

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059311.D
 Acq On : 19 Nov 2019 17:36
 Operator : JC/SP
 Sample : VN1119WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	386345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	542761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249149	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	225479	47.48	ug/l	0.00
Spiked Amount						
			Recovery	=	94.96%	
35) Dibromofluoromethane	7.57	113	183173	50.23	ug/l	0.00
Spiked Amount						
			Recovery	=	100.46%	
50) Toluene-d8	10.08	98	676597	47.10	ug/l	0.00
Spiked Amount						
			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.40	95	252097	48.68	ug/l	0.00
Spiked Amount						
			Recovery	=	97.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	109606	28.158	ug/l	99
3) Chloromethane	2.04	50	126155	23.842	ug/l	99
4) Vinyl Chloride	2.17	62	132823	25.891	ug/l	100
5) Bromomethane	2.55	94	71695	24.286	ug/l	99
6) Chloroethane	2.69	64	67699	22.308	ug/l	99
7) Trichlorofluoromethane	3.00	101	134463	21.913	ug/l	100
8) Diethyl Ether	3.38	74	55956	22.443	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	83472	22.562	ug/l	99
10) Methyl Iodide	3.93	142	98680	21.548	ug/l	100
11) Tert butyl alcohol	4.74	59	84822	93.717	ug/l	98
12) 1,1-Dichloroethene	3.71	96	81617	22.646	ug/l	97
13) Acrolein	3.58	56	32189	68.980	ug/l	98
14) Allyl chloride	4.29	41	151689	20.490	ug/l	98
15) Acrylonitrile	4.95	53	229143	101.730	ug/l	97
16) Acetone	3.79	43	223301	90.418	ug/l	97
17) Carbon Disulfide	4.03	76	259582	23.203	ug/l	99
18) Methyl Acetate	4.29	43	136327	23.256	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	273987	22.081	ug/l	100
20) Methylene Chloride	4.52	84	96060	22.326	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	89456	23.124	ug/l	92
22) Diisopropyl ether	5.92	45	298476	21.345	ug/l	93
23) Vinyl Acetate	5.86	43	1166257	107.615	ug/l	100
24) 1,1-Dichloroethane	5.82	63	171736	21.989	ug/l	99
25) 2-Butanone	6.80	43	313310	96.259	ug/l	98
26) 2,2-Dichloropropane	6.80	77	143143	20.960	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	98470	21.940	ug/l	98
28) Bromochloromethane	7.17	49	48402	20.599	ug/l	97
29) Tetrahydrofuran	7.18	42	209247	101.176	ug/l	98
30) Chloroform	7.35	83	159949	21.349	ug/l	97
31) Cyclohexane	7.63	56	161232	21.807	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	137584	21.843	ug/l	100
36) 1,1-Dichloropropene	7.77	75	123377	21.613	ug/l	99
37) Ethyl Acetate	6.90	43	126297	19.888	ug/l	98
38) Carbon Tetrachloride	7.75	117	120909	21.280	ug/l	98

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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)

39) Methylcyclohexane	9.07	83	152340	22.994	ug/l	99
40) Benzene	8.02	78	372186	21.651	ug/l	100
41) Methacrylonitrile	7.18	41	184300	66.739	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	124920	21.188	ug/l	99
43) Isopropyl Acetate	8.14	43	199837	19.738	ug/l	98
44) Trichloroethene	8.82	130	94733	22.418	ug/l	100
45) 1,2-Dichloropropane	9.10	63	100571	21.539	ug/l	98
46) Dibromomethane	9.19	93	61338	21.081	ug/l	99
47) Bromodichloromethane	9.39	83	121382	20.892	ug/l	99
48) Methyl methacrylate	9.18	41	88452	19.532	ug/l	96
49) 1,4-Dioxane	9.18	88	29337	364.525	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	612132	106.855	ug/l	100
52) Toluene	10.15	92	228323	22.160	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	141426	21.069	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	155473	21.532	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	88707	21.273	ug/l	99
56) Ethyl methacrylate	10.42	69	128919	19.715	ug/l	99
57) 1,3-Dichloropropane	10.70	76	153017	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	219007	94.373	ug/l	100
59) 2-Hexanone	10.74	43	437961	99.605	ug/l	99
60) Dibromochloromethane	10.90	129	92940	21.081	ug/l	98
61) 1,2-Dibromoethane	11.00	107	89935	21.305	ug/l	99
64) Tetrachloroethene	10.63	164	84844	22.989	ug/l	96
65) Chlorobenzene	11.43	112	235692	22.276	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	86647	21.831	ug/l	100
67) Ethyl Benzene	11.51	91	425832	22.684	ug/l	99
68) m/p-Xylenes	11.62	106	313538	44.588	ug/l	99
69) o-Xylene	11.95	106	151492	22.293	ug/l	99
70) Styrene	11.96	104	234787	21.968	ug/l	99
71) Bromoform	12.13	173	64295	20.826	ug/l #	99
73) Isopropylbenzene	12.25	105	408036	22.515	ug/l	100
74) N-amyl acetate	12.07	43	151963	19.788	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	128350	20.796	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	169819	29.938	ug/l #	100
77) Bromobenzene	12.53	156	97893	21.499	ug/l	97
78) n-propylbenzene	12.59	91	467794	22.543	ug/l	99
79) 2-Chlorotoluene	12.67	91	277956	21.592	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	341743	22.254	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43617	20.310	ug/l	96
82) 4-Chlorotoluene	12.77	91	279117	21.618	ug/l	98
83) tert-Butylbenzene	12.99	119	290483	21.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	337247	22.699	ug/l	99
85) sec-Butylbenzene	13.17	105	388004	22.496	ug/l	99
86) p-Isopropyltoluene	13.29	119	348878	22.909	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	169146	21.693	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	165644	21.233	ug/l	98
89) n-Butylbenzene	13.62	91	301141	22.593	ug/l	100
90) Hexachloroethane	13.88	117	63221	20.674	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	164874	21.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25092	20.394	ug/l	93

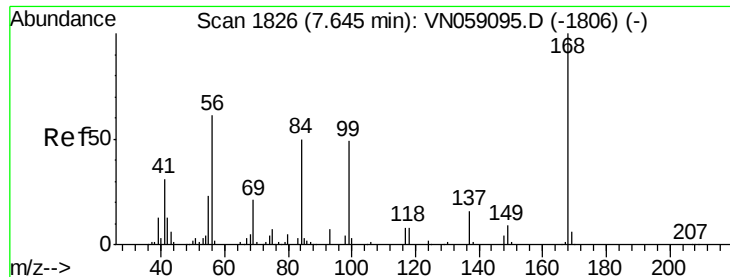
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	91675	21.546	ug/l	97
94) Hexachlorobutadiene	15.01	225	58937	22.285	ug/l	99
95) Naphthalene	15.13	128	237265	20.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	89615	20.848	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

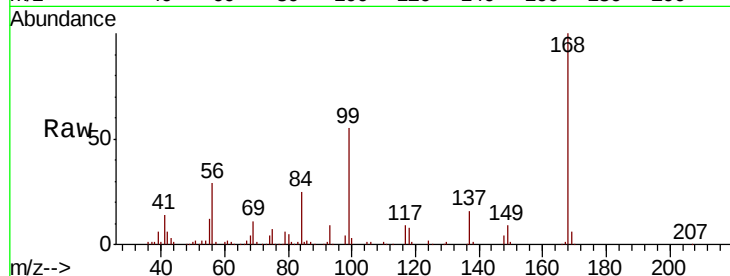
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 386345

Ion Ratio Lower Upper

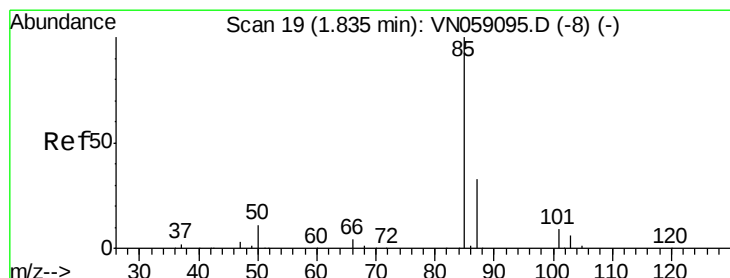
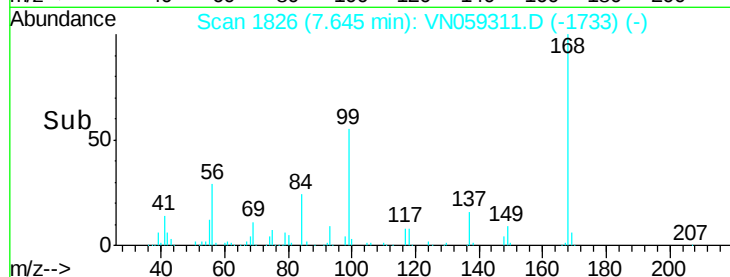
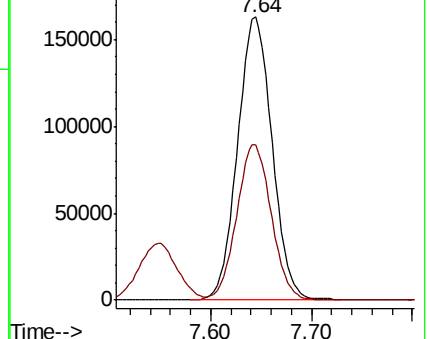
168 100

99 54.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 28.158 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059311.D

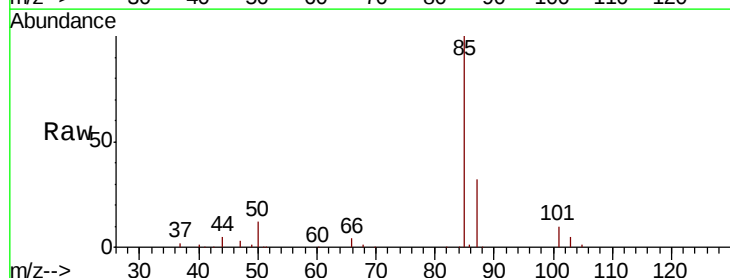
Acq: 19 Nov 2019 17:36

Tgt Ion: 85 Resp: 109606

Ion Ratio Lower Upper

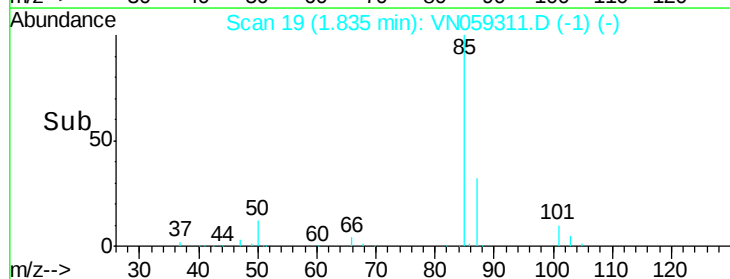
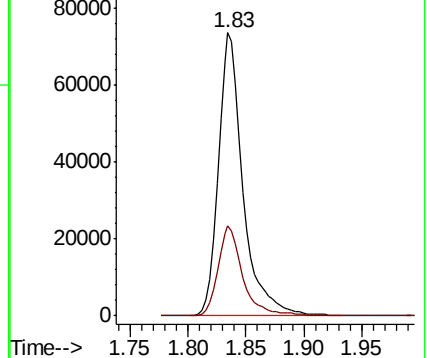
85 100

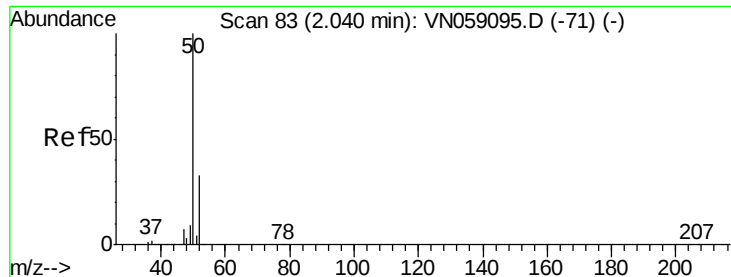
87 31.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 23.842 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

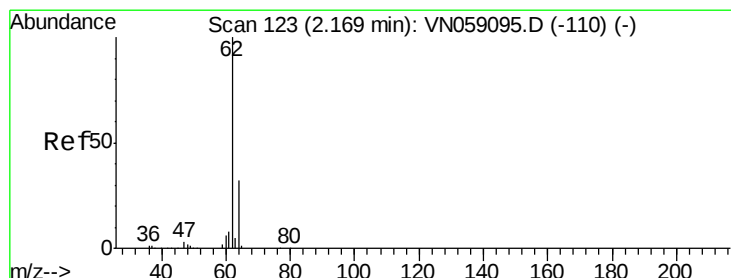
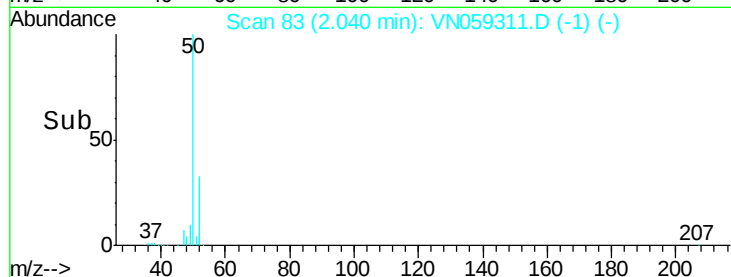
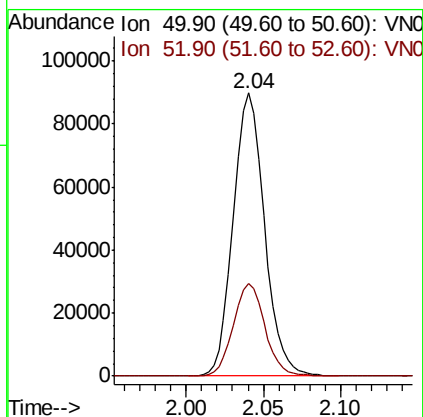
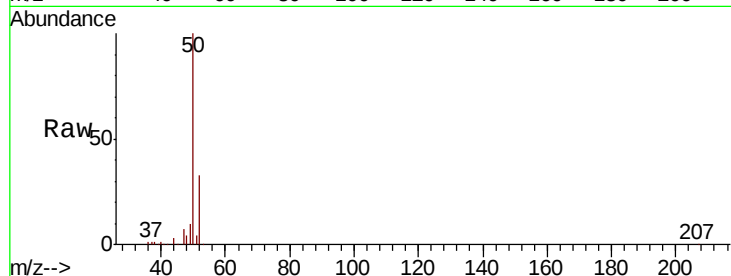
ClientSampled :

Tot Ion: 50 Resp: 126155

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 25.891 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059311.D

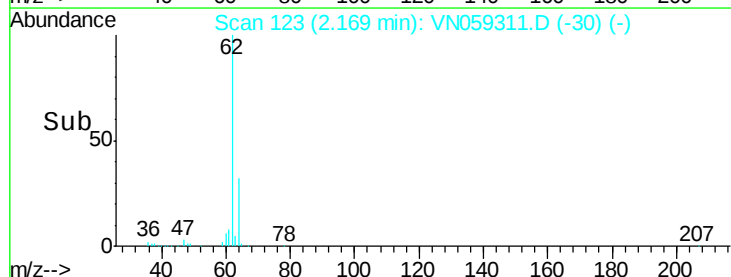
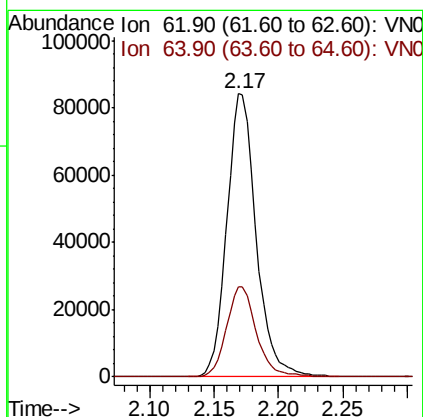
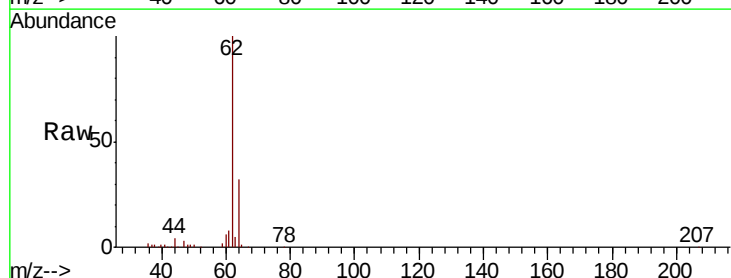
Acq: 19 Nov 2019 17:36

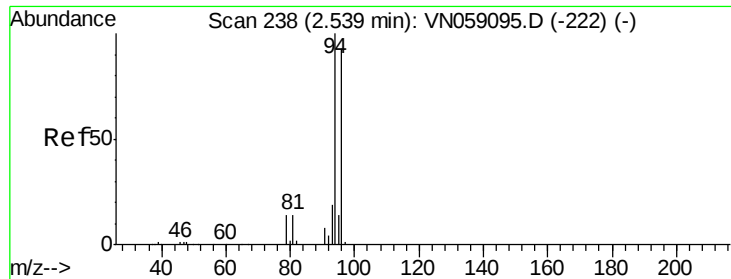
Tgt Ion: 62 Resp: 132823

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 24.286 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

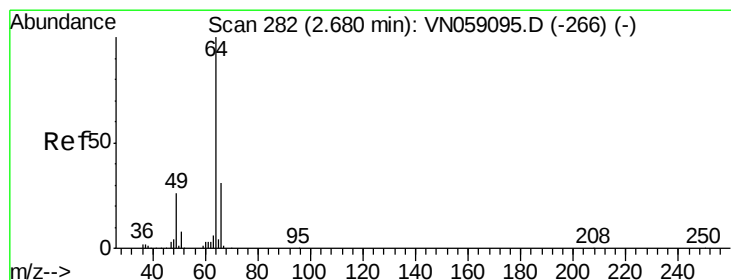
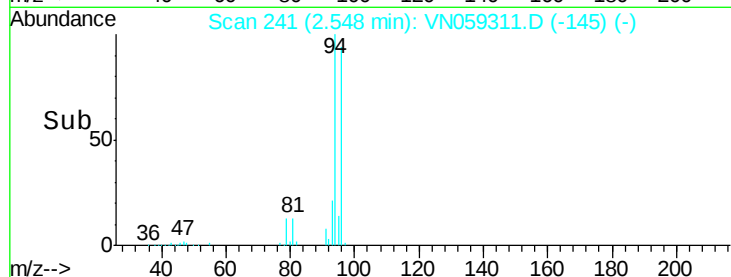
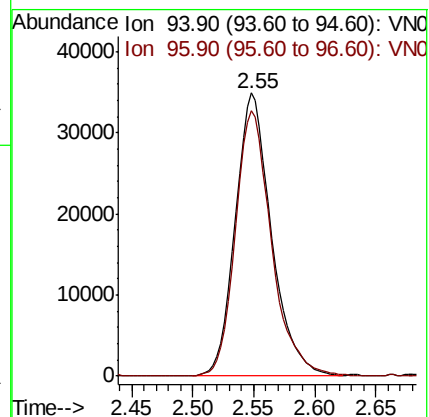
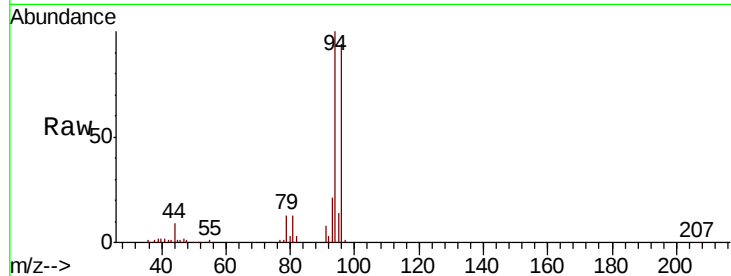
ClientSampleId :

Tot Ion: 94 Resp: 71695

Ion Ratio Lower Upper

94 100

96 93.6 74.2 111.2



#6

Chloroethane

Concen: 22.308 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059311.D

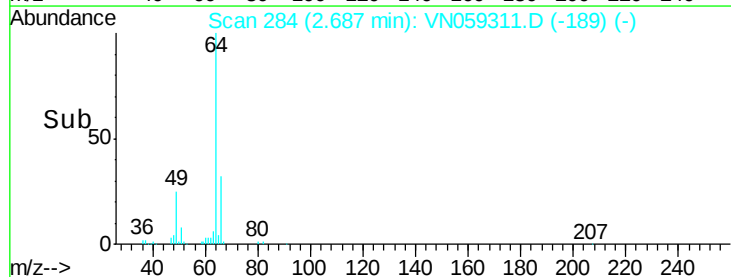
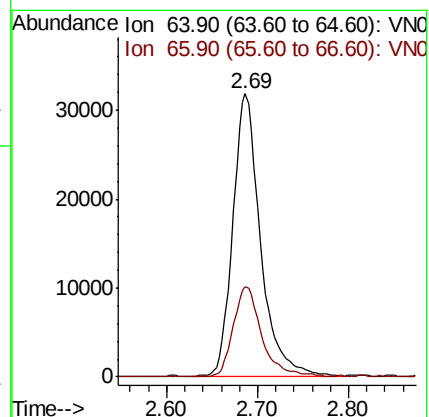
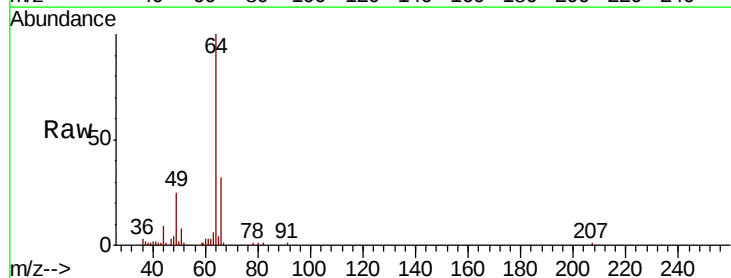
Acq: 19 Nov 2019 17:36

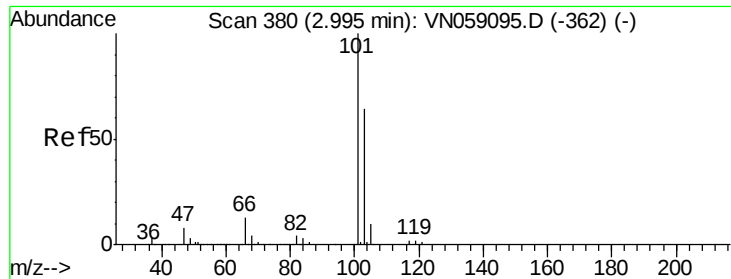
Tgt Ion: 64 Resp: 67699

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



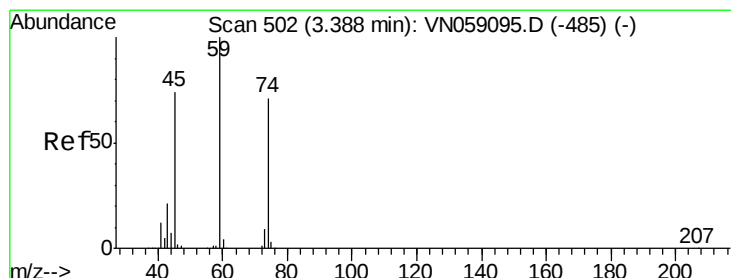
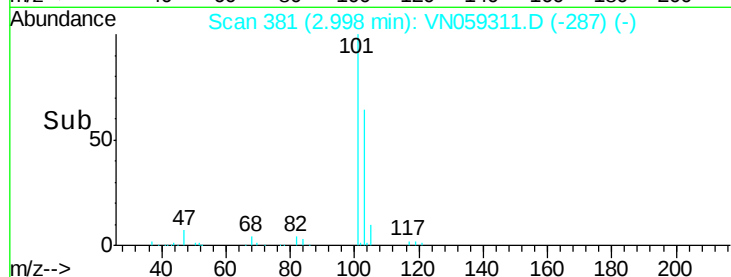
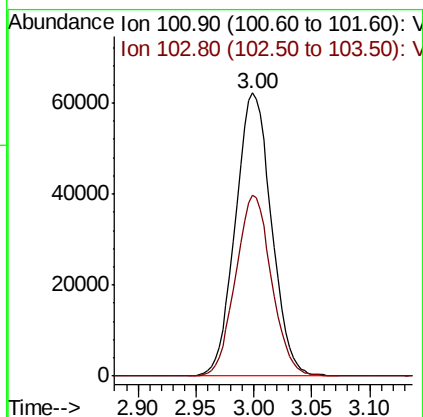
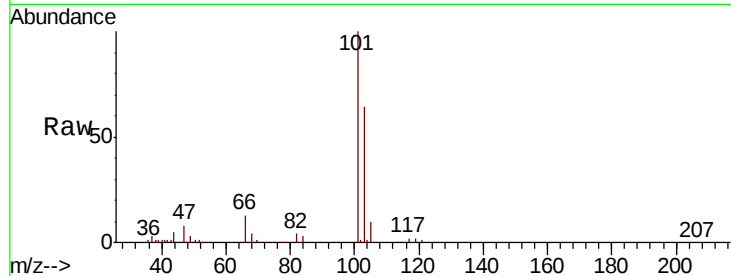


#7

Trichlorofluoromethane
Concen: 21.913 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :

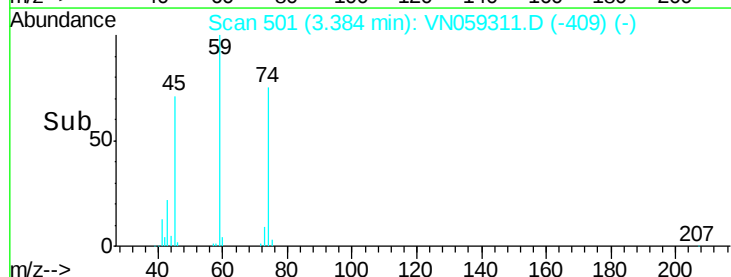
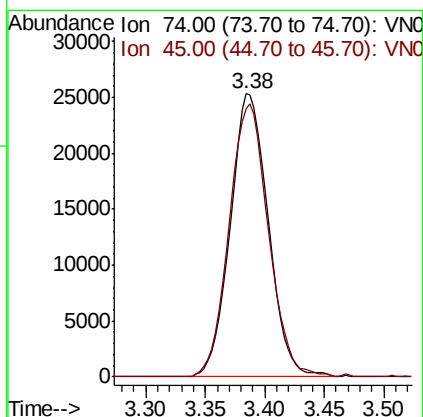
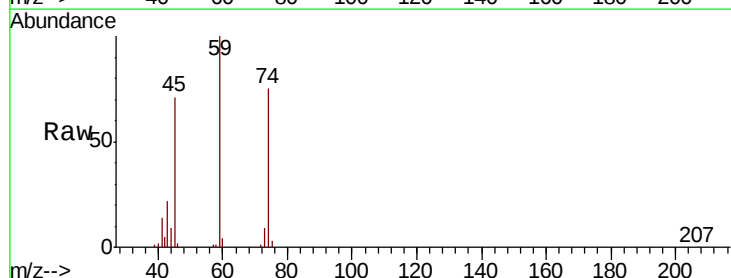
Tot Ion:101 Resp: 134463
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8

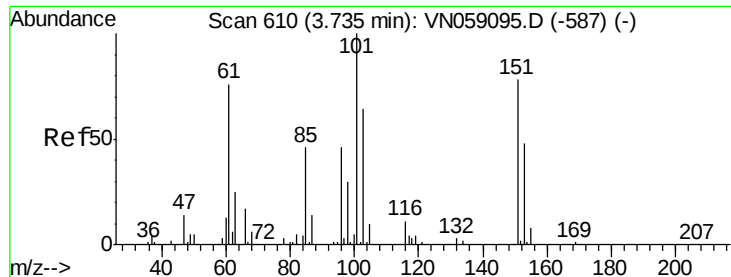


#8

Diethyl Ether
Concen: 22.443 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 74 Resp: 55956
Ion Ratio Lower Upper
74 100
45 99.8 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.562 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

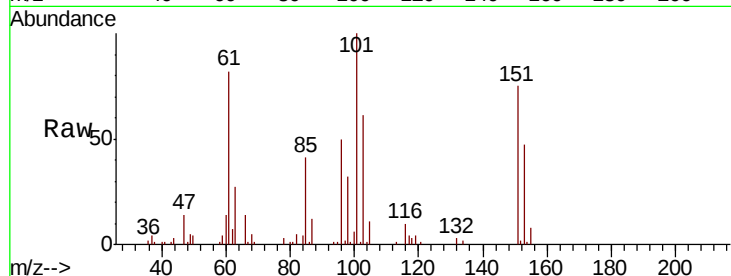
Tot Ion:101 Resp: 83472

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

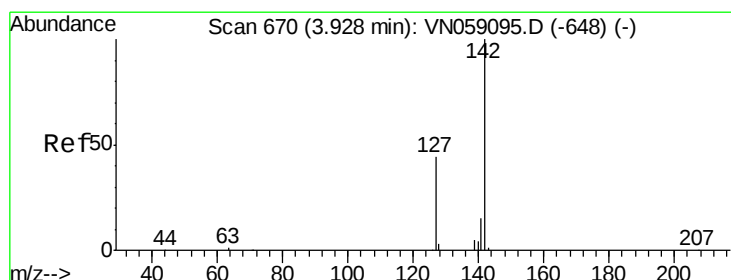
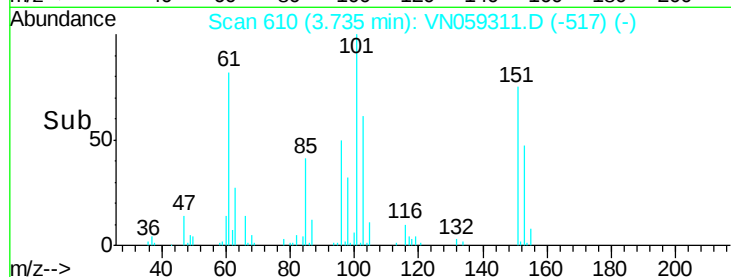
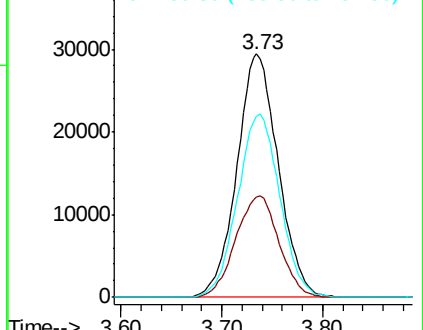
151 77.1 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.548 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

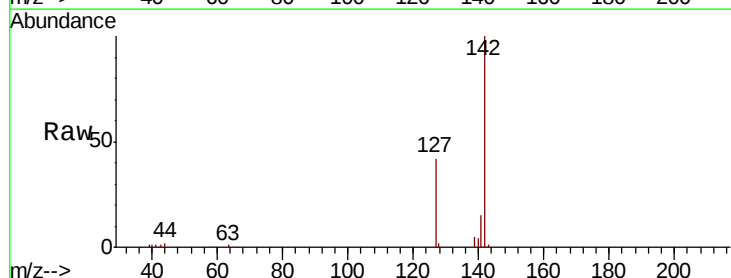
Tgt Ion:142 Resp: 98680

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.2

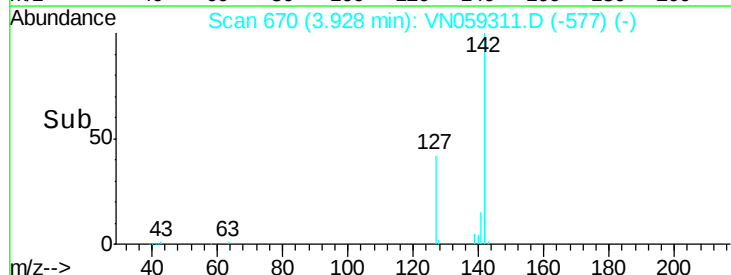
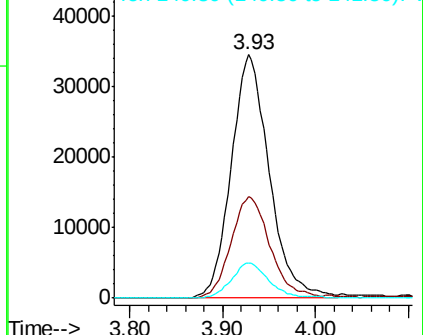
141 14.0 11.4 17.0

