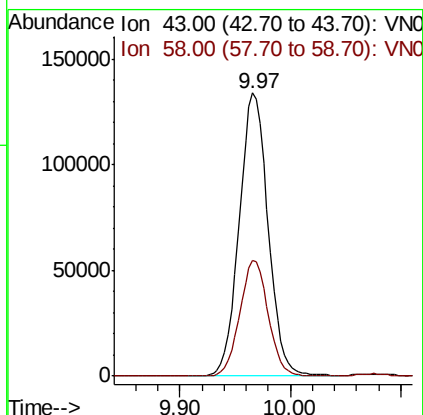
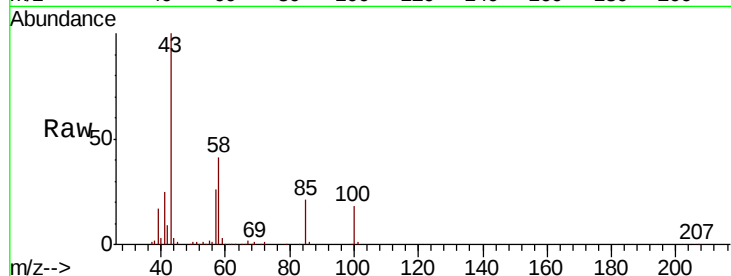




#51
 4-Methyl-2-Pentanone
 Concen: 105.919 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

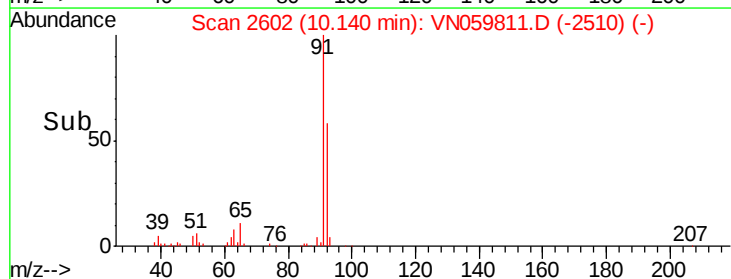
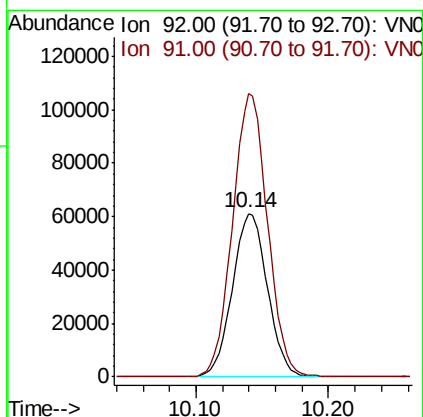
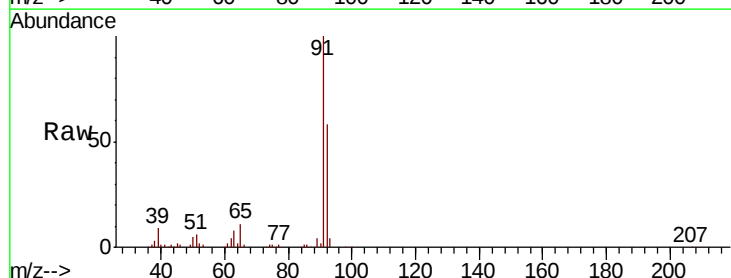
Instrument :
 MSVOA_N
 ClientSampled :

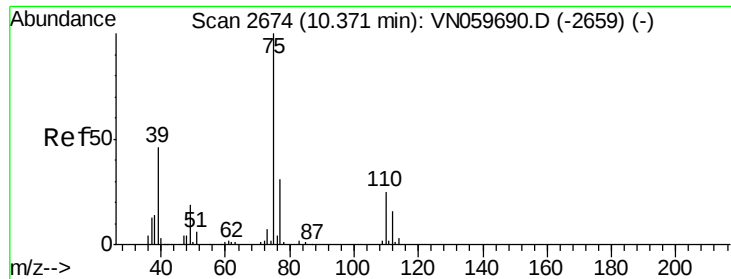
Tot Ion: 43 Resp: 241221
 Ion Ratio Lower Upper
 43 100
 58 40.5 29.8 44.8



#52
 Toluene
 Concen: 24.346 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 92 Resp: 111999
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 23.824 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

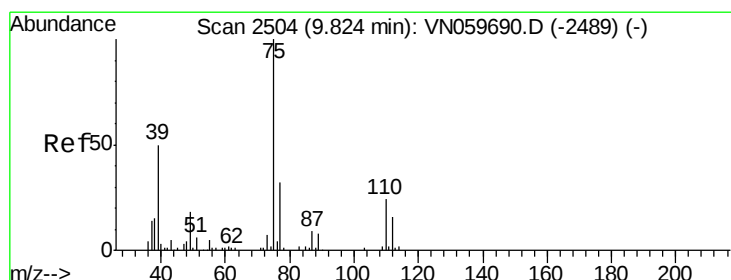
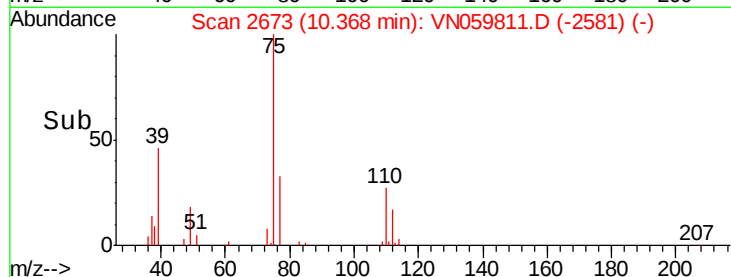
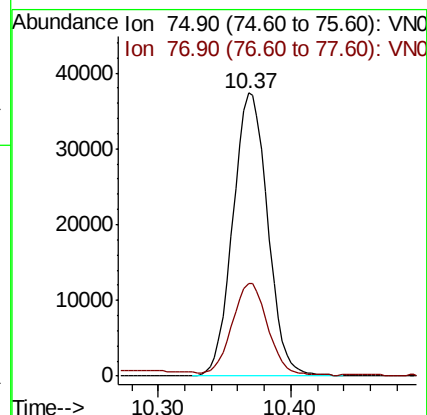
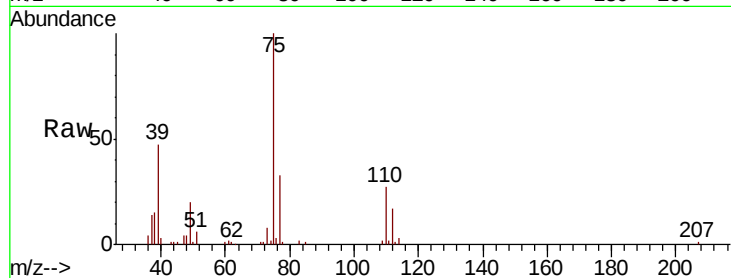
ClientSampleId :

Tot Ion: 75 Resp: 68150

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 24.697 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

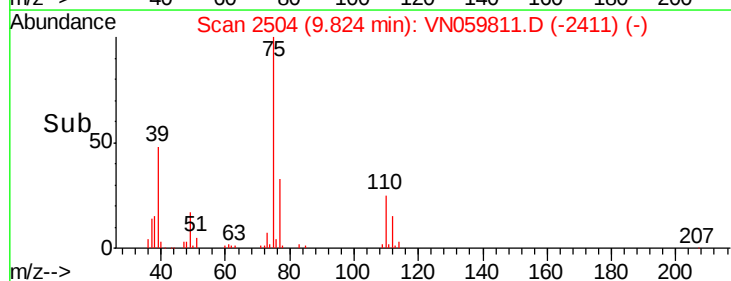
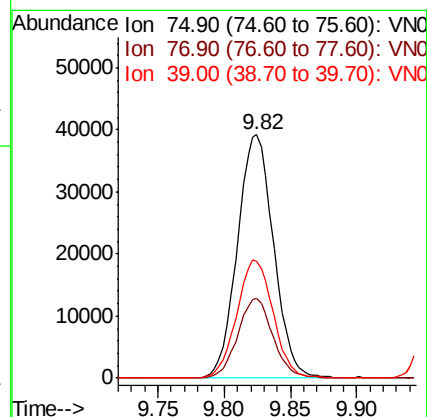
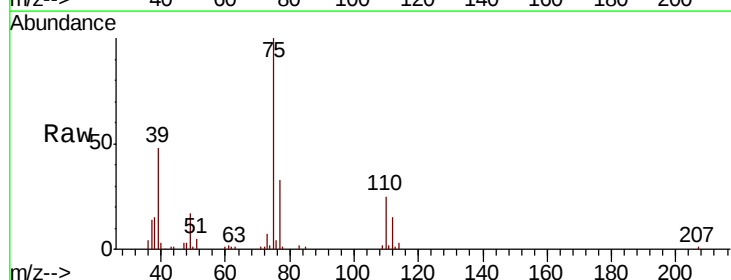
Tgt Ion: 75 Resp: 74334

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 48.0 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 24.013 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 43753

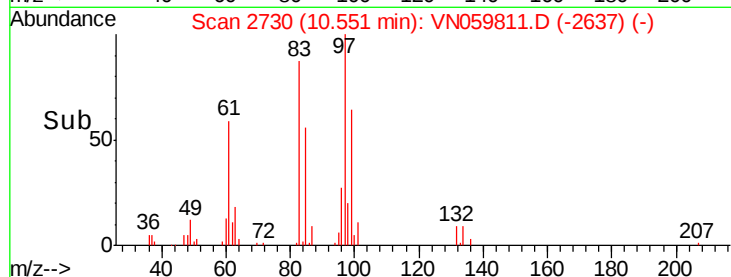
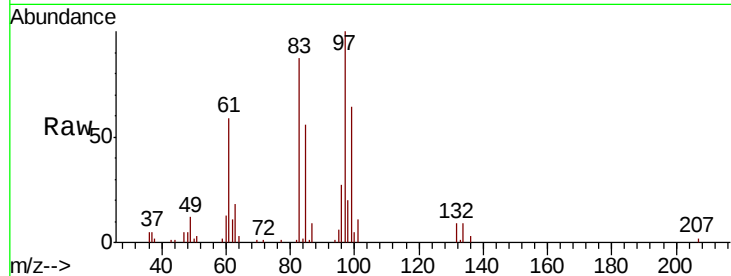
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.3	106.9
85	56.0	45.8	68.8
99	63.5	50.0	75.0

97 100

83 86.6 71.3 106.9

85 56.0 45.8 68.8

99 63.5 50.0 75.0



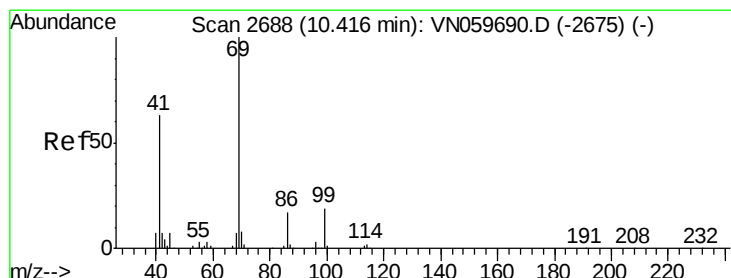
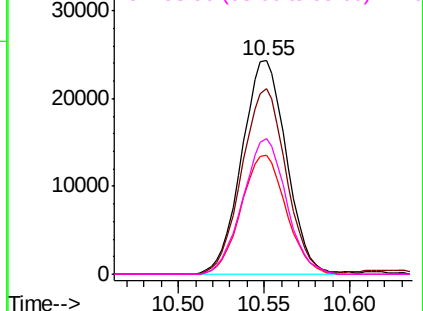
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 21.769 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

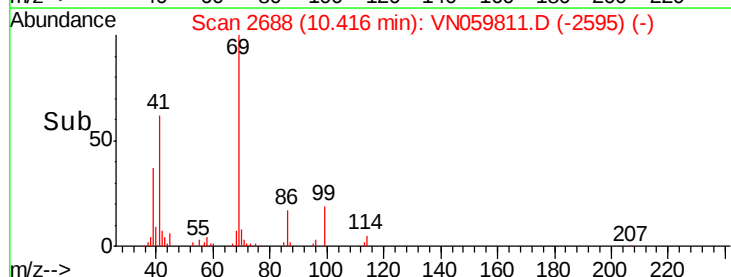
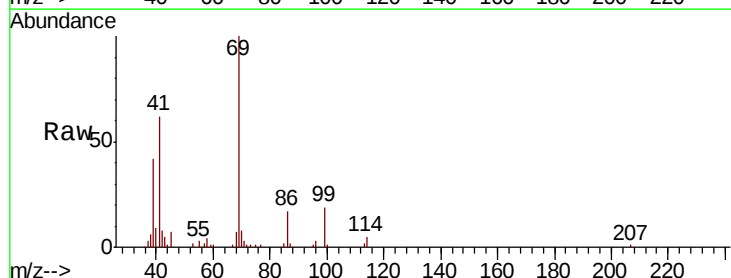
Tgt Ion: 69 Resp: 60605

Ion	Ratio	Lower	Upper
69	100		
41	63.4	57.1	85.7
39	41.2	34.7	52.1

69 100

41 63.4 57.1 85.7

39 41.2 34.7 52.1

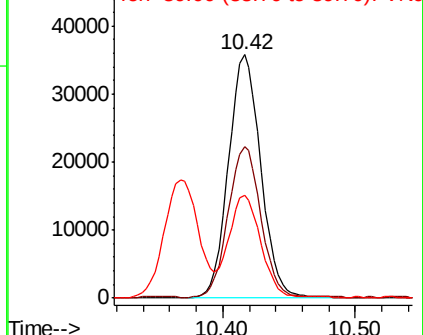


Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 24.235 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

