

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053769.D
 Acq On : 14 Feb 2019 10:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 00:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	743356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375800	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	362145	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.09	98	1354220	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.40	95	452220	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	350307	41.856	ug/l 99
3) Chloromethane	2.06	50	375326	42.529	ug/l 100
4) Vinyl Chloride	2.19	62	406339	47.431	ug/l 100
5) Bromomethane	2.57	94	284460	50.783	ug/l 97
6) Chloroethane	2.71	64	260298	53.170	ug/l 97
7) Trichlorofluoromethane	3.02	101	577780	49.734	ug/l 100
8) Diethyl Ether	3.41	74	205152	48.354	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	367122	51.097	ug/l 98
10) Methyl Iodide	3.96	142	522591	46.341	ug/l 99
11) Tert butyl alcohol	4.78	59	108046	244.813	ug/l 100
12) 1,1-Dichloroethene	3.74	96	328604	47.737	ug/l 97
13) Acrolein	3.61	56	55225	229.825	ug/l 100
14) Allyl chloride	4.33	41	514030	46.899	ug/l 99
15) Acrylonitrile	4.99	53	619839	260.154	ug/l 99
16) Acetone	3.81	43	609201	318.484	ug/l 99
17) Carbon Disulfide	4.06	76	919146	42.882	ug/l 99
18) Methyl Acetate	4.32	43	308961	54.540	ug/l 97
19) Methyl tert-butyl Ether	5.04	73	888010	50.888	ug/l 99
20) Methylene Chloride	4.55	84	384304	47.888	ug/l 96
21) trans-1,2-Dichloroethene	5.04	96	355257	47.836	ug/l 97
22) Diisopropyl ether	5.95	45	1021102	50.280	ug/l 97
23) Vinyl Acetate	5.90	43	3422899	243.639	ug/l 98
24) 1,1-Dichloroethane	5.85	63	647685	47.815	ug/l 100
25) 2-Butanone	6.83	43	689974	252.914	ug/l 99
26) 2,2-Dichloropropane	6.83	77	468737	45.332	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	376877	45.638	ug/l 97
28) Bromochloromethane	7.19	49	279508	47.550	ug/l 95
29) Tetrahydrofuran	7.21	42	409366	233.684	ug/l 97
30) Chloroform	7.37	83	612241	45.596	ug/l 99
31) Cyclohexane	7.66	56	532180	42.171	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	515101	46.096	ug/l 100
36) 1,1-Dichloropropene	7.79	75	463099	48.871	ug/l 99
37) Ethyl Acetate	6.93	43	273141	51.611	ug/l 98
38) Carbon Tetrachloride	7.77	117	464892	48.700	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053769.D
 Acq On : 14 Feb 2019 10:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 00:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	542086	48.219	ug/l	99
40) Benzene	8.04	78	1399203	47.883	ug/l	99
41) Methacrylonitrile	7.17	41	148063	50.057	ug/l	91
42) 1,2-Dichloroethane	8.12	62	418366	48.219	ug/l	99
43) Isopropyl Acetate	8.16	43	477493	46.718	ug/l #	88
44) Trichloroethene	8.83	130	405808	48.780	ug/l	98
45) 1,2-Dichloropropane	9.12	63	368969	49.367	ug/l	99
46) Dibromomethane	9.21	93	219286	48.671	ug/l	97
47) Bromodichloromethane	9.40	83	473048	50.498	ug/l	99
48) Methyl methacrylate	9.20	41	229986	47.140	ug/l	92
49) 1,4-Dioxane	9.20	88	70333	995.107	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1277124	254.283	ug/l	99
52) Toluene	10.16	92	859811	49.578	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	464616	49.531	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	551016	49.571	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	318322	50.937	ug/l	99
56) Ethyl methacrylate	10.43	69	369823	50.024	ug/l	99
57) 1,3-Dichloropropane	10.71	76	529571	49.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	870671	191.825	ug/l	98
59) 2-Hexanone	10.75	43	861097	252.551	ug/l	99
60) Dibromochloromethane	10.90	129	368109	52.235	ug/l	100
61) 1,2-Dibromoethane	11.01	107	303640	49.090	ug/l	100
64) Tetrachloroethene	10.63	164	398145	49.887	ug/l	98
65) Chlorobenzene	11.43	112	950774	48.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	357125	51.708	ug/l	99
67) Ethyl Benzene	11.51	91	1597641	49.180	ug/l	99
68) m/p-Xylenes	11.62	106	1264982	102.026	ug/l	98
69) o-Xylene	11.95	106	605081	50.515	ug/l	100
70) Styrene	11.96	104	987341	50.856	ug/l	100
71) Bromoform	12.13	173	258928	54.684	ug/l #	100
73) Isopropylbenzene	12.25	105	1595784	49.183	ug/l	100
74) N-amyl acetate	12.07	43	374893	48.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	368691	47.481	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	453804	76.550	ug/l #	100
77) Bromobenzene	12.53	156	420490	48.087	ug/l	97
78) n-propylbenzene	12.59	91	1860878	49.613	ug/l	100
79) 2-Chlorotoluene	12.68	91	1092876	49.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1400460	52.051	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	98807	46.867	ug/l	98
82) 4-Chlorotoluene	12.77	91	1113742	48.775	ug/l	100
83) tert-Butylbenzene	12.99	119	1209786	50.875	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1412539	51.531	ug/l	99
85) sec-Butylbenzene	13.17	105	1656629	51.195	ug/l	99
86) p-Isopropyltoluene	13.29	119	1479191	52.266	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	762509	48.508	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	746035	47.979	ug/l	100
89) n-Butylbenzene	13.62	91	1258241	51.364	ug/l	100
90) Hexachloroethane	13.88	117	247899	53.104	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	744498	49.472	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53788	48.604	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
Data File : VN053769.D
Acq On : 14 Feb 2019 10:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 00:56:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

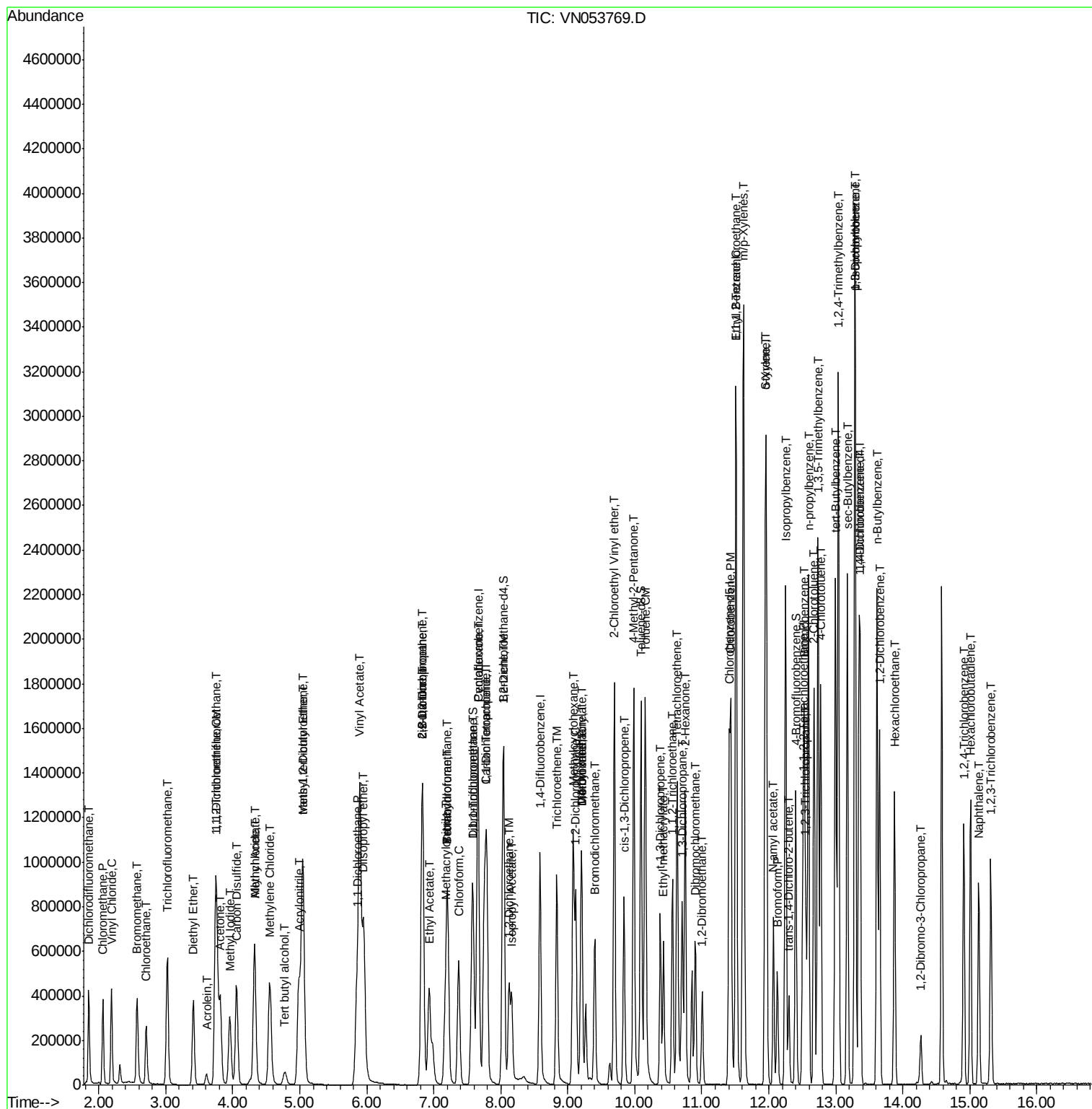
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	424885	49.228	ug/l	99
94) Hexachlorobutadiene	15.01	225	287095	53.413	ug/l	99
95) Naphthalene	15.13	128	811765	40.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	393490	49.135	ug/l	100