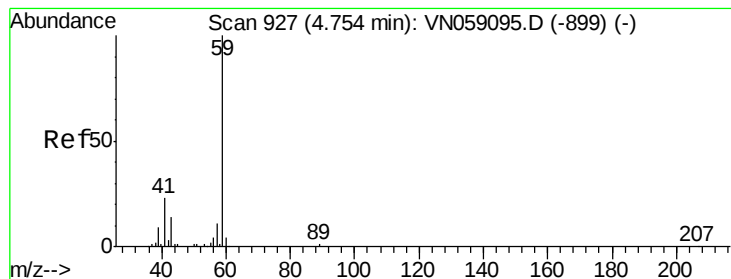


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.717 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.02 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

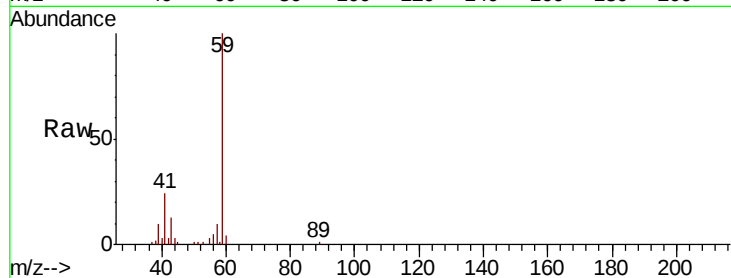
ClientSampled :

Tot Ion: 59 Resp: 84822

Ion Ratio Lower Upper

59 100

57 9.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

25000

20000

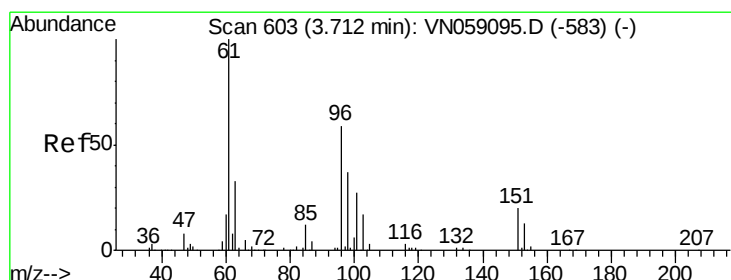
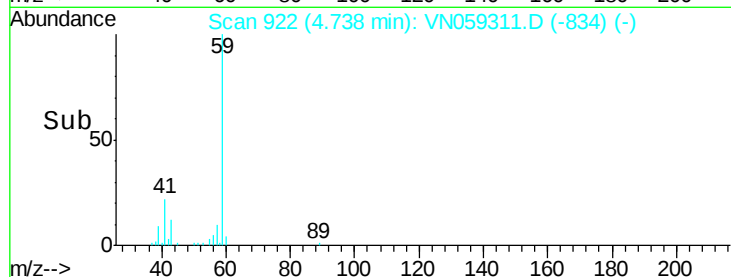
15000

10000

5000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 22.646 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

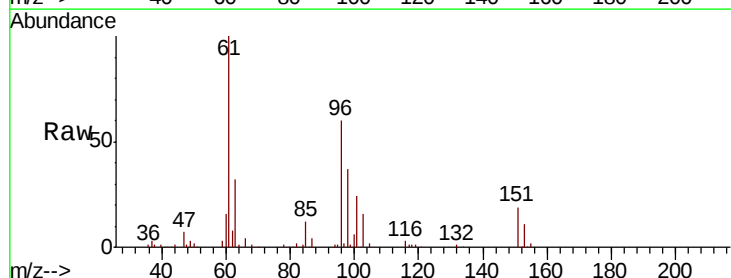
Tgt Ion: 96 Resp: 81617

Ion Ratio Lower Upper

96 100

61 166.2 136.5 204.7

98 61.4 50.2 75.4



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

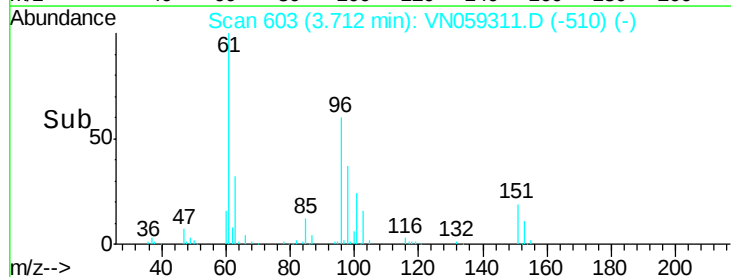
60000

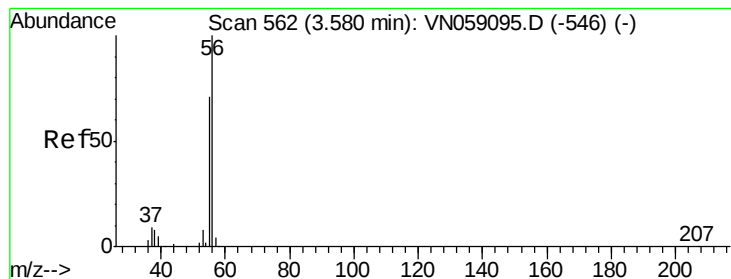
40000

20000

0

Time--> 3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 68.980 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

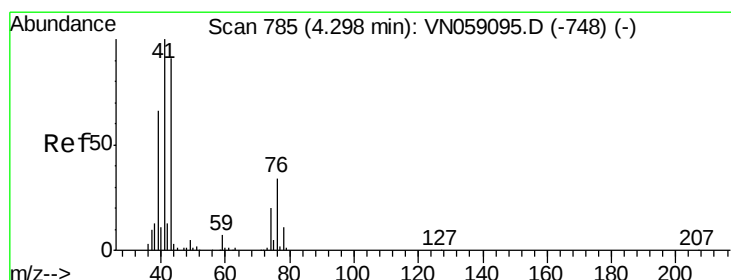
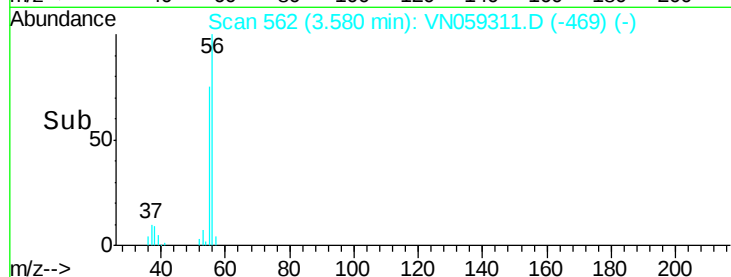
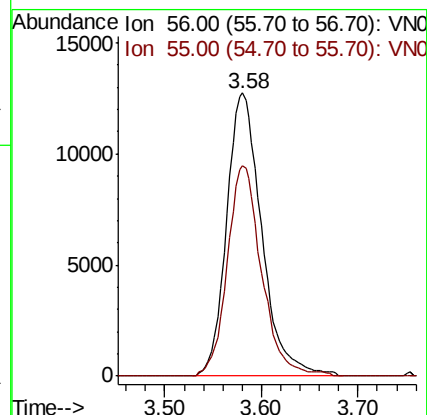
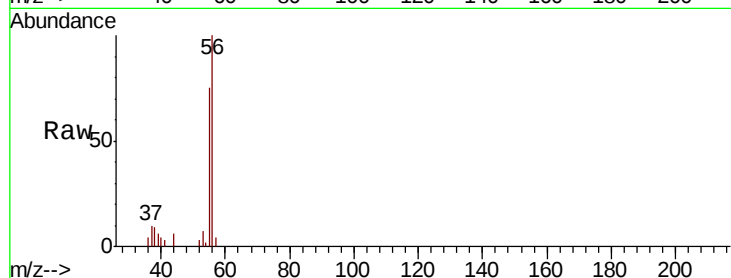
ClientSampleId :

Tot Ion: 56 Resp: 32189

Ion Ratio Lower Upper

56 100

55 72.0 56.4 84.6



#14

Allyl chloride

Concen: 20.490 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

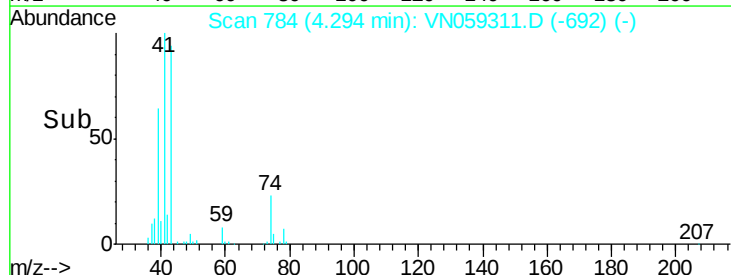
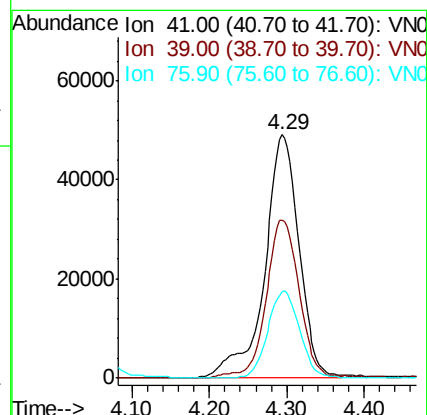
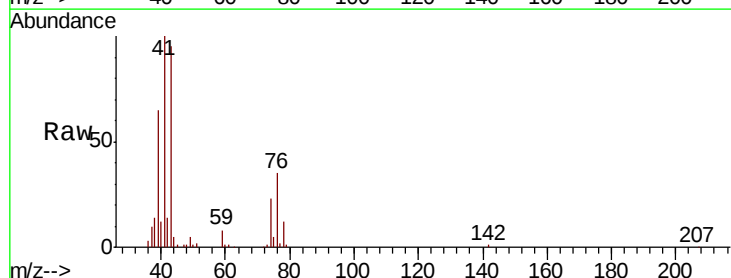
Tgt Ion: 41 Resp: 151689

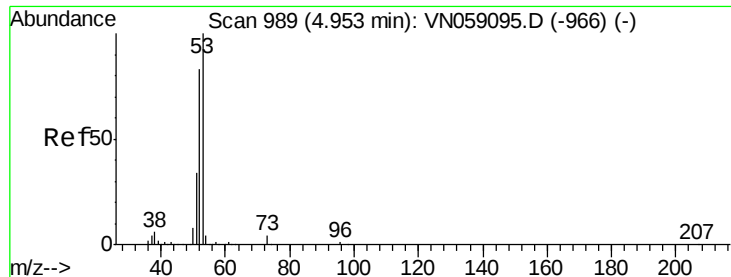
Ion Ratio Lower Upper

41 100

39 62.7 49.1 73.7

76 33.1 24.9 37.3





#15

Acrylonitrile

Concen: 101.730 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

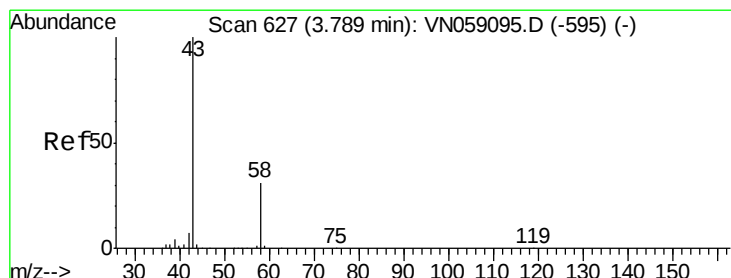
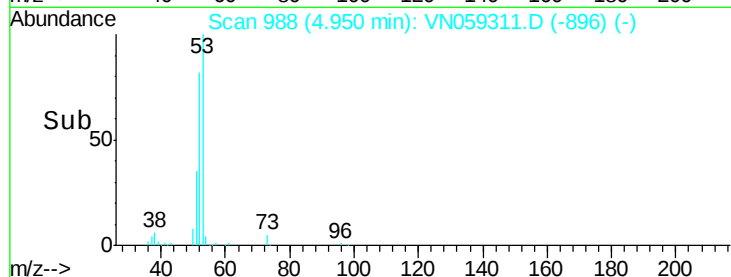
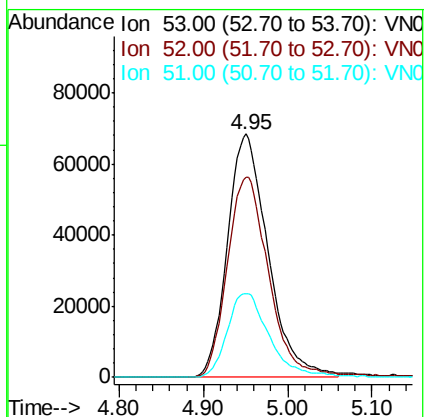
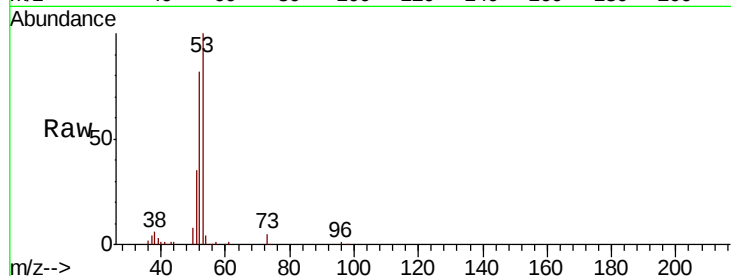
Tot Ion: 53 Resp: 229143

Ion Ratio Lower Upper

53 100

52 83.9 65.0 97.6

51 35.8 28.0 42.0



#16

Acetone

Concen: 90.418 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059311.D

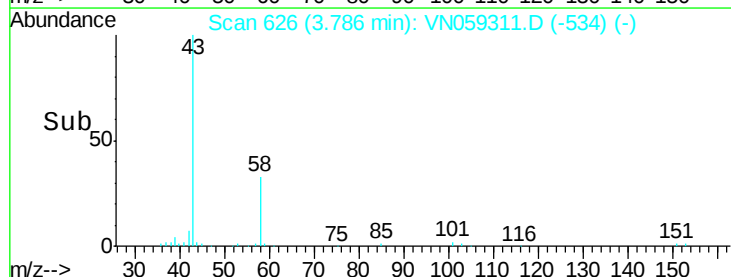
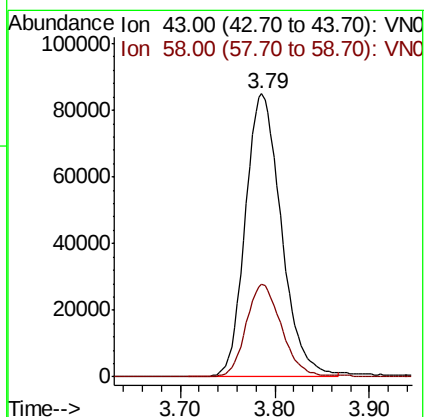
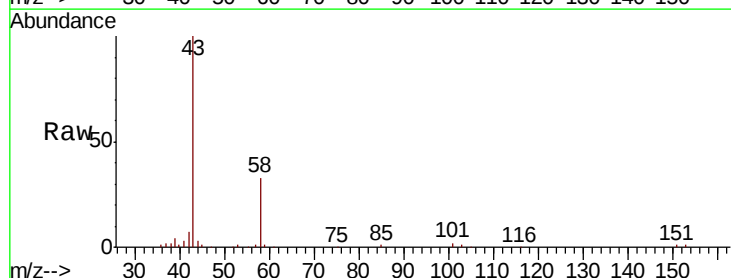
Acq: 19 Nov 2019 17:36

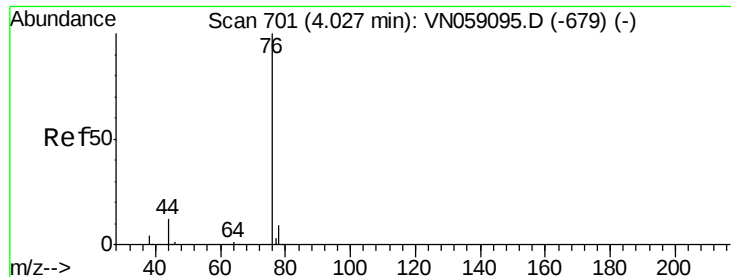
Tgt Ion: 43 Resp: 223301

Ion Ratio Lower Upper

43 100

58 32.8 24.9 37.3

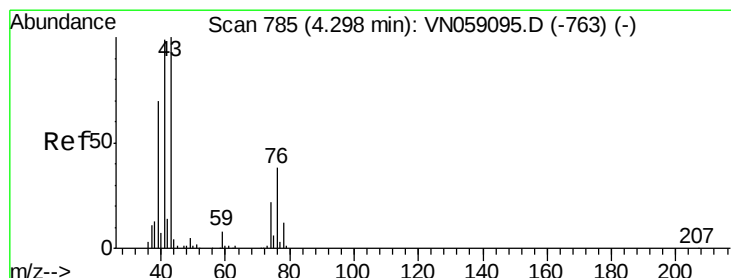
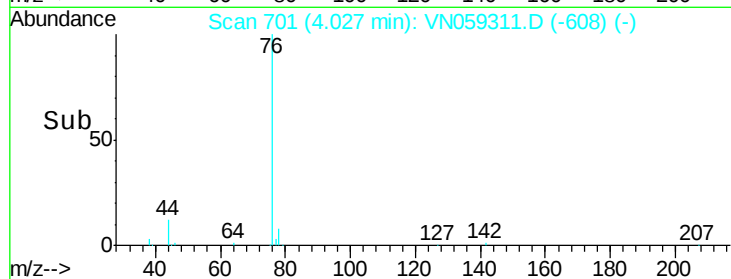
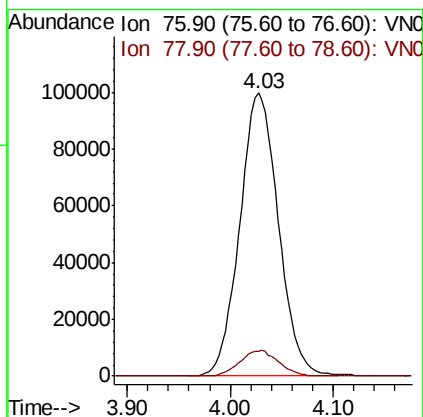
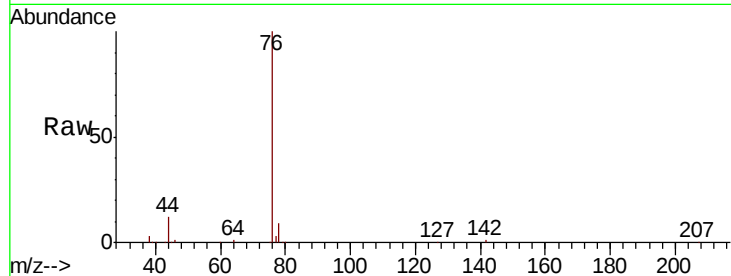




#17
Carbon Disulfide
Concen: 23.203 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

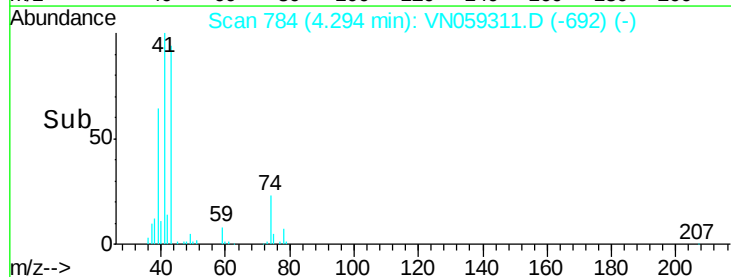
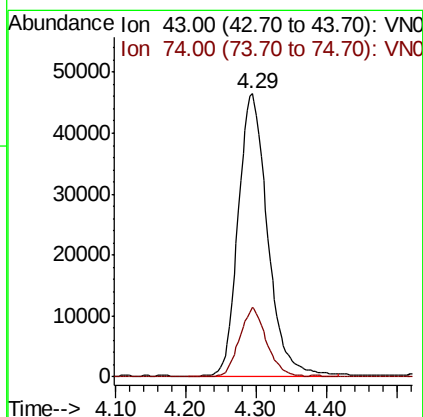
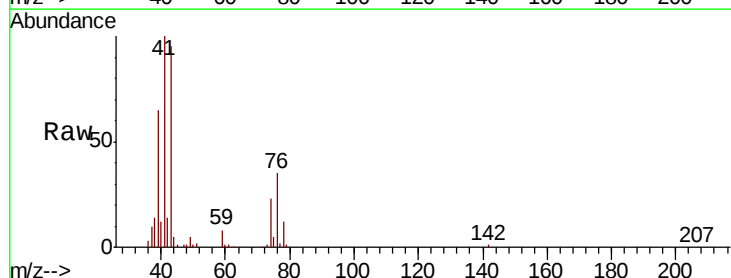
Instrument :
MSVOA_N
ClientSampleId :

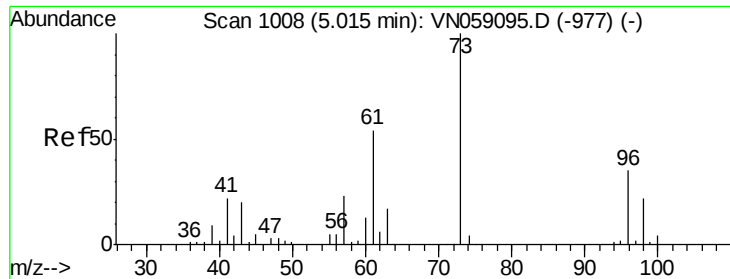
Tot Ion: 76 Resp: 259582
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 23.256 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 43 Resp: 136327
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8

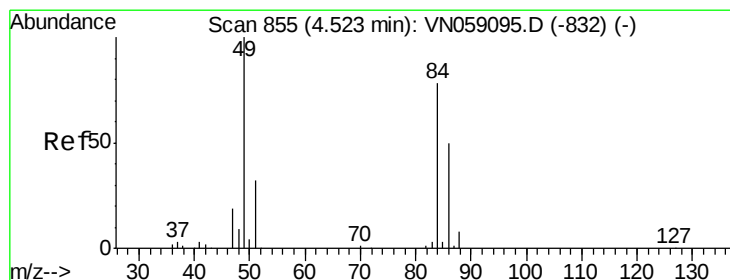
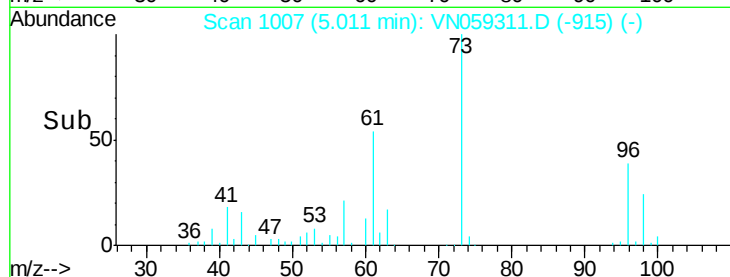
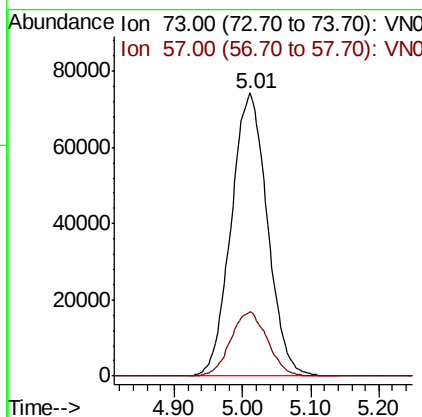
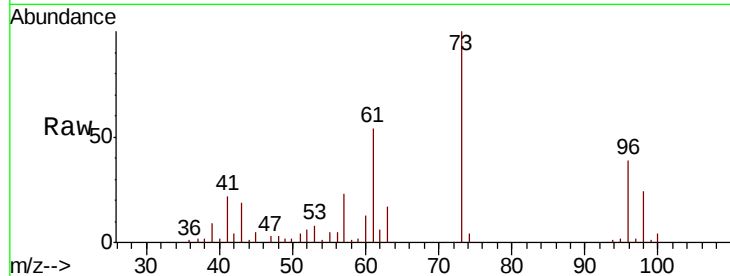




#19
Methvl tert-butvl Ether
Concen: 22.081 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

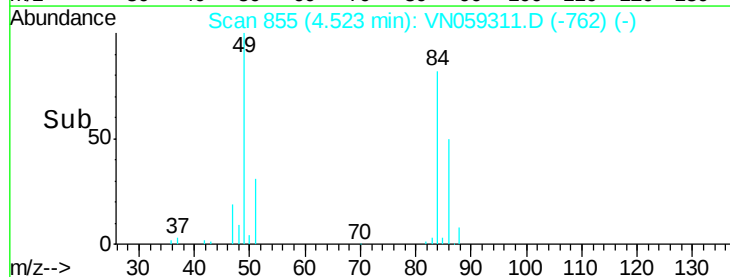
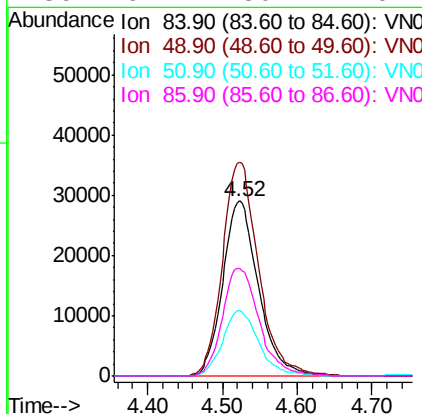
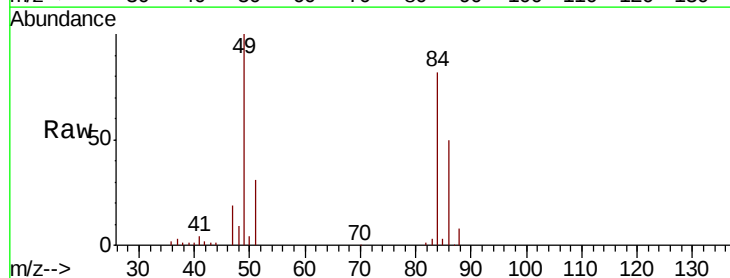
Instrument :
MSVOA_N
ClientSampled :

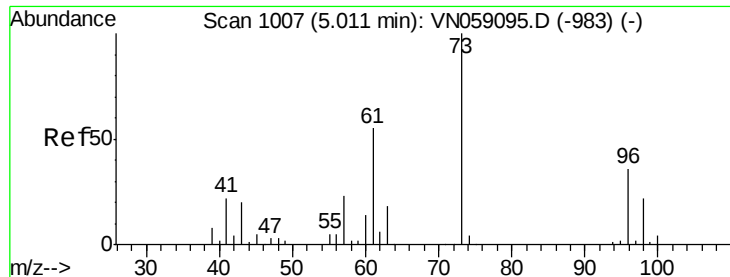
Tot Ion: 73 Resp: 273987
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 22.326 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 84 Resp: 96060
Ion Ratio Lower Upper
84 100
49 122.2 102.0 153.0
51 37.3 32.2 48.2
86 61.2 50.7 76.1

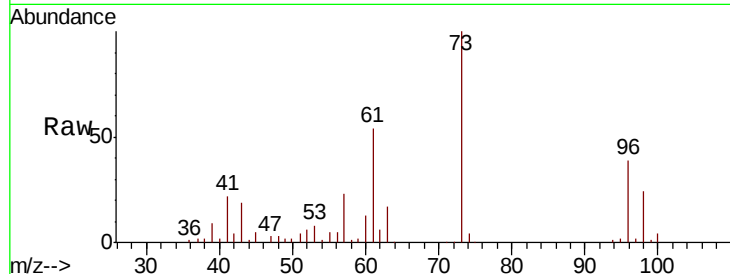




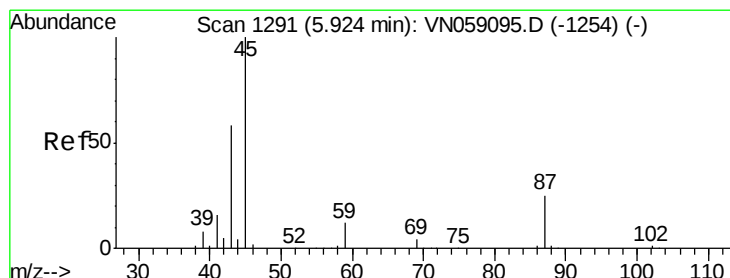
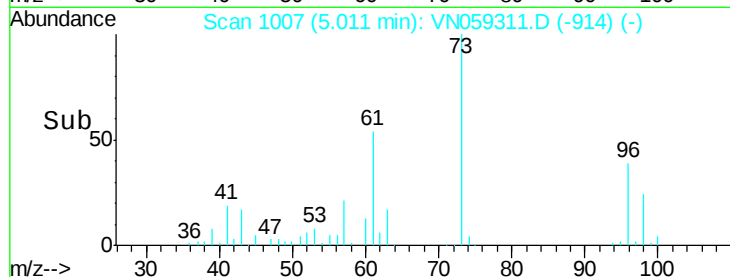
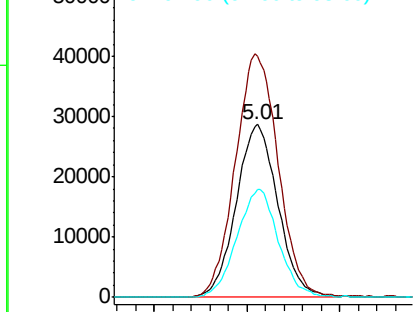
#21
trans-1,2-Dichloroethene
Concen: 23.124 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 89456
Ion Ratio Lower Upper
96 100
61 139.7 122.6 183.8
98 62.5 50.3 75.5

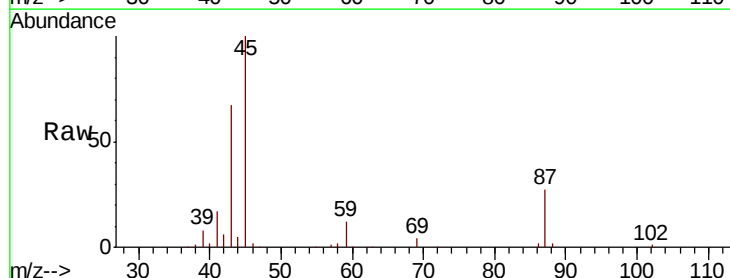


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

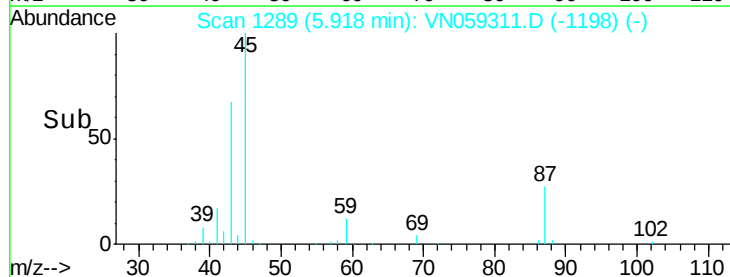
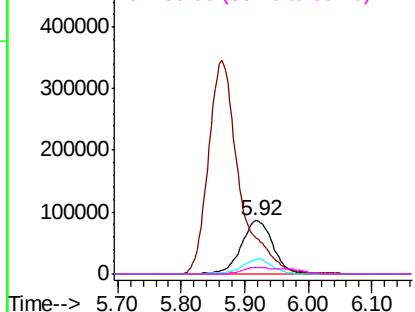


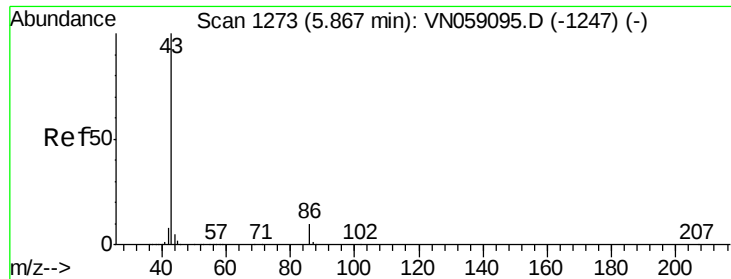
#22
Diisopropyl ether
Concen: 21.345 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 45 Resp: 298476
Ion Ratio Lower Upper
45 100
43 65.6 46.7 70.1
87 27.0 20.5 30.7
59 12.0 9.6 14.4