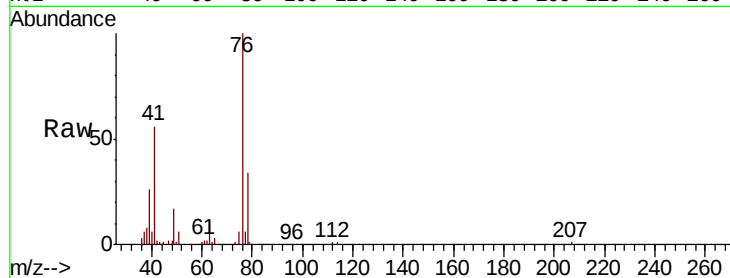
ClientSampleId :

Tot Ion: 76 Resp: 70103

Ion Ratio Lower Upper

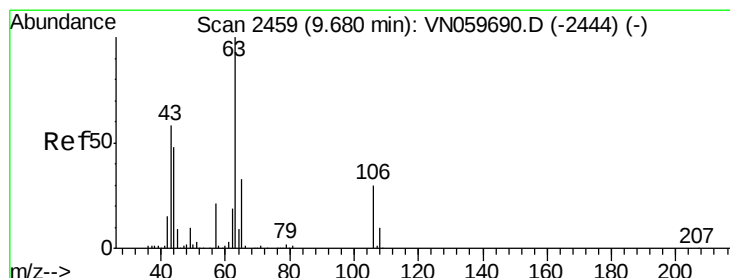
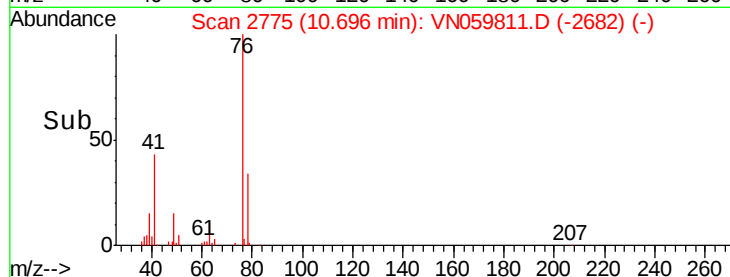
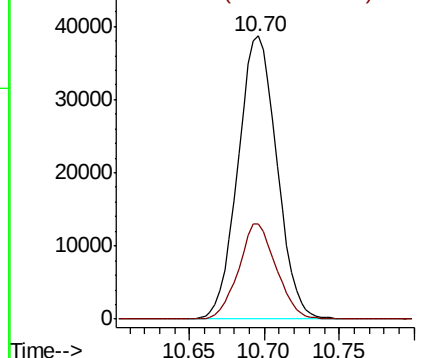
76 100

78 32.5 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: 83.960 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059811.D

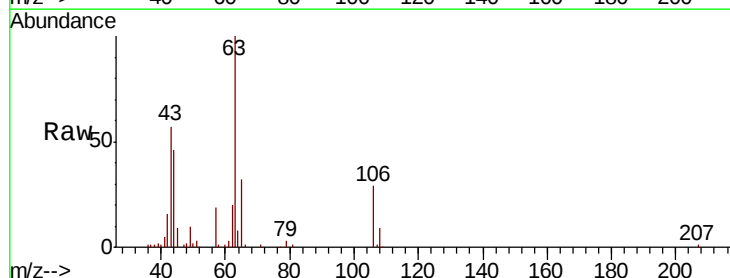
Acq: 21 Jan 2020 15:56

Tgt Ion: 63 Resp: 70406

Ion Ratio Lower Upper

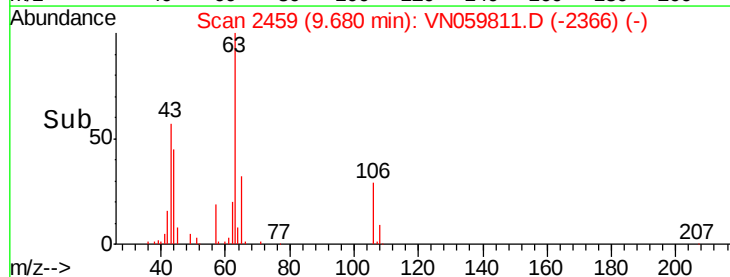
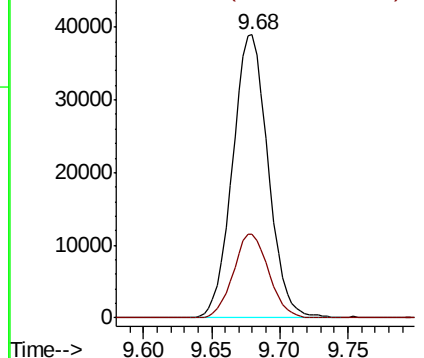
63 100

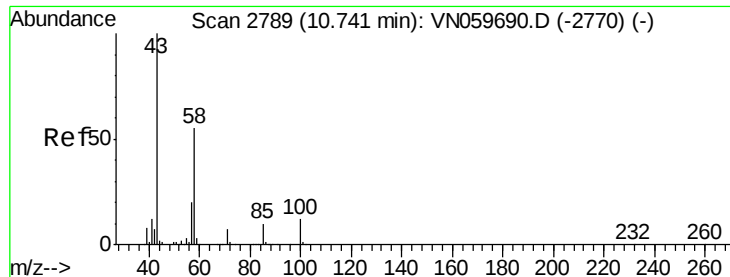
106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

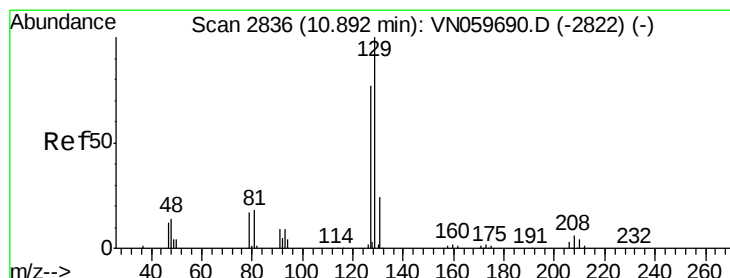
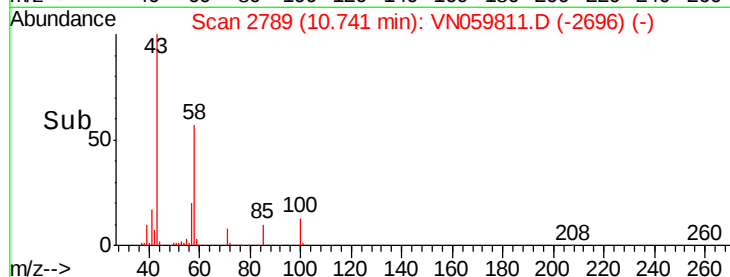
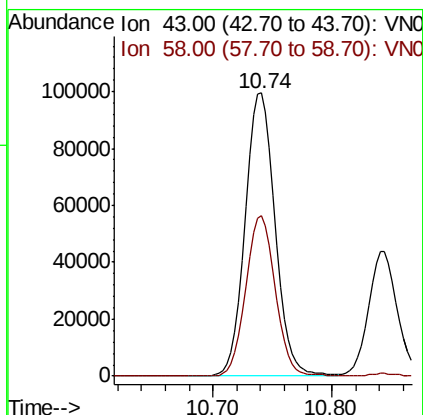
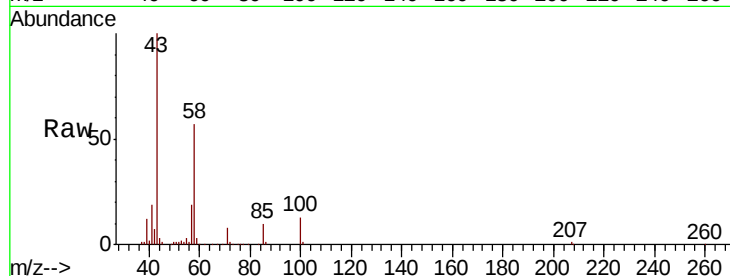




#59
2-Hexanone
Concen: 102.843 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

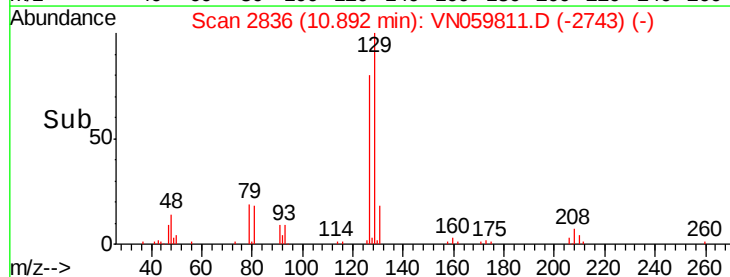
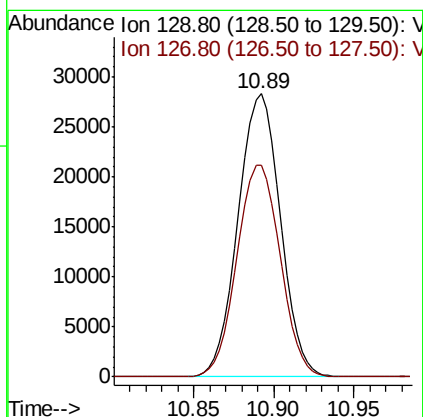
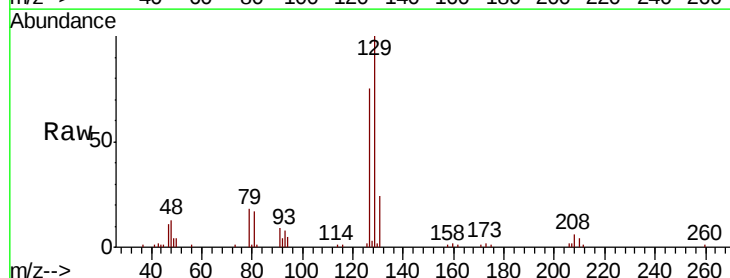
Instrument :
MSVOA_N
ClientSampled :

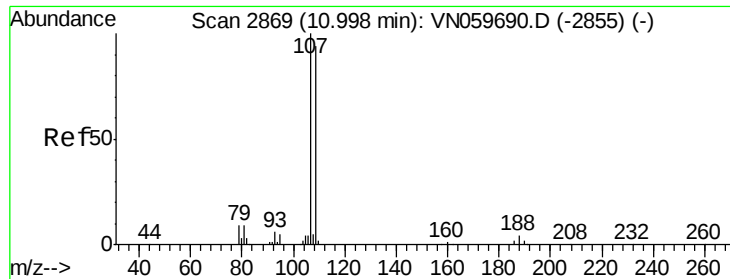
Tot Ion: 43 Resp: 172548
Ion Ratio Lower Upper
43 100
58 56.2 25.8 77.3



#60
Dibromochloromethane
Concen: 24.698 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:129 Resp: 51244
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

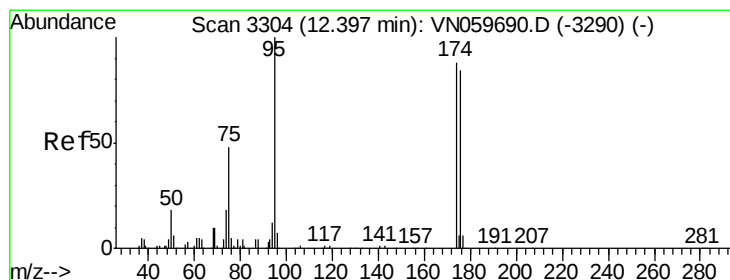
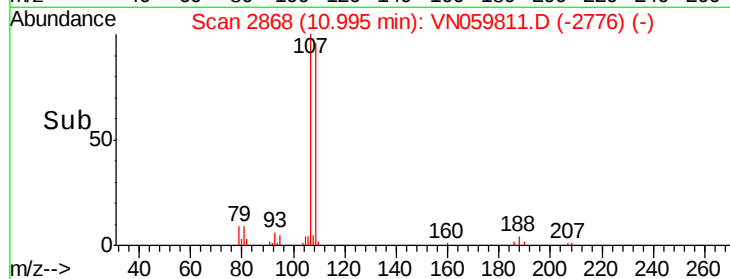
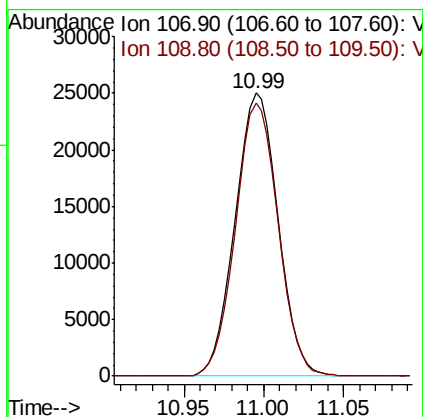
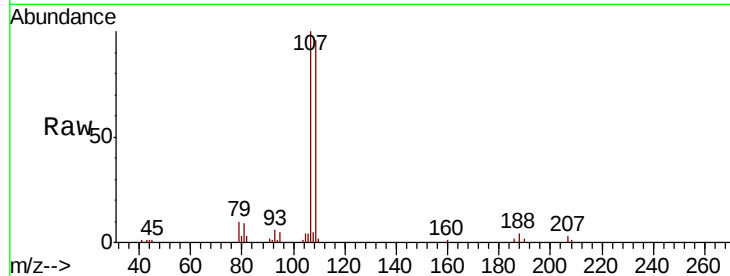