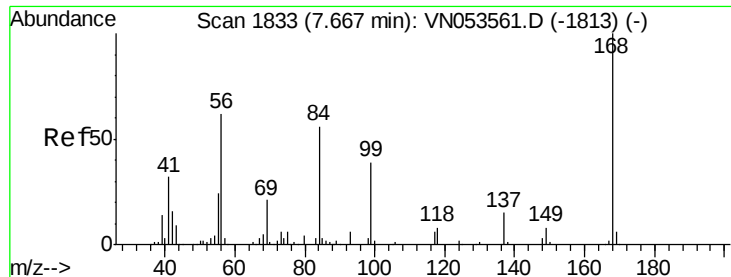
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
Data File : VN053769.D
Acq On : 14 Feb 2019 10:16
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 00:56:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

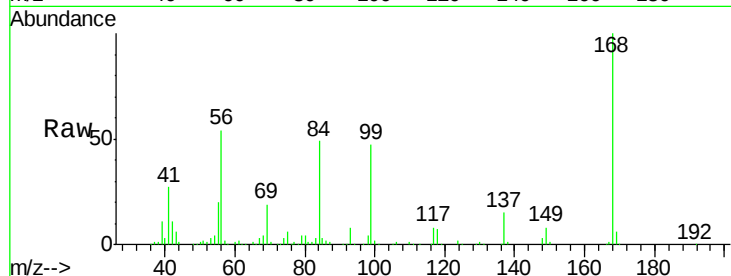
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 743356

Ion Ratio Lower Upper

168 100

99 46.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

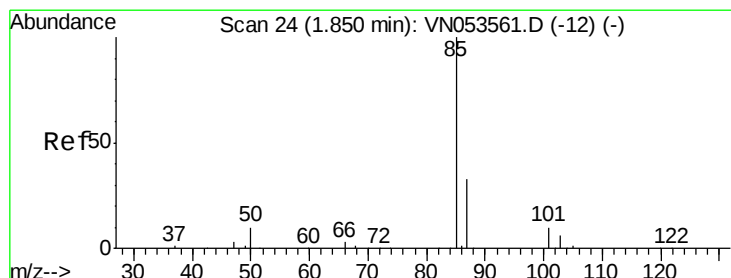
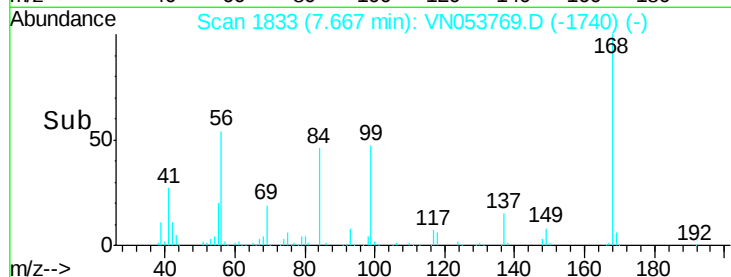
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.856 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053769.D

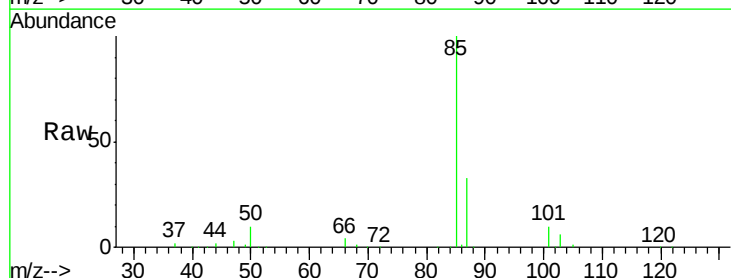
Acq: 14 Feb 2019 10:16

Tgt Ion: 85 Resp: 350307

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

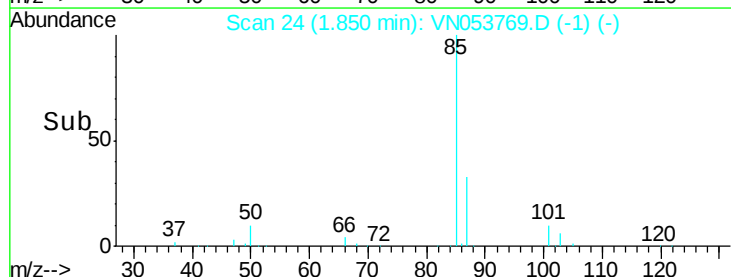
150000

100000

50000

0

Time-->

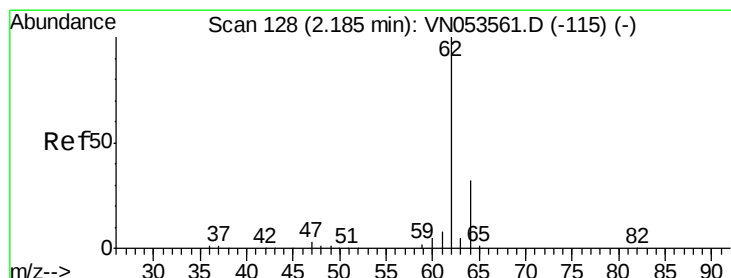
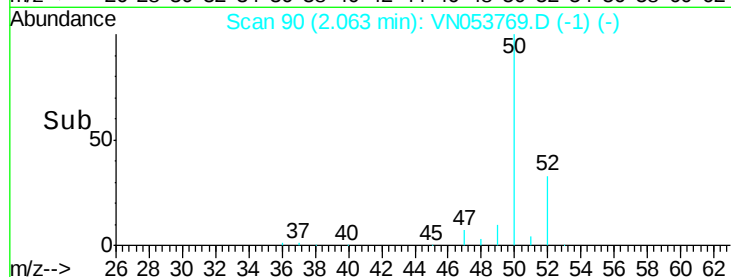
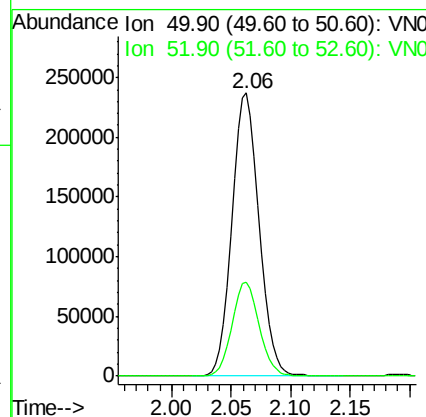
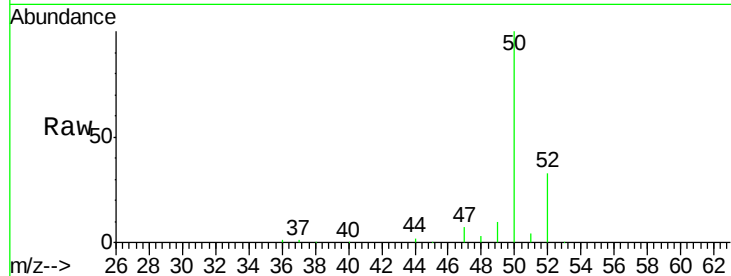




#3
Chloromethane
Concen: 42.529 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.01 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

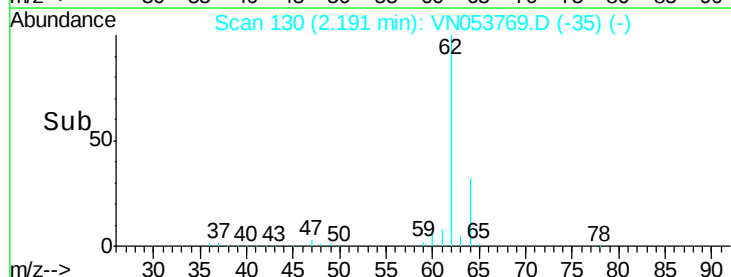
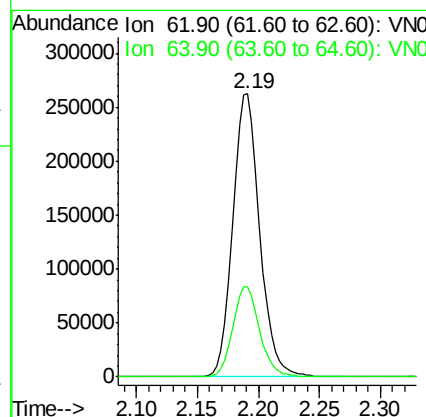
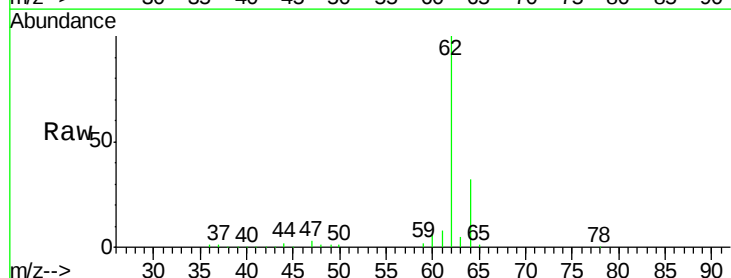
Instrument :
MSVOA_N
ClientSampleId :

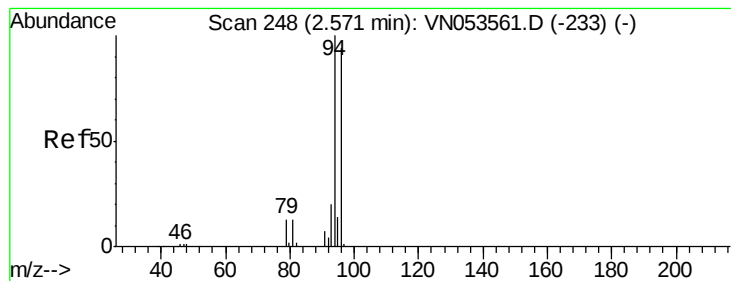
Tot Ion: 50 Resp: 375326
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 47.431 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.01 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 62 Resp: 406339
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 50.783 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