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: 107.615 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

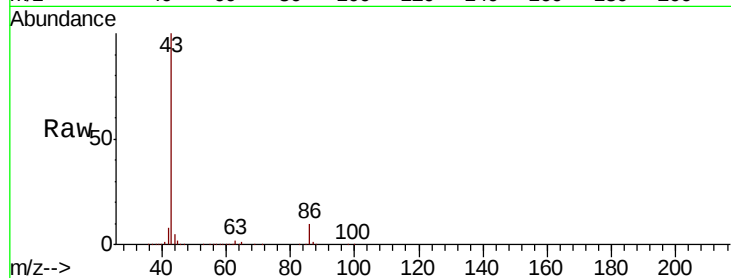
Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1166257

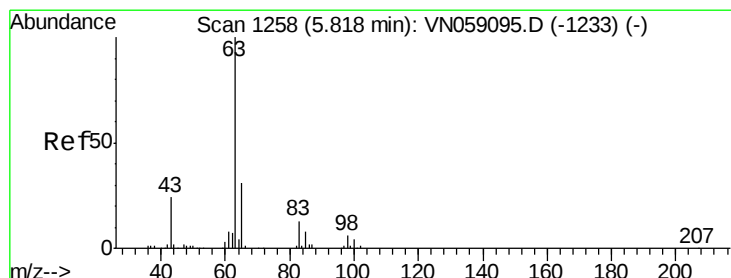
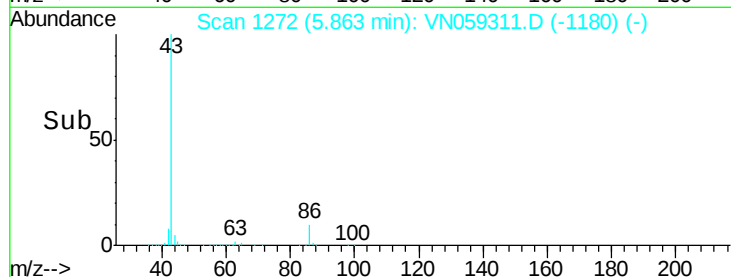
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.7	11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059311.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059311.D (-1180) (-)

Time-->



#24

1,1-Dichloroethane

Concen: 21.989 ug/l

RT: 5.82 min Scan# 1258

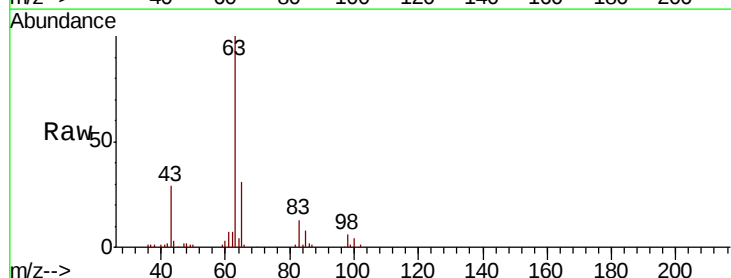
Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Tgt Ion: 63 Resp: 171736

Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.8	8.4
100	3.9	1.9	5.7

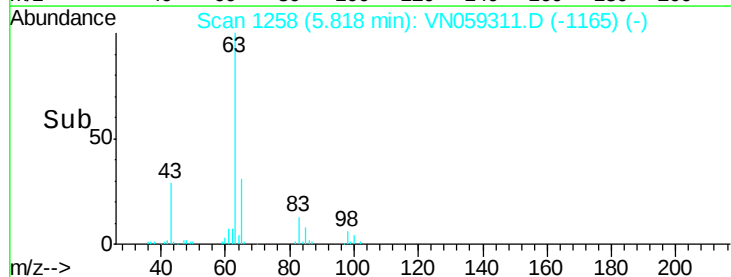


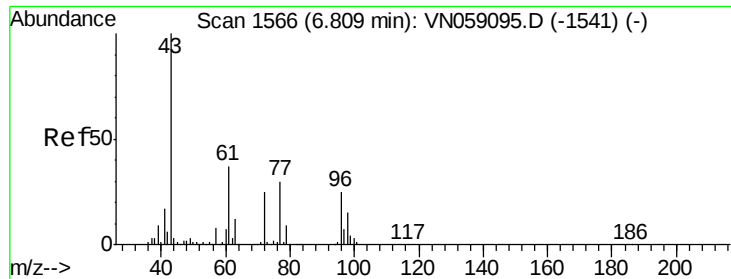
Abundance Ion 62.90 (62.60 to 63.60): VN059311.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059311.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059311.D (-1165) (-)

Time-->





#25

2-Butanone

Concen: 96.259 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

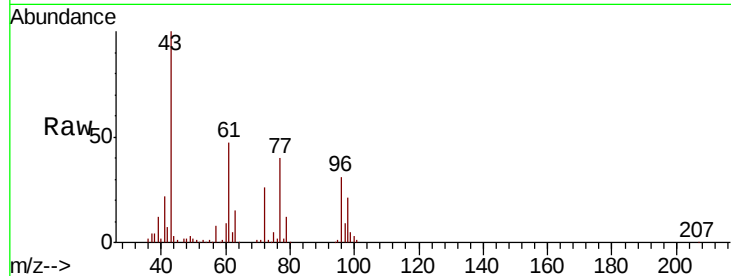
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 313310

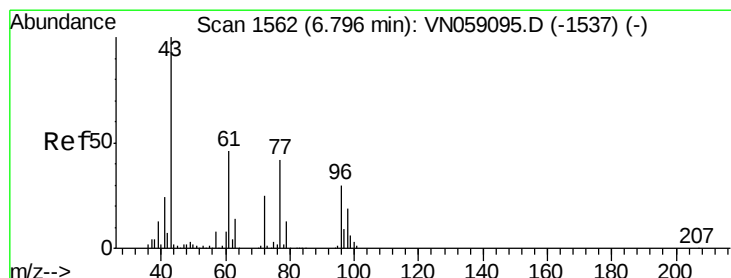
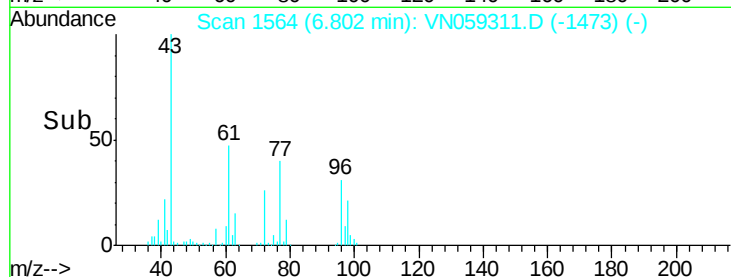
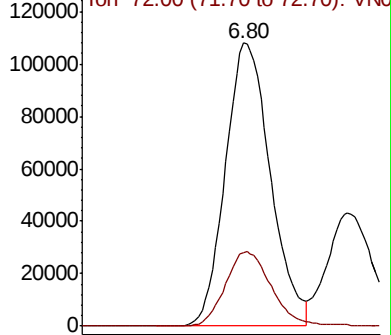
Ion Ratio Lower Upper

43 100

72 26.2 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059311.D (-1473) (-)



#26

2,2-Dichloropropane

Concen: 20.960 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059311.D

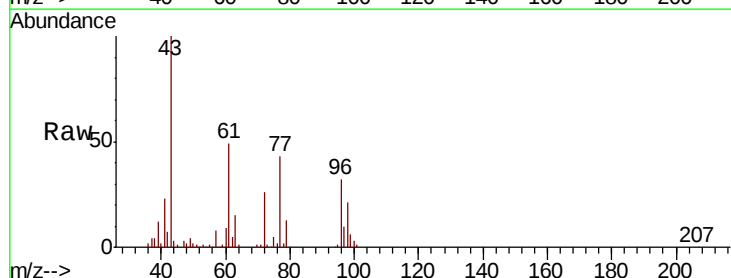
Acq: 19 Nov 2019 17:36

Tgt Ion: 77 Resp: 143143

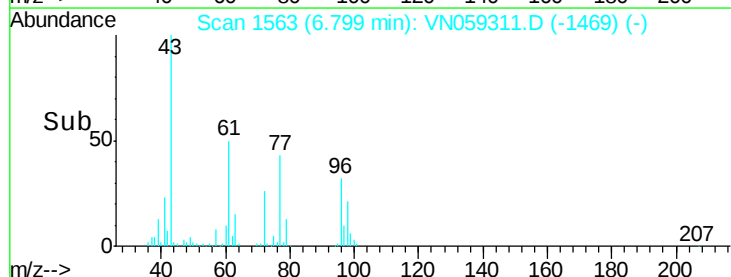
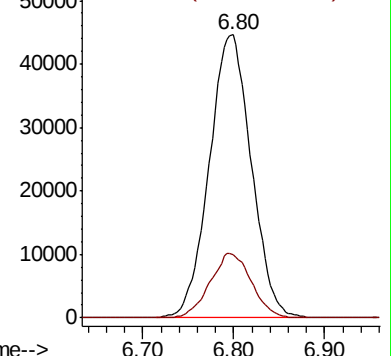
Ion Ratio Lower Upper

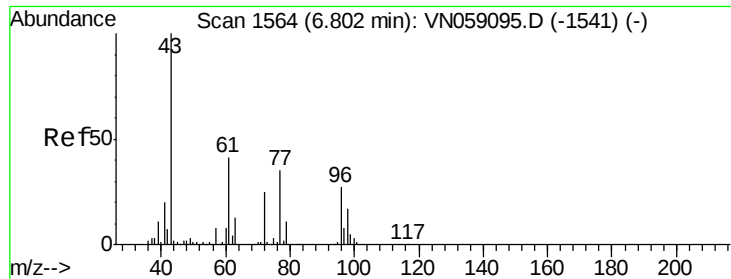
77 100

97 22.3 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN059311.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 21.940 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :

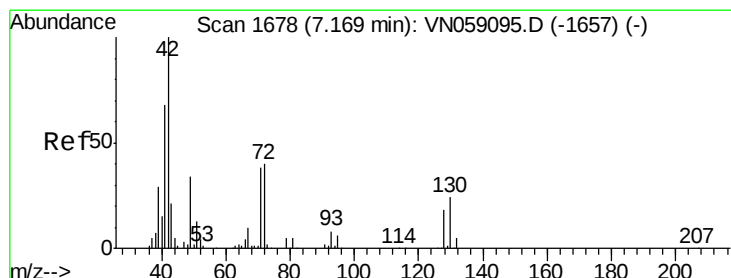
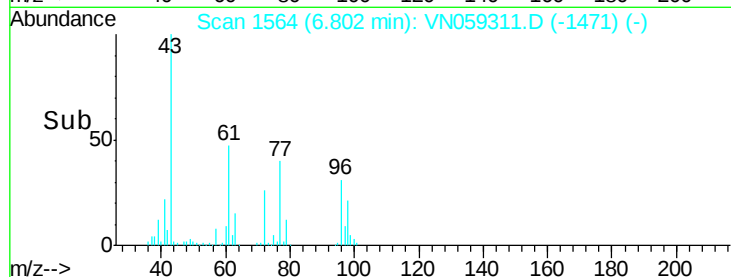
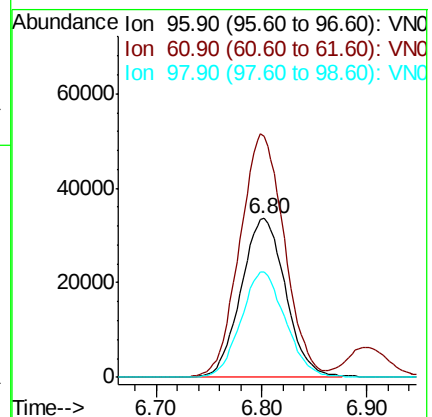
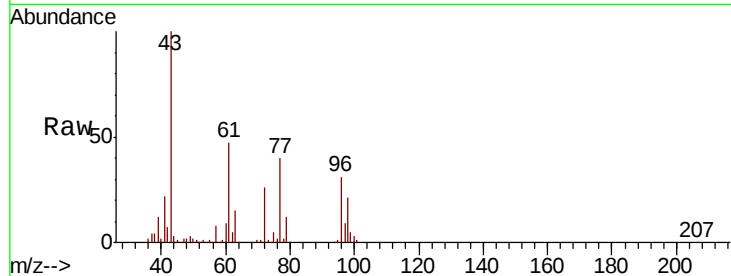
Tot Ion: 96 Resp: 98470

Ion Ratio Lower Upper

96 100

61 153.7 0.0 311.6

98 66.2 0.0 129.8



#28

Bromochloromethane

Concen: 20.599 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

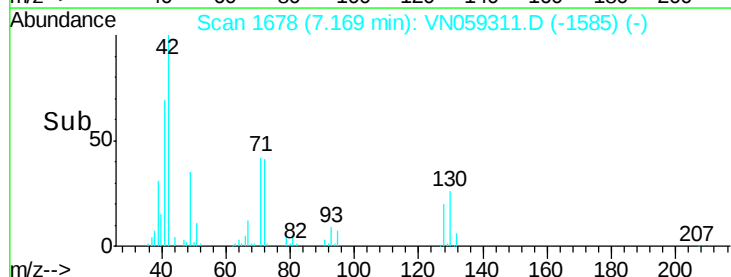
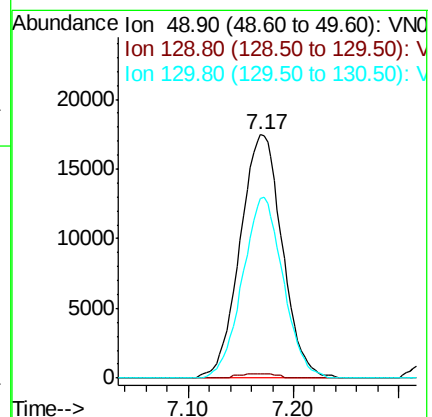
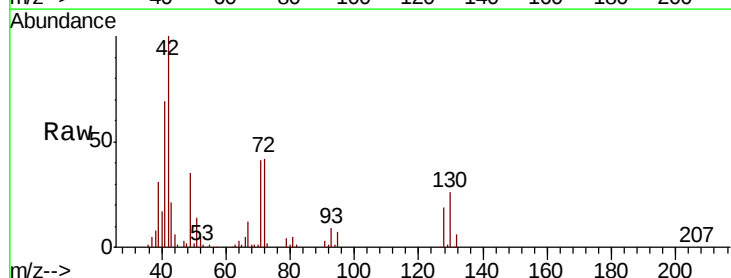
Tgt Ion: 49 Resp: 48402

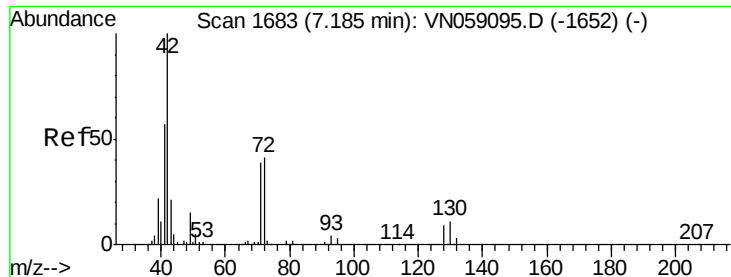
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 71.9 55.6 83.4

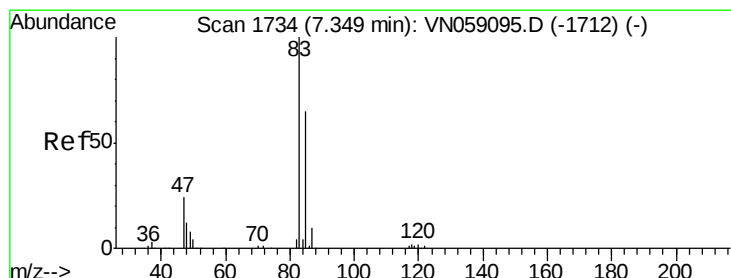
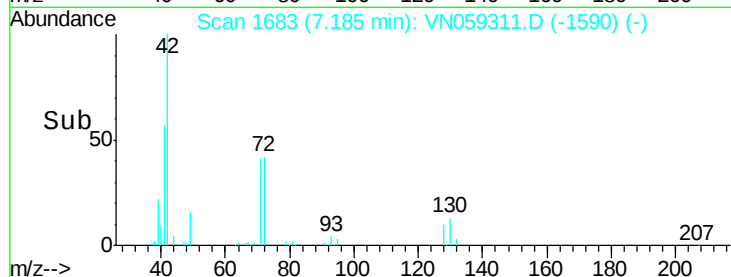
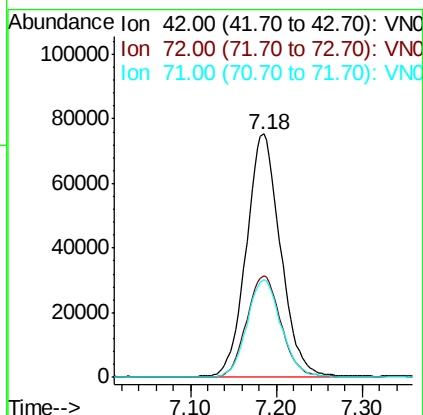
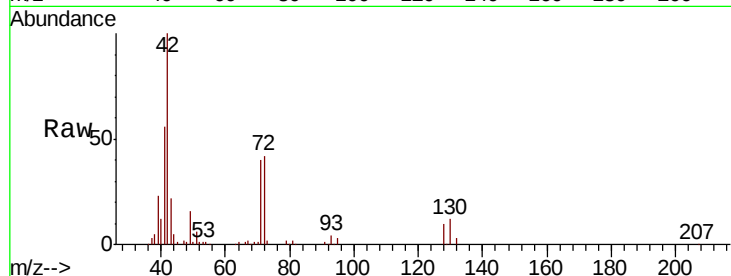




#29
Tetrahydrofuran
Concen: 101.176 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

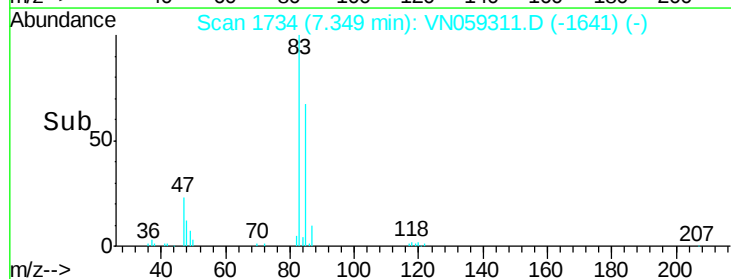
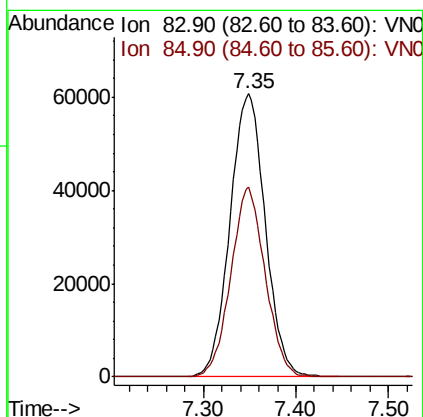
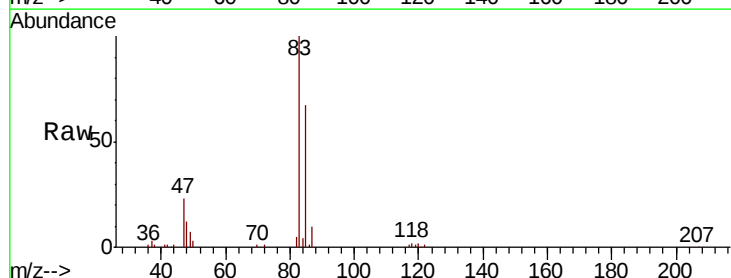
Instrument :
MSVOA_N
ClientSampleId :

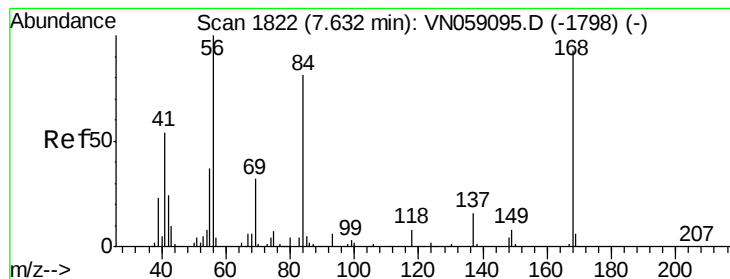
Tot Ion: 42 Resp: 209247
Ion Ratio Lower Upper
42 100
72 42.0 33.1 49.7
71 40.0 30.9 46.3



#30
Chloroform
Concen: 21.349 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 83 Resp: 159949
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8





#31

Cyclohexane

Concen: 21.807 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

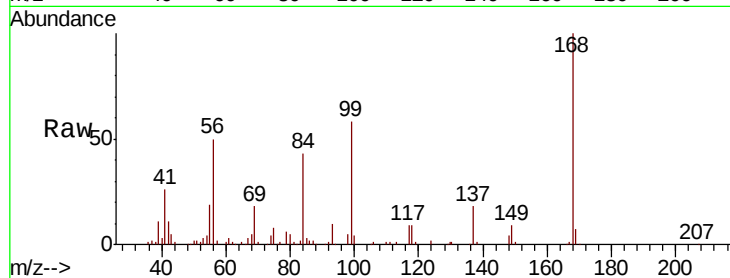
Tot Ion: 56 Resp: 161232

Ion Ratio Lower Upper

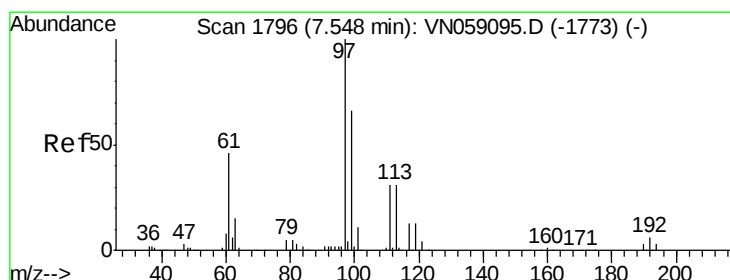
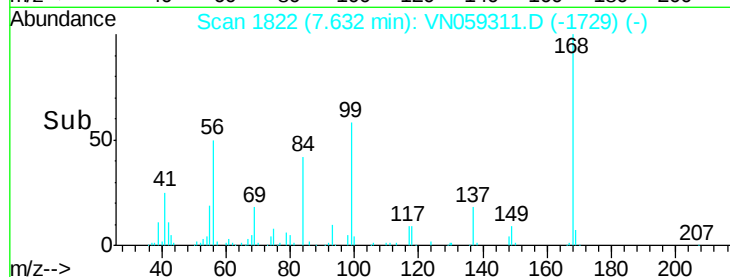
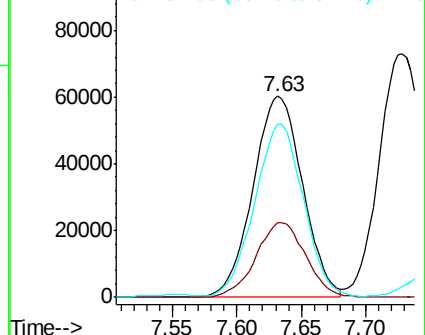
56 100

69 36.8 25.8 38.8

84 85.2 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 21.843 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

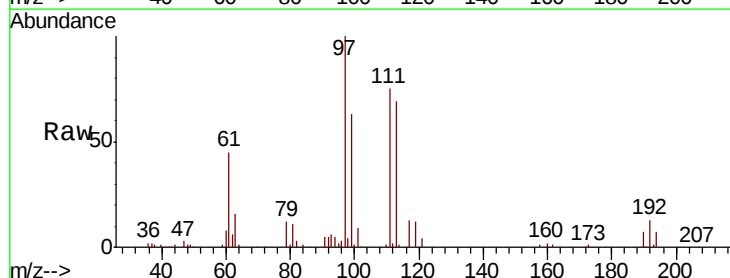
Tgt Ion: 97 Resp: 137584

Ion Ratio Lower Upper

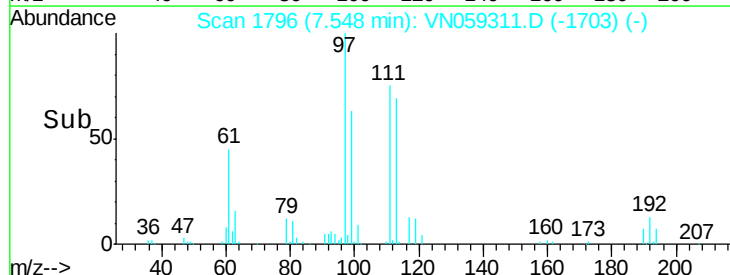
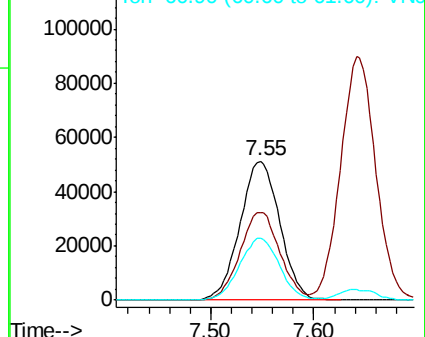
97 100

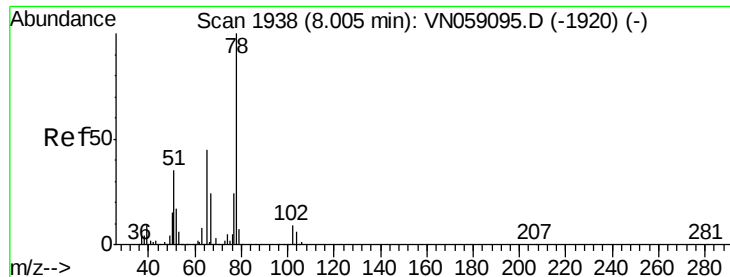
99 63.4 51.0 76.6

61 44.7 35.8 53.8



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





#33

1,2-Dichloroethane-d4

Concen: 47.477 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

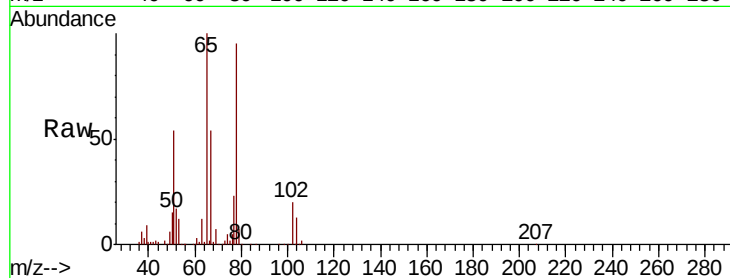
ClientSampled :

Tot Ion: 65 Resp: 225479

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059311.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059311.D (-1845) (-)

8.00

100000

80000

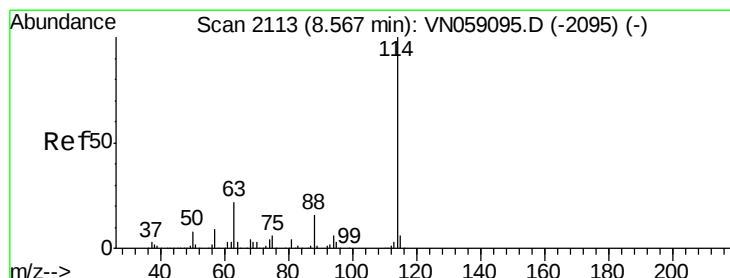
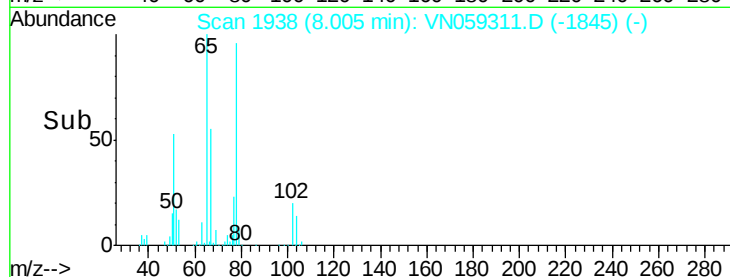
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

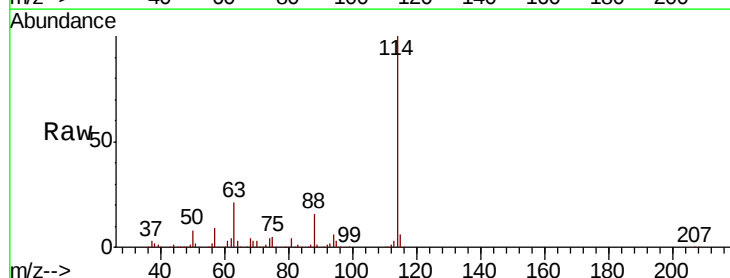
Tgt Ion: 114 Resp: 610728

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059311.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059311.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059311.D (-2020) (-)

8.57

400000

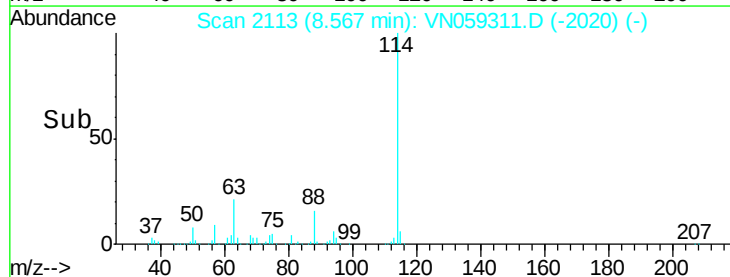
300000

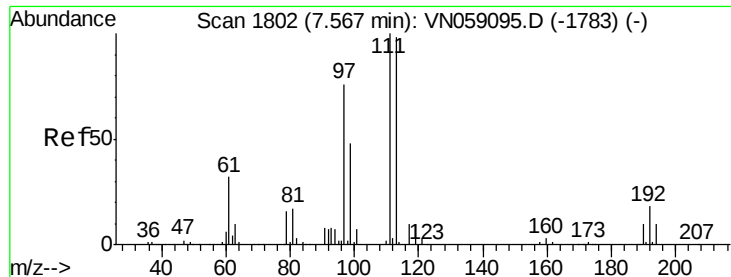
200000

100000

0

Time-->

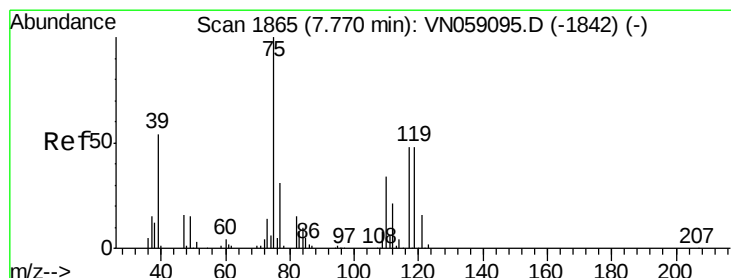
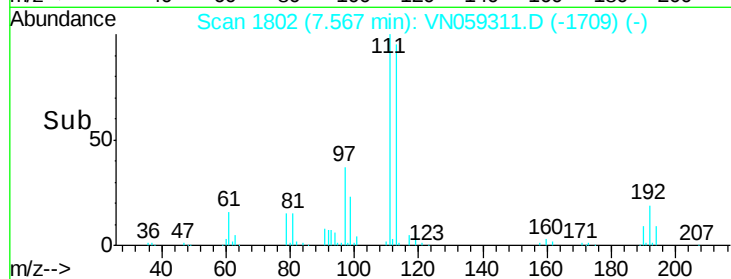
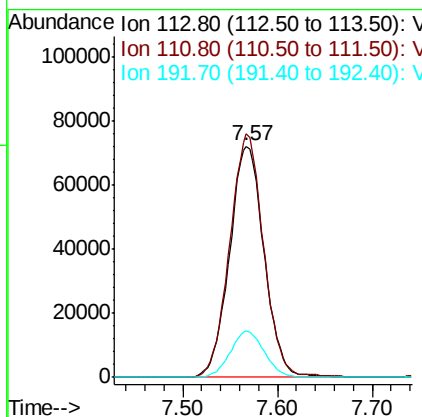
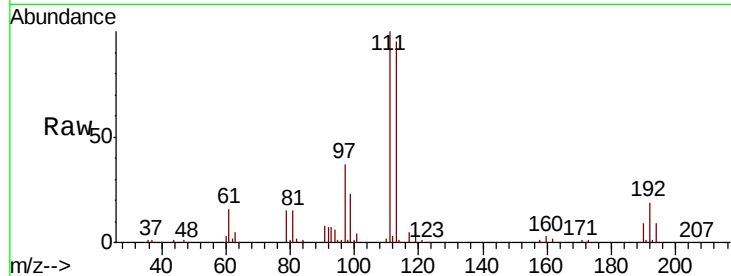