#61
 1,2-Dibromoethane
 Concen: 23.927 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

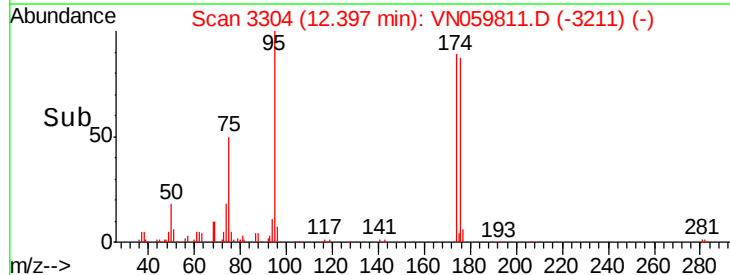
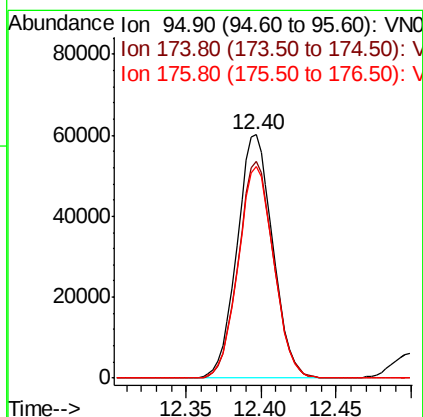
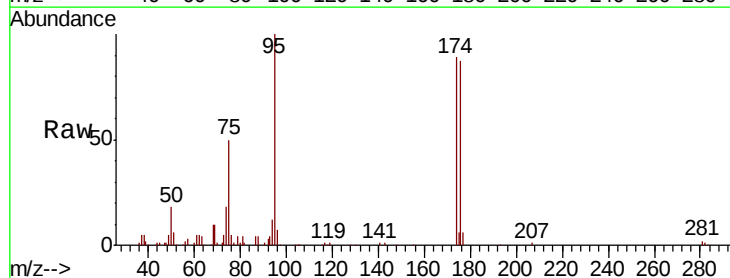
Instrument :
 MSVOA_N
 ClientSampled :

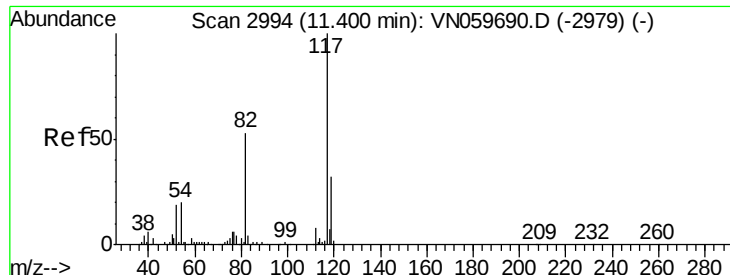
Tot Ion:107 Resp: 45694
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 42.682 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 95 Resp: 99697
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 151.4
 176 86.5 0.0 146.0

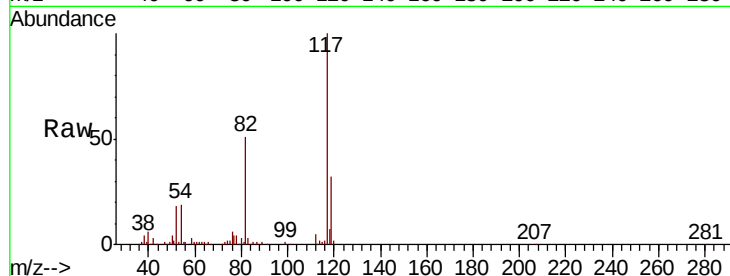




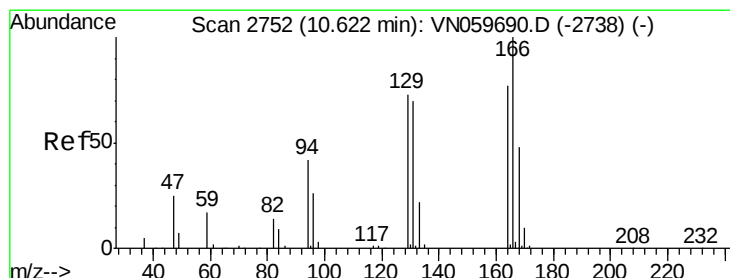
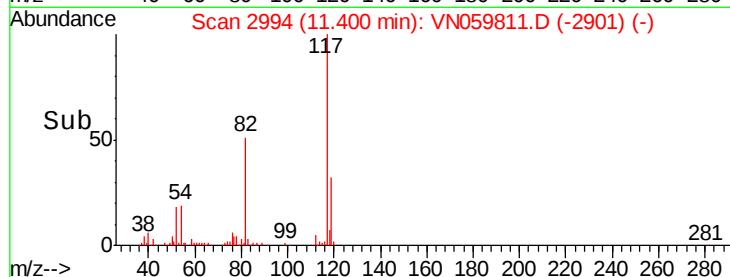
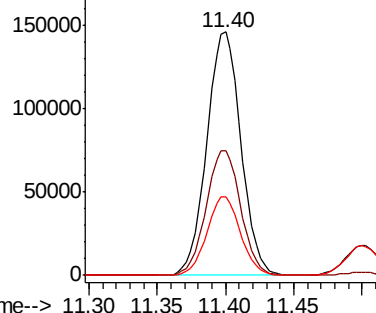
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 253062
Ion Ratio Lower Upper
117 100
82 51.2 45.9 68.9
119 32.2 25.5 38.3

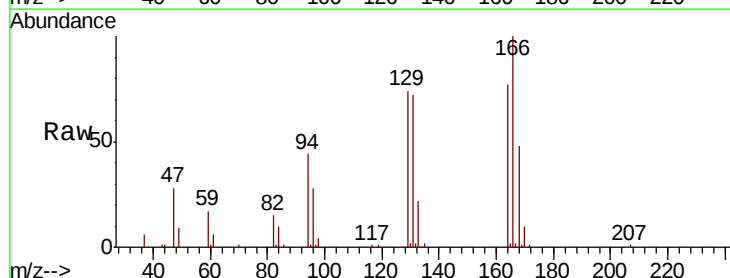


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

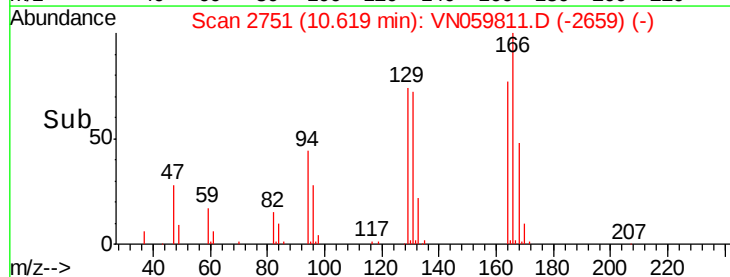
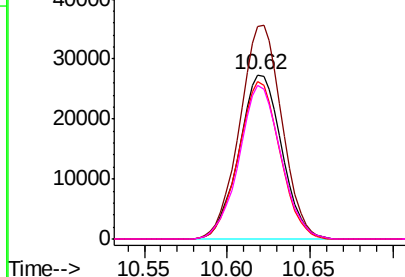


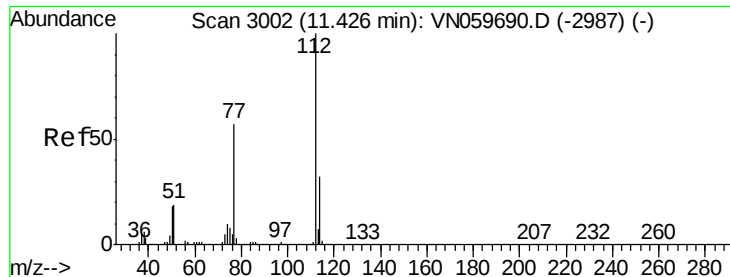
#64
Tetrachloroethene
Concen: 23.814 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:164 Resp: 49116
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.0
129 95.5 80.2 120.4
131 93.6 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

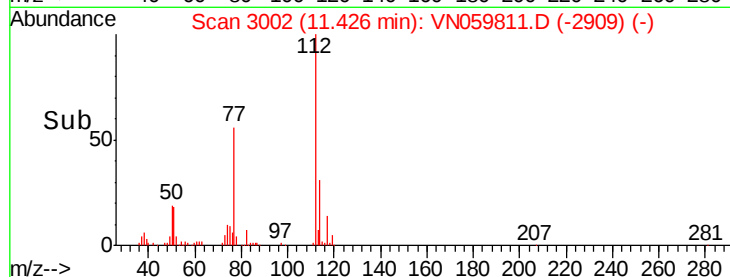
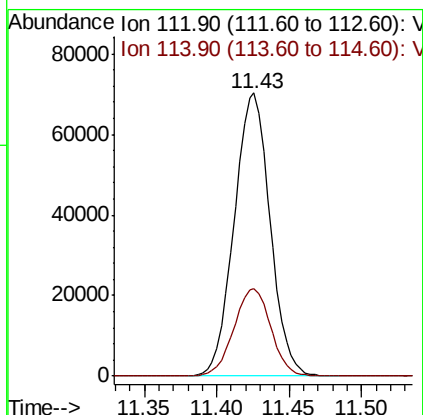
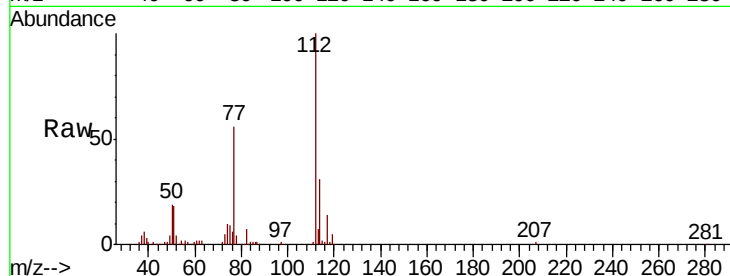




#65
Chlorobenzene
Concen: 24.300 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

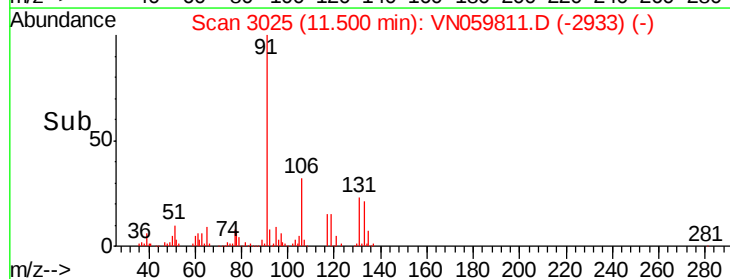
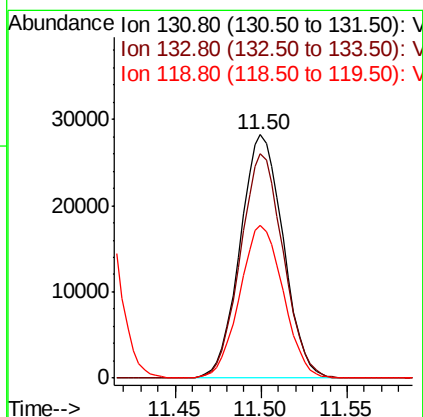
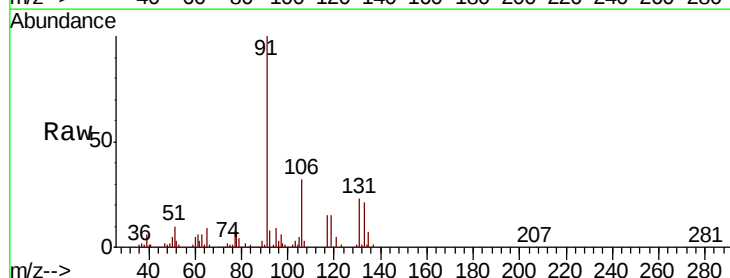
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 120867
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 25.468 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:131 Resp: 48949
Ion Ratio Lower Upper
131 100
133 92.0 47.4 142.2
119 63.3 33.1 99.3

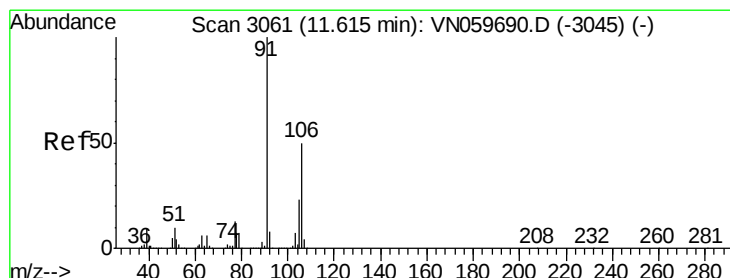
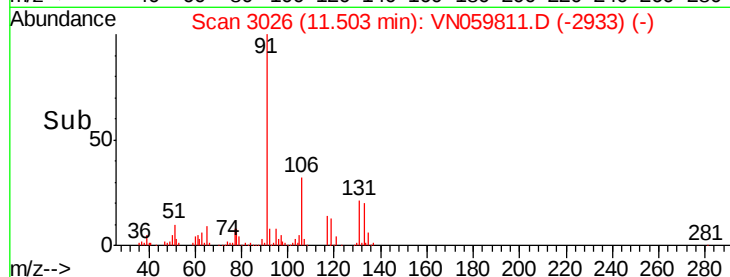
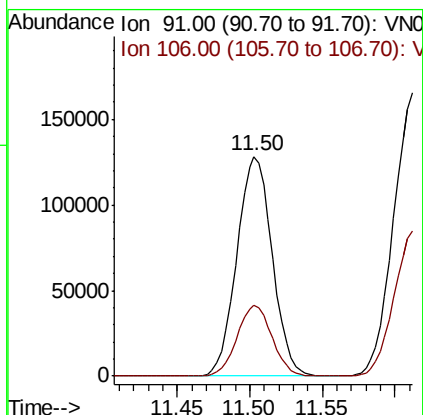
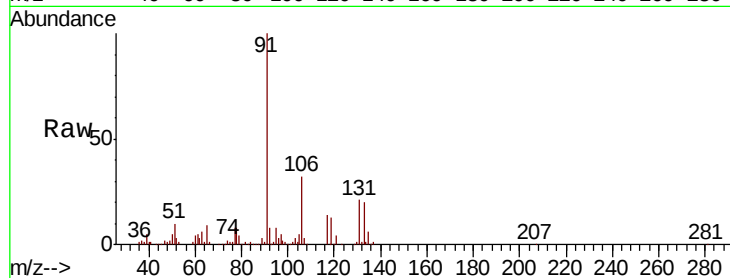