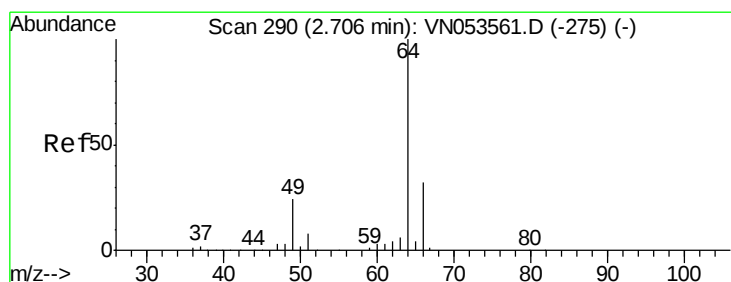
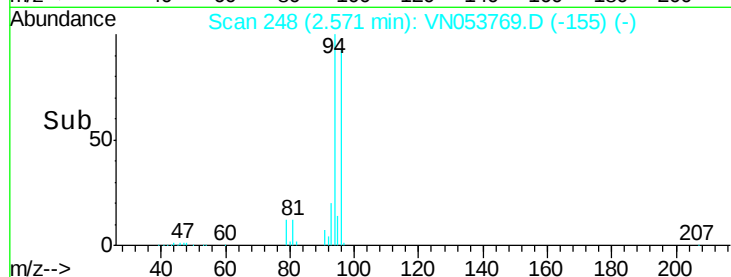
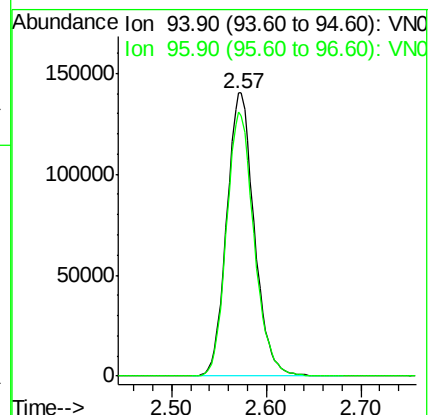
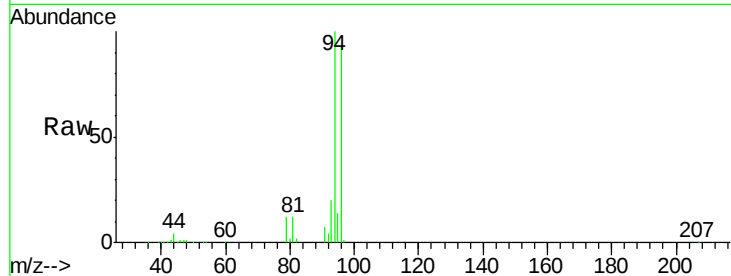
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 284460

Ion Ratio Lower Upper

94 100

96 93.3 76.8 115.2



#6

Chloroethane

Concen: 53.170 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053769.D

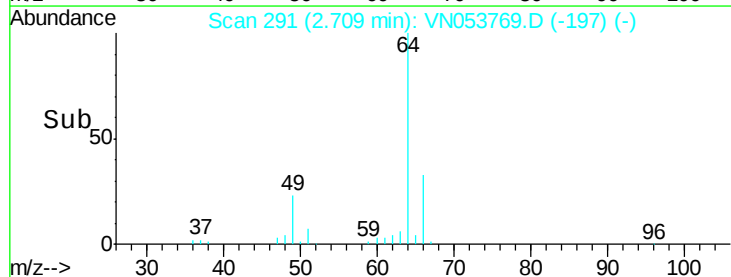
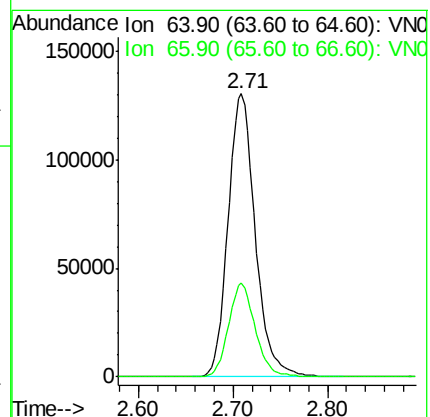
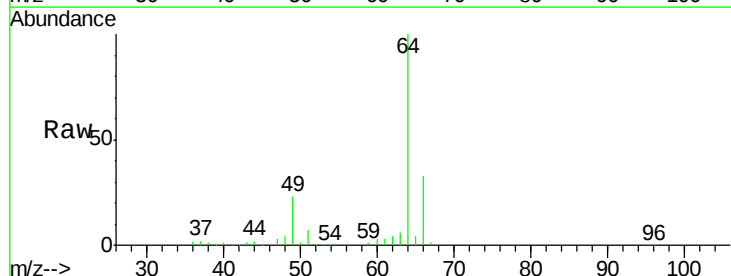
Acq: 14 Feb 2019 10:16

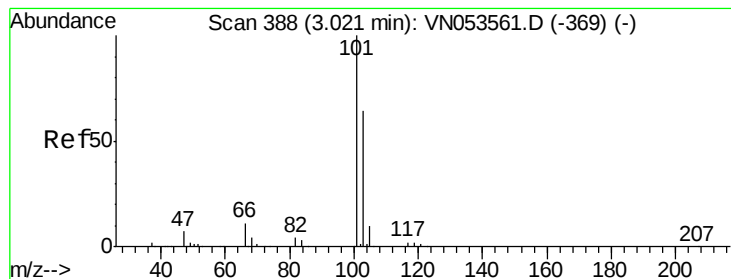
Tgt Ion: 64 Resp: 260298

Ion Ratio Lower Upper

64 100

66 33.3 25.1 37.7



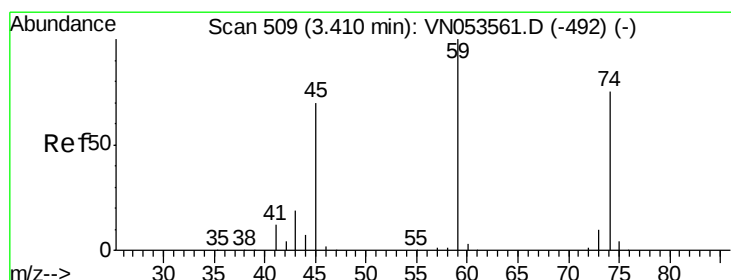
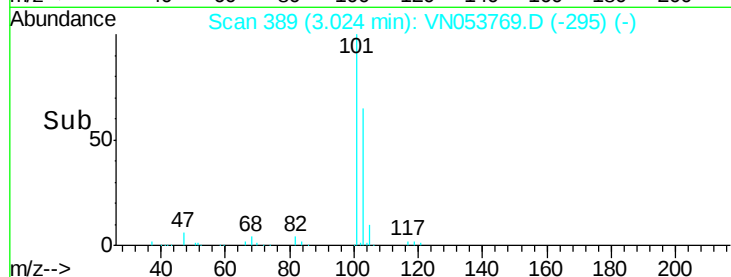
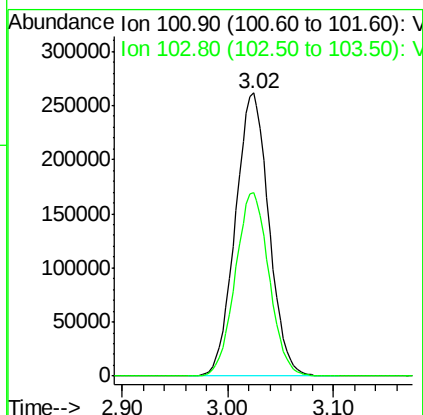
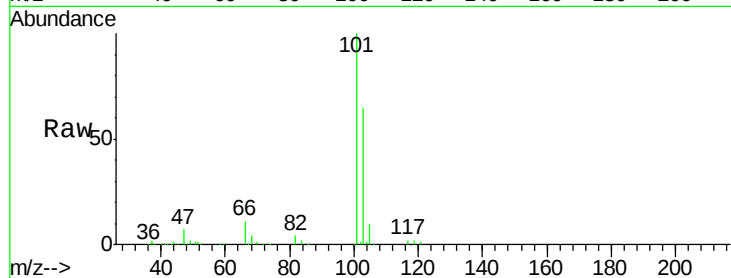


#7

Trichlorofluoromethane
Concen: 49.734 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampled :

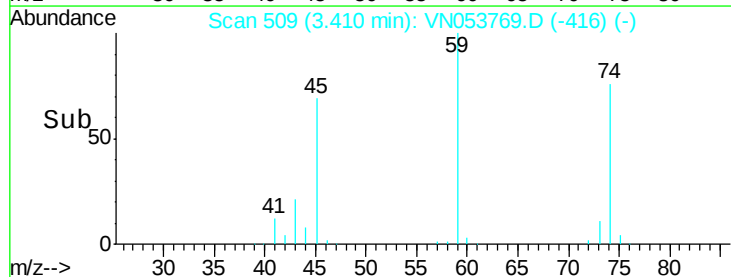
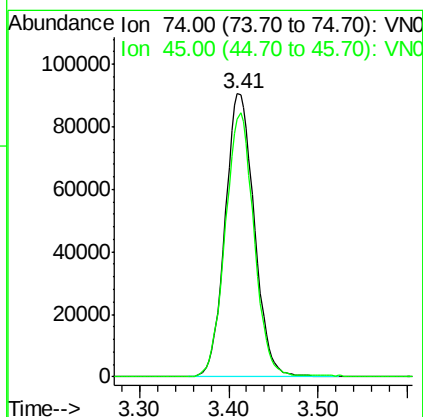
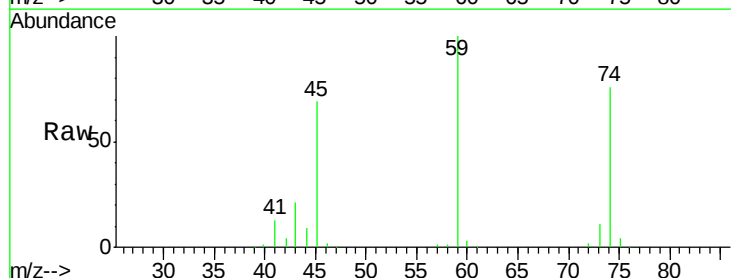
Tot Ion:101 Resp: 577780
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