#35
 Dibromofluoromethane
 Concen: 50.231 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

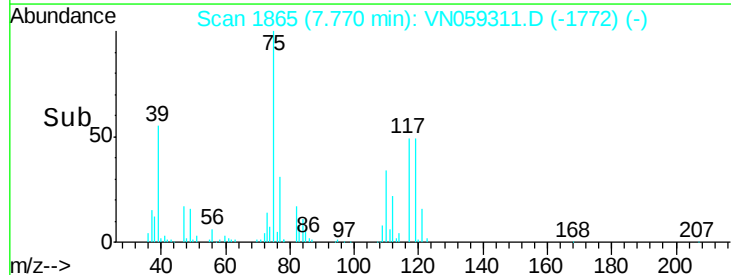
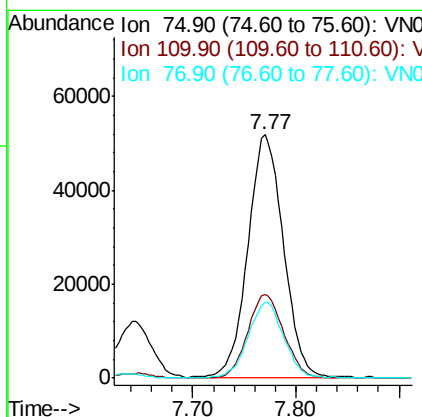
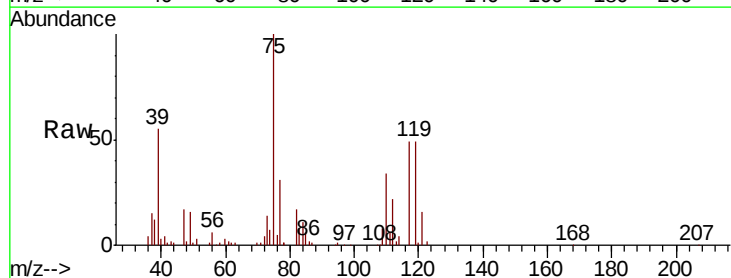
Instrument :
 MSVOA_N
 ClientSampled :

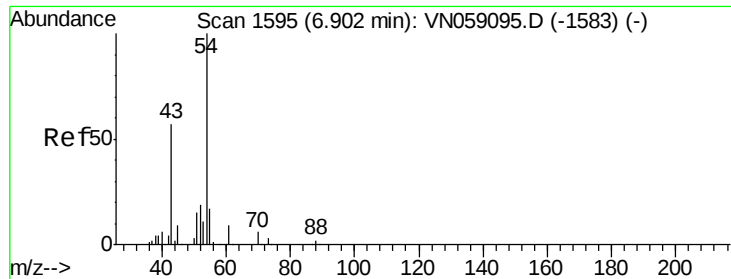
Tot Ion:113 Resp: 183173
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 19.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 21.613 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion: 75 Resp: 123377
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.1 51.2
 77 31.4 24.8 37.2

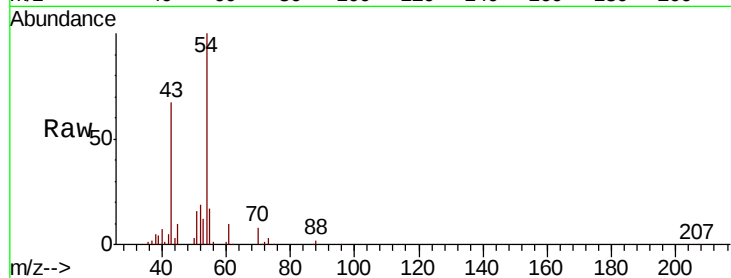




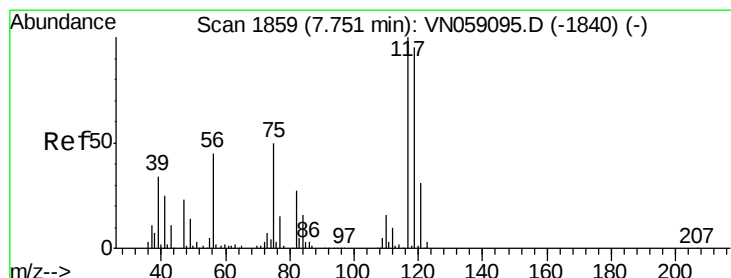
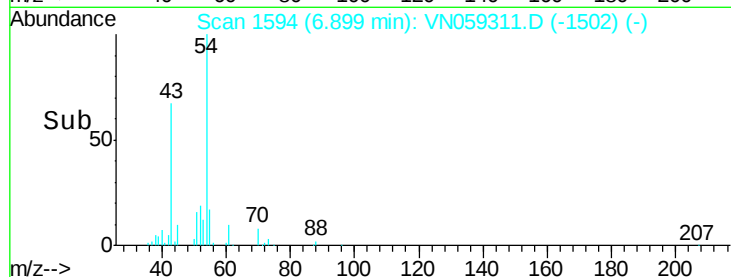
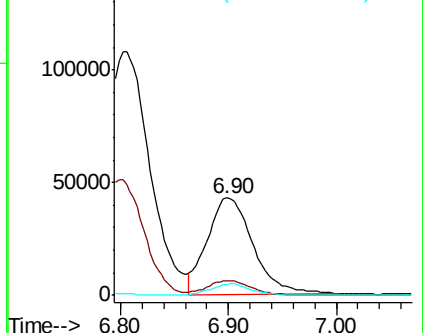
#37
Ethyl Acetate
Concen: 19.888 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 126297
Ion Ratio Lower Upper
43 100
61 14.6 11.2 16.8
70 10.7 7.8 11.8

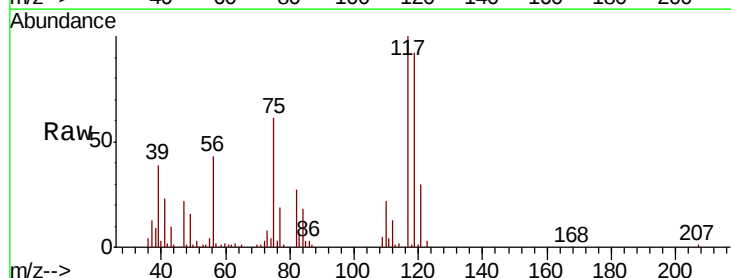


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

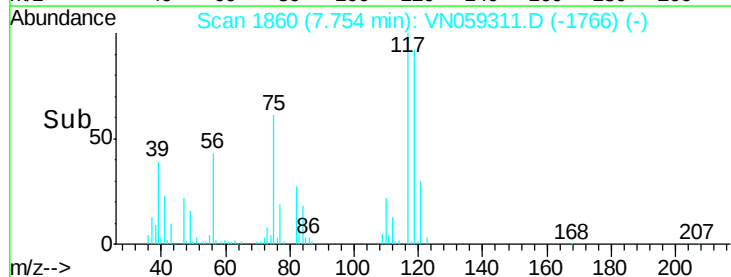
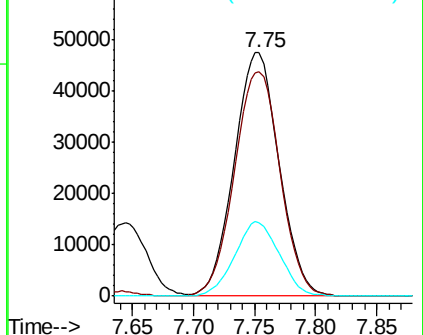


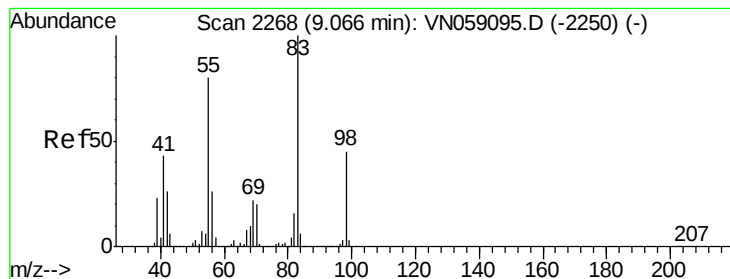
#38
Carbon Tetrachloride
Concen: 21.280 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 117 Resp: 120909
Ion Ratio Lower Upper
117 100
119 91.8 75.6 113.4
121 30.0 24.6 36.8



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





#39

Methvlcvclohexane

Concen: 22.994 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

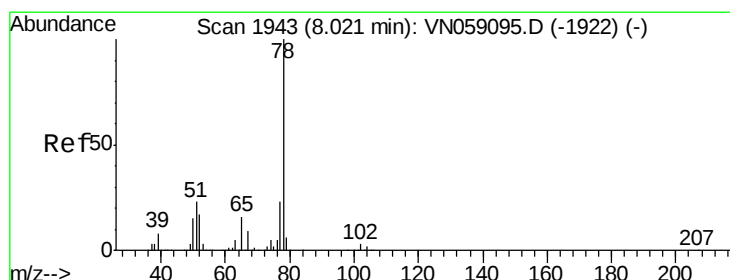
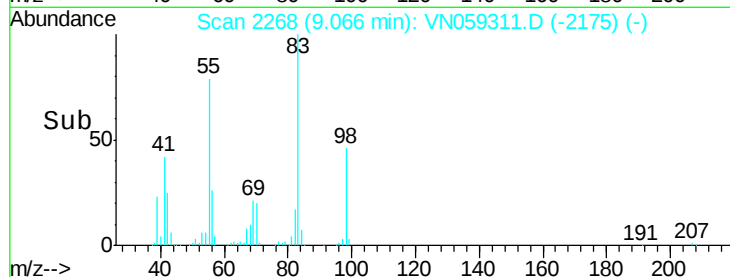
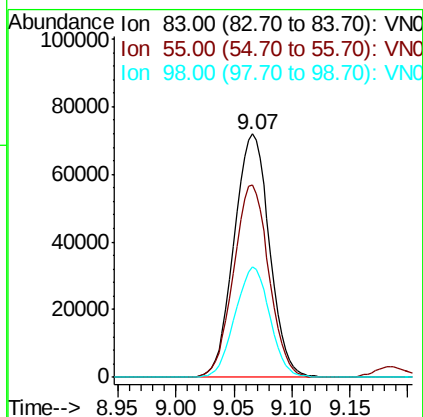
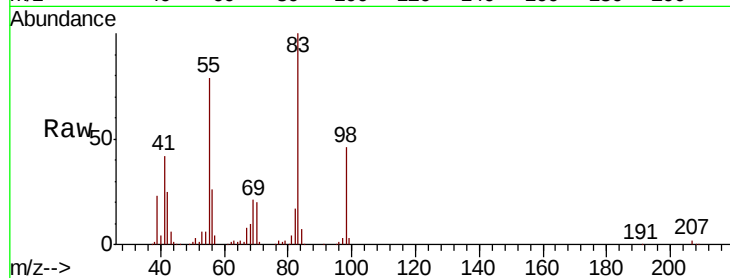
Tot Ion: 83 Resp: 152340

Ion Ratio Lower Upper

83 100

55 78.8 63.9 95.9

98 45.5 35.6 53.4



#40

Benzene

Concen: 21.651 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059311.D

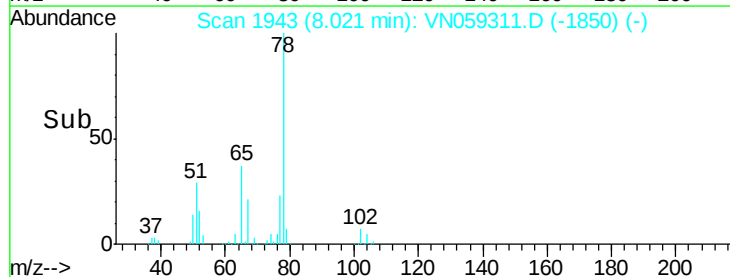
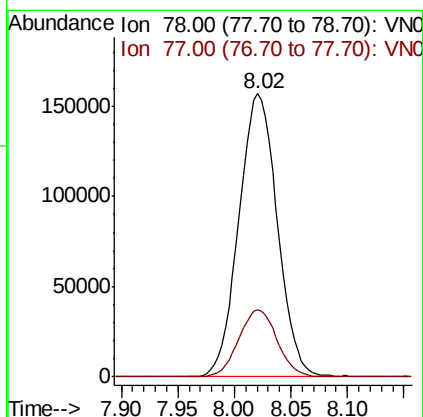
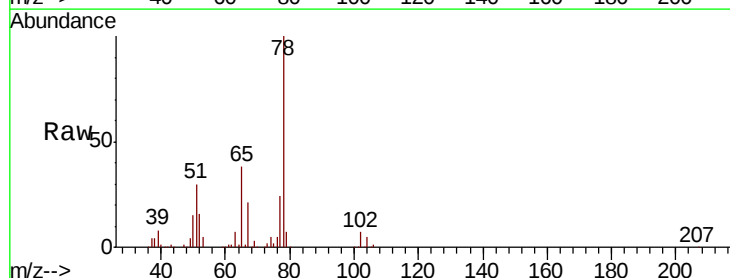
Acq: 19 Nov 2019 17:36

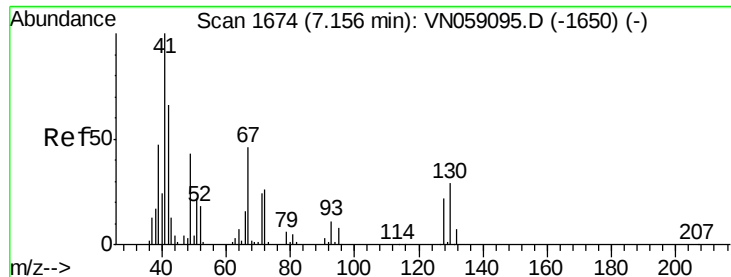
Tgt Ion: 78 Resp: 372186

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

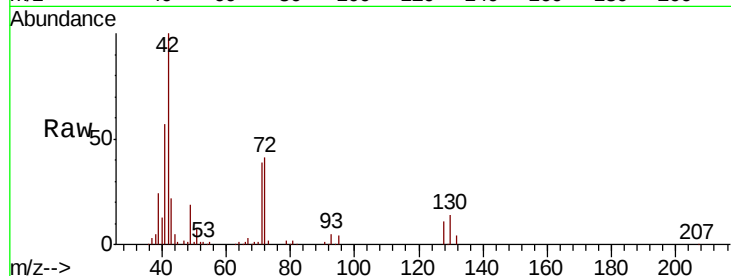




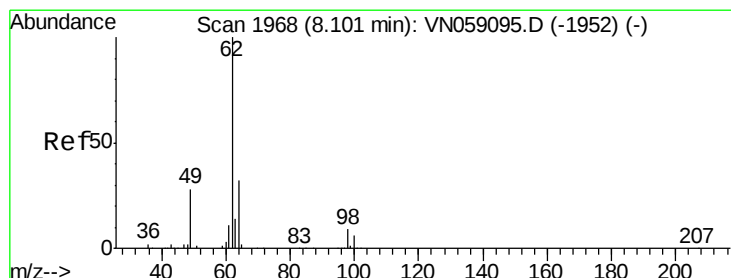
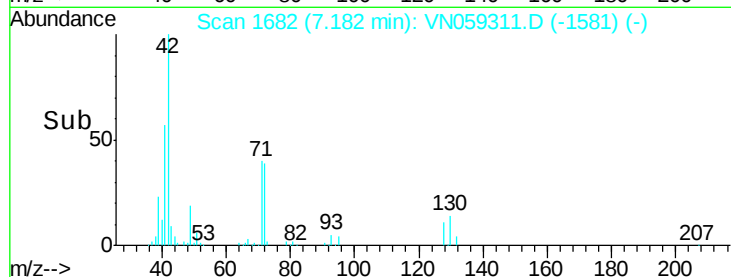
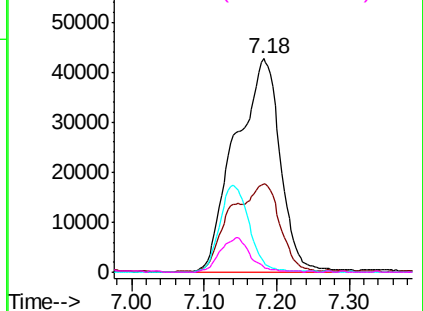
#41
Methacrylonitrile
Concen: 66.739 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	184300
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

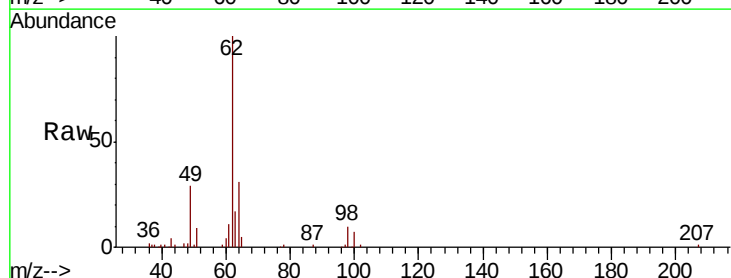


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

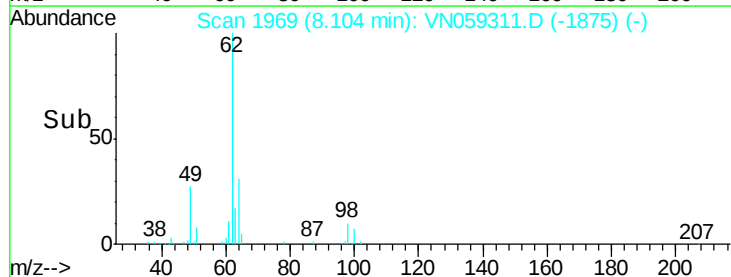
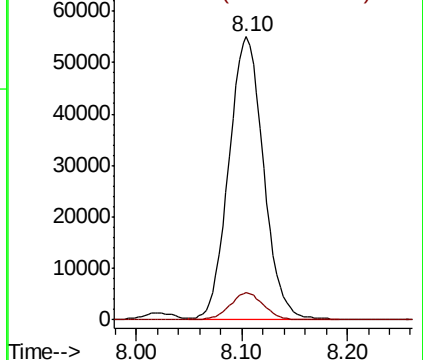


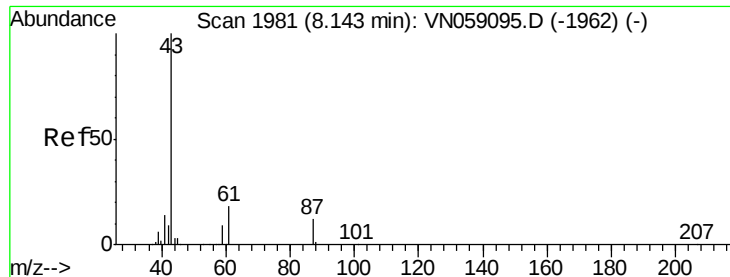
#42
1,2-Dichloroethane
Concen: 21.188 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion:	62	Resp:	124920
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



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



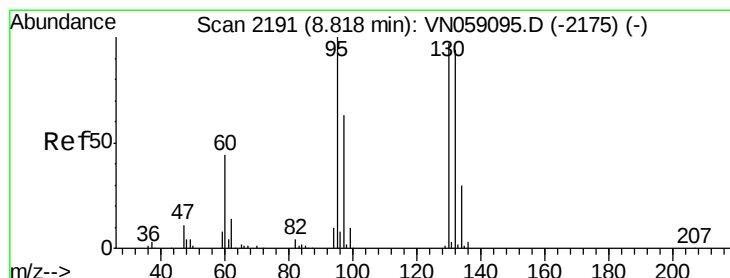
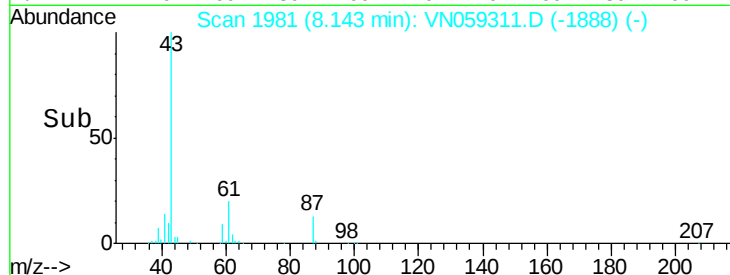
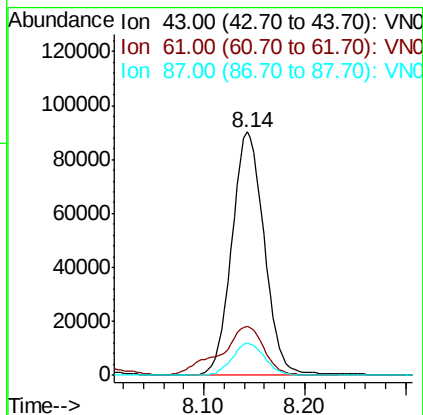
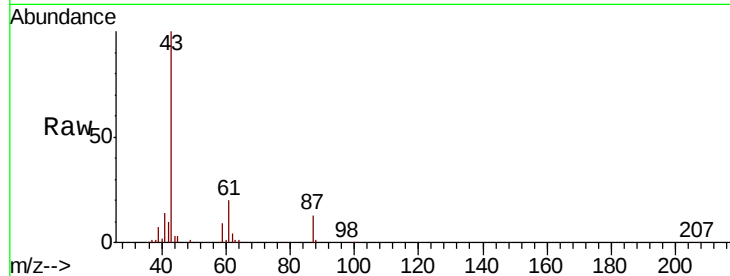


#43

Isopropyl Acetate
 Concen: 19.738 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :

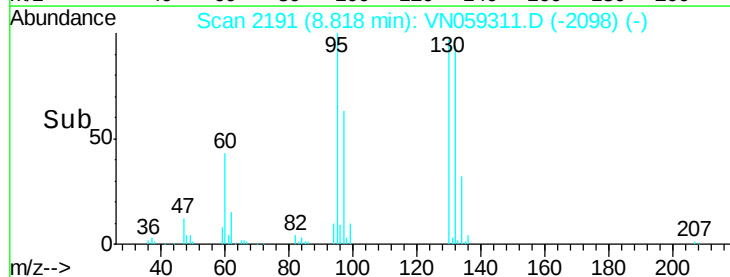
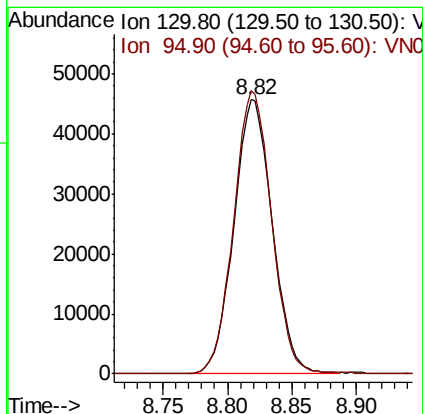
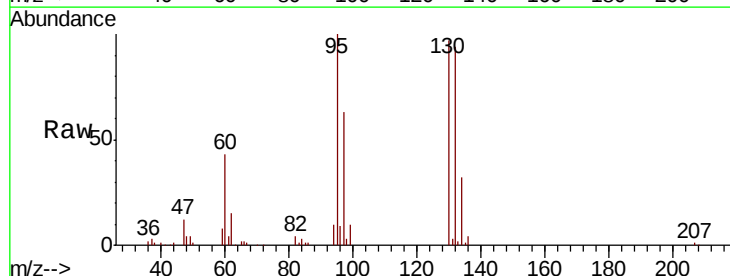
Tot Ion	43	Resp	199837
Ion Ratio	Lower	Upper	
43	100		
61	27.4	21.0	31.6
87	13.5	9.8	14.6

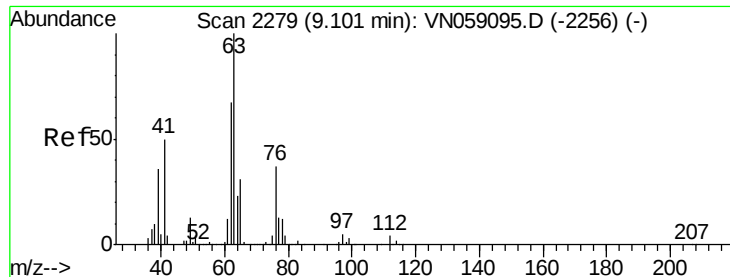


#44

Trichloroethene
 Concen: 22.418 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion	130	Resp	94733
Ion Ratio	Lower	Upper	
130	100		
95	103.3	0.0	206.4

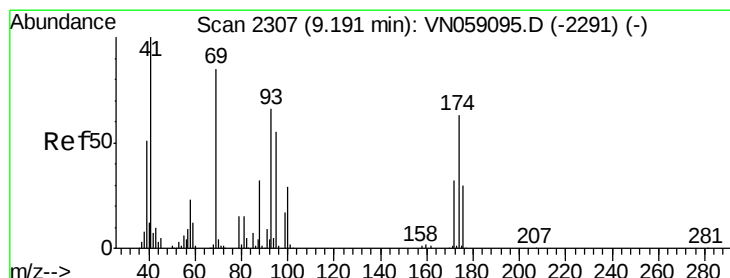
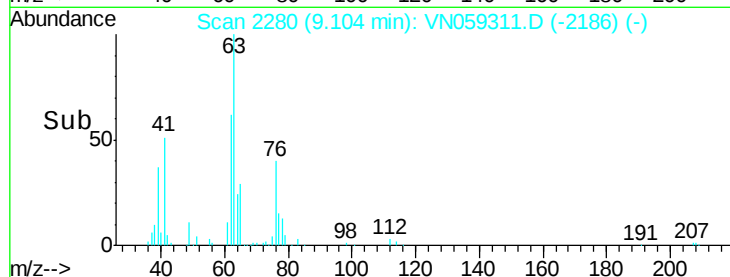
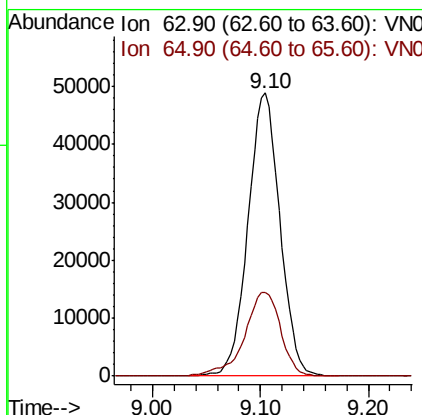
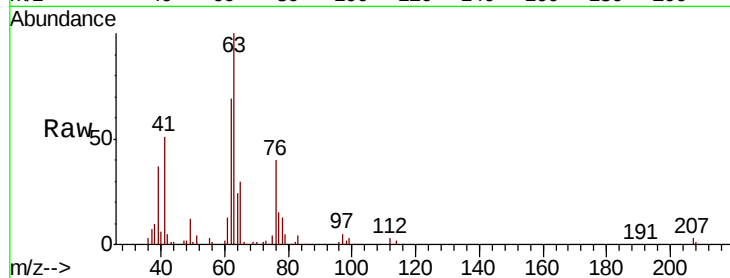




#45
 1,2-Dichloropropane
 Concen: 21.539 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

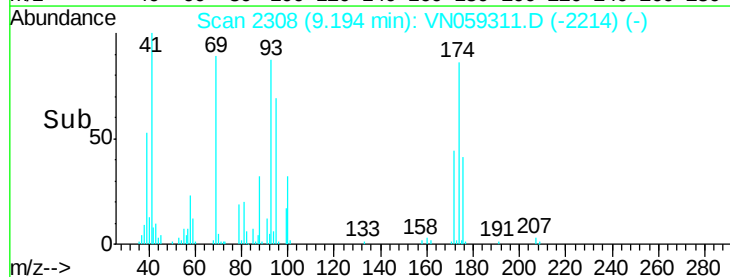
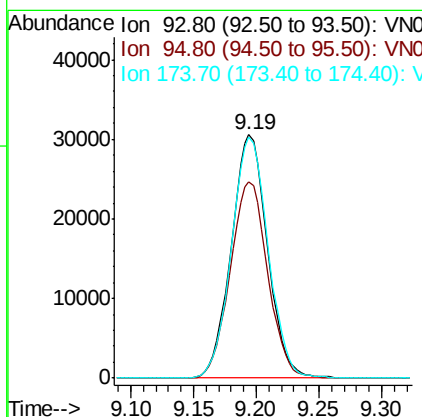
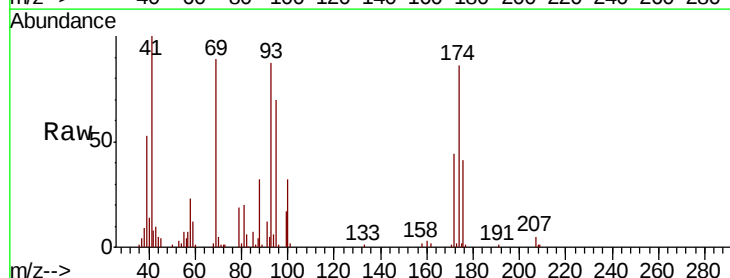
Instrument :
 MSVOA_N
 ClientSampled :

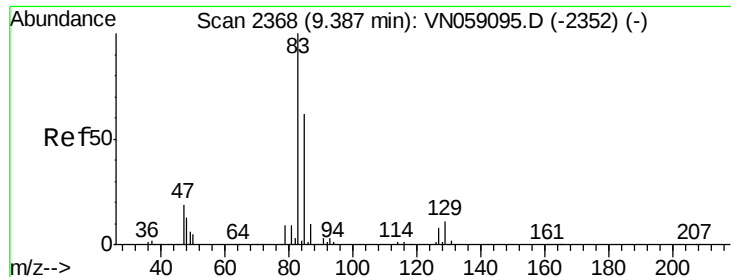
Tot Ion: 63 Resp: 100571
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 37.0



#46
 Dibromomethane
 Concen: 21.081 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion: 93 Resp: 61338
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 100.2 78.2 117.2





#47

Bromodichloromethane

Concen: 20.892 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

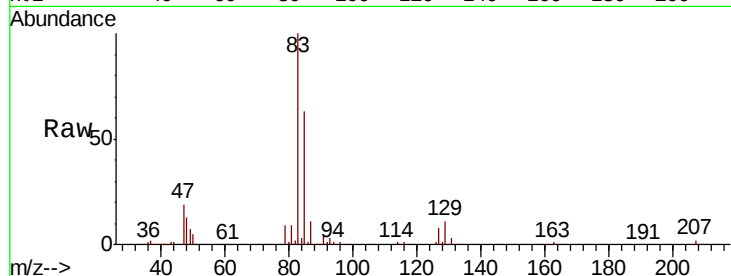
Tot Ion: 83 Resp: 121382

Ion Ratio Lower Upper

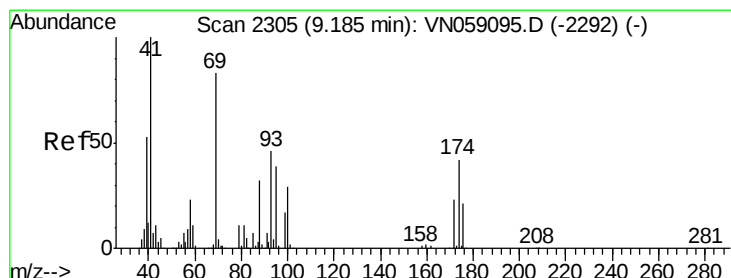
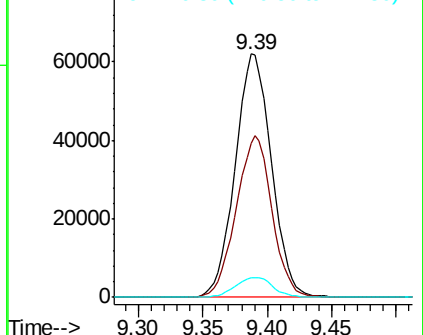
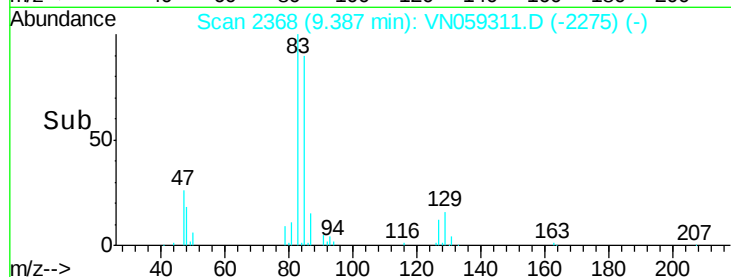
83 100