#67
Ethyl Benzene
Concen: 24.038 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

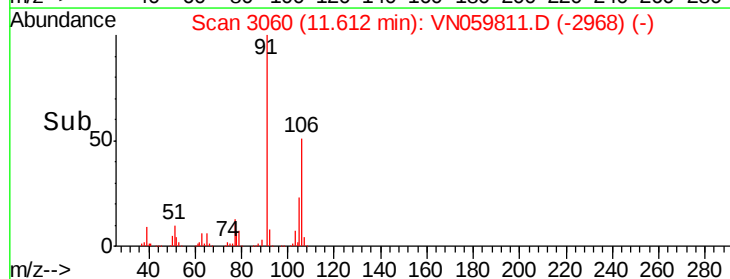
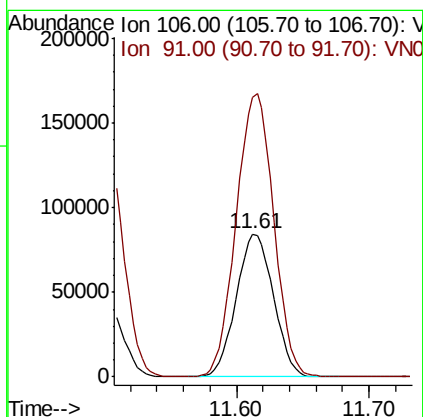
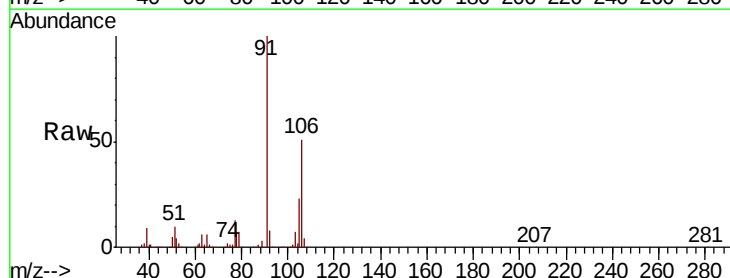
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 217048
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1



#68
m/p-Xylenes
Concen: 48.221 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 106 Resp: 164472
Ion Ratio Lower Upper
106 100
91 199.9 167.9 251.9

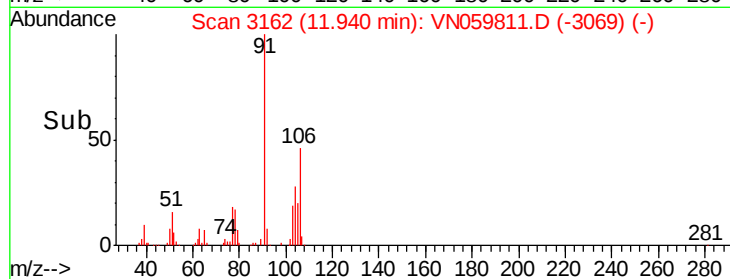
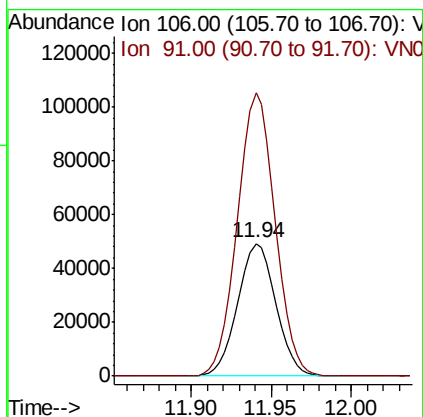
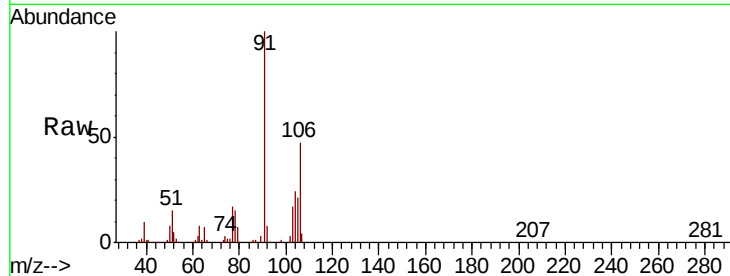




#69
o-Xylene
Concen: 23.929 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

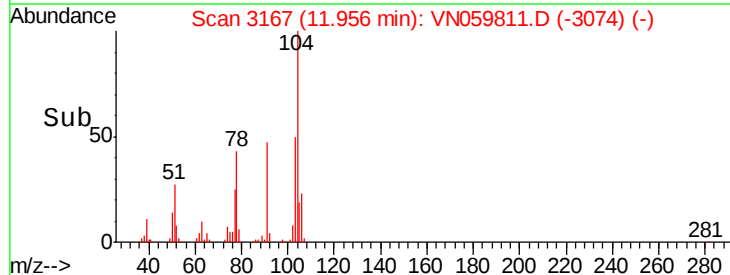
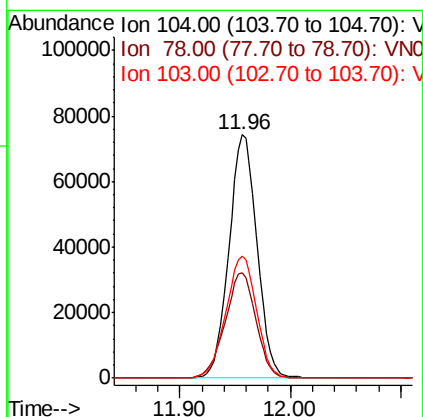
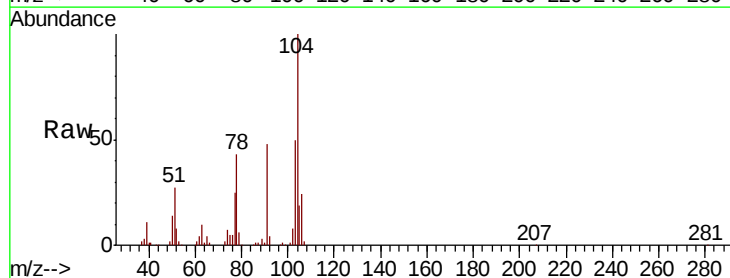
Instrument :
MSVOA_N
ClientSampled :

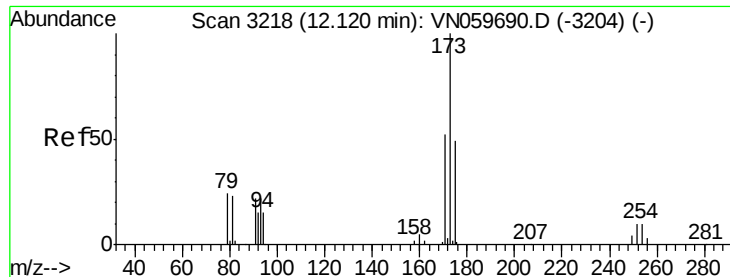
Tot Ion:106 Resp: 79905
Ion Ratio Lower Upper
106 100
91 211.4 110.3 330.9



#70
Styrene
Concen: 23.437 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:104 Resp: 130959
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 54.8 43.9 65.9

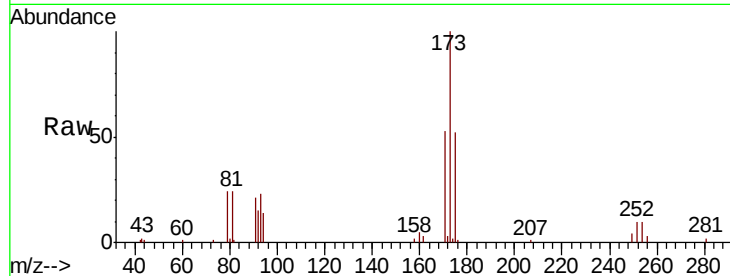




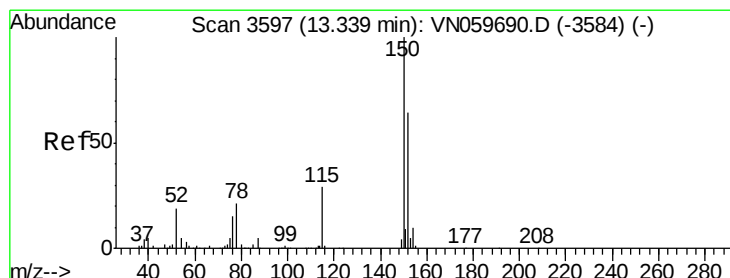
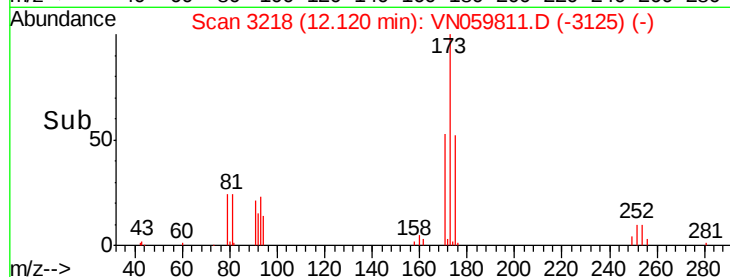
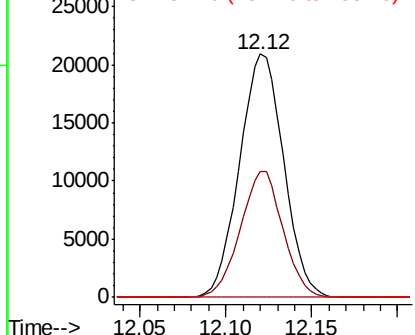
#71
Bromoform
Concen: 24.168 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 37207
Ion Ratio Lower Upper
173 100
175 50.1 23.8 71.4
254 0.0 0.0 0.0

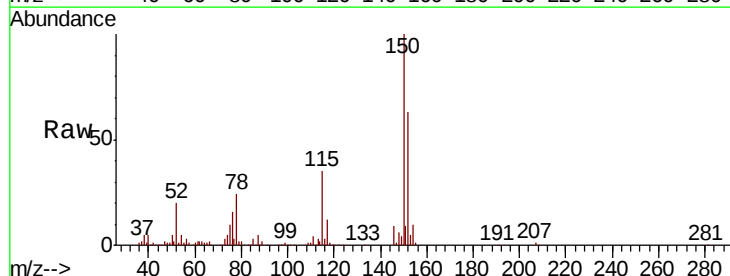


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

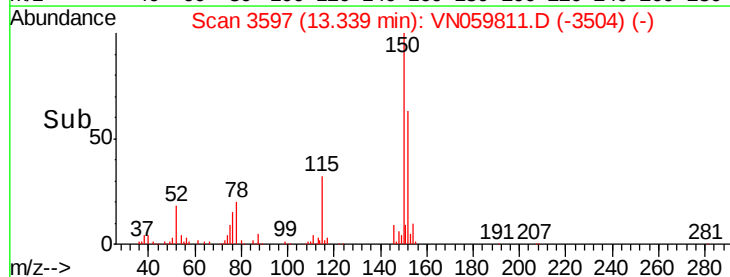
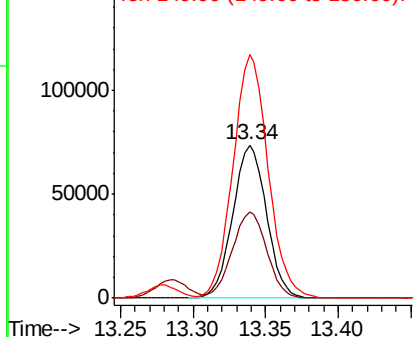


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:152 Resp: 118927
Ion Ratio Lower Upper
152 100
115 57.5 30.3 90.9
150 165.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 24.830 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

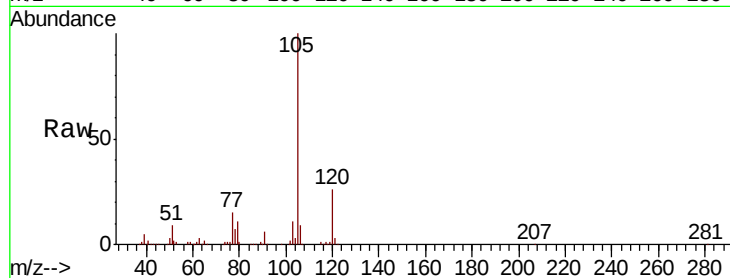
ClientSampled :