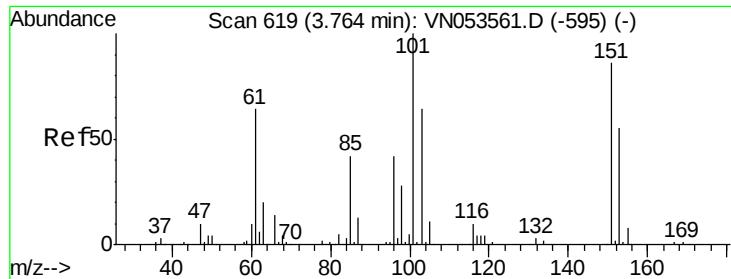


#8

Diethyl Ether
Concen: 48.354 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 74 Resp: 205152
Ion Ratio Lower Upper
74 100
45 91.9 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.097 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

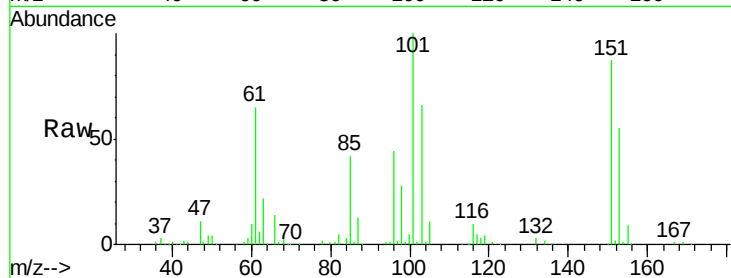
Tot Ion:101 Resp: 367122

Ion Ratio Lower Upper

101 100

85 41.4 32.8 49.2

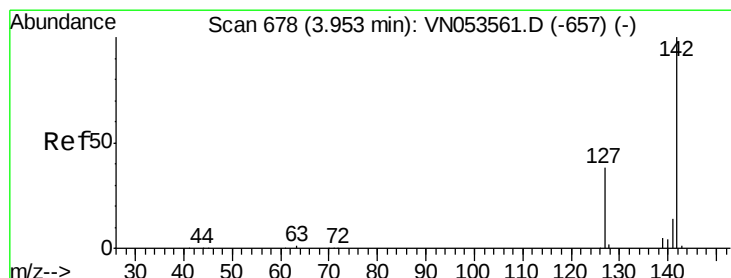
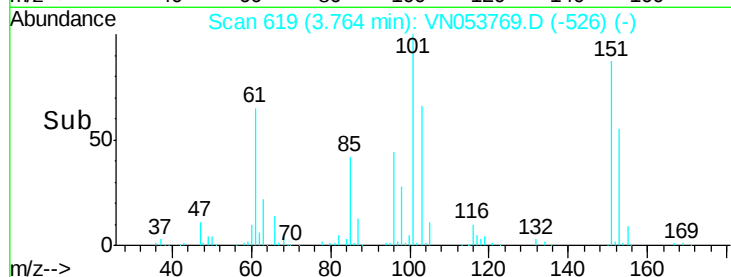
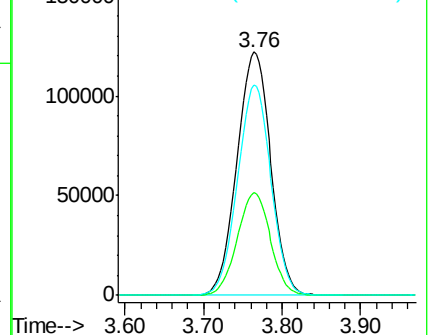
151 85.7 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.341 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

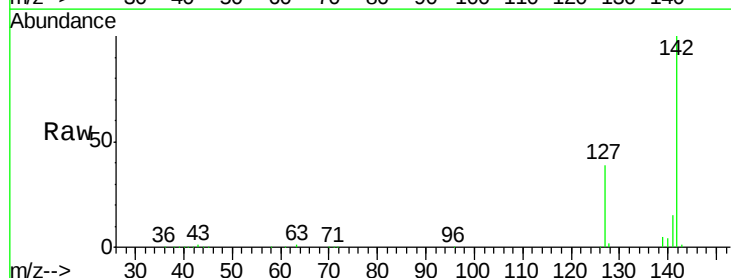
Tgt Ion:142 Resp: 522591

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

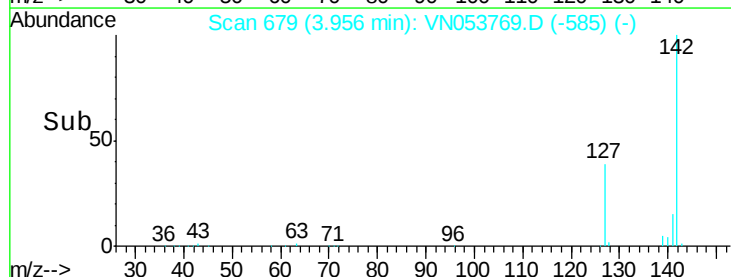
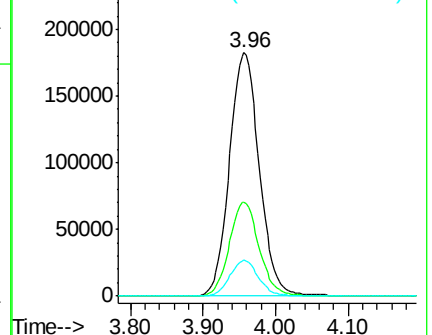
141 14.3 11.1 16.7

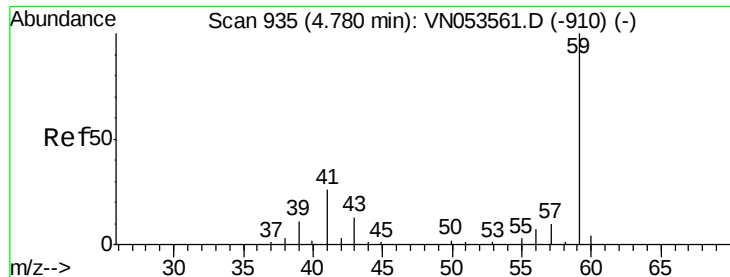


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

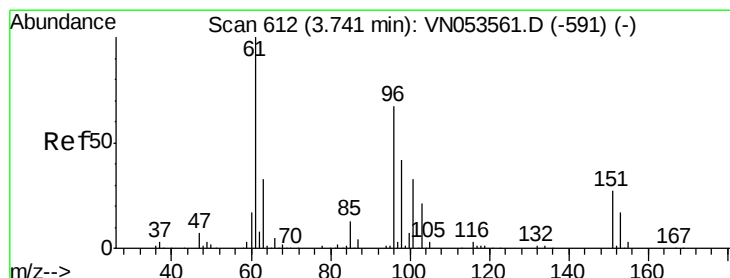
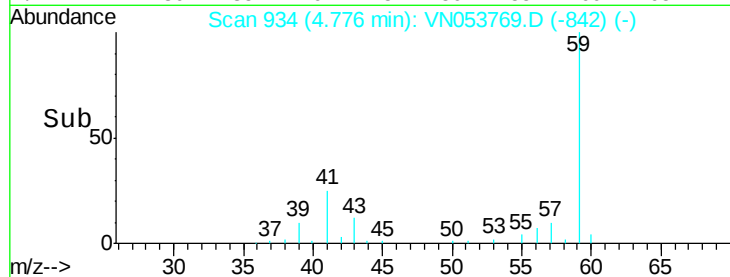
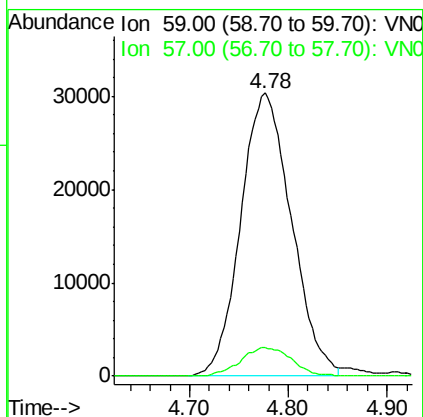
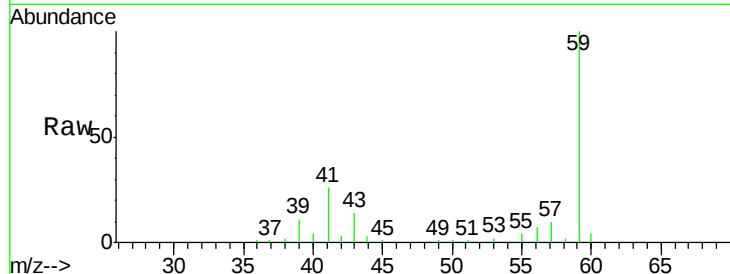




#11
Tert butyl alcohol
Concen: 244.813 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

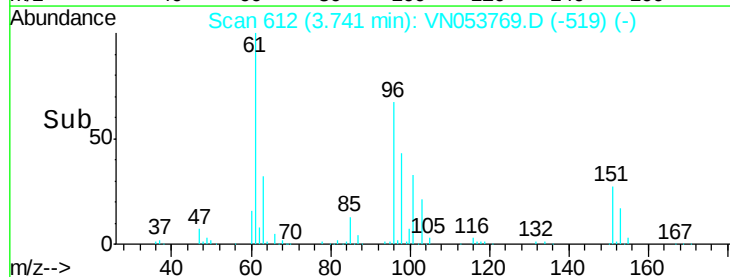
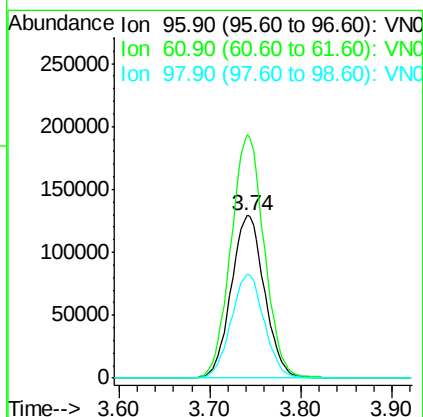
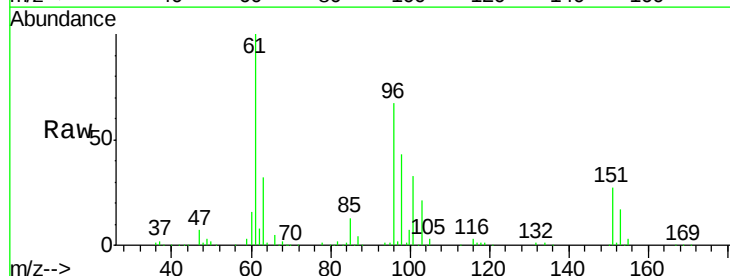
Instrument :
MSVOA_N
ClientSampleId :