85 63.3 49.7 74.5

127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059311.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.532 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

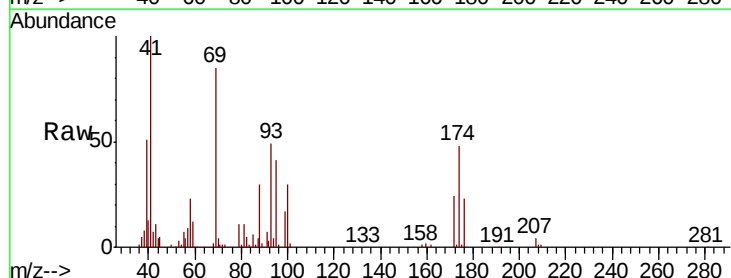
Tgt Ion: 41 Resp: 88452

Ion Ratio Lower Upper

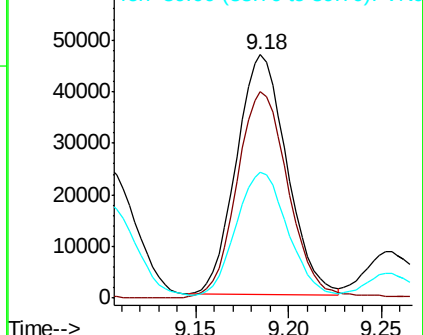
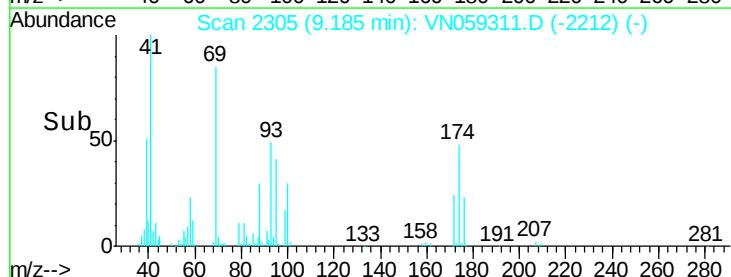
41 100

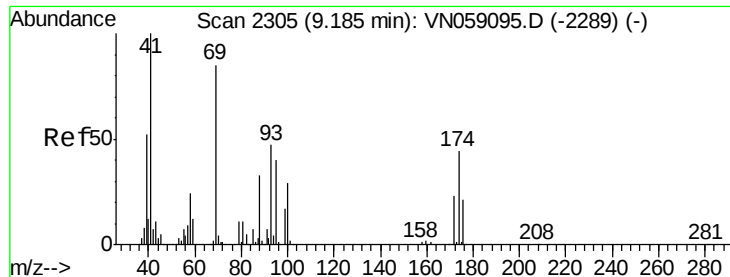
69 88.5 67.3 100.9

39 51.7 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VN059311.D (-2212) (-)

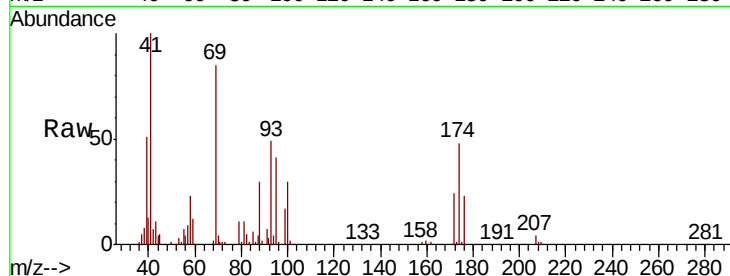




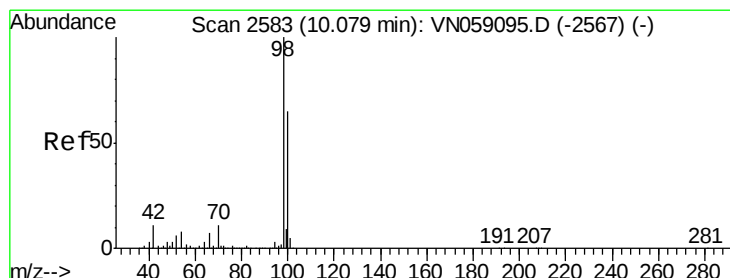
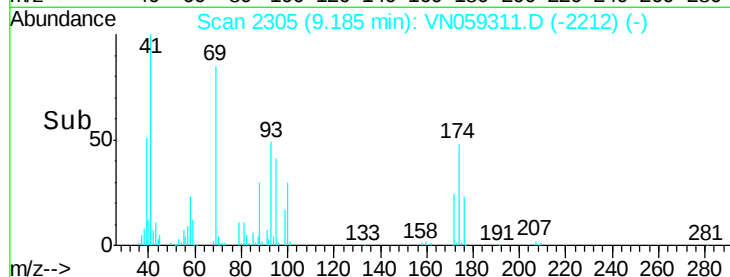
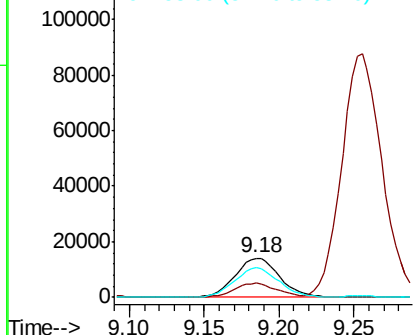
#49
1,4-Dioxane
Concen: 364.525 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 29337
Ion Ratio Lower Upper
88 100
43 32.3 26.3 39.5
58 74.8 60.6 90.8

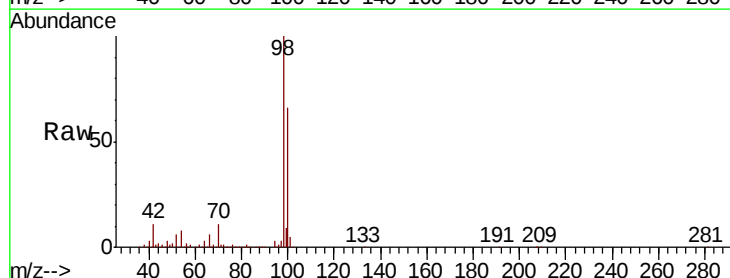


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

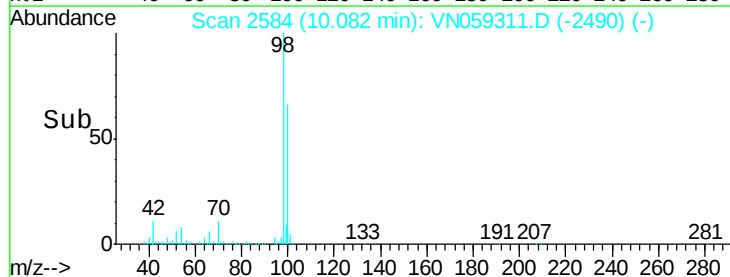
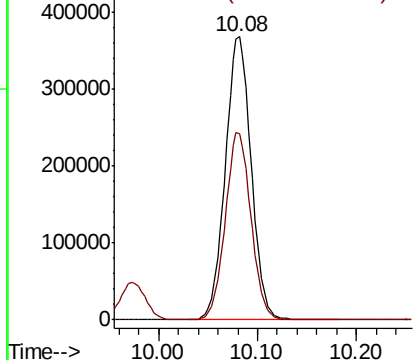


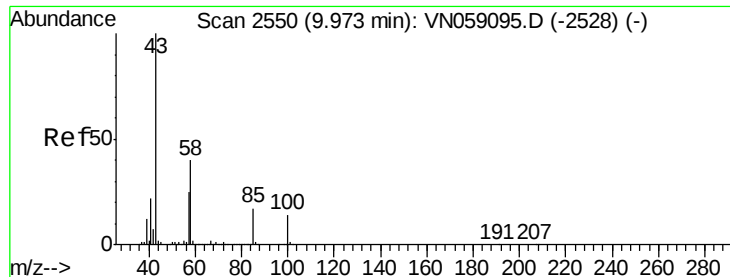
#50
Toluene-d8
Concen: 47.104 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 98 Resp: 676597
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



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: 106.855 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

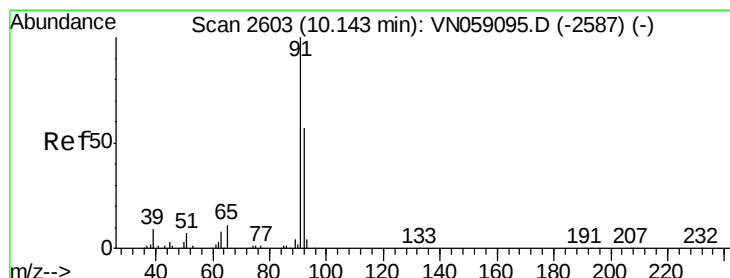
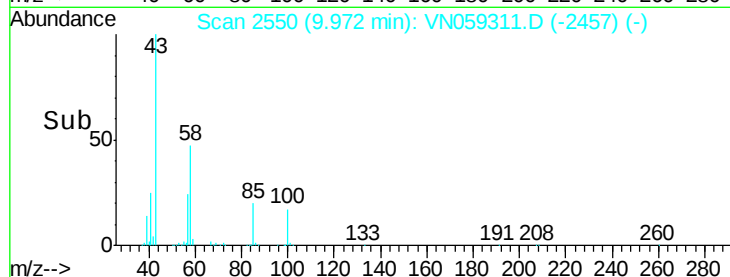
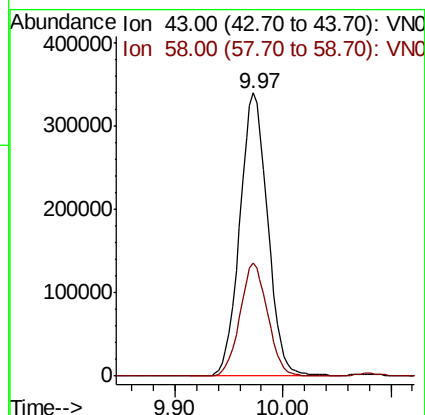
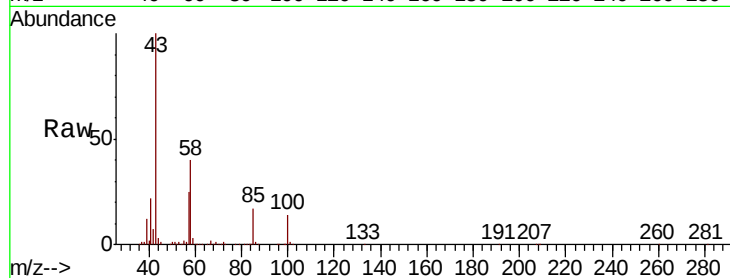
ClientSampleId :

Tot Ion: 43 Resp: 612132

Ion Ratio Lower Upper

43 100

58 39.6 31.5 47.3



#52

Toluene

Concen: 22.160 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059311.D

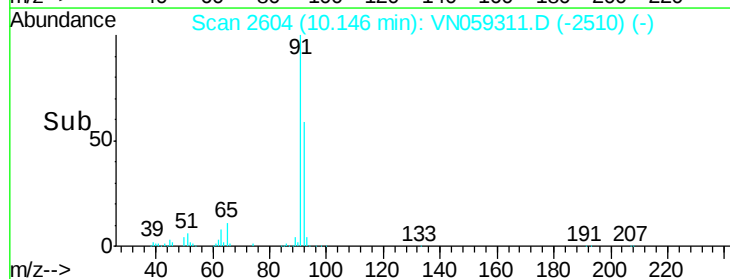
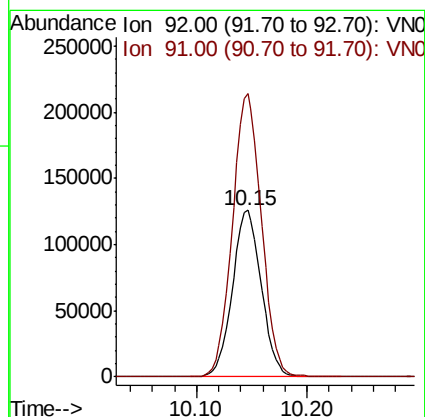
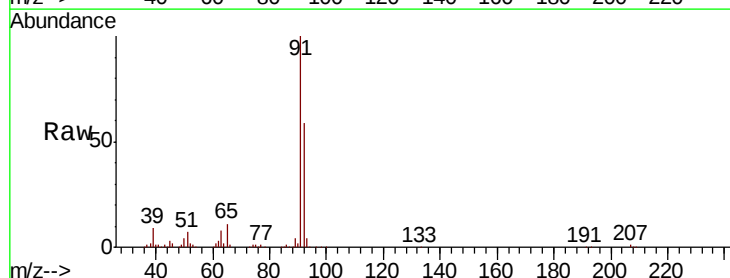
Acq: 19 Nov 2019 17:36

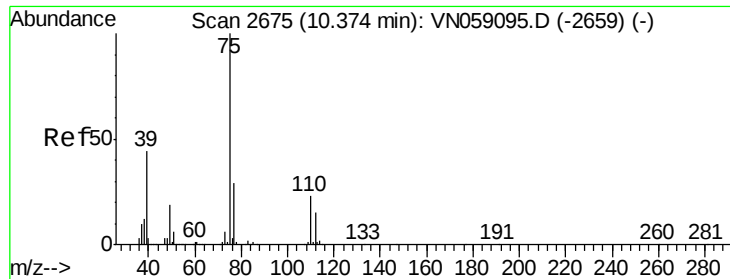
Tgt Ion: 92 Resp: 228323

Ion Ratio Lower Upper

92 100

91 171.2 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 21.069 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

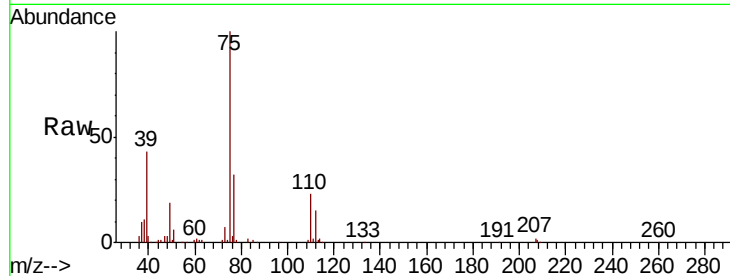
ClientSampleId :

Tot Ion: 75 Resp: 141426

Ion Ratio Lower Upper

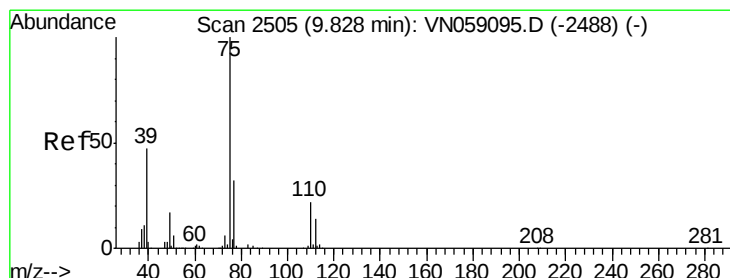
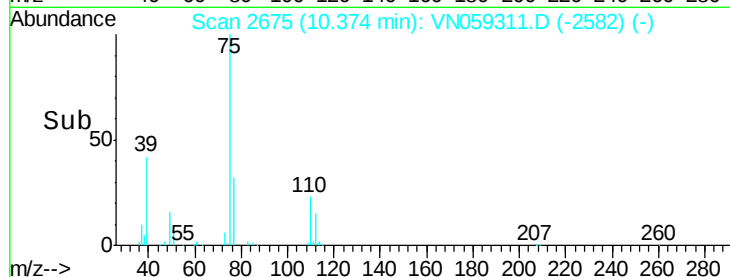
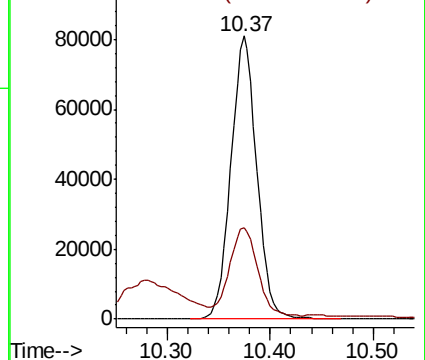
75 100

77 31.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



#54

cis-1,3-Dichloropropene

Concen: 21.532 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

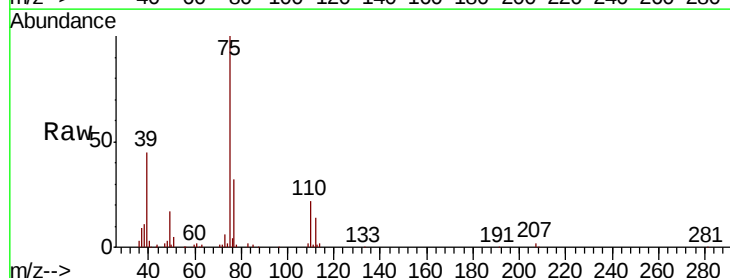
Tgt Ion: 75 Resp: 155473

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

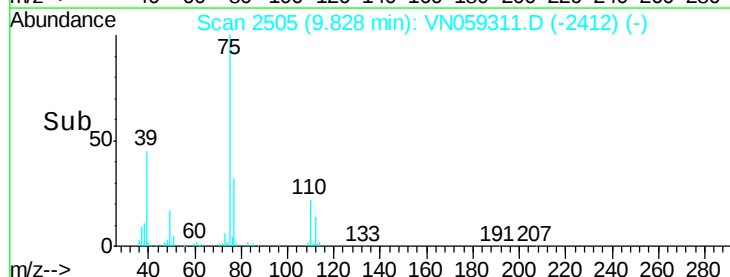
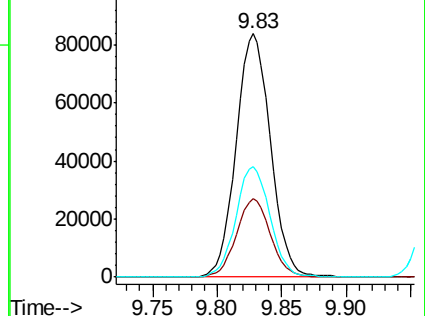
39 45.2 37.3 55.9

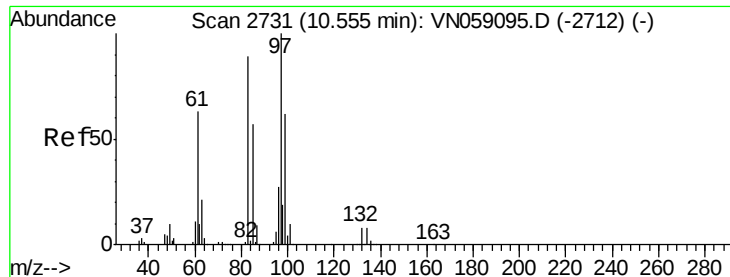


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO

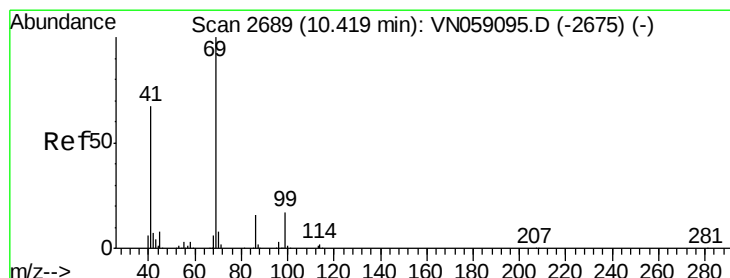
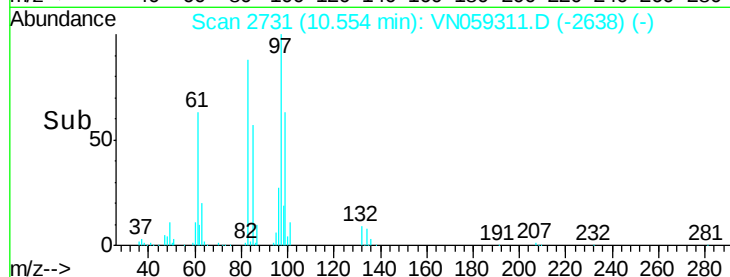
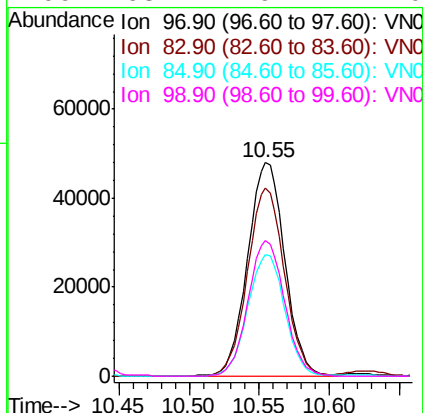
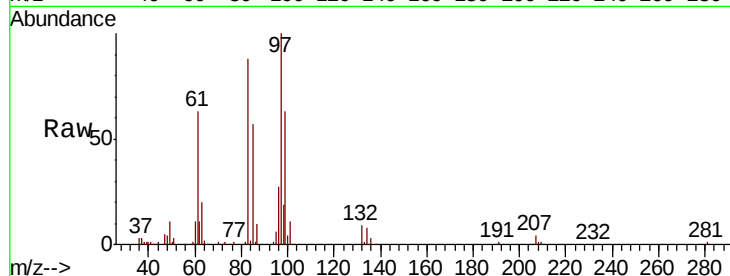




#55
 1,1,2-Trichloroethane
 Concen: 21.273 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

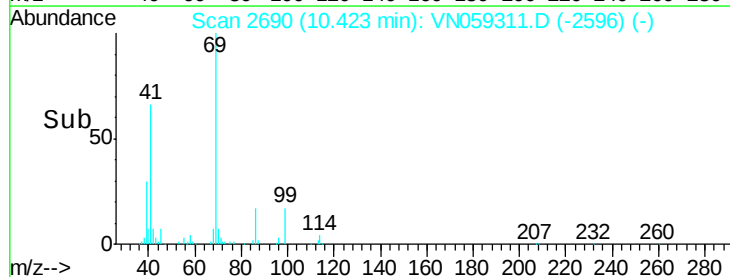
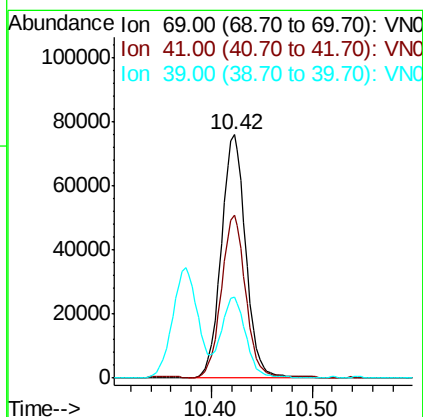
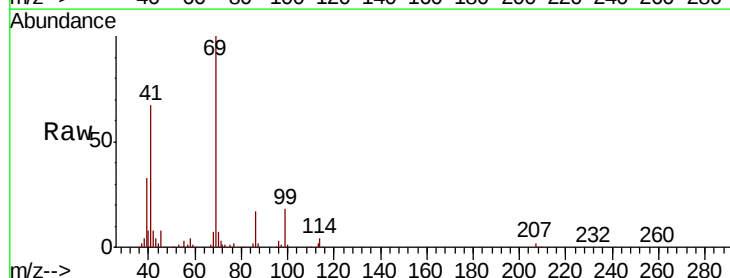
Instrument :
 MSVOA_N
 ClientSampleId :

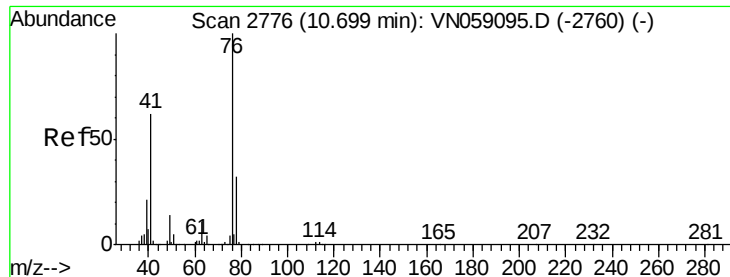
Tot Ion:	97	Resp:	88707
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.0	106.4
85	56.9	45.8	68.8
99	63.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.715 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion:	69	Resp:	128919
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.6	80.4
39	32.9	26.2	39.4





#57

1,3-Dichloropropane

Concen: 21.321 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

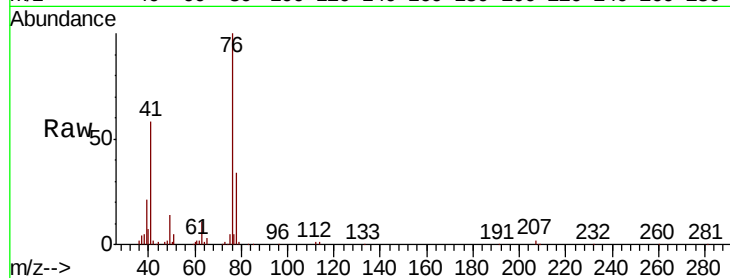
ClientSampleId :

Tot Ion: 76 Resp: 153017

Ion Ratio Lower Upper

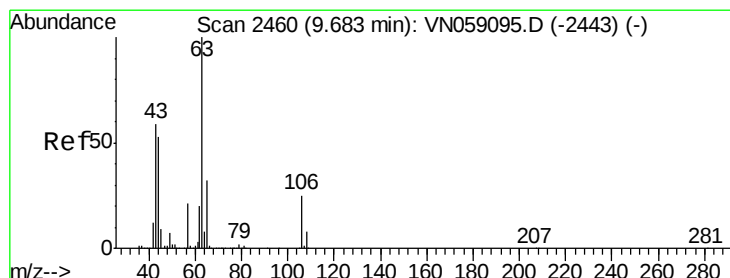
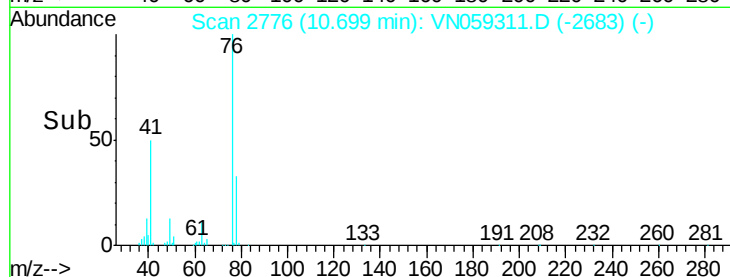
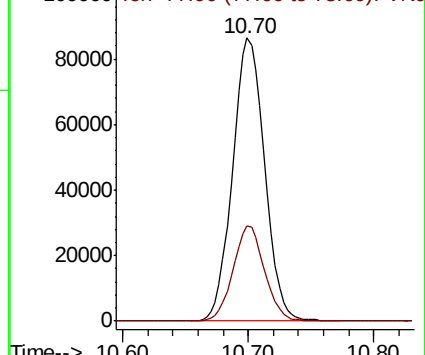
76 100

78 33.0 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: 94.373 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059311.D

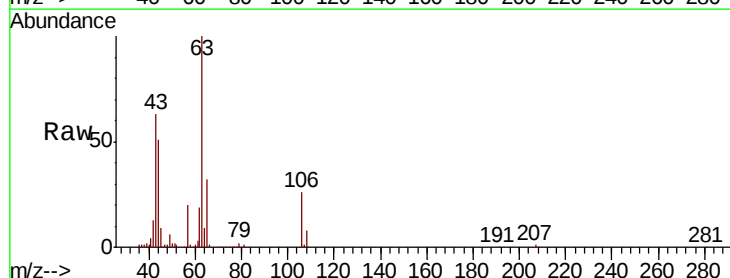
Acq: 19 Nov 2019 17:36

Tgt Ion: 63 Resp: 219007

Ion Ratio Lower Upper

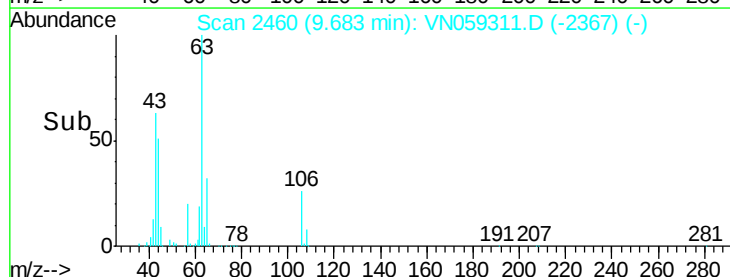
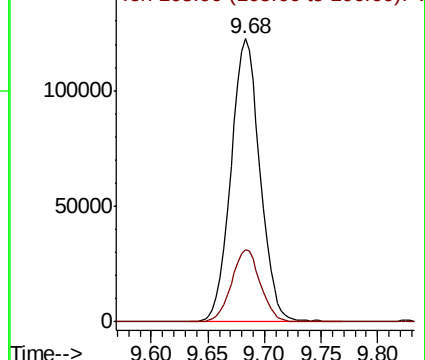
63 100

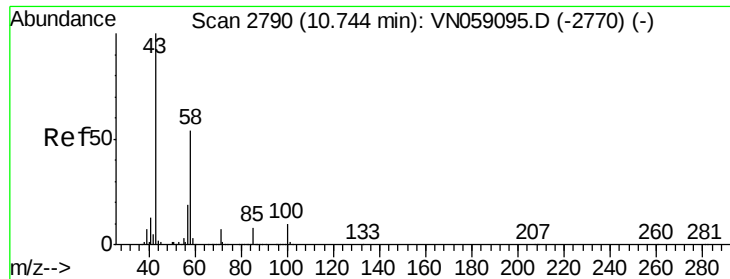
106 25.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

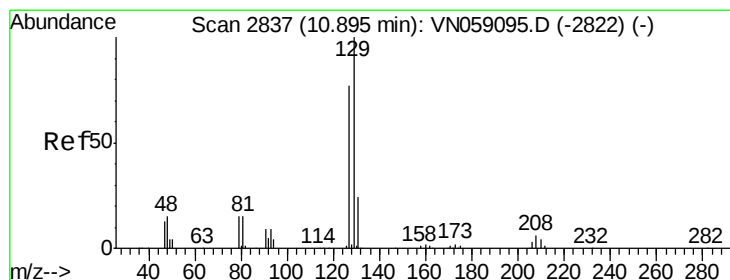
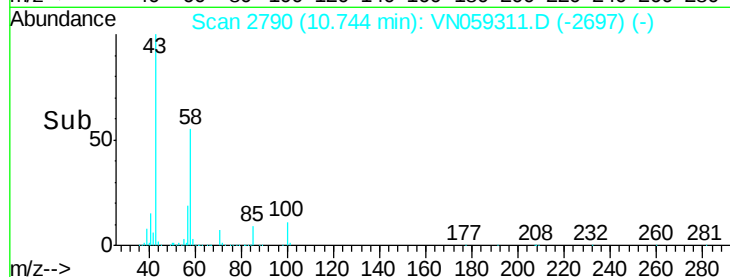
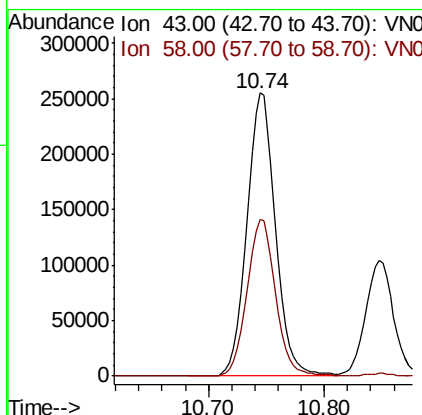
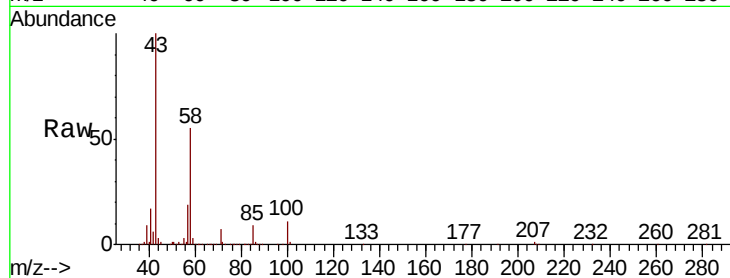