Tot Ion:105 Resp: 216569

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

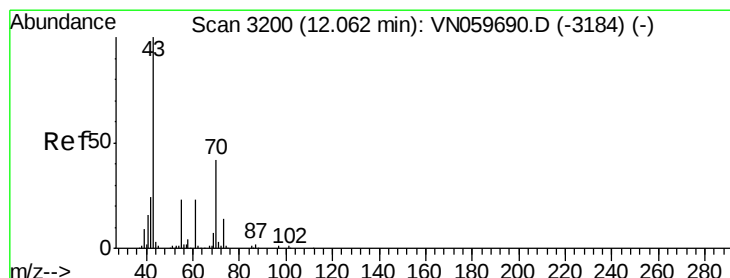
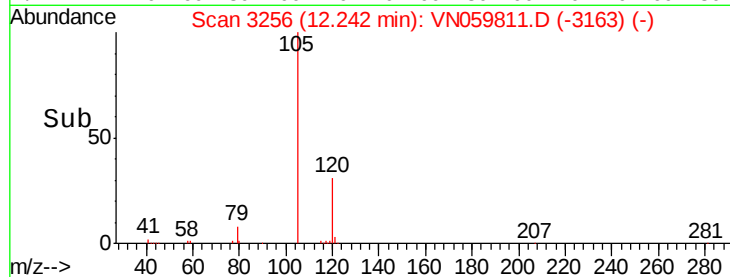
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.379 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion: 43 Resp: 72356

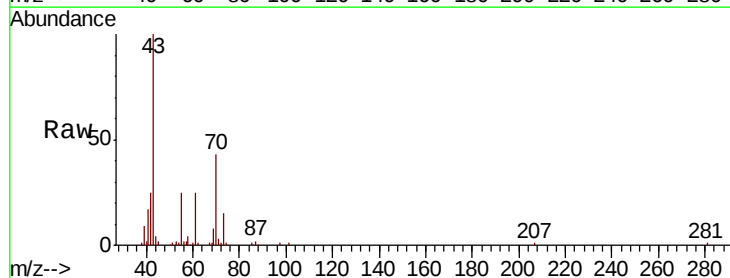
Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 24.5 19.8 29.6

61 24.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.06

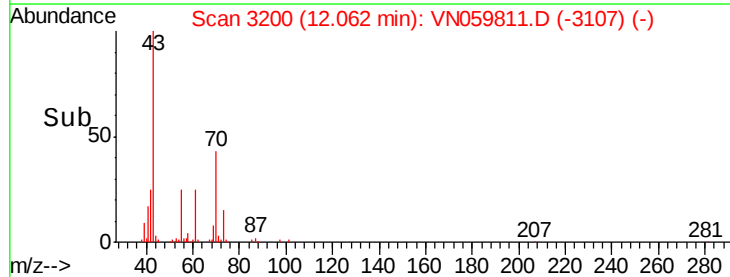
60000

40000

20000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 23.160 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

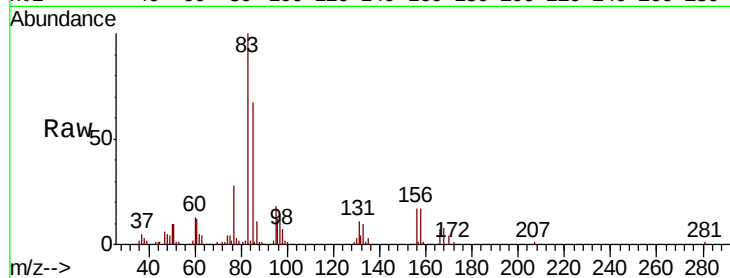
Tot Ion: 83 Resp: 58560

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

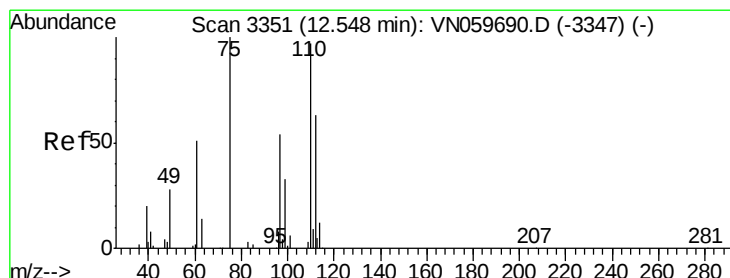
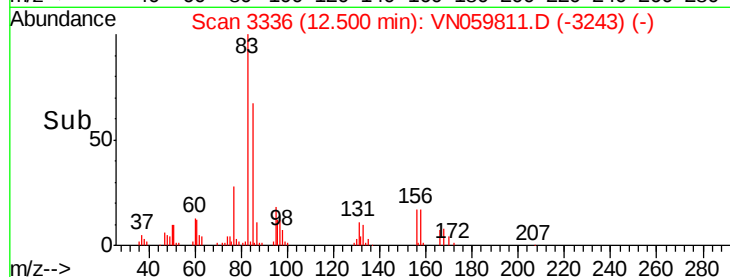
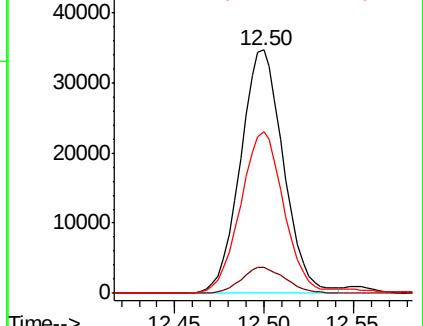
85 68.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059811.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059811.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059811.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 39.299 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059811.D

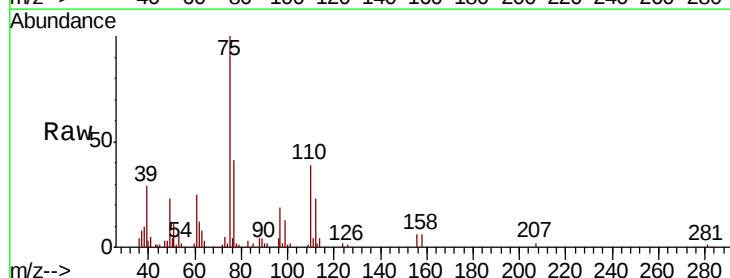
Acq: 21 Jan 2020 15:56

Tgt Ion: 75 Resp: 78654

Ion Ratio Lower Upper

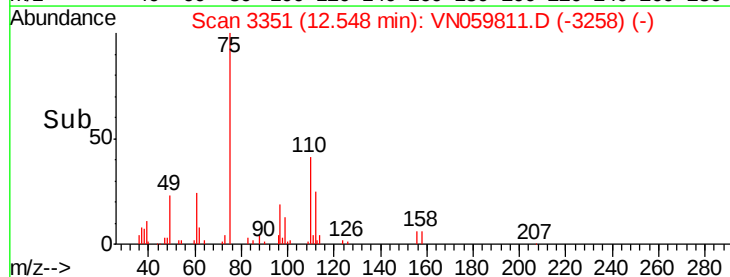
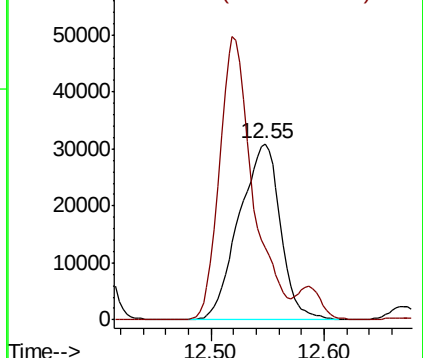
75 100

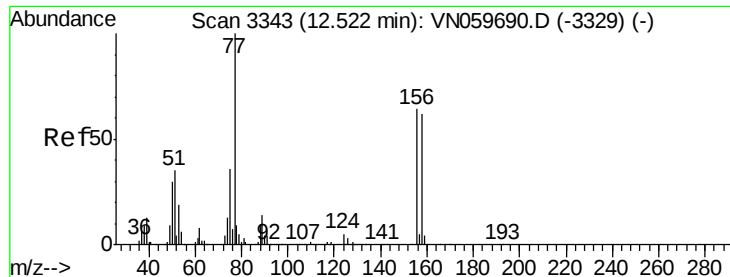
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059811.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059811.D (-3258) (-)





#77

Bromobenzene

Concen: 25.359 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

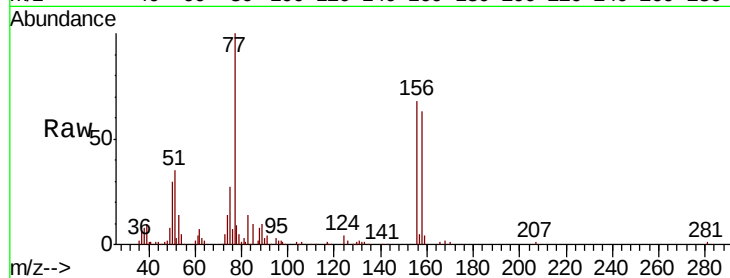
Tot Ion:156 Resp: 56012

Ion Ratio Lower Upper

156 100

77 181.8 115.8 347.4

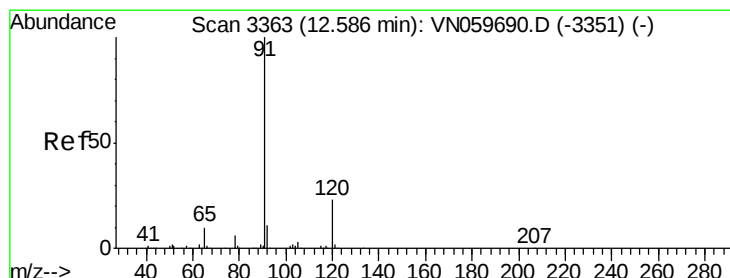
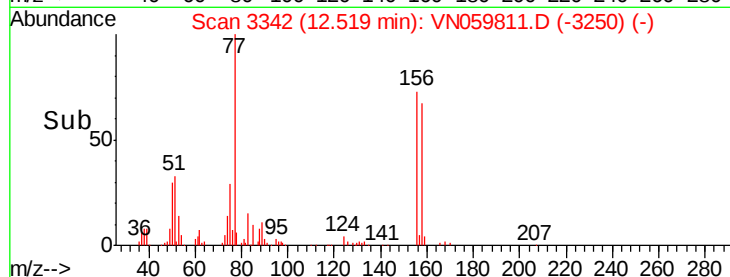
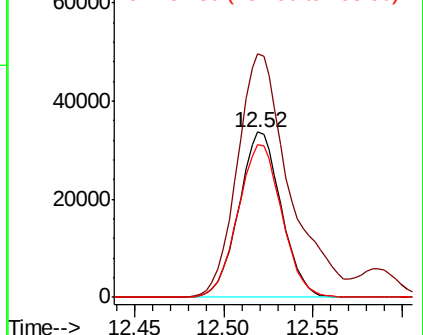
158 95.7 49.2 147.6



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: 24.375 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059811.D

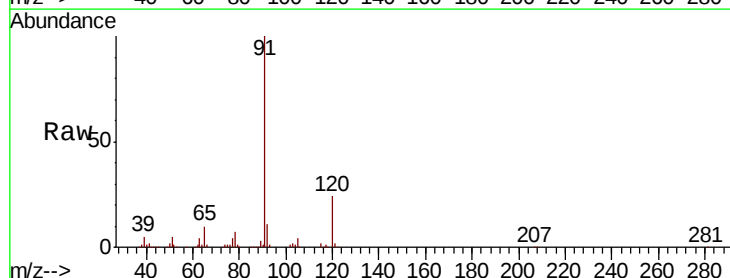
Acq: 21 Jan 2020 15:56

Tgt Ion: 91 Resp: 238621

Ion Ratio Lower Upper

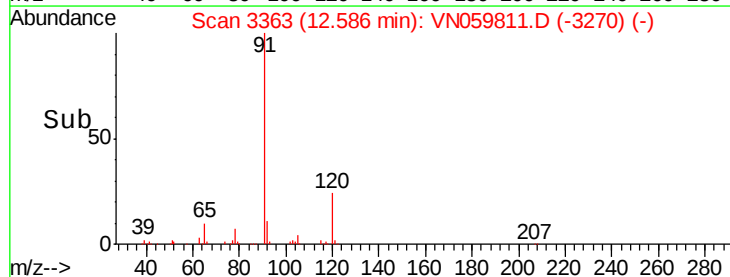
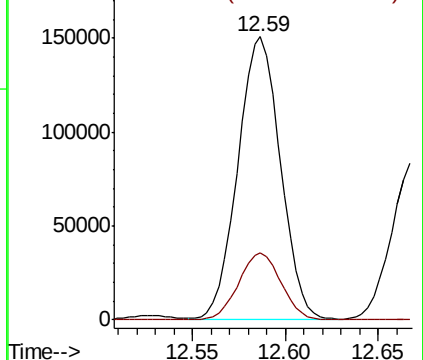
91 100

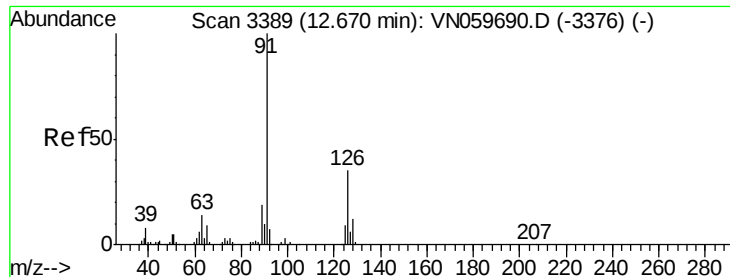
120 23.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.333 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