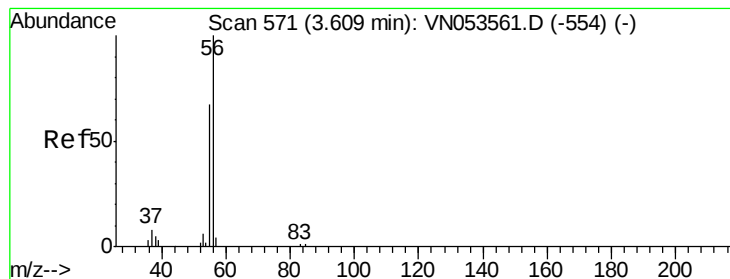
Tot Ion: 59 Resp: 108046
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.737 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 96 Resp: 328604
Ion Ratio Lower Upper
96 100
61 149.7 122.9 184.3
98 63.9 49.4 74.0





#13

Acrolein

Concen: 229.825 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

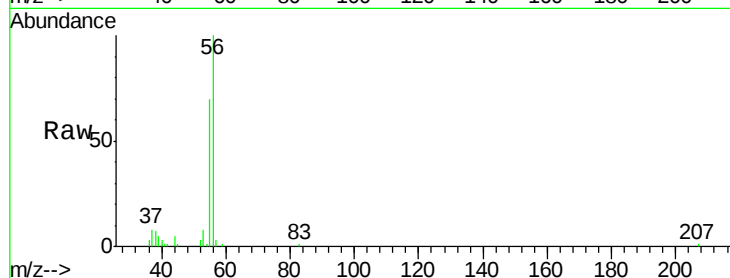
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 55225

Ion Ratio Lower Upper

56 100

55 71.8 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN053769.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN053769.D (-554) (-)

3.61

25000

20000

15000

10000

5000

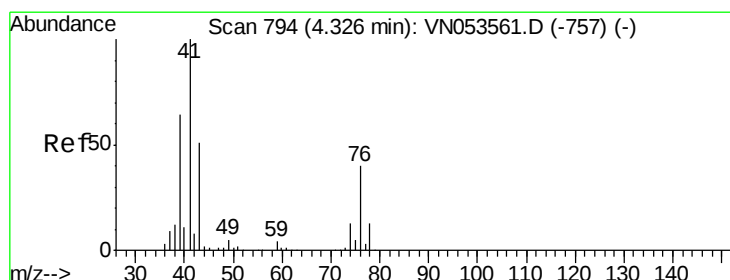
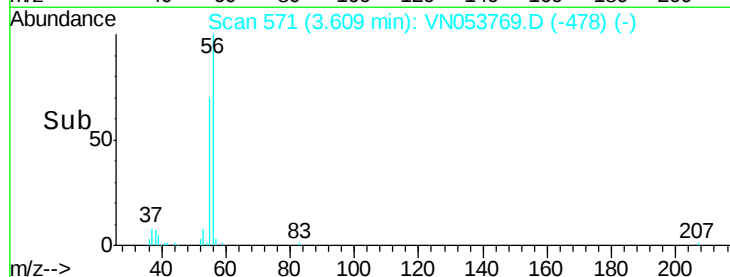
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 46.899 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

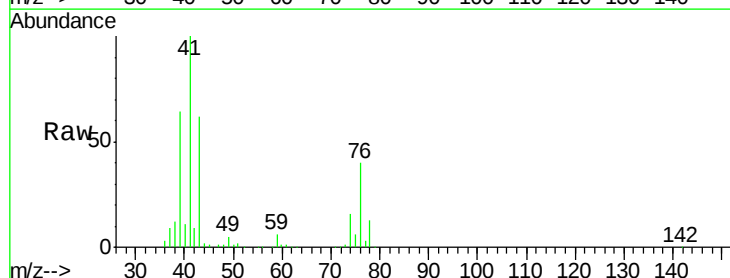
Tgt Ion: 41 Resp: 514030

Ion Ratio Lower Upper

41 100

39 61.5 48.9 73.3

76 38.3 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN053769.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN053769.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN053769.D (-757) (-)

4.33

200000

150000

100000

50000

0

Time-->

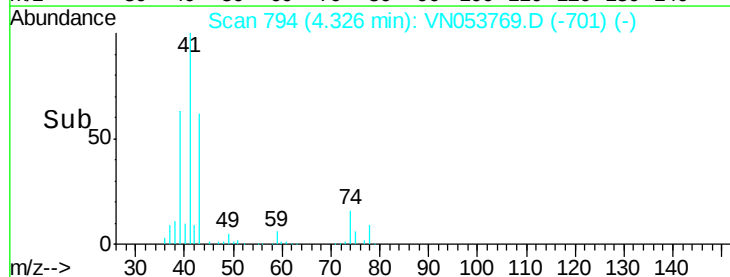
4.10

4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 260.154 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :

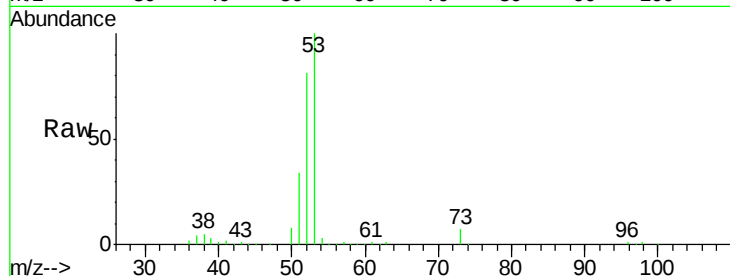
Tot Ion: 53 Resp: 619839

Ion Ratio Lower Upper

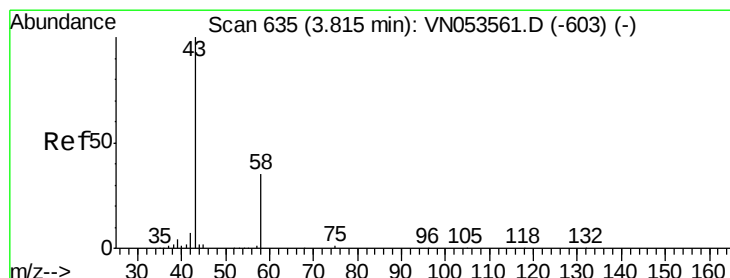
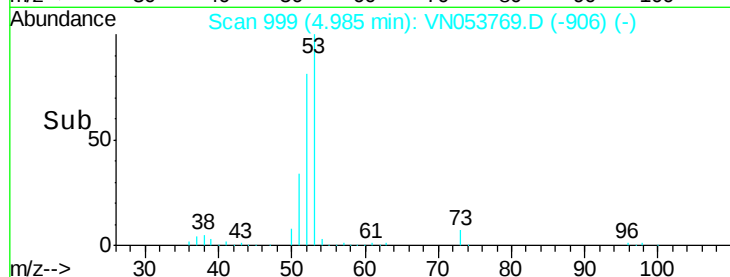
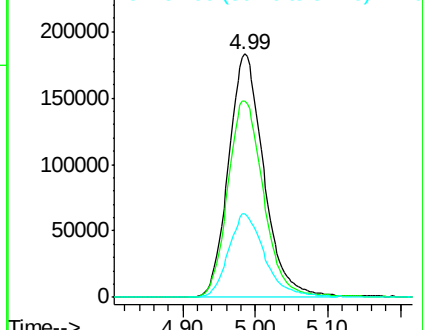
53 100

52 81.2 66.0 99.0

51 35.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 318.484 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN053769.D

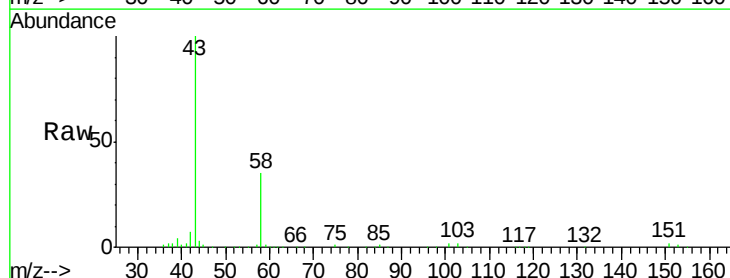
Acq: 14 Feb 2019 10:16

Tgt Ion: 43 Resp: 609201

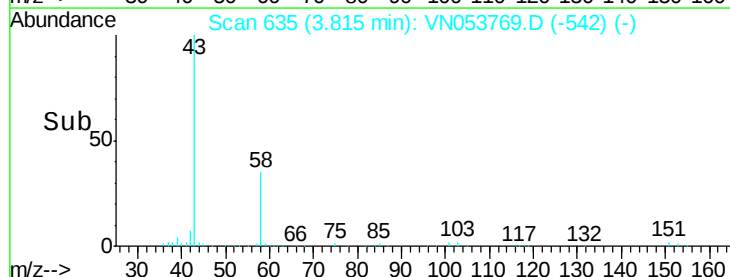
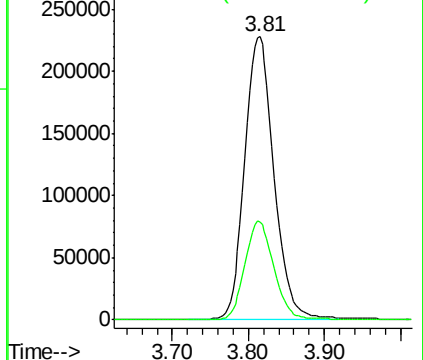
Ion Ratio Lower Upper