#59
2-Hexanone
Concen: 99.605 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

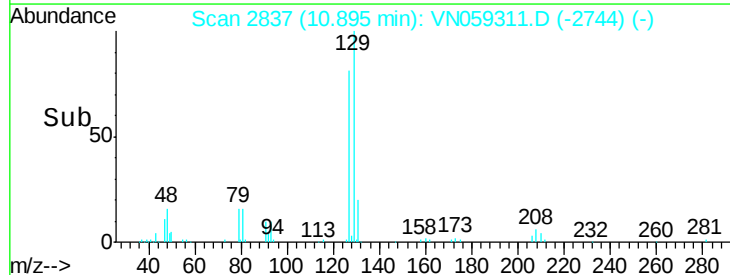
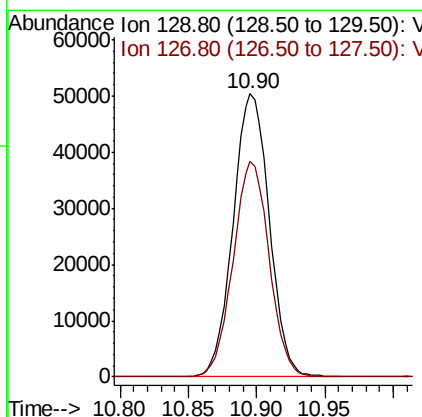
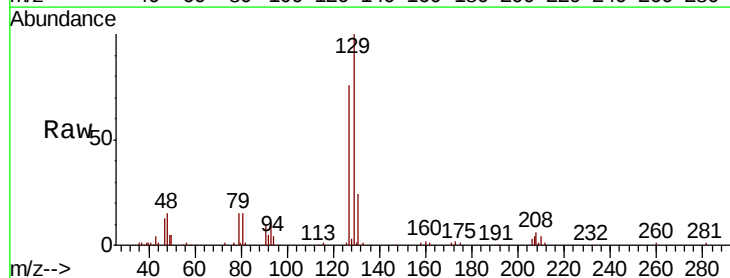
Instrument :
MSVOA_N
ClientSampleId :

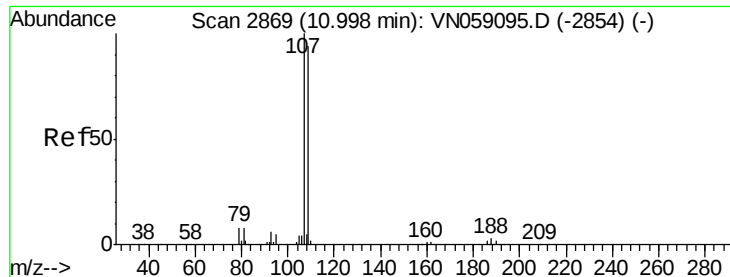
Tot Ion: 43 Resp: 437961
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 21.081 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 129 Resp: 92940
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.305 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

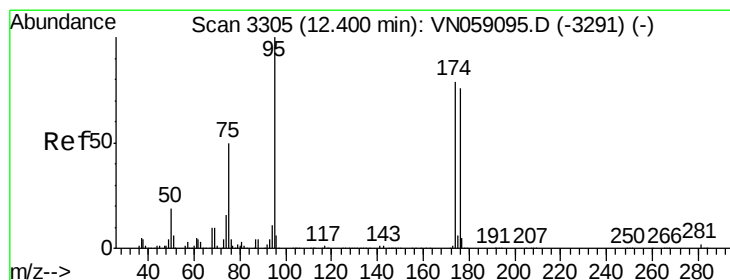
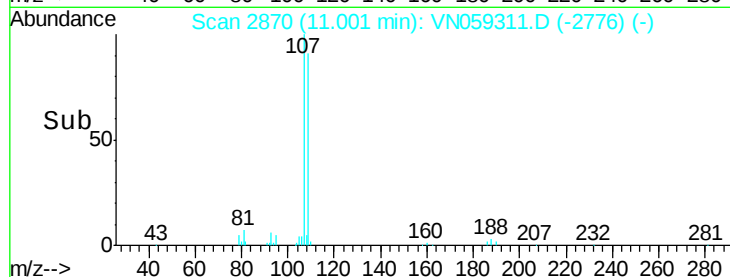
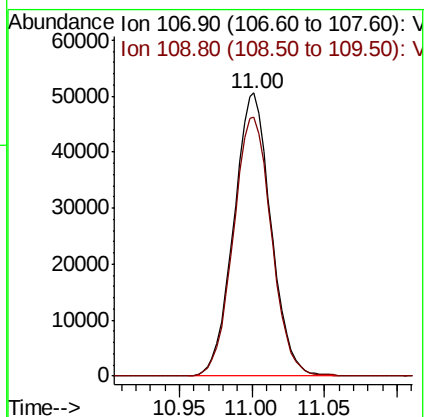
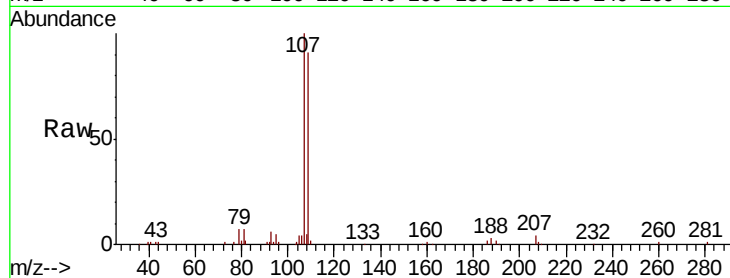
ClientSampleId :

Tot Ion:107 Resp: 89935

Ion Ratio Lower Upper

107 100

109 93.8 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 48.676 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

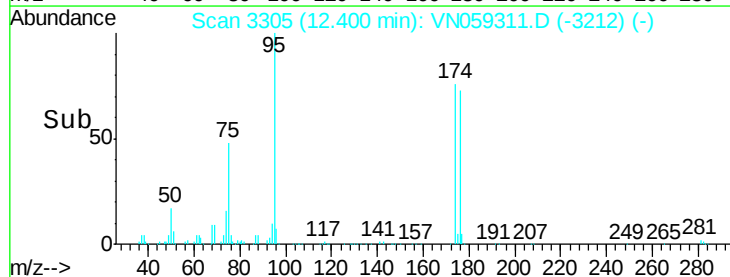
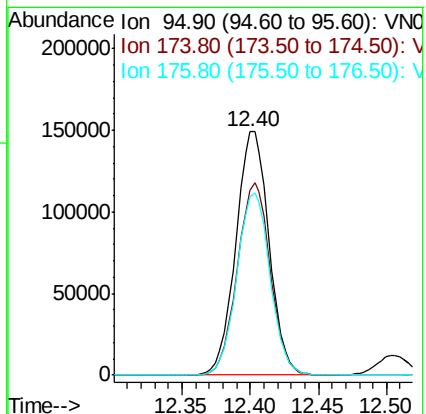
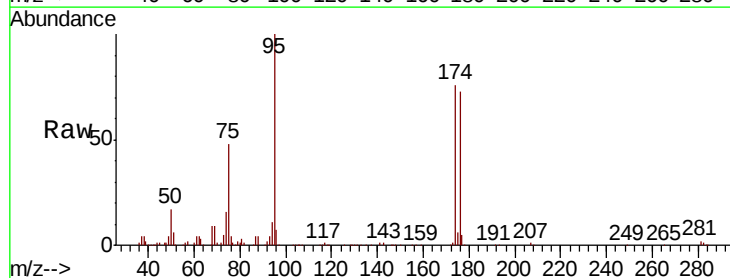
Tgt Ion: 95 Resp: 252097

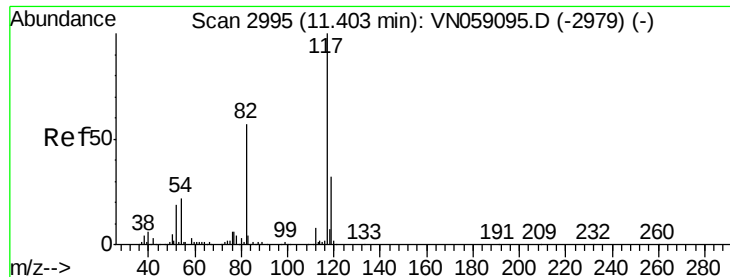
Ion Ratio Lower Upper

95 100

174 78.7 0.0 158.2

176 75.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

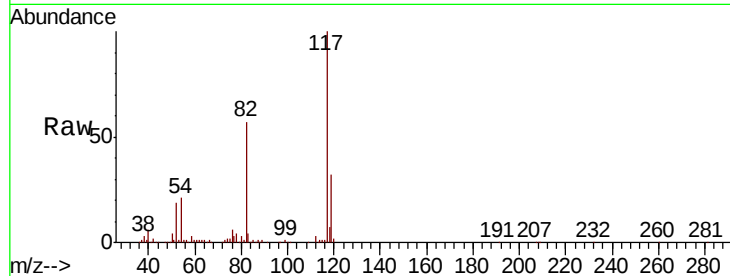
Tot Ion:117 Resp: 542761

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

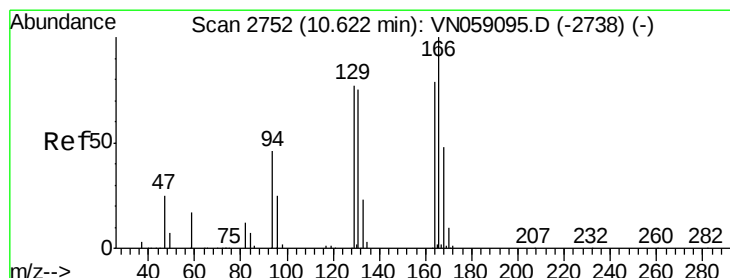
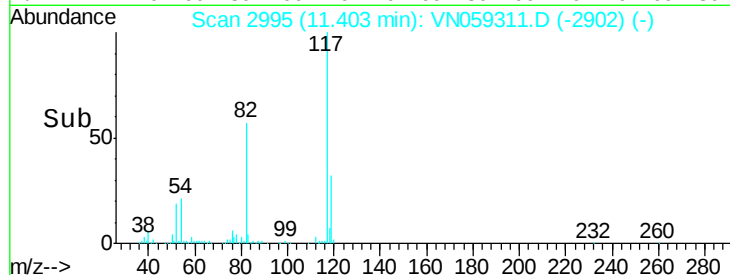
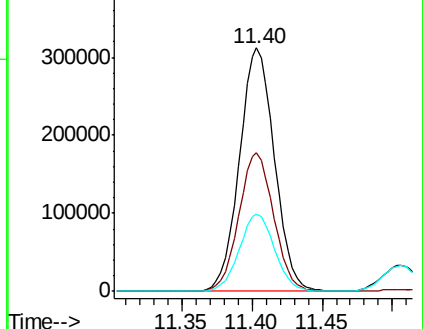
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.989 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Tgt Ion:164 Resp: 84844

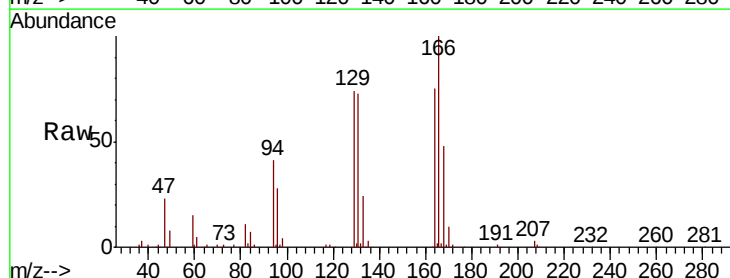
Ion Ratio Lower Upper

164 100

166 133.6 101.5 152.3

129 99.5 78.3 117.5

131 97.7 75.9 113.9

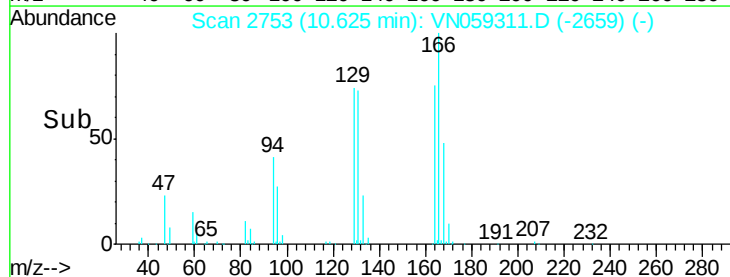
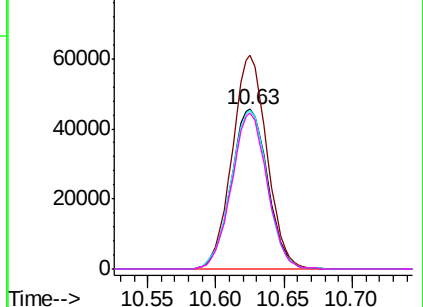


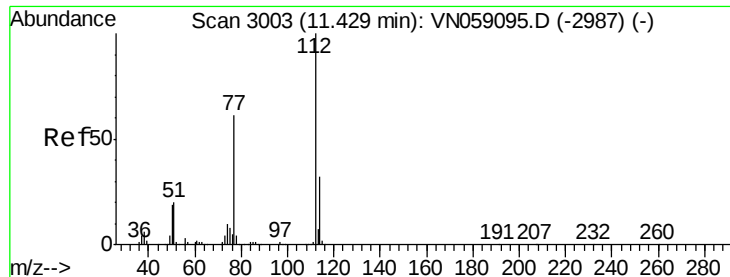
Abundance Ion 163.80 (163.50 to 164.50): V

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: 22.276 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

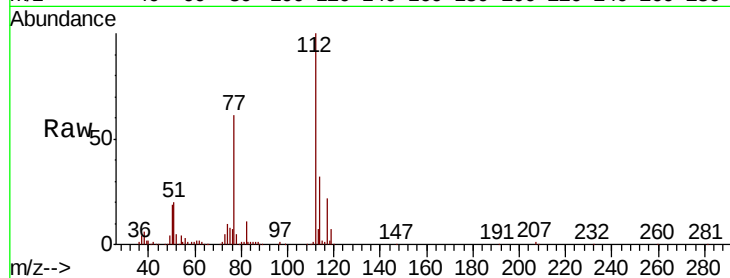
ClientSampleId :

Tot Ion:112 Resp: 235692

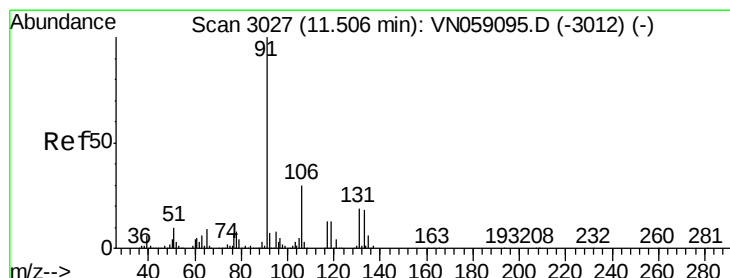
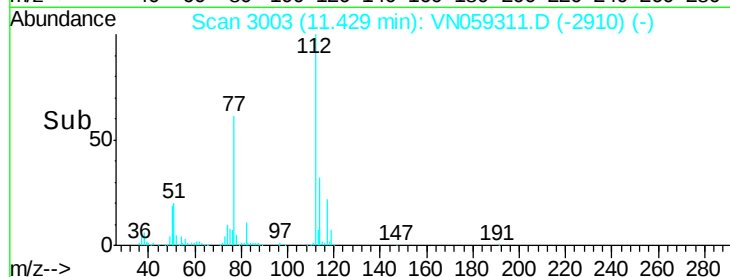
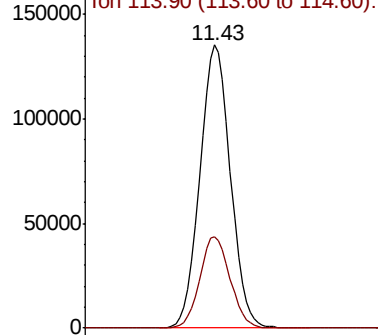
Ion Ratio Lower Upper

112 100

114 32.5 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.831 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

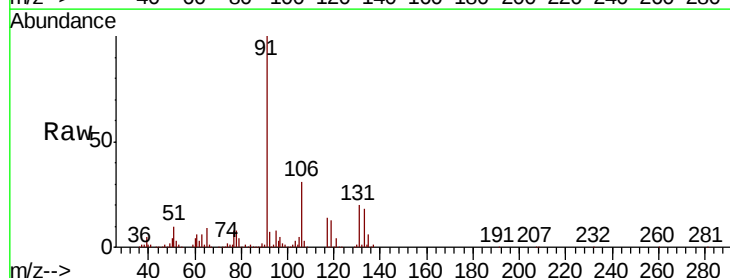
Tgt Ion:131 Resp: 86647

Ion Ratio Lower Upper

131 100

133 95.2 47.4 142.3

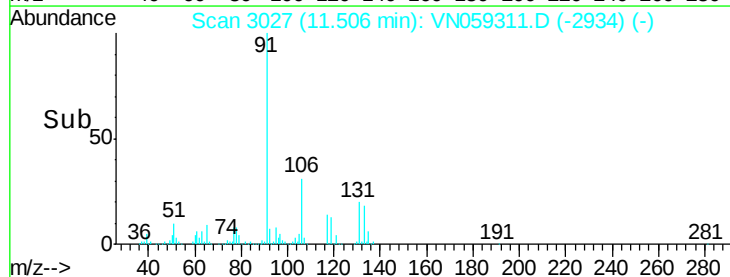
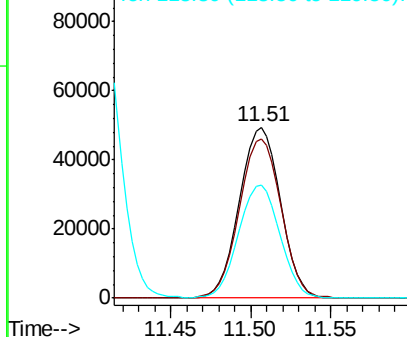
119 67.0 33.2 99.6

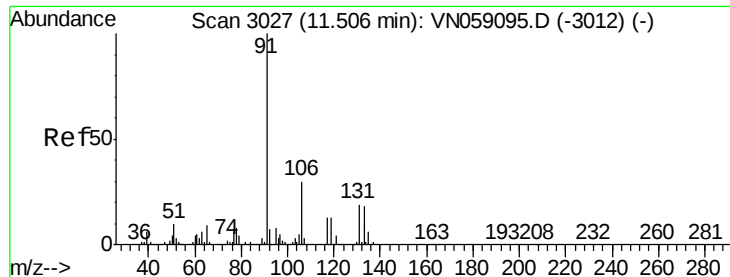


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

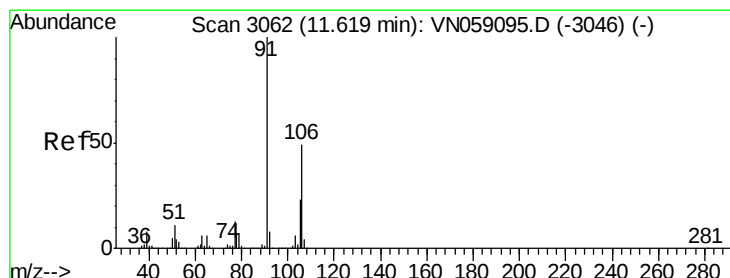
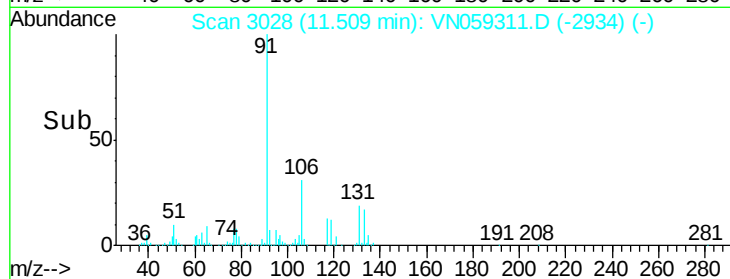
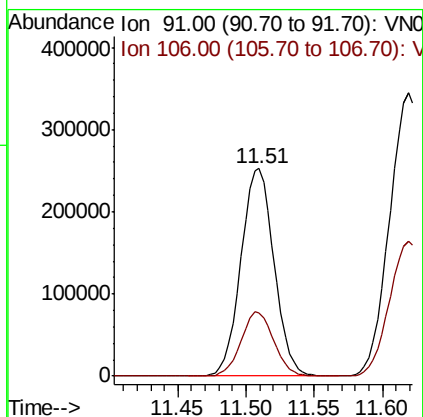
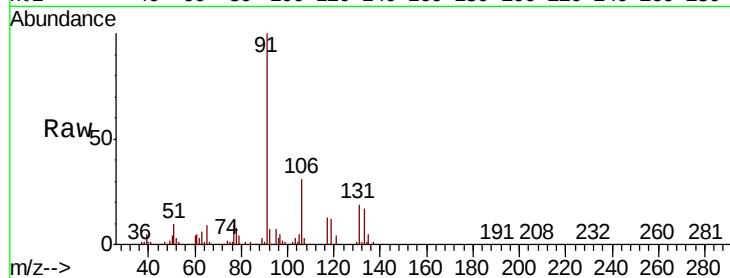




#67
Ethyl Benzene
Concen: 22.684 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

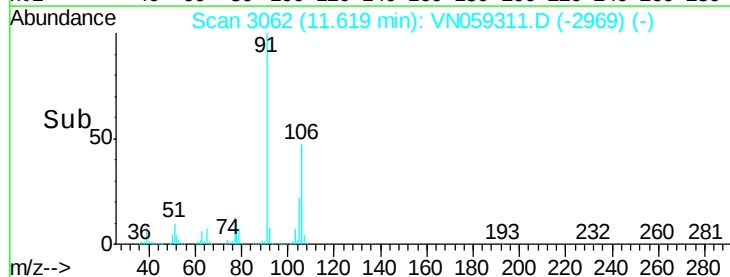
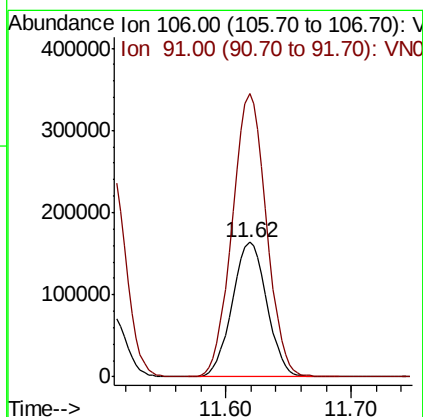
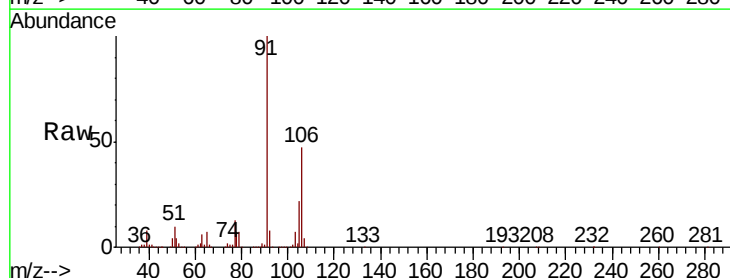
Instrument :
MSVOA_N
ClientSampled :

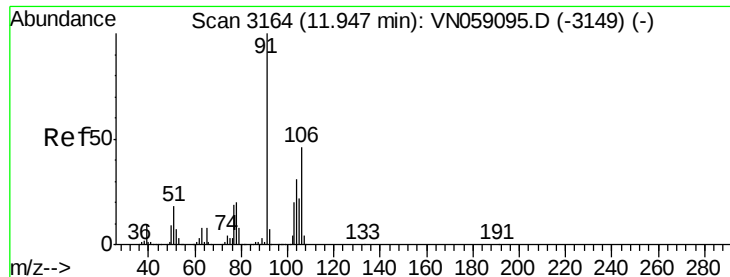
Tot Ion: 91 Resp: 425832
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 44.588 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion: 106 Resp: 313538
Ion Ratio Lower Upper
106 100
91 207.5 164.7 247.1

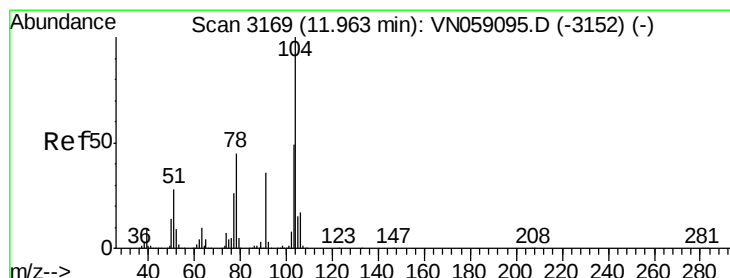
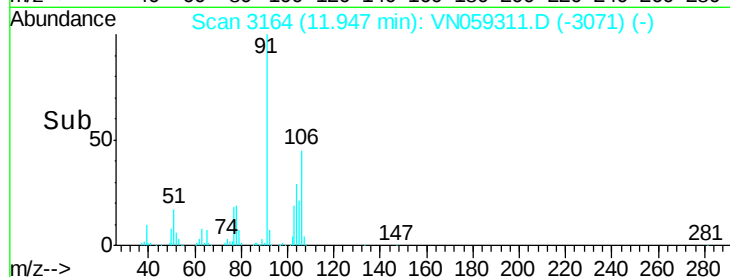
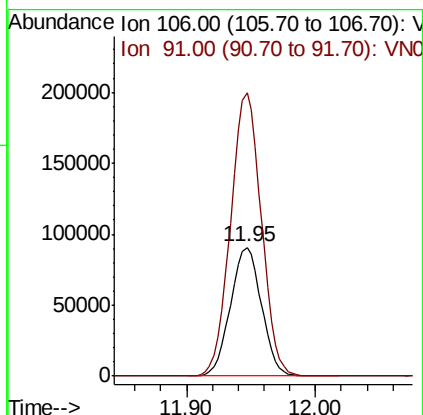
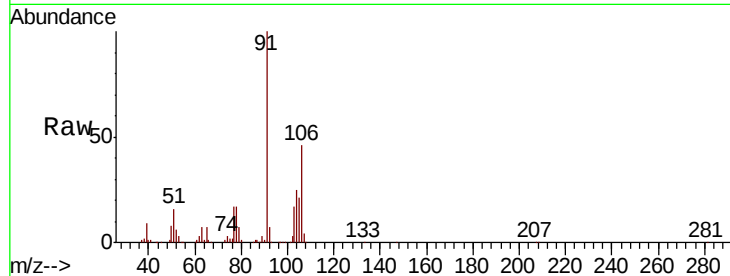




#69
o-Xylene
Concen: 22.293 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

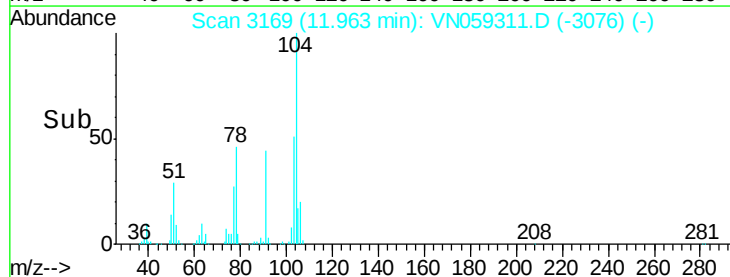
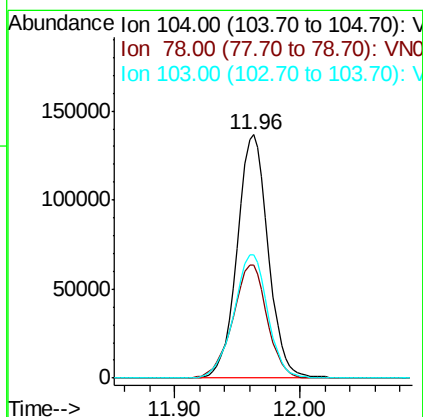
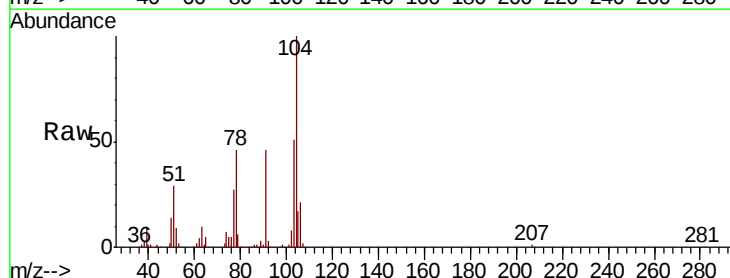
Instrument :
MSVOA_N
ClientSampled :

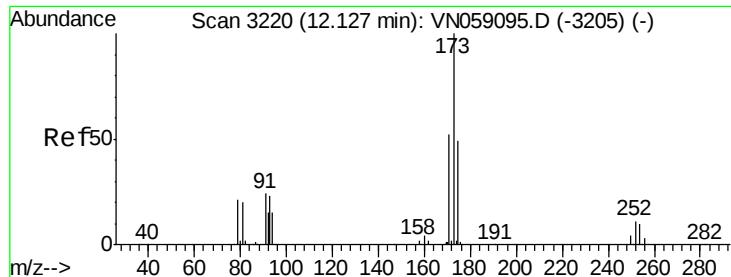
Tot Ion:106 Resp: 151492
Ion Ratio Lower Upper
106 100
91 218.6 110.1 330.3



#70
Styrene
Concen: 21.968 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059311.D
Acq: 19 Nov 2019 17:36

Tgt Ion:104 Resp: 234787
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 55.6 43.8 65.6





#71

Bromoform

Concen: 20.826 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

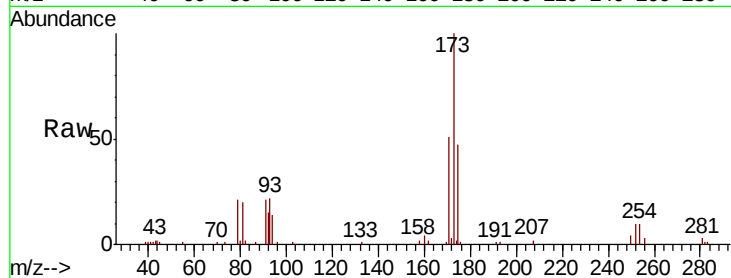
Tot Ion:173 Resp: 64295

Ion Ratio Lower Upper

173 100

175 47.6 24.2 72.6

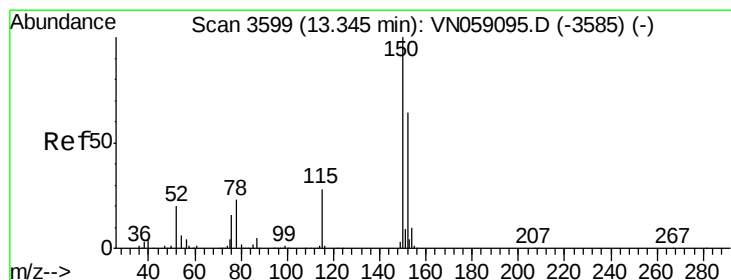
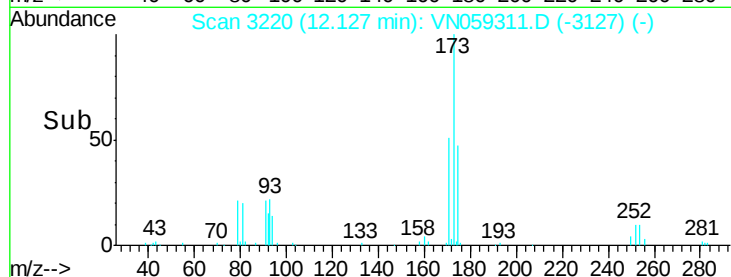
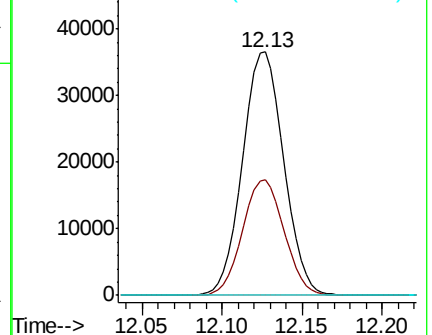
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