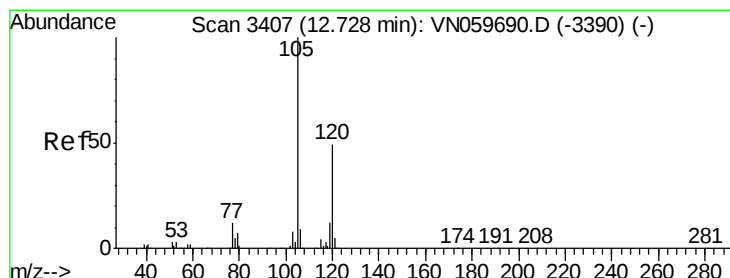
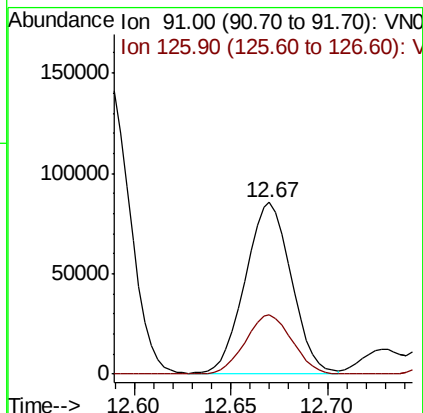
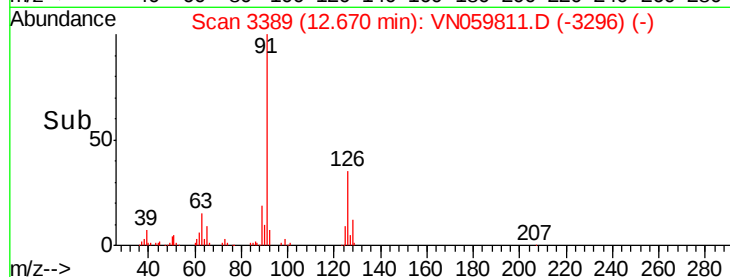
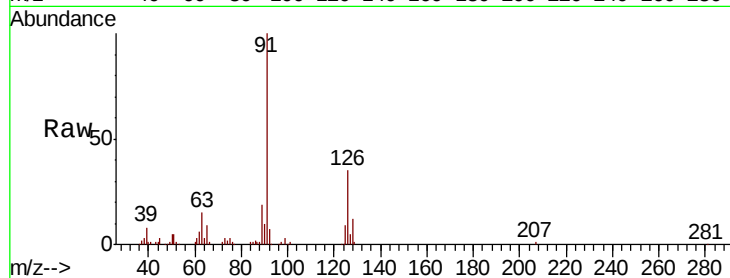
ClientSampled :

Tot Ion: 91 Resp: 141711

Ion Ratio Lower Upper

91 100

126 35.2 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 24.455 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059811.D

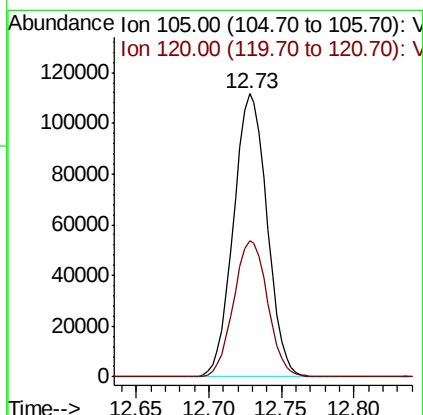
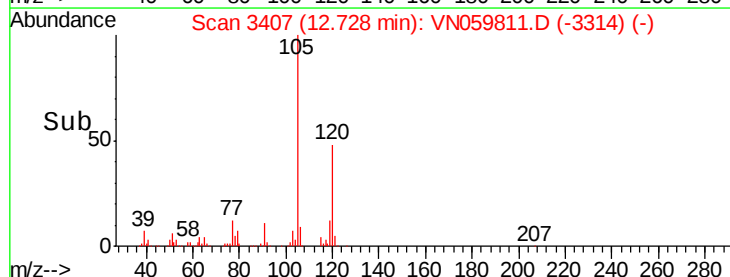
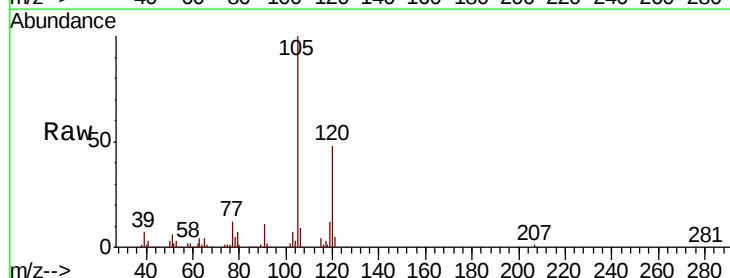
Acq: 21 Jan 2020 15:56

Tgt Ion: 105 Resp: 179380

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

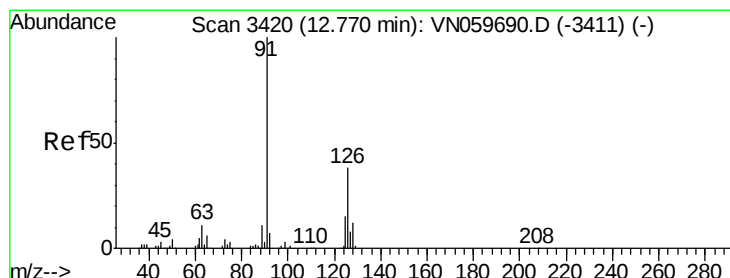
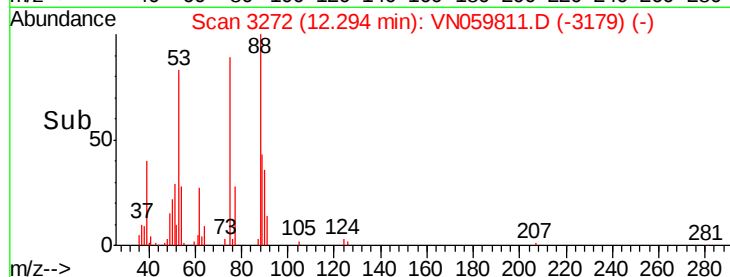
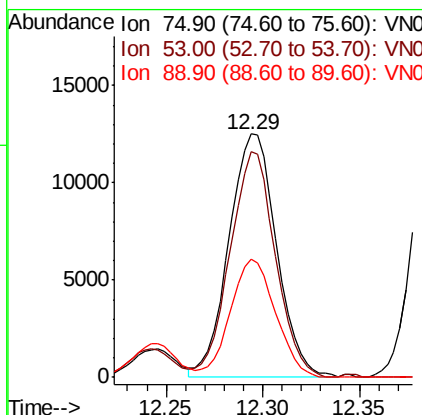
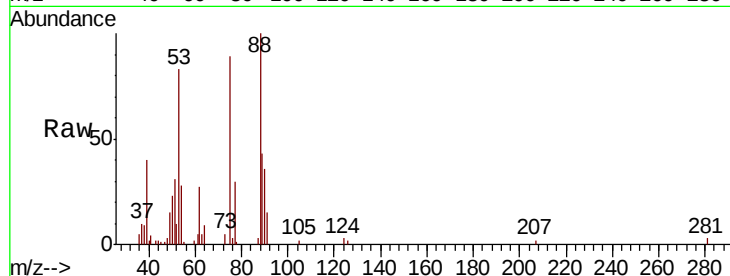




#81
trans-1,4-Dichloro-2-butene
Concen: 22.952 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

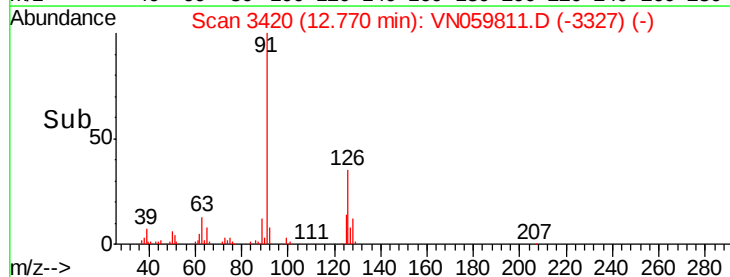
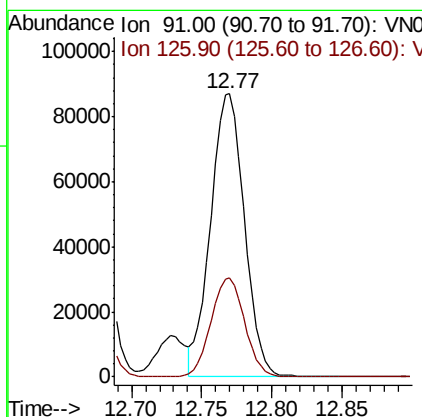
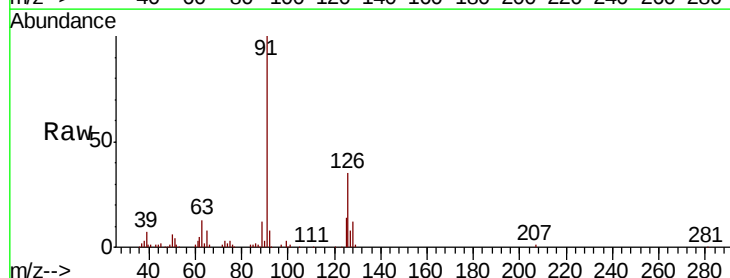
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 21391
Ion Ratio Lower Upper
75 100
53 88.6 78.1 117.1
89 46.1 35.4 53.2



#82
4-Chlorotoluene
Concen: 24.814 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 91 Resp: 144949
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

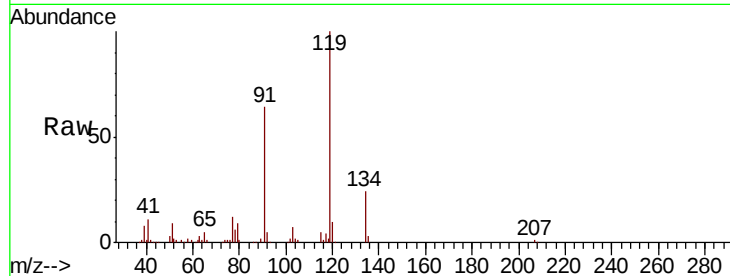




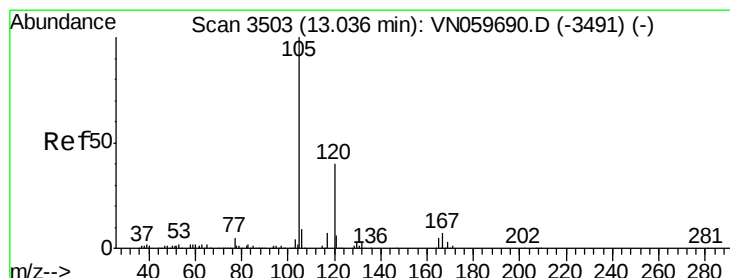
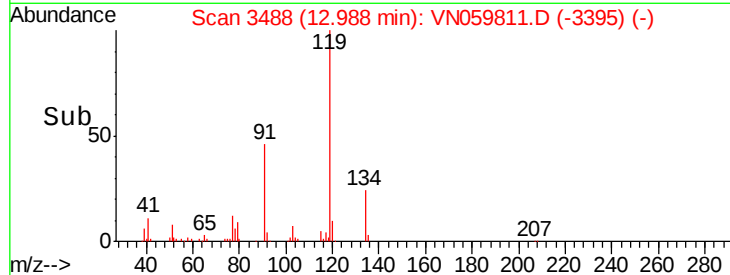
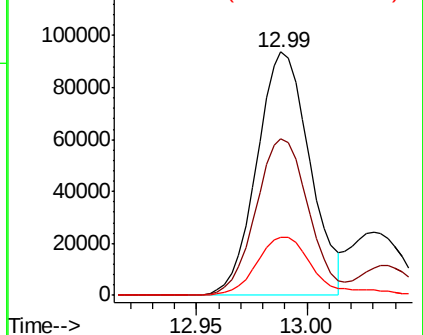
#83
tert-Butylbenzene
Concen: 24.548 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 155735
Ion Ratio Lower Upper
119 100
91 64.1 34.8 104.4
134 26.1 12.3 36.9

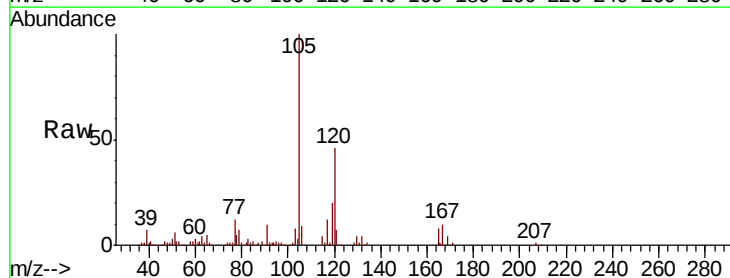


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

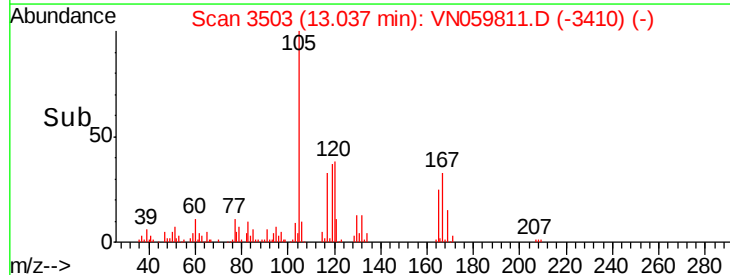
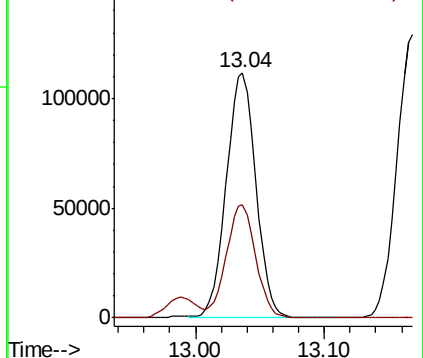