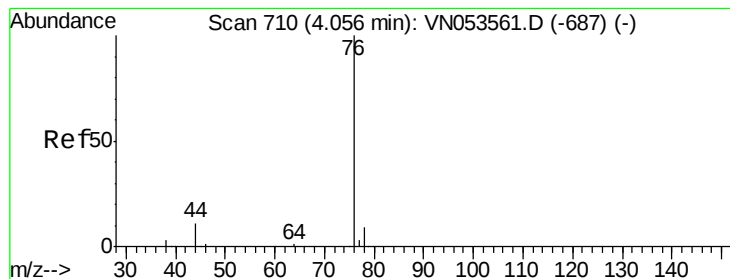
43 100

58 34.7 27.1 40.7



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





#17

Carbon Disulfide

Concen: 42.882 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

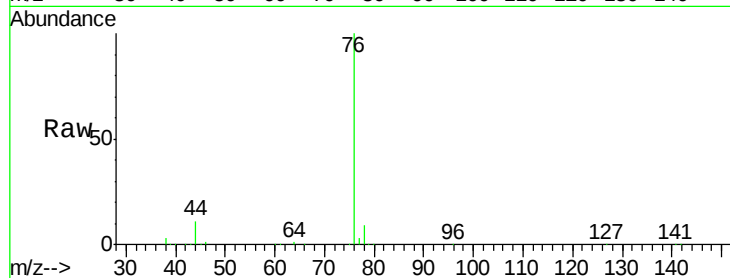
ClientSampleId :

Tot Ion: 76 Resp: 919146

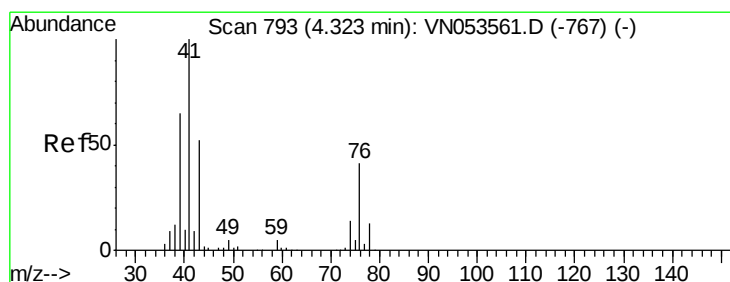
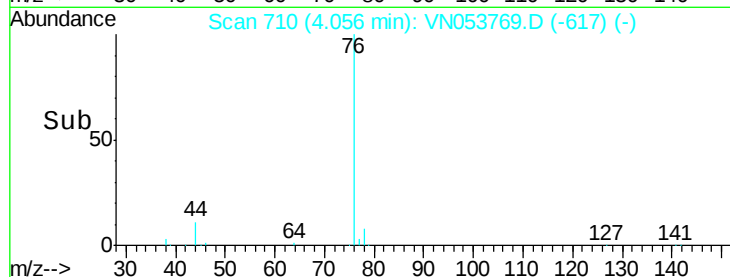
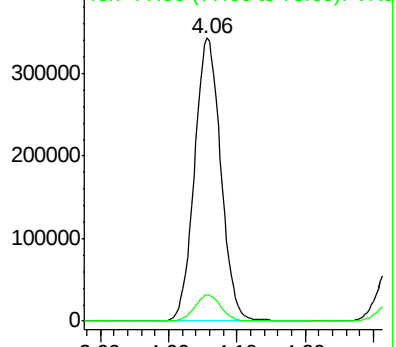
Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 54.540 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053769.D

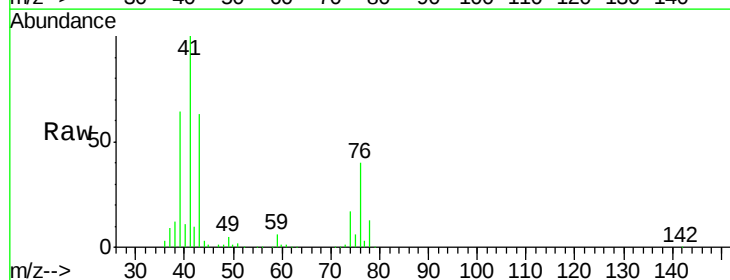
Acq: 14 Feb 2019 10:16

Tgt Ion: 43 Resp: 308961

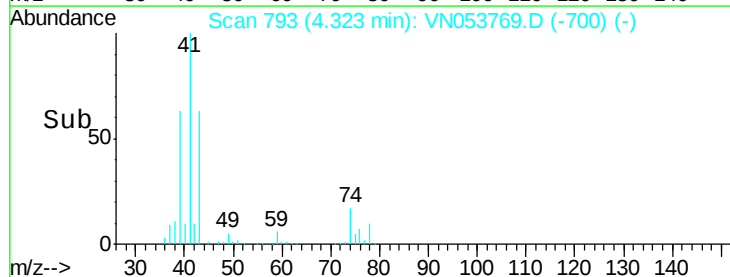
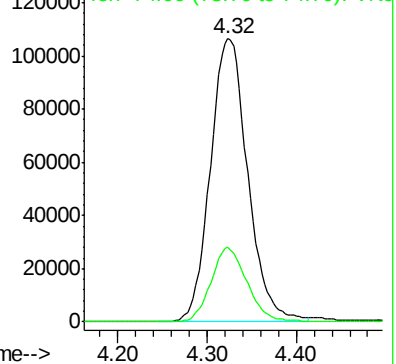
Ion Ratio Lower Upper

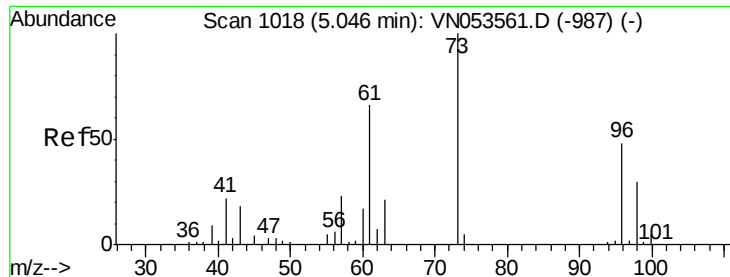
43 100

74 25.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

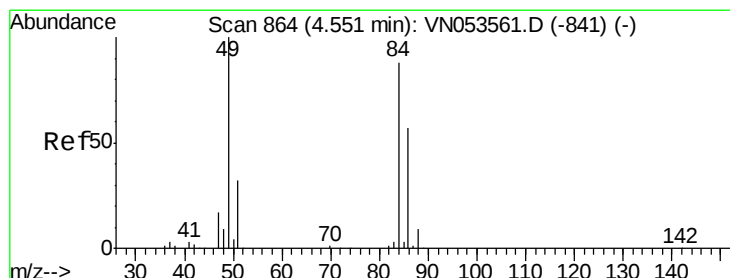
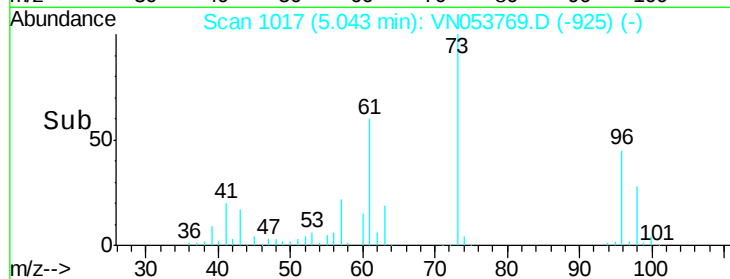
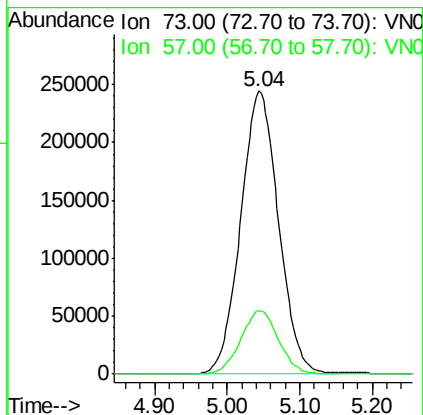
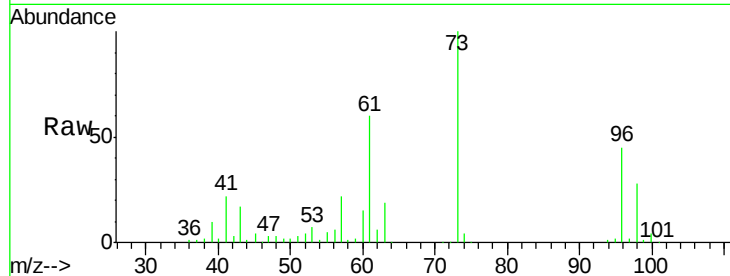




#19
Methyl tert-butyl Ether
Concen: 50.888 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

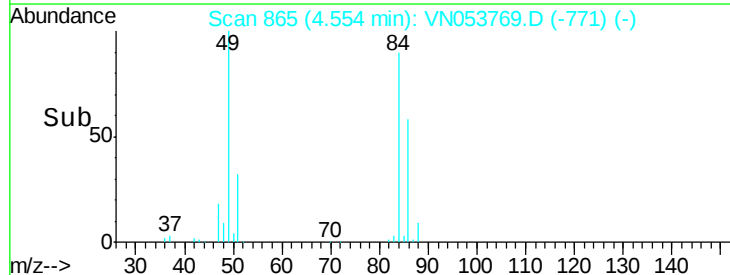
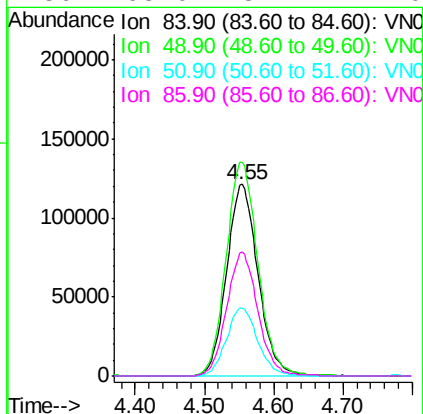
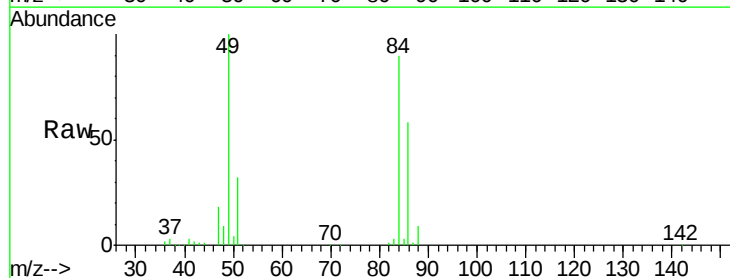
Instrument :
MSVOA_N
ClientSampled :