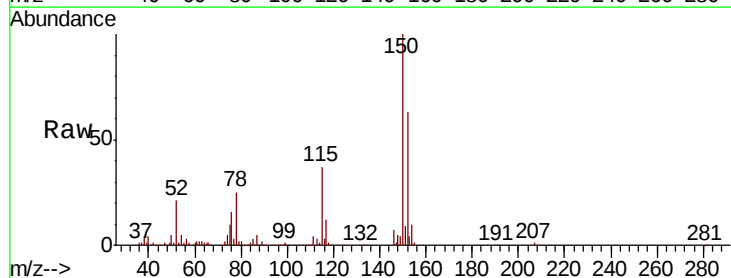
Tgt Ion:152 Resp: 249149

Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.2

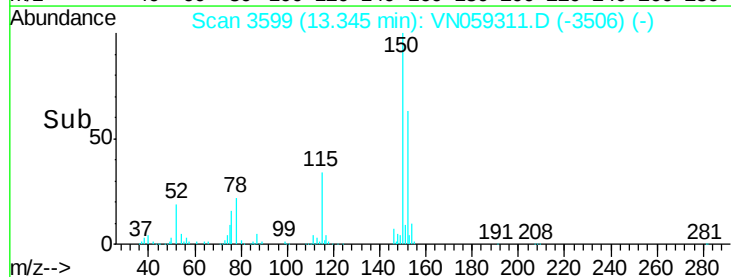
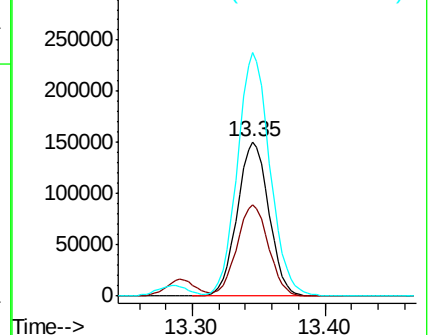
150 162.7 0.0 345.8

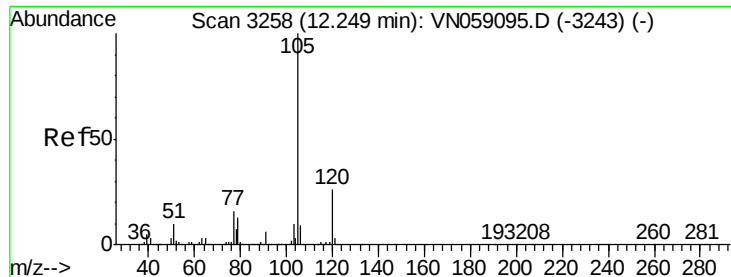


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.515 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

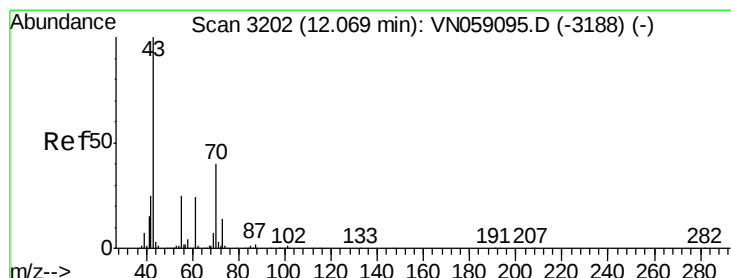
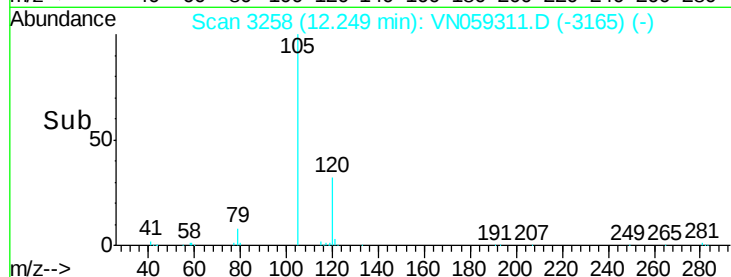
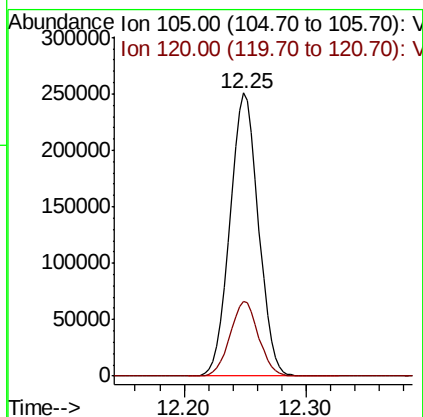
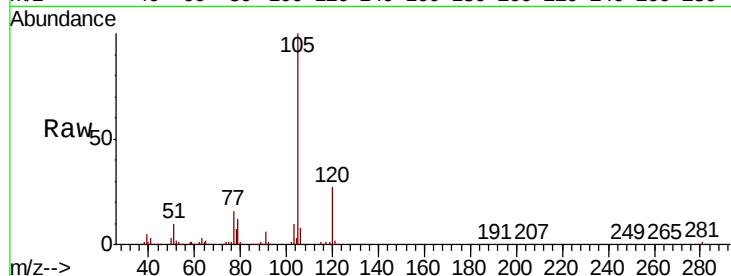
ClientSampled :

Tot Ion:105 Resp: 408036

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 19.788 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Tgt Ion: 43 Resp: 151963

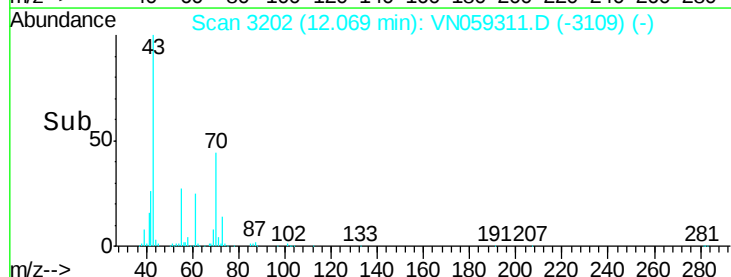
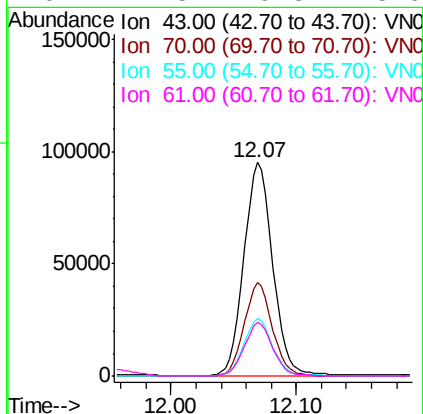
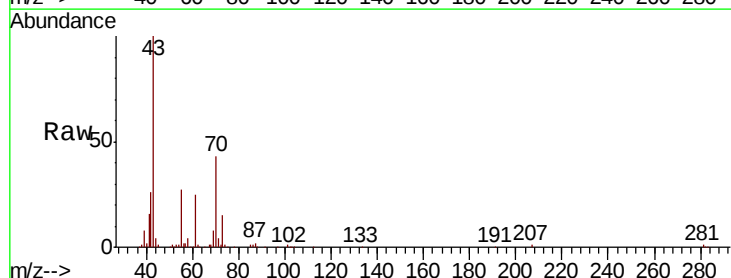
Ion Ratio Lower Upper

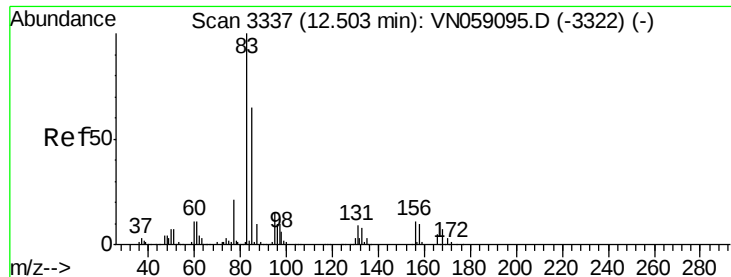
43 100

70 42.7 32.2 48.4

55 27.2 20.4 30.6

61 24.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.796 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

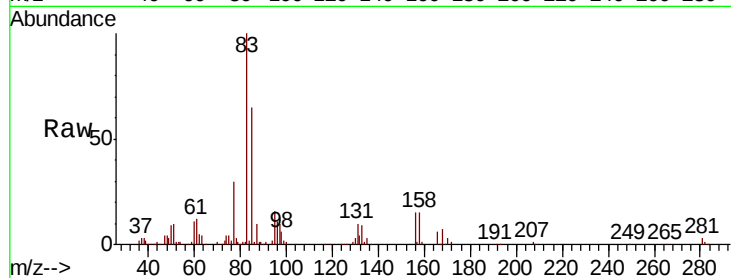
Tot Ion: 83 Resp: 128350

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	65.0	32.4	97.2

83 100

131 9.9 4.9 14.6

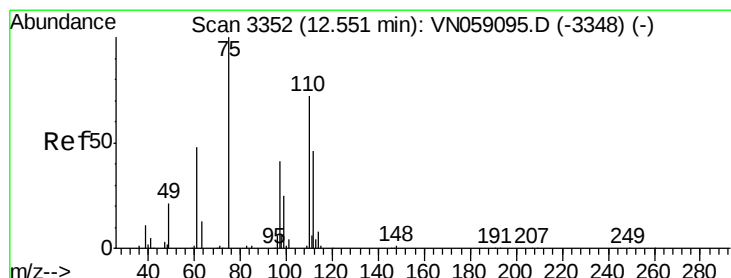
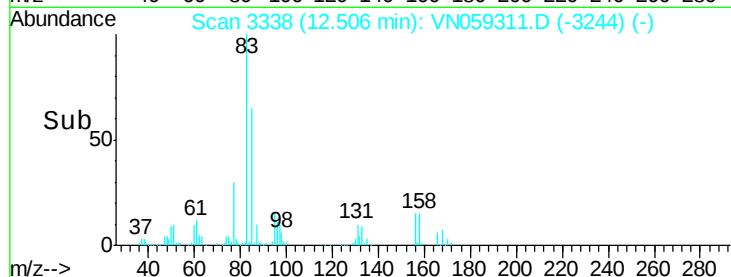
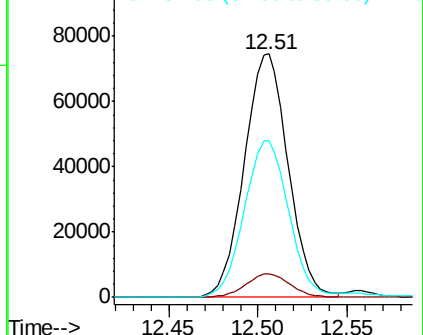
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059311.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059311.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059311.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.938 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059311.D

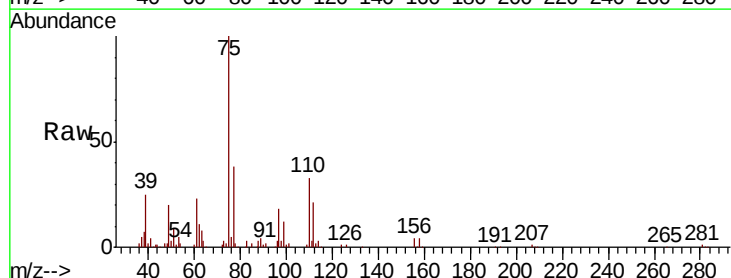
Acq: 19 Nov 2019 17:36

Tgt Ion: 75 Resp: 169819

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

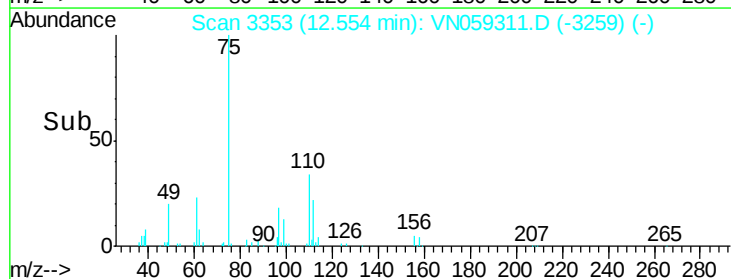
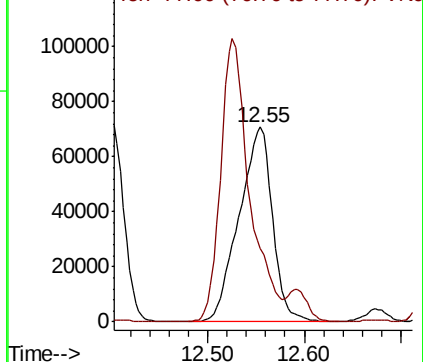
75 100

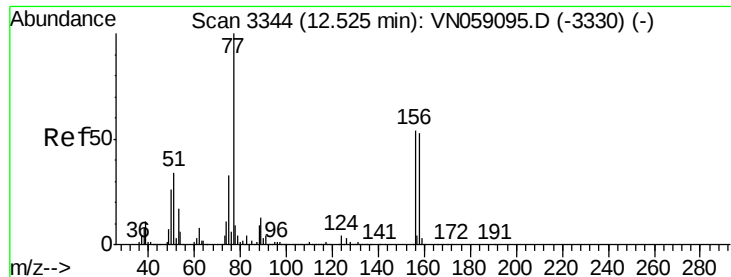
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059311.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059311.D (-3348) (-)





#77

Bromobenzene

Concen: 21.499 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

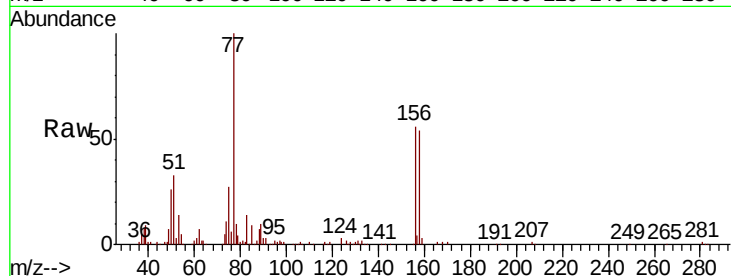
Tot Ion:156 Resp: 97893

Ion Ratio Lower Upper

156 100

77 218.2 112.8 338.3

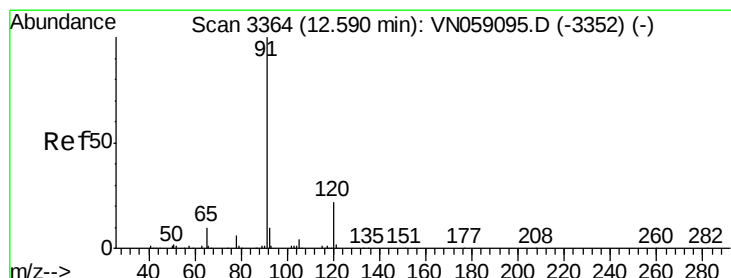
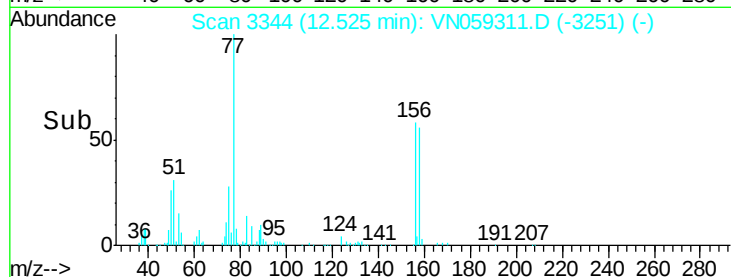
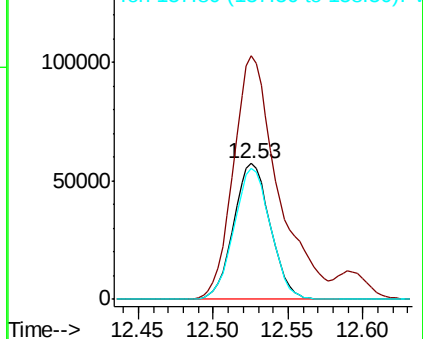
158 96.1 48.4 145.3



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: 22.543 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059311.D

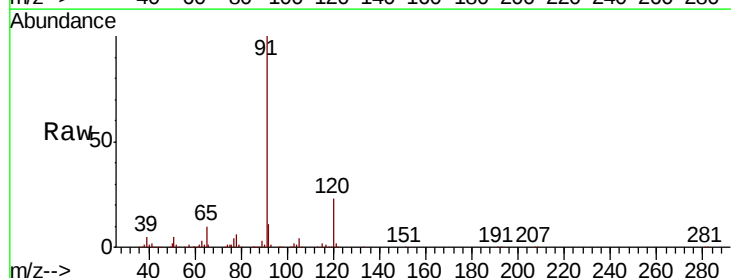
Acq: 19 Nov 2019 17:36

Tgt Ion: 91 Resp: 467794

Ion Ratio Lower Upper

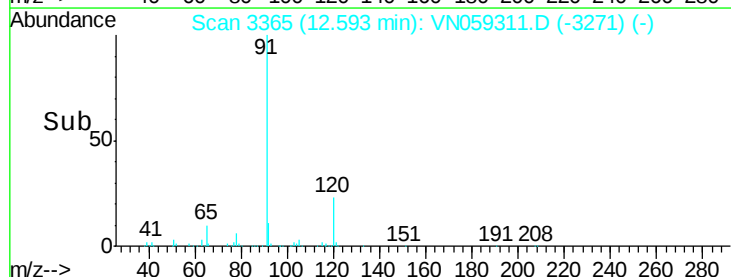
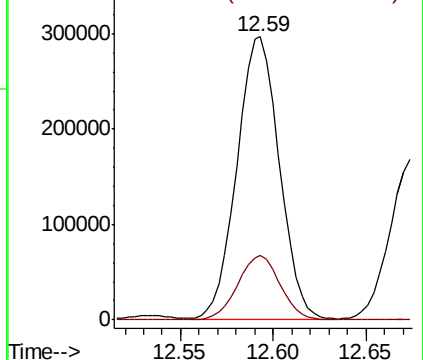
91 100

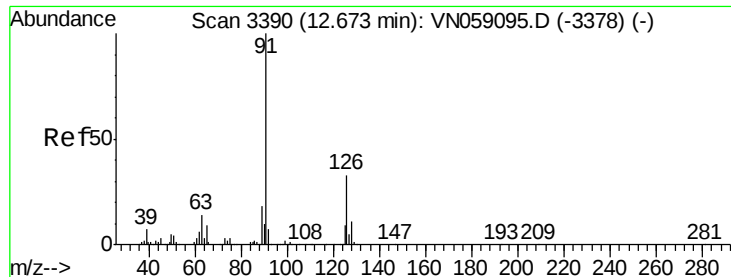
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.592 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

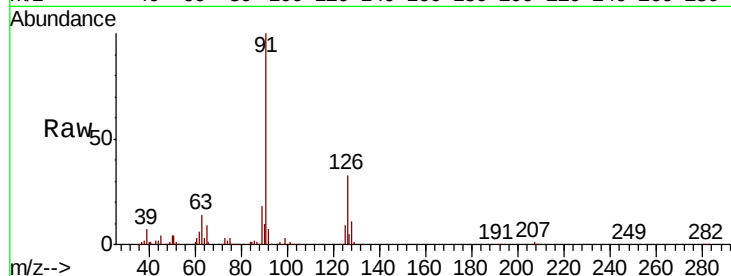
ClientSampleId :

Tot Ion: 91 Resp: 277956

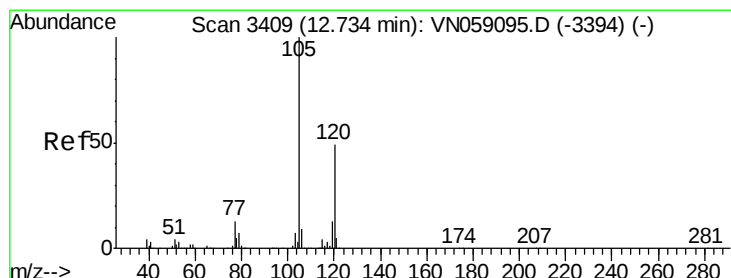
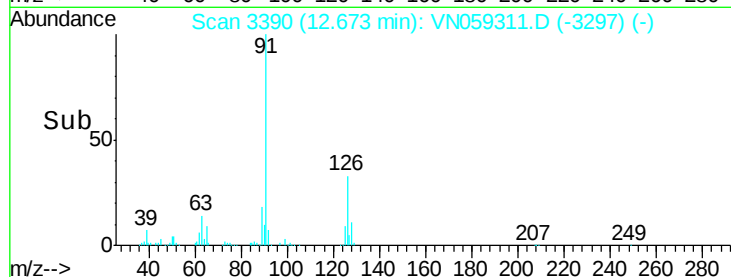
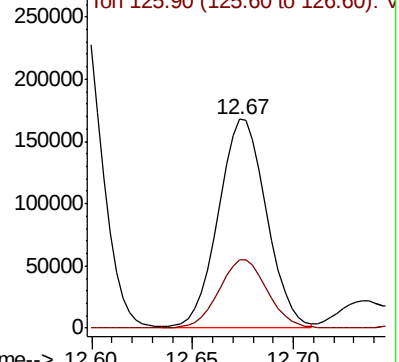
Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.254 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059311.D

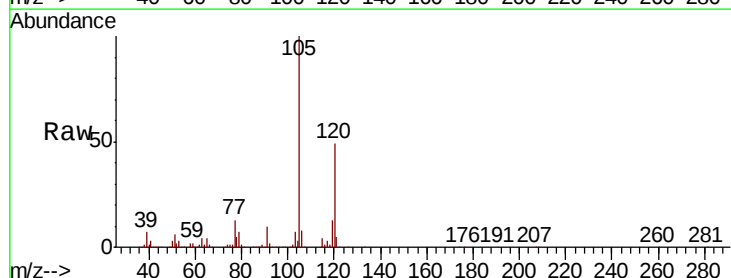
Acq: 19 Nov 2019 17:36

Tgt Ion: 105 Resp: 341743

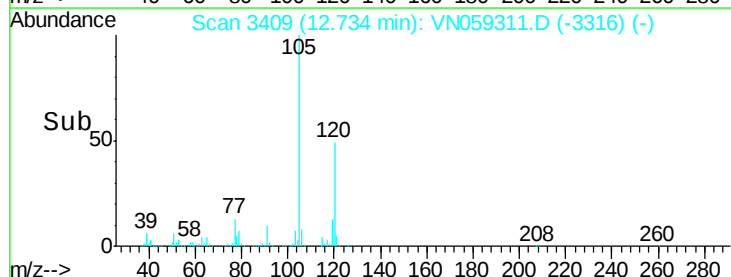
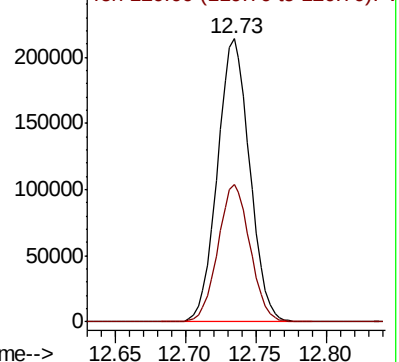
Ion Ratio Lower Upper

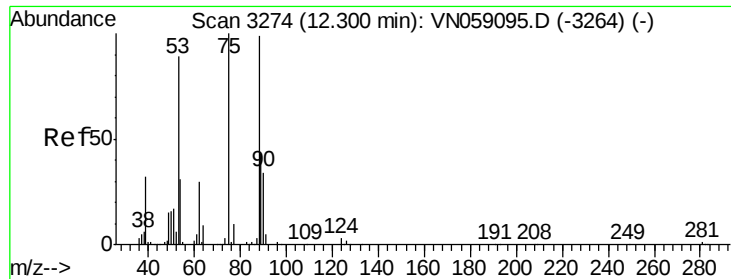
105 100

120 48.7 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.310 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

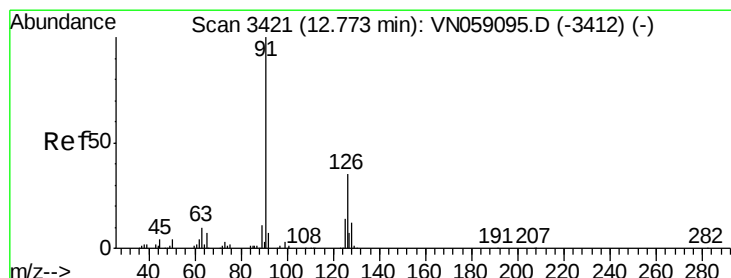
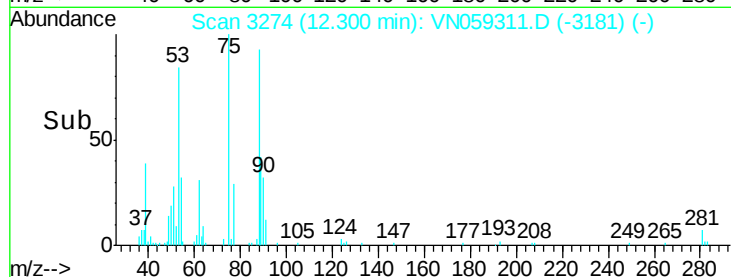
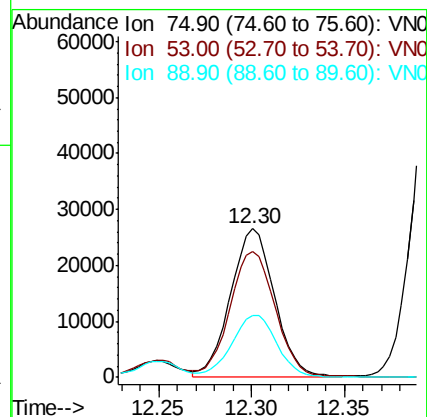
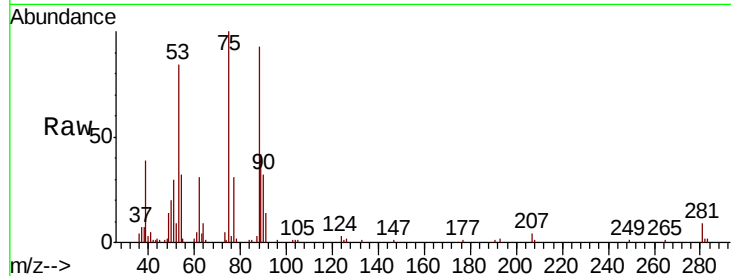
Tot Ion: 75 Resp: 43617

Ion Ratio Lower Upper

75 100

53 86.2 72.2 108.2

89 42.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.618 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059311.D

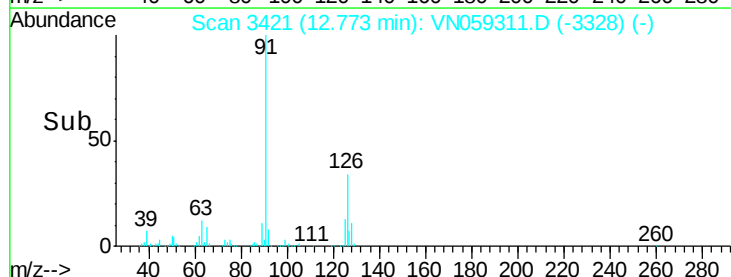
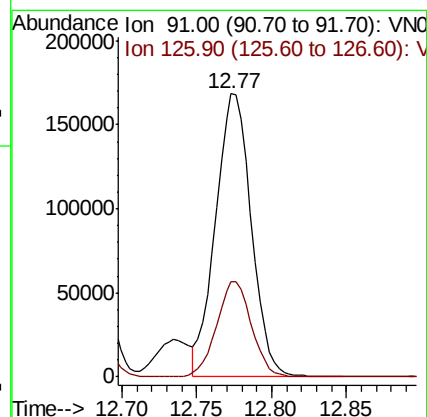
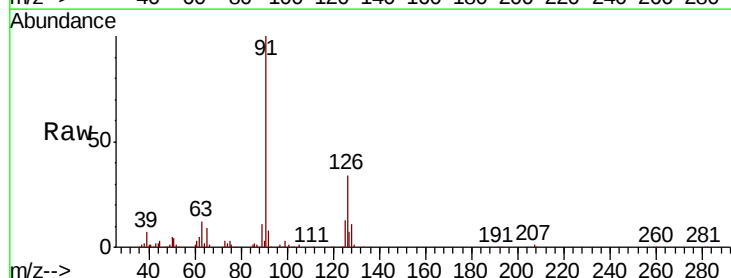
Acq: 19 Nov 2019 17:36

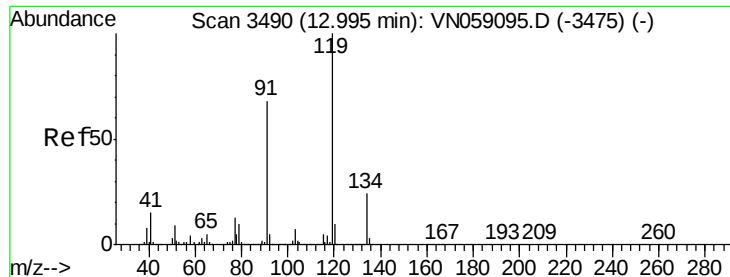
Tgt Ion: 91 Resp: 279117

Ion Ratio Lower Upper

91 100

126 33.1 16.1 48.2

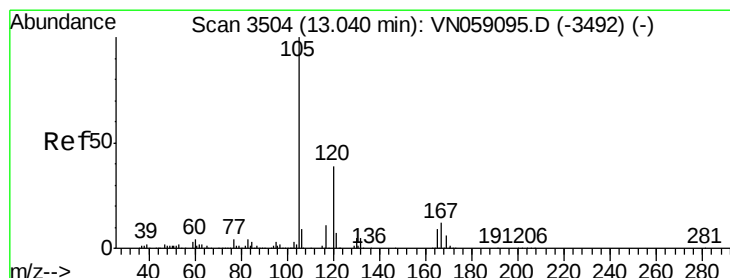
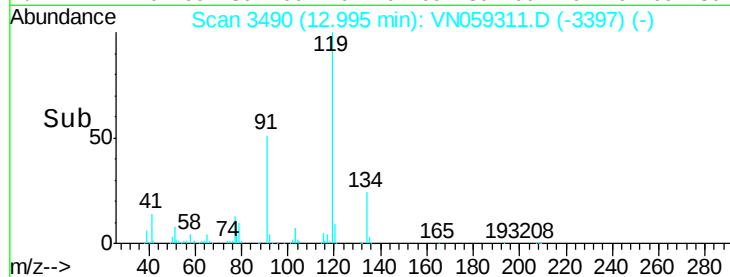
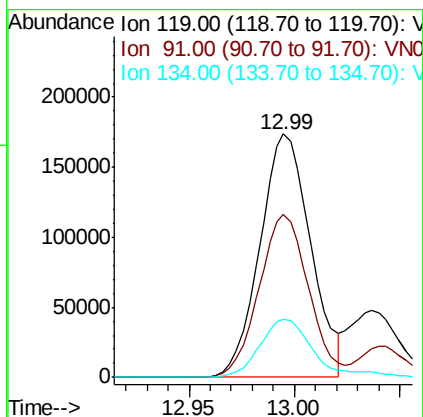
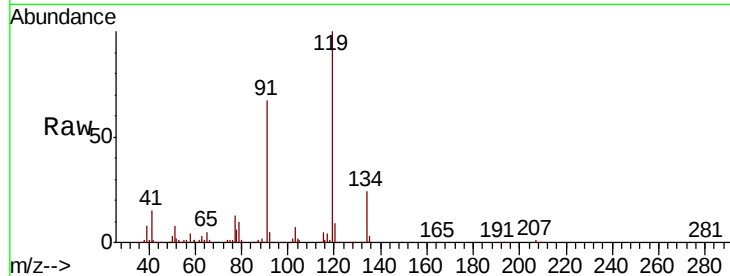