#84
1,2,4-Trimethylbenzene
Concen: 24.534 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:105 Resp: 178040
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9



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

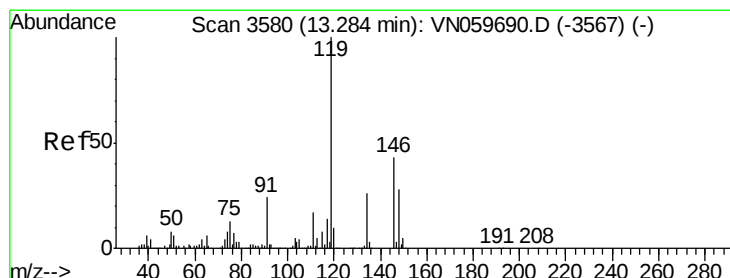
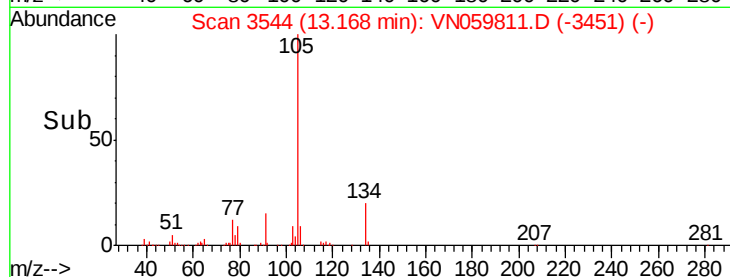
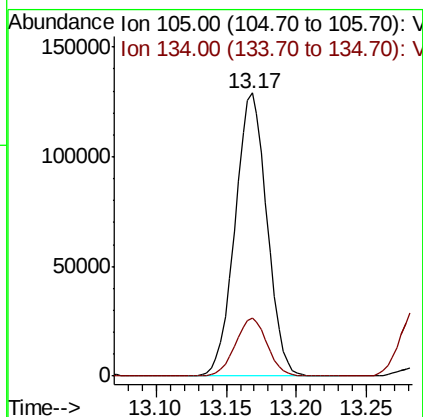
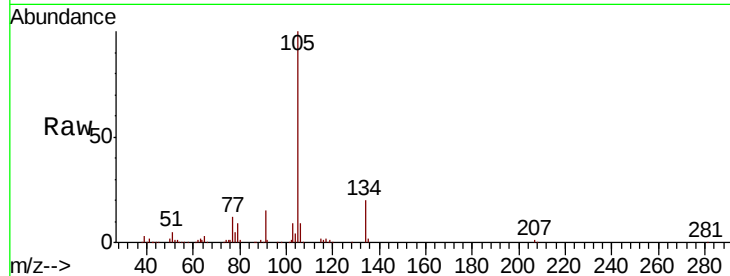




#85
 sec-Butylbenzene
 Concen: 24.551 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

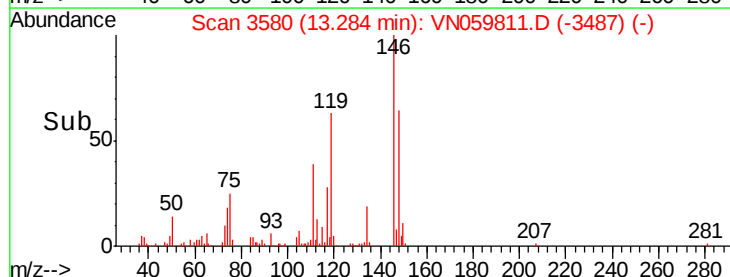
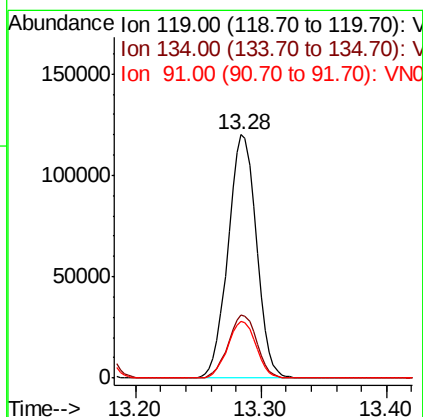
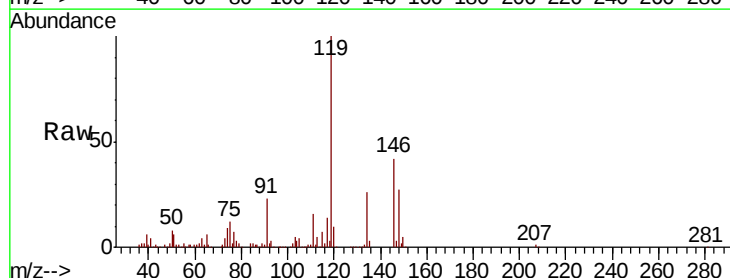
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 204639
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 24.318 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion:119 Resp: 187549
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 24.781 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

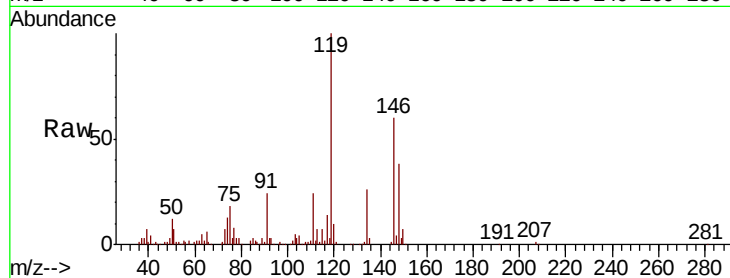
Tot Ion:146 Resp: 95078

Ion Ratio Lower Upper

146 100

111 38.4 20.8 62.2

148 63.9 32.0 96.0

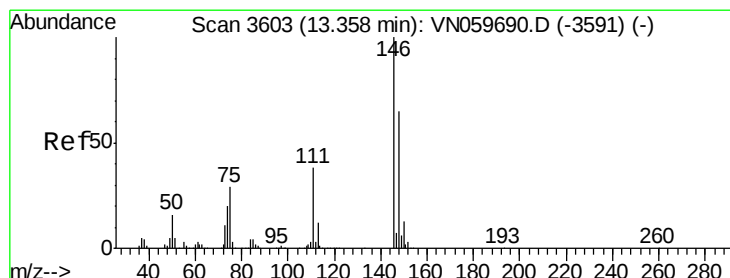
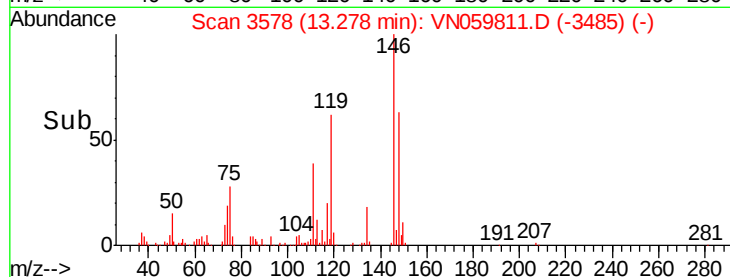
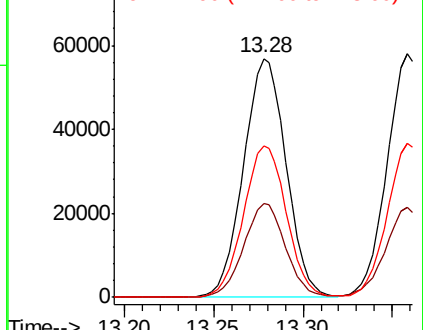


Abundance

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: 24.802 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

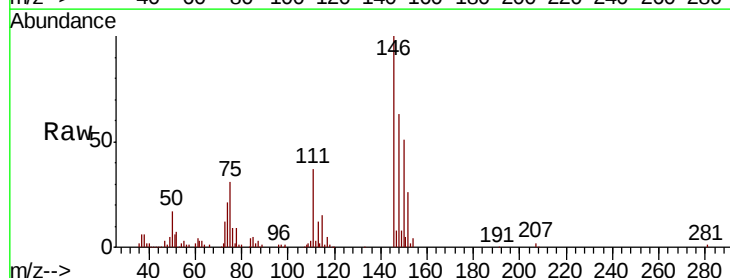
Tgt Ion:146 Resp: 94931

Ion Ratio Lower Upper

146 100

111 38.1 20.8 62.2

148 63.9 31.8 95.4

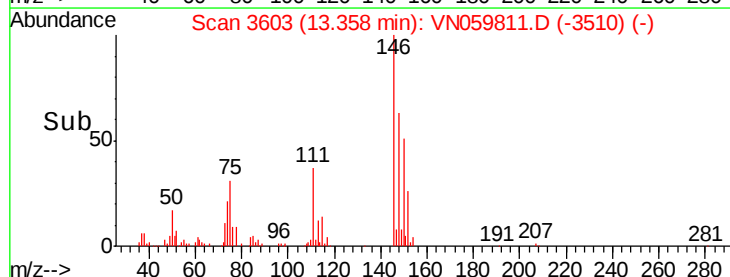
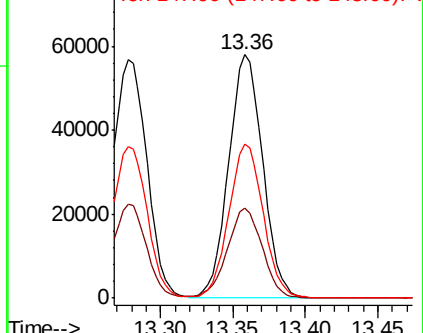


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

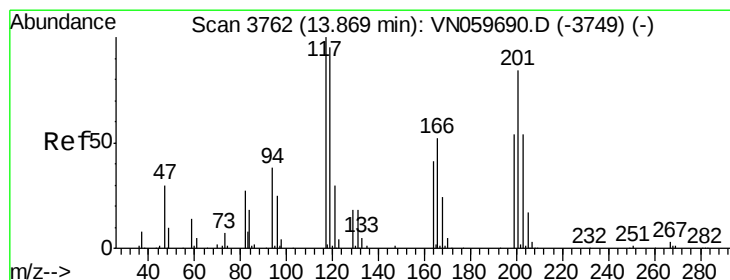
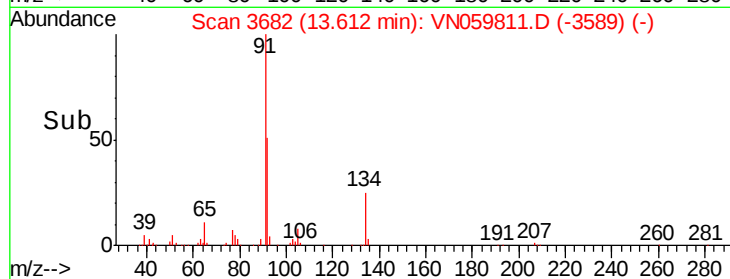
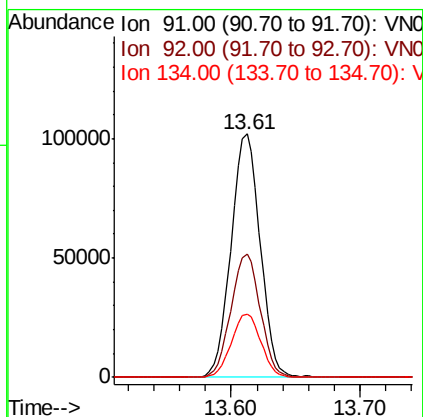
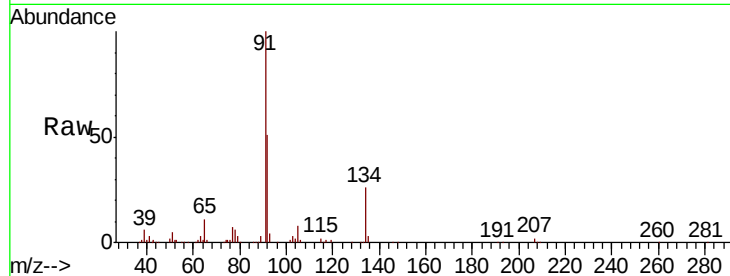




#89
n-Butylbenzene
Concen: 24.344 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