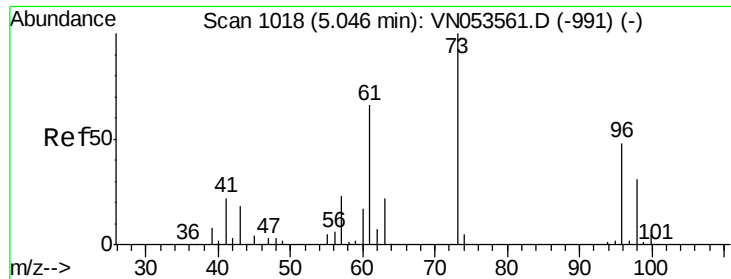
Tot Ion: 73 Resp: 888010
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 47.888 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 84 Resp: 384304
Ion Ratio Lower Upper
84 100
49 111.3 94.3 141.5
51 35.3 29.4 44.2
86 65.0 51.4 77.0

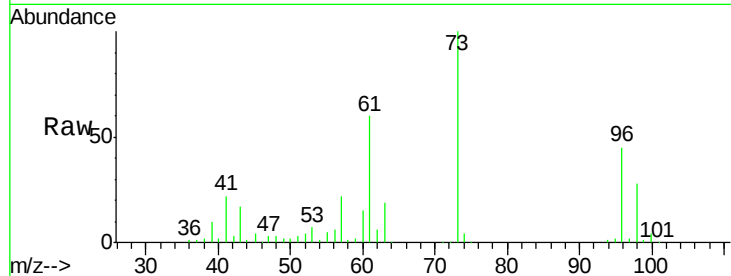




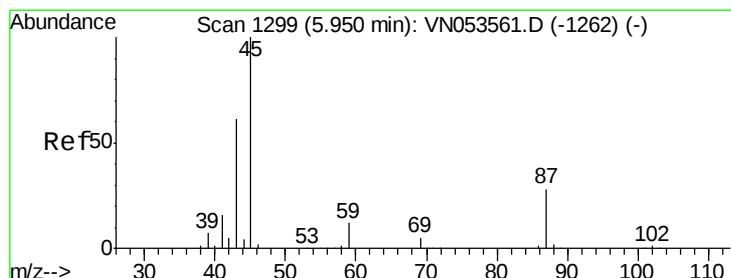
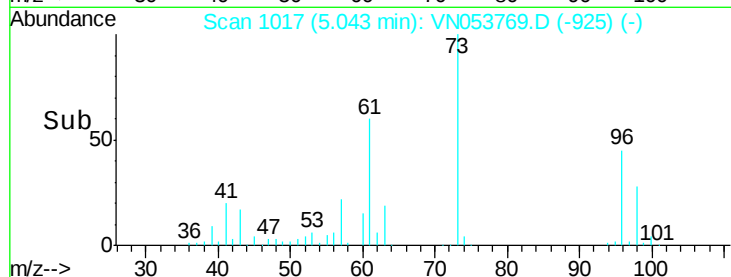
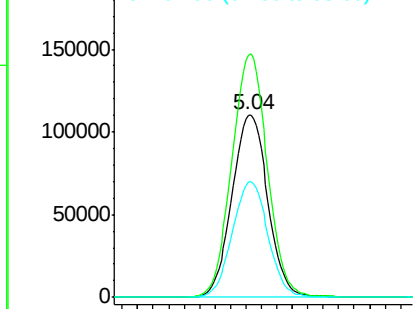
#21
trans-1,2-Dichloroethene
Concen: 47.836 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 355257
Ion Ratio Lower Upper
96 100
61 132.7 110.1 165.1
98 63.0 50.0 75.0

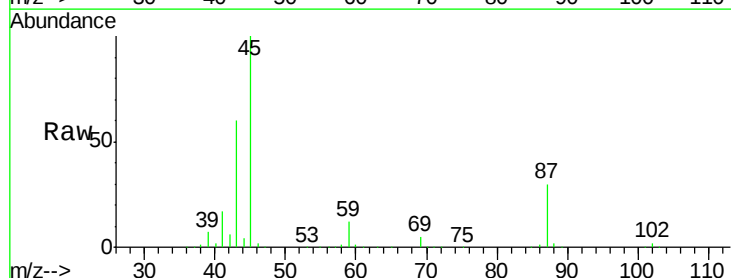


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

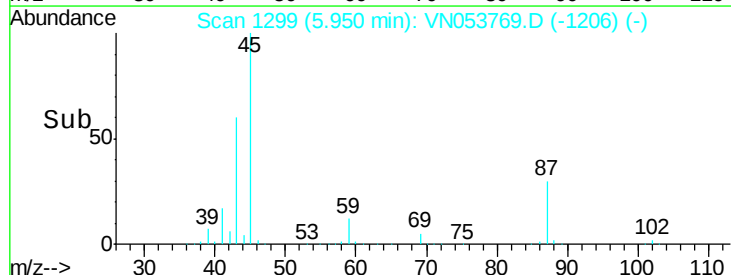
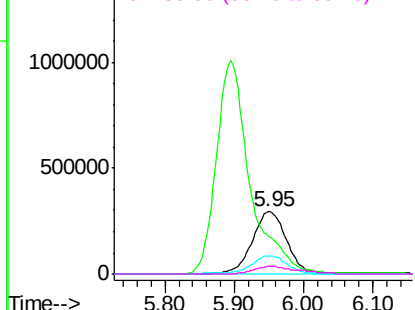


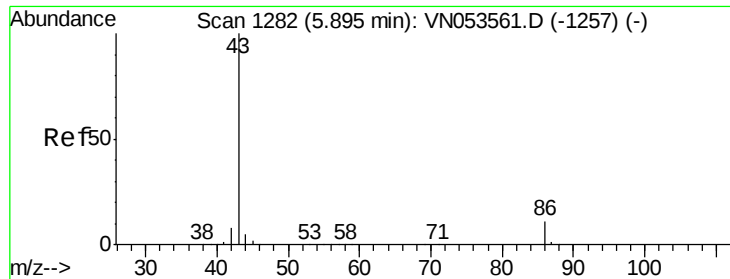
#22
Diisopropyl ether
Concen: 50.280 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 45 Resp: 1021102
Ion Ratio Lower Upper
45 100
43 58.2 44.2 66.4
87 29.0 22.7 34.1
59 12.0 9.4 14.2



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: 243.639 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

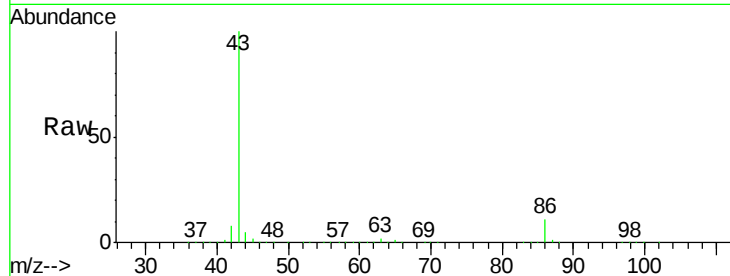
Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3422899

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.4	12.6



Abundance Ion 43.00 (42.70 to 43.70): VN053769.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053769.D (-1189) (-)

5.90

1200000

1000000

800000

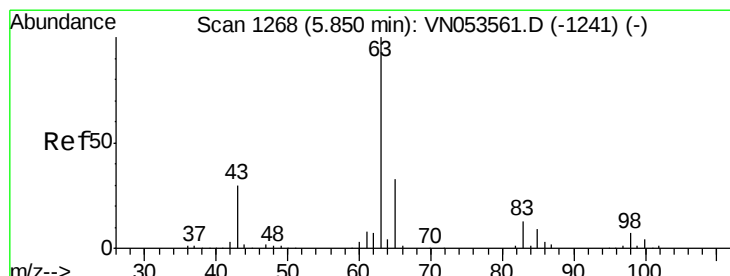
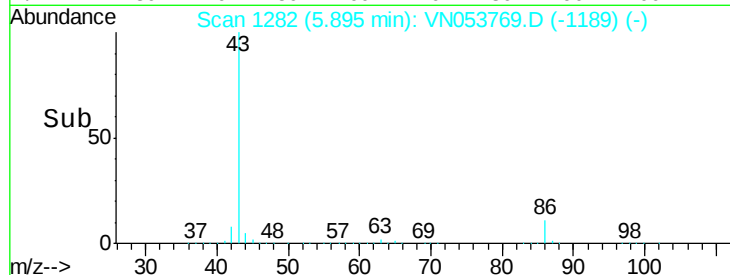
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 47.815 ug/l

RT: 5.85 min Scan# 1268

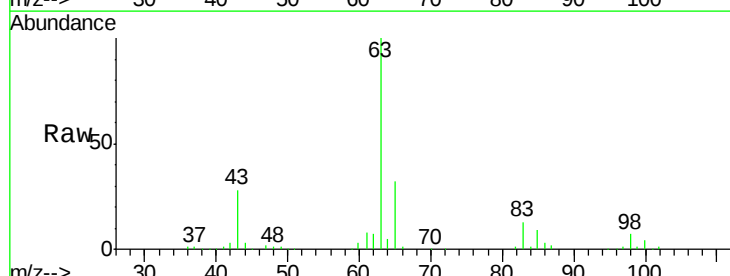
Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Tgt Ion: 63 Resp: 647685