#83
 tert-Butylbenzene
 Concen: 21.904 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

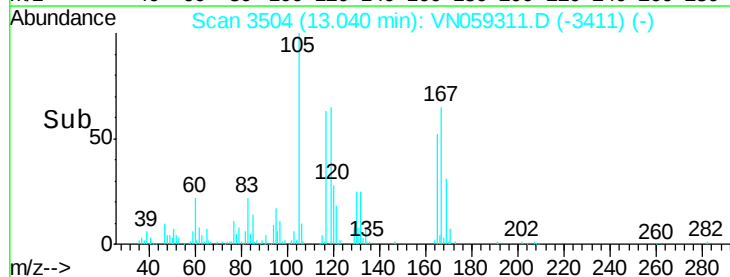
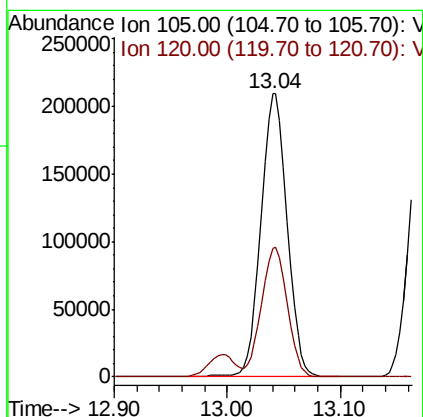
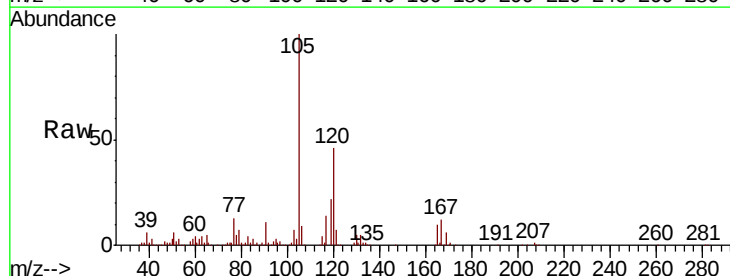
Instrument :
 MSVOA_N
 ClientSampled :

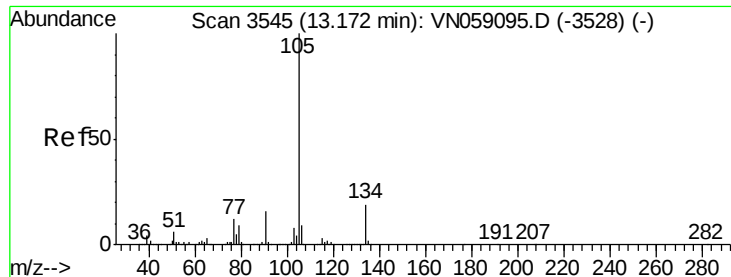
Tot Ion:119 Resp: 290483
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.2 99.6
 134 25.5 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.699 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion:105 Resp: 337247
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 22.496 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

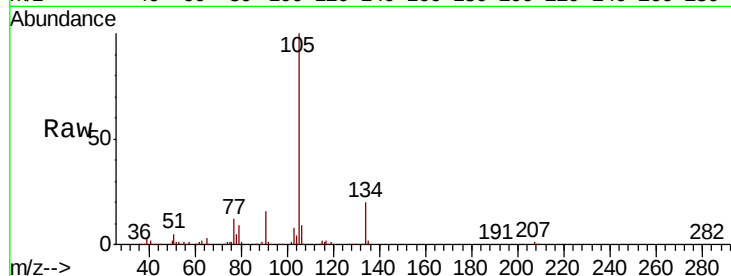
ClientSampled :

Tot Ion:105 Resp: 388004

Ion Ratio Lower Upper

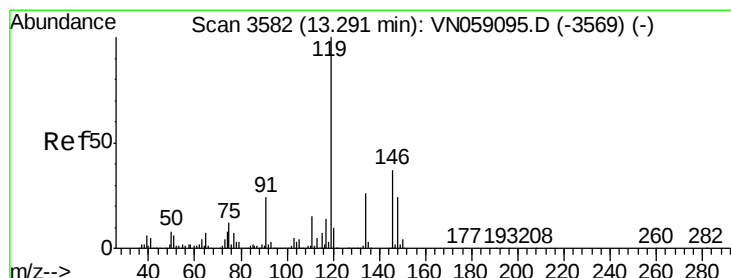
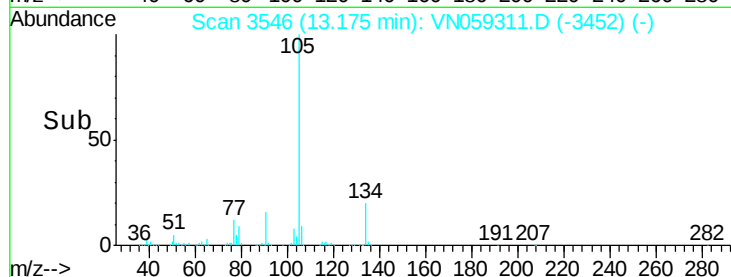
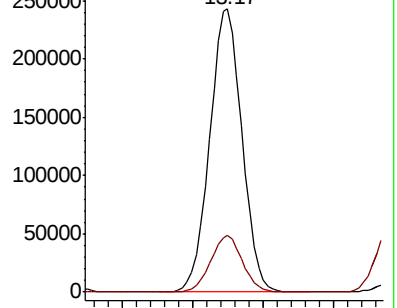
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.909 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

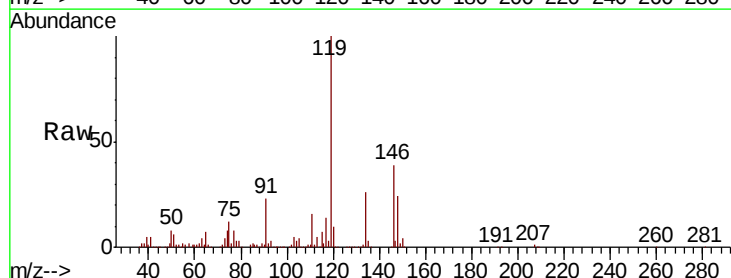
Tgt Ion:119 Resp: 348878

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

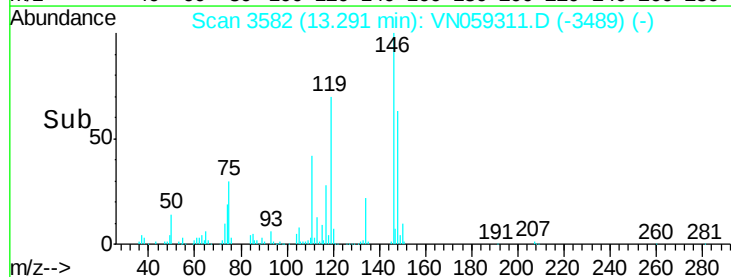
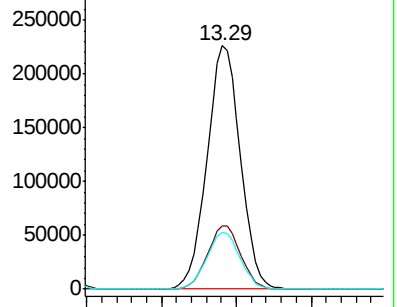
91 23.3 11.7 35.1

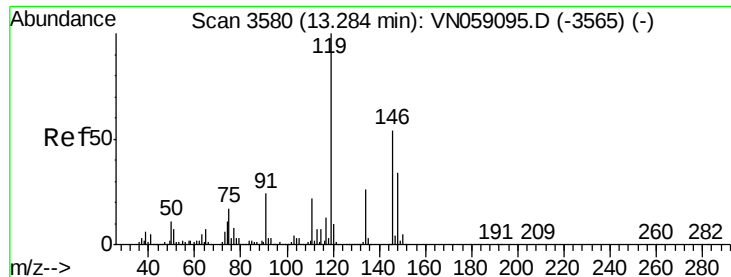


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.693 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059311.D

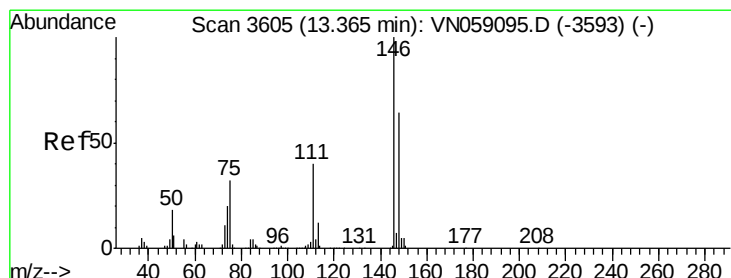
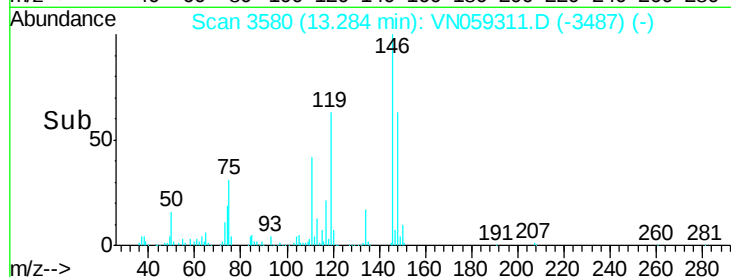
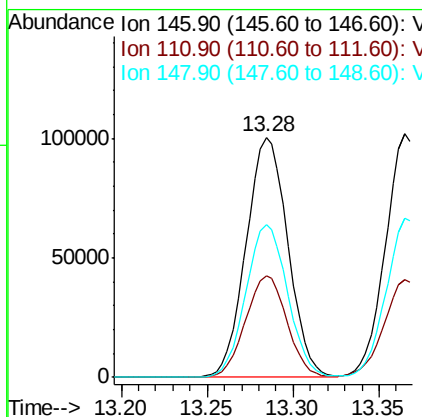
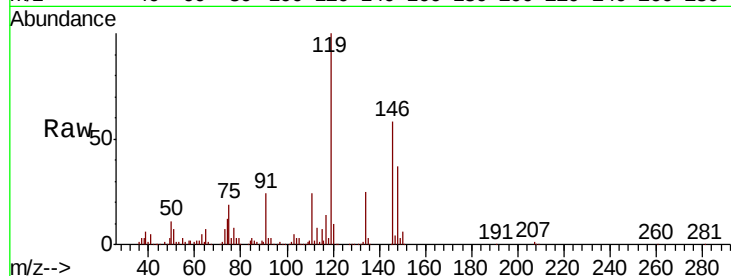
Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	169146
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.3
148	63.6	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 21.233 ug/l

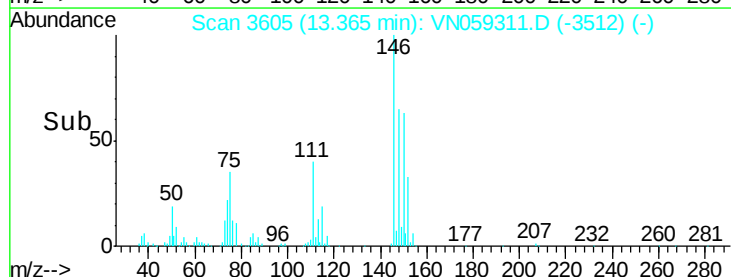
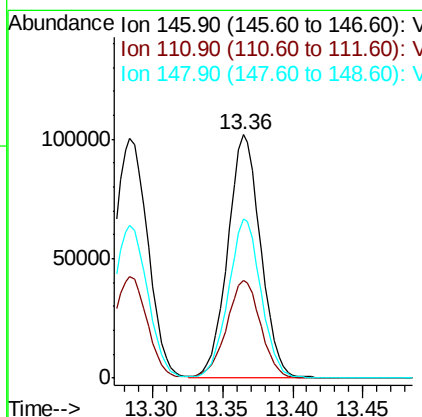
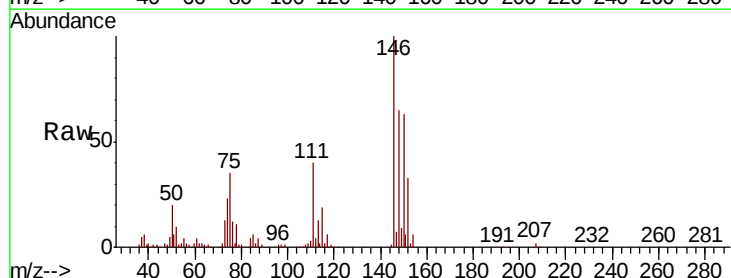
RT: 13.36 min Scan# 3605

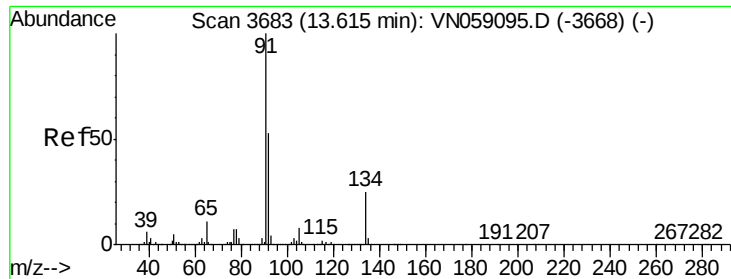
Delta R.T. -0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Tgt Ion:	146	Resp:	165644
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.9
148	65.3	31.9	95.7





#89

n-Butylbenzene

Concen: 22.593 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

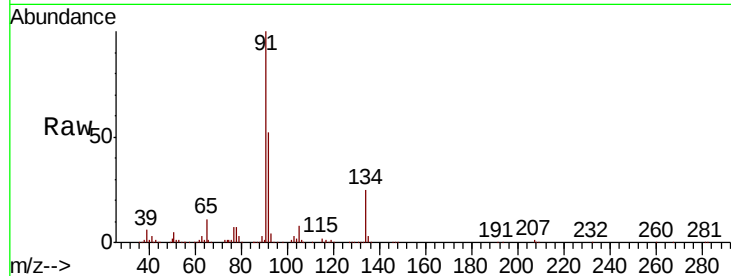
Tot Ion: 91 Resp: 301141

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.3

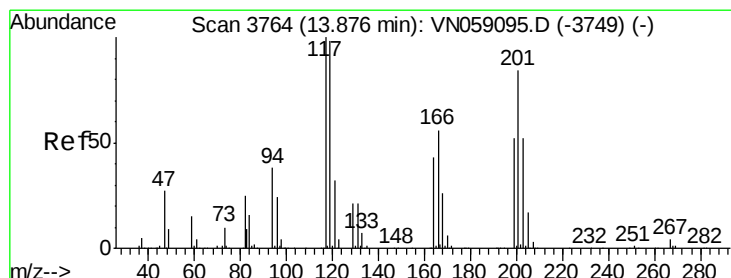
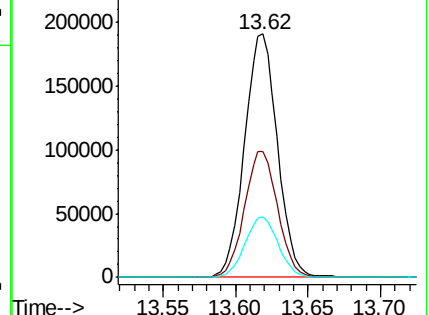
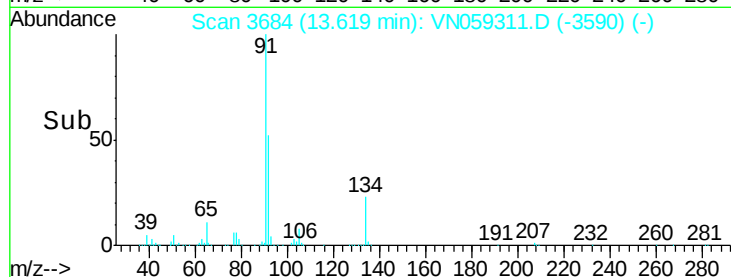
134 25.2 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN059311.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN059311.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN059311.D (-3683) (-)



#90

Hexachloroethane

Concen: 20.674 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059311.D

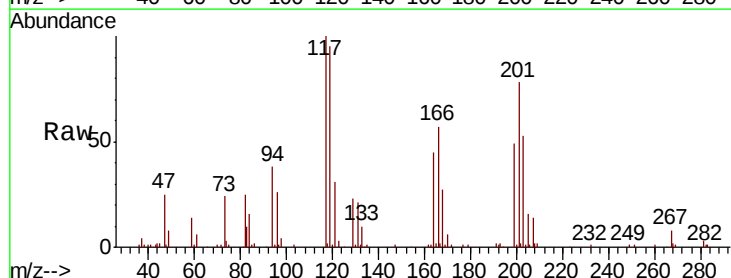
Acq: 19 Nov 2019 17:36

Tgt Ion: 117 Resp: 63221

Ion Ratio Lower Upper

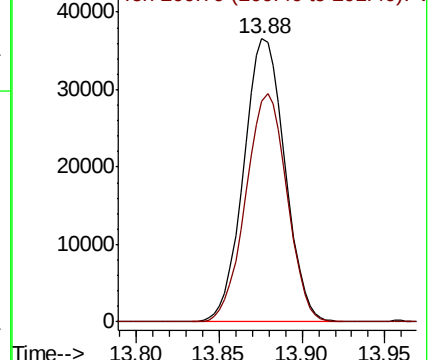
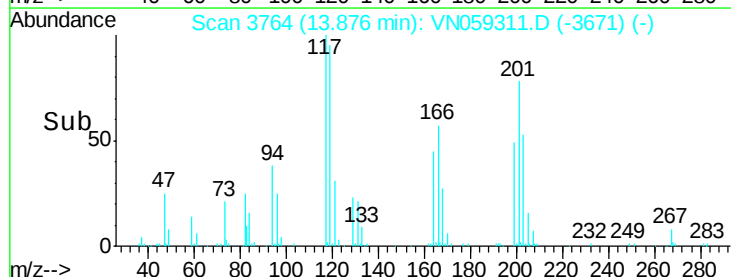
117 100

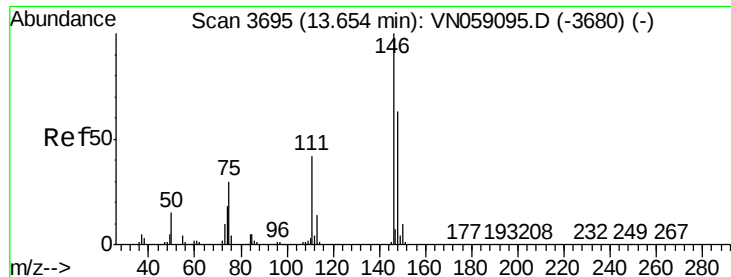
201 80.6 41.8 125.3



Abundance Ion 116.80 (116.50 to 117.50): VN059311.D (-3764) (-)

Ion 200.70 (200.40 to 201.40): VN059311.D (-3764) (-)

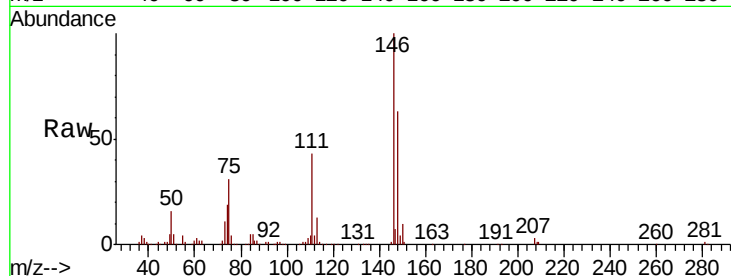




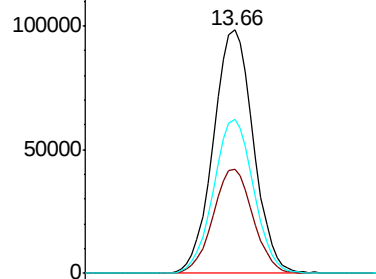
#91
 1,2-Dichlorobenzene
 Concen: 21.496 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Instrument :
 MSVOA_N
 ClientSampled :

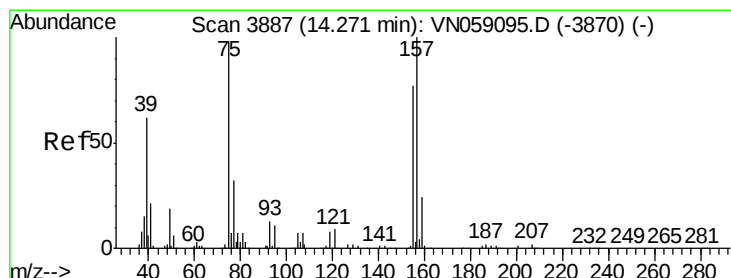
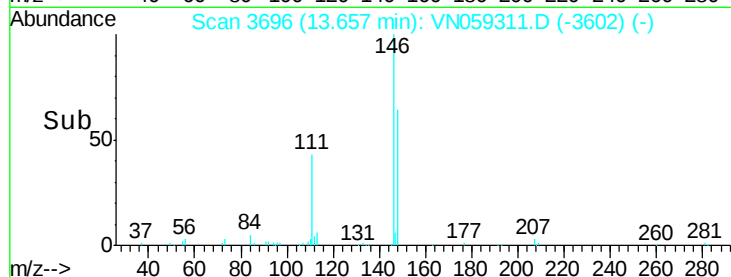
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.7	31.6	94.7



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

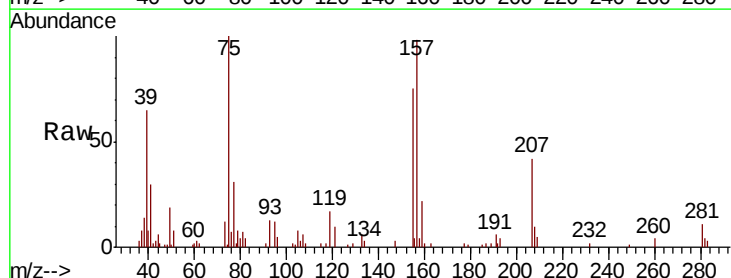


Time-->

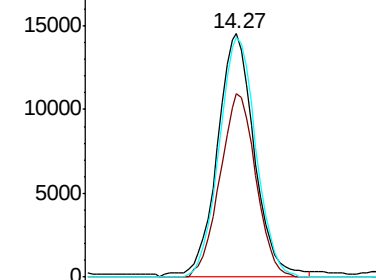


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.394 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

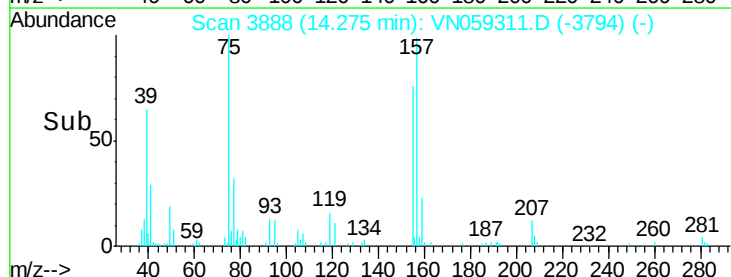
Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.6	40.2	120.6
157	97.3	51.8	155.5

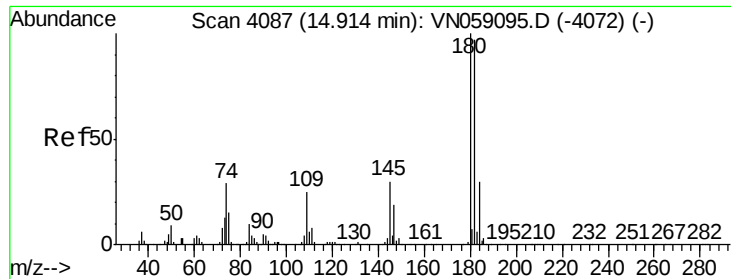


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time-->

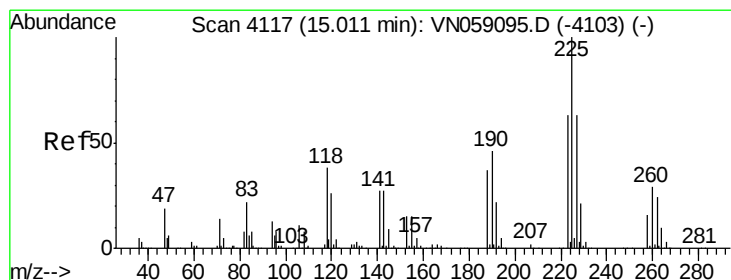
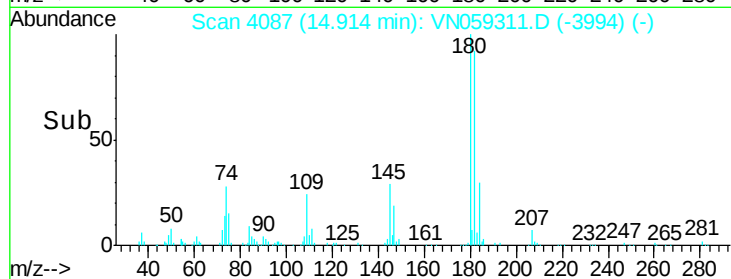
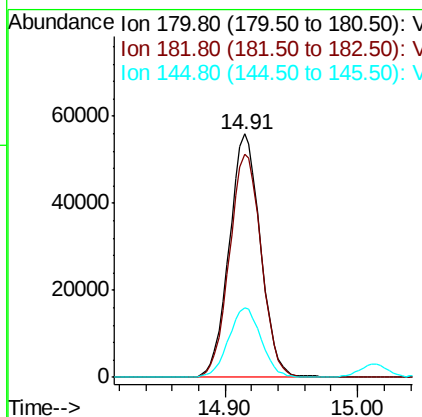
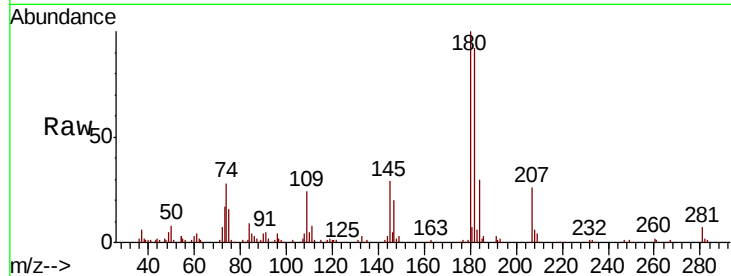




#93
 1,2,4-Trichlorobenzene
 Concen: 21.546 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

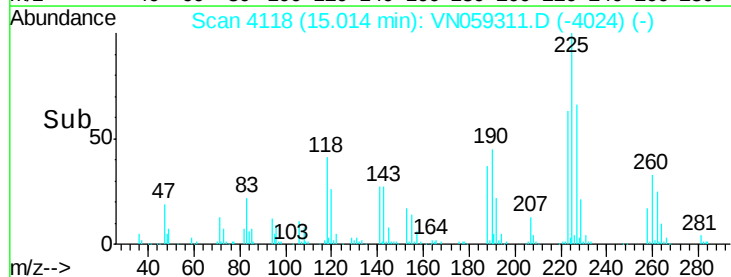
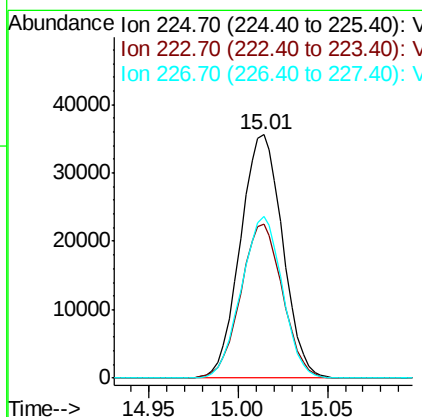
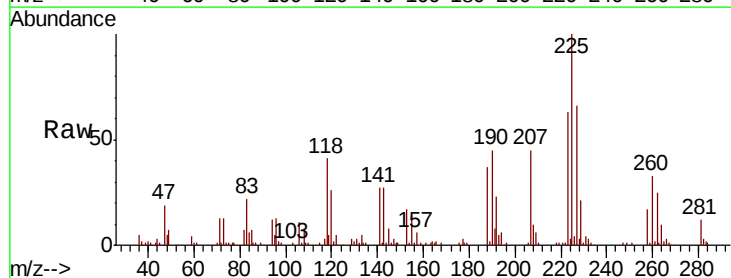
Instrument :
 MSVOA_N
 ClientSampled :

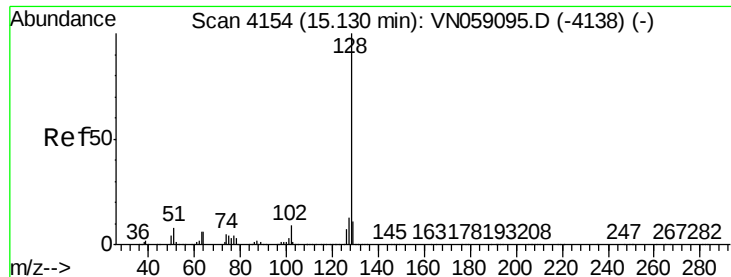
Tot Ion:180 Resp: 91675
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.1 144.3
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 22.285 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059311.D
 Acq: 19 Nov 2019 17:36

Tgt Ion:225 Resp: 58937
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.9
 227 64.4 31.5 94.5





#95

Naphthalene

Concen: 20.303 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

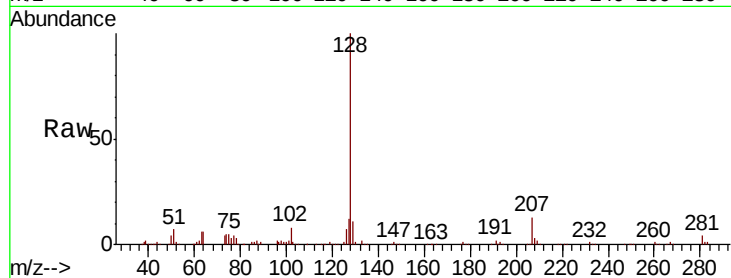
Tot Ion:128 Resp: 237265

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

150000

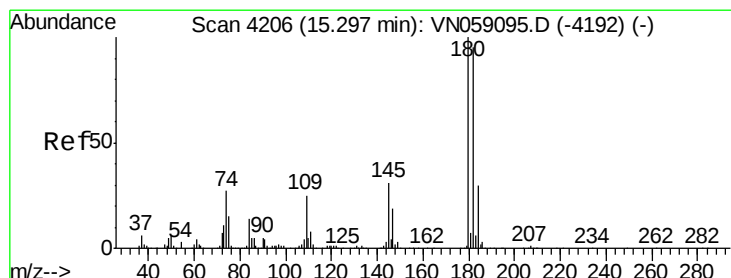
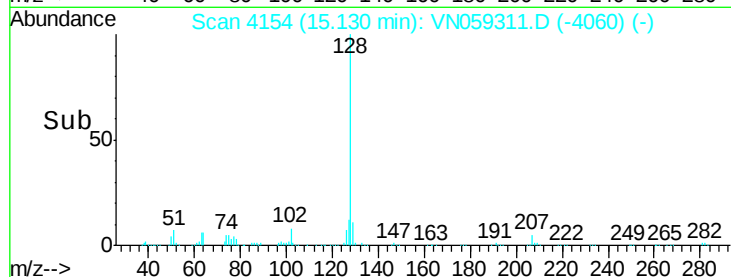
100000

50000

0

15.10 15.20

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.848 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059311.D

Acq: 19 Nov 2019 17:36

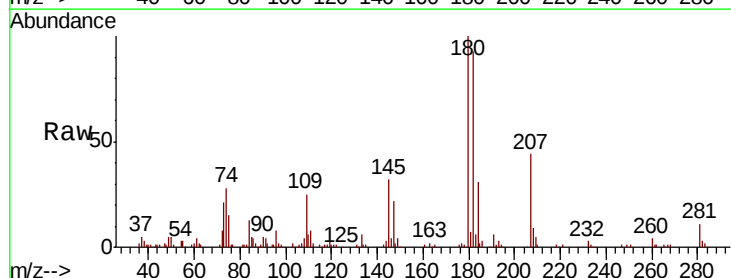
Tgt Ion:180 Resp: 89615

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.30

60000

40000

20000

0

15.20 15.30 15.40

Time-->