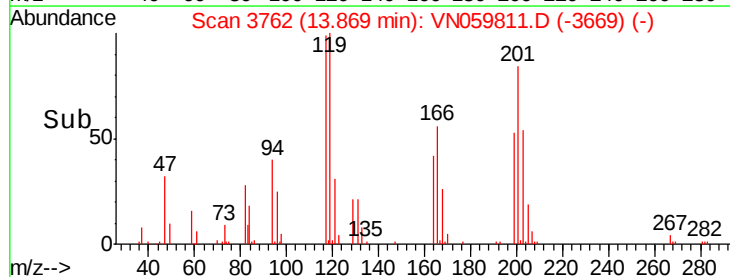
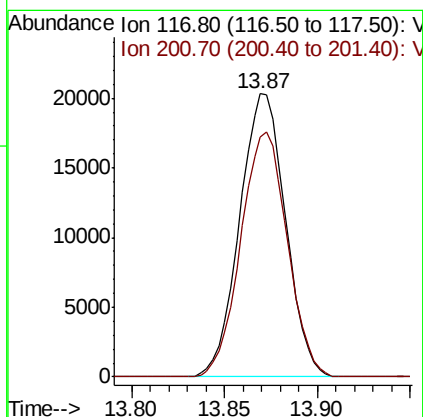
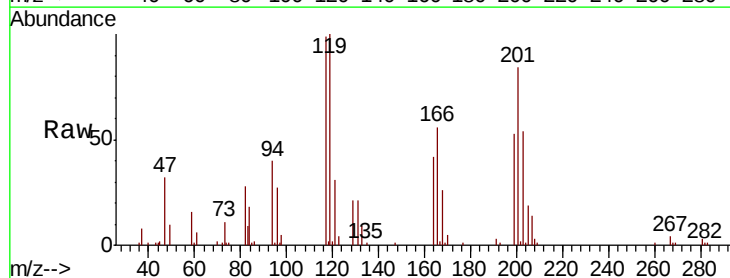
Instrument :
MSVOA_N
ClientSampled :

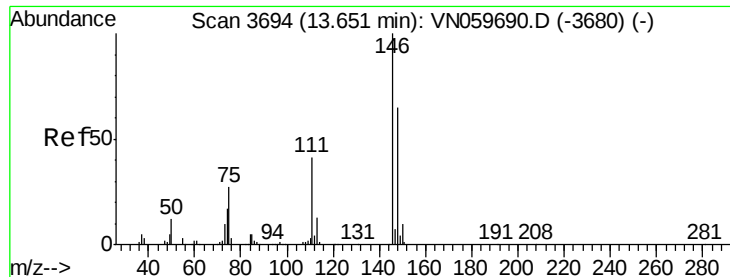
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.9	77.7
134	26.4	12.3	36.8



#90
Hexachloroethane
Concen: 24.164 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	37.8	113.4

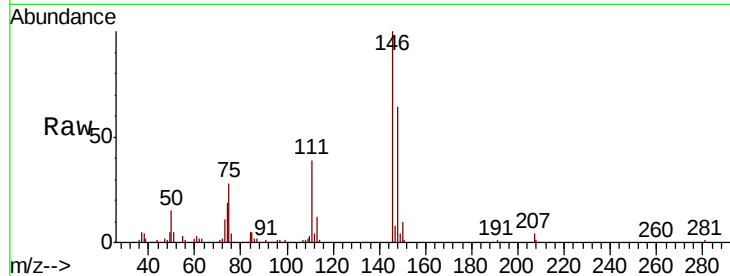




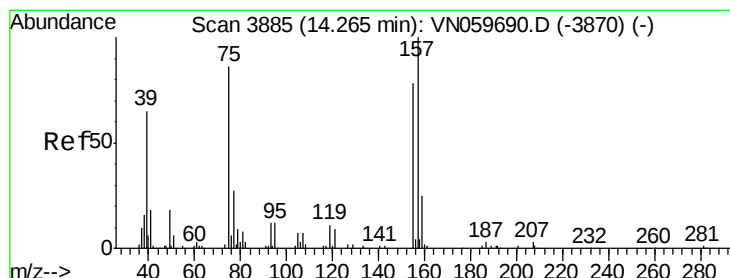
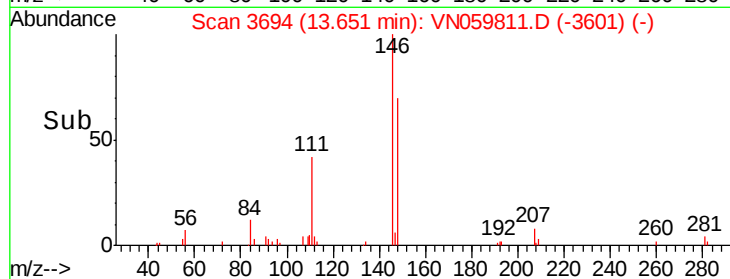
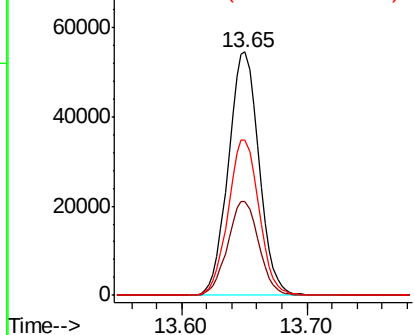
#91
 1,2-Dichlorobenzene
 Concen: 24.349 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.6	64.8
148	64.5	31.6	95.0

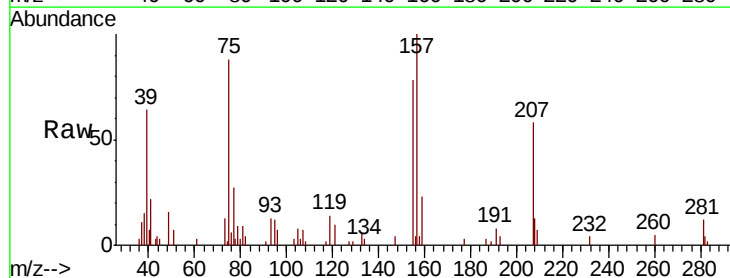


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

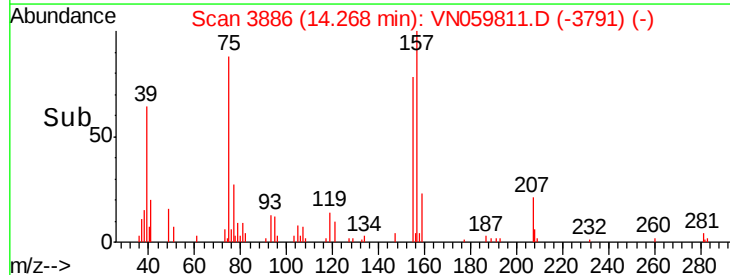
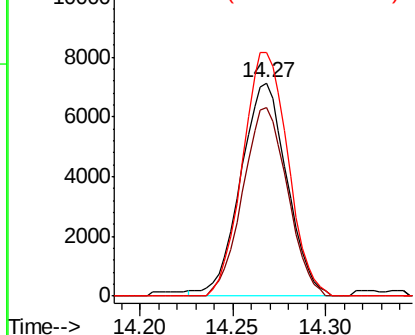


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.603 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	37.0	110.9
157	111.7	48.4	145.2



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

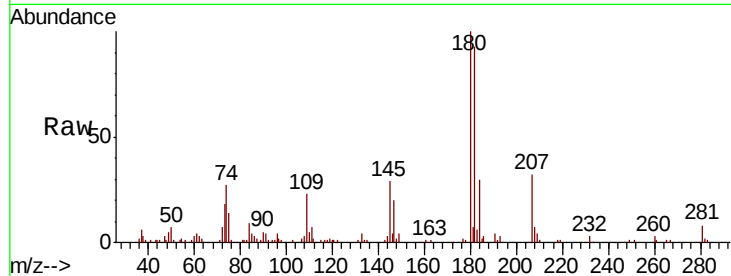




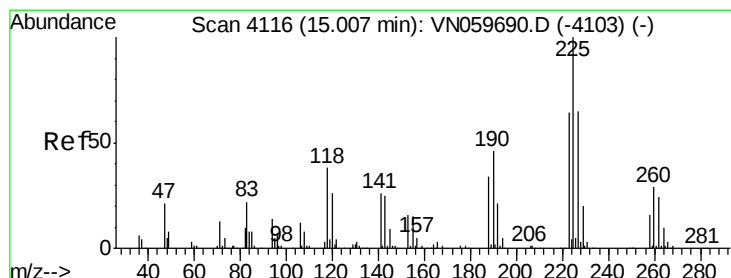
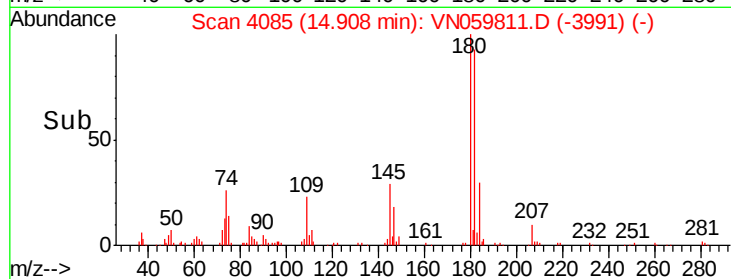
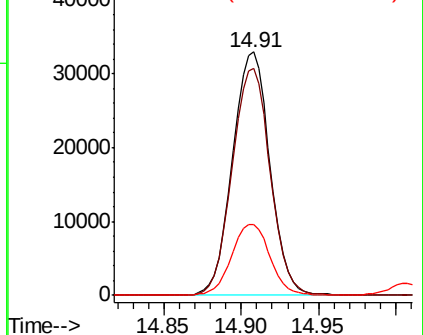
#93
 1,2,4-Trichlorobenzene
 Concen: 24.212 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 55184
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 29.8 15.0 45.1

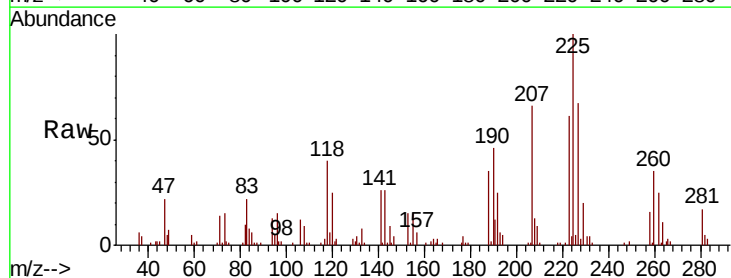


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

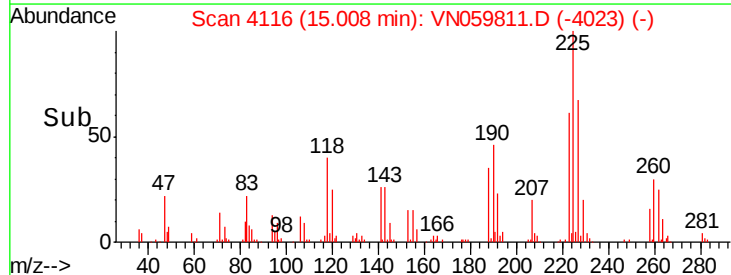
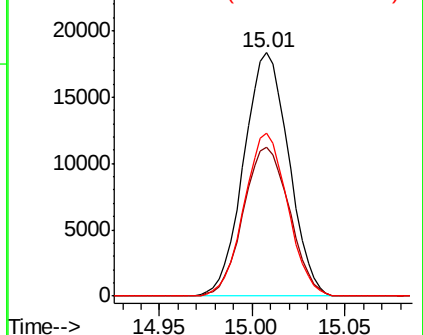


#94
 Hexachlorobutadiene
 Concen: 24.595 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion:225 Resp: 30891
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.8 95.3
 227 64.7 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

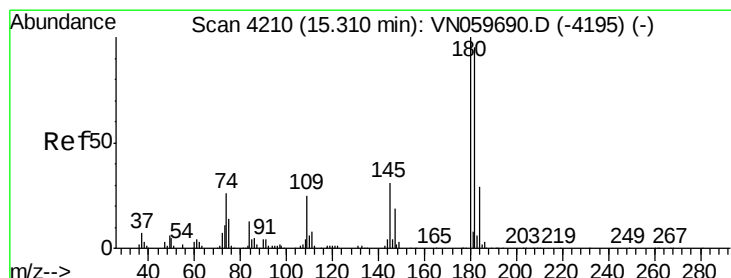
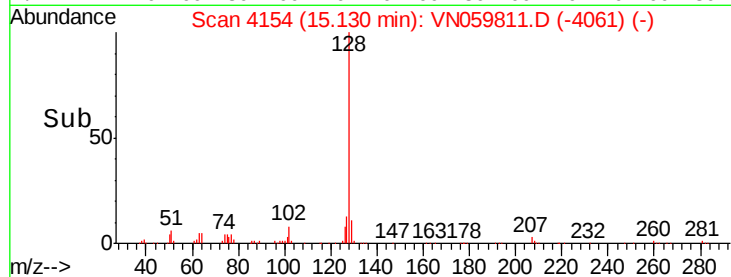
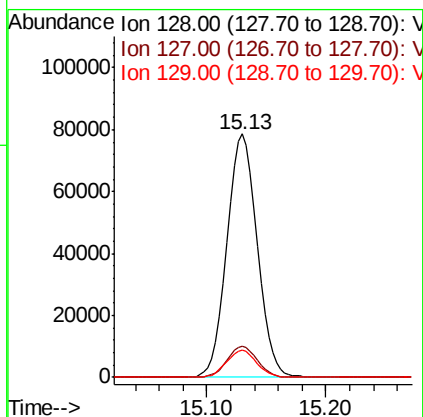
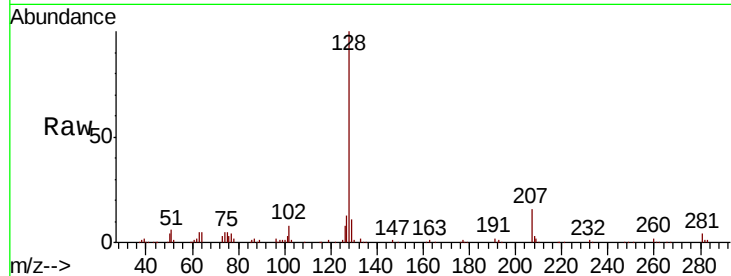




#95
Naphthalene
Concen: 21.419 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 138853
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 23.417 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion:180 Resp: 51949
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 32.1 16.3 48.9