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.9
100	4.3	2.1	6.5



Abundance Ion 62.90 (62.60 to 63.60): VN053769.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053769.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053769.D (-1175) (-)

250000

200000

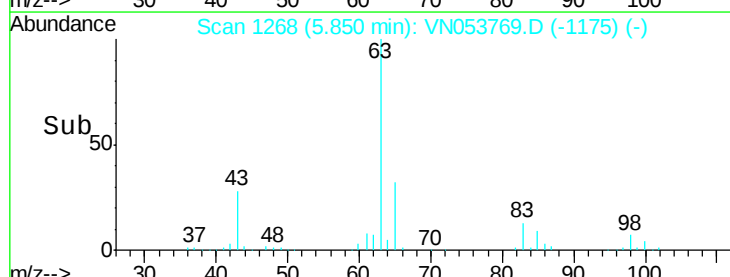
150000

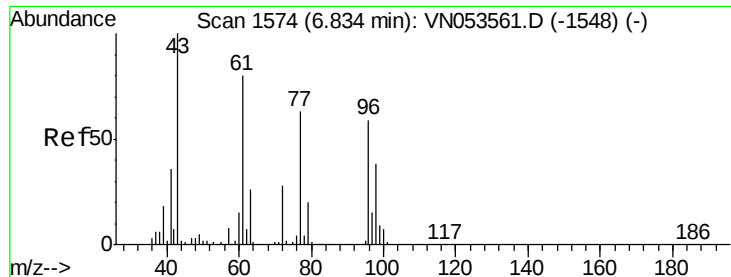
100000

50000

0

Time--> 5.70 5.80 5.90 6.00

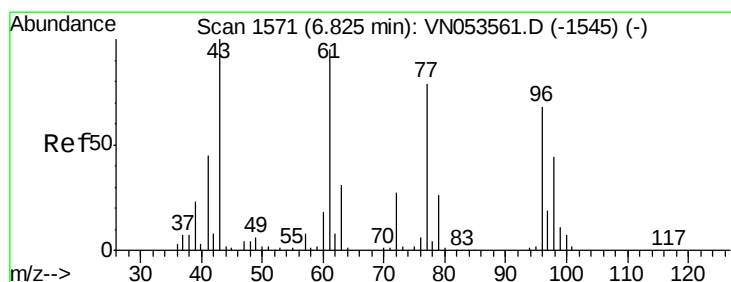
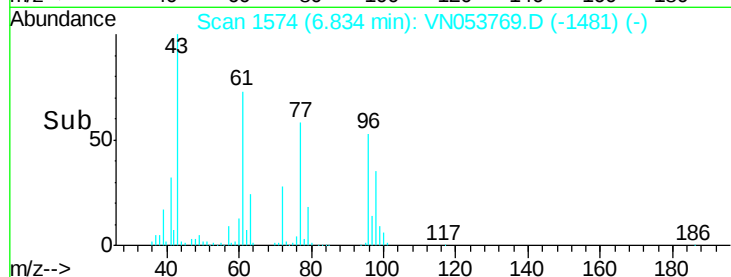
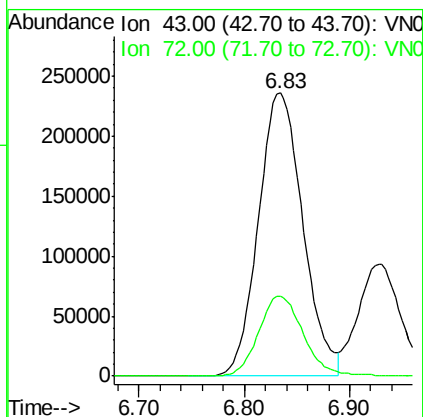
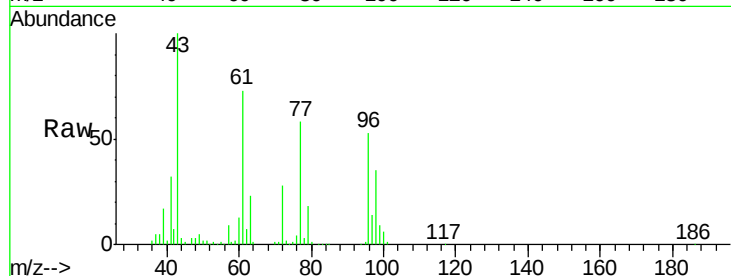




#25
2-Butanone
Concen: 252.914 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

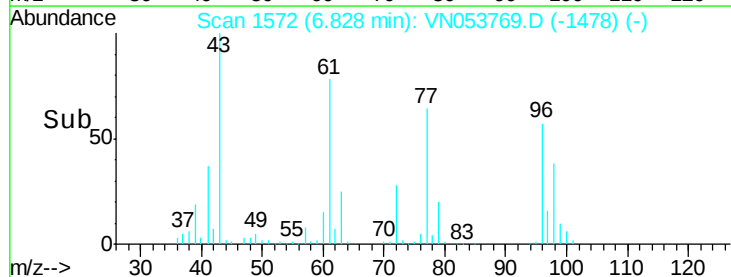
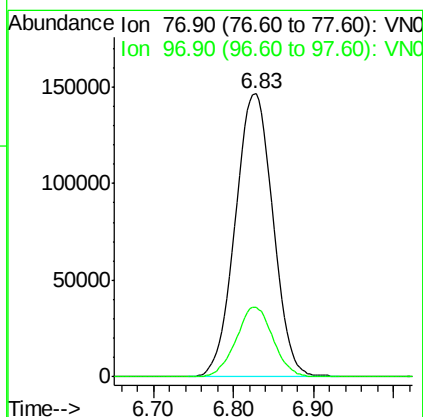
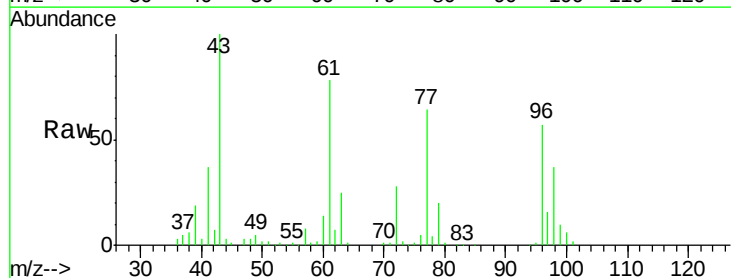
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 689974
Ion Ratio Lower Upper
43 100
72 28.2 22.0 33.0



#26
2,2-Dichloropropane
Concen: 45.332 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 77 Resp: 468737
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6

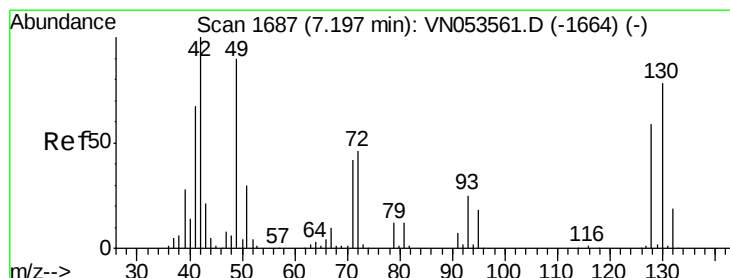
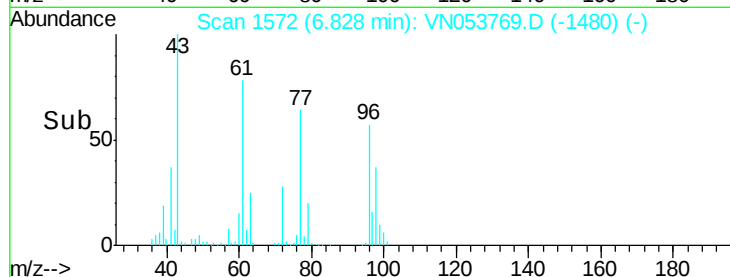
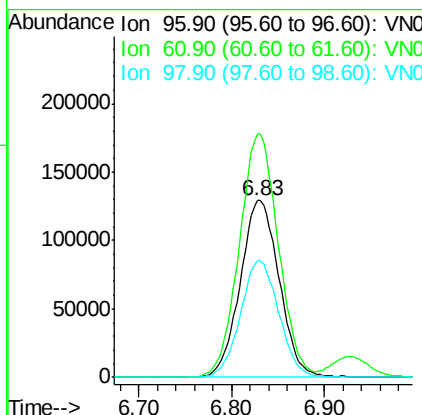
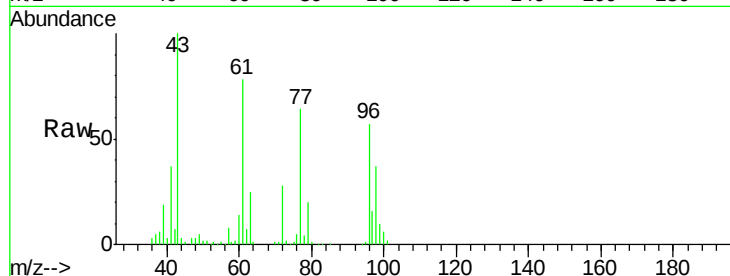




#27
 cis-1,2-Dichloroethene
 Concen: 45.638 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

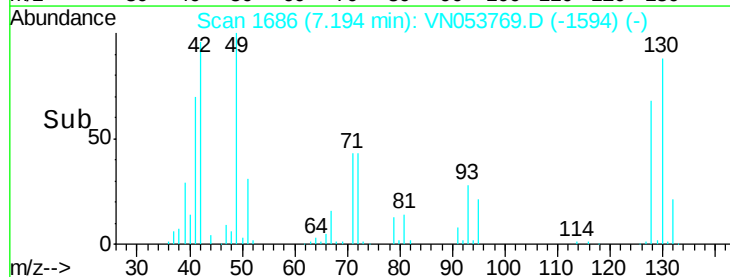
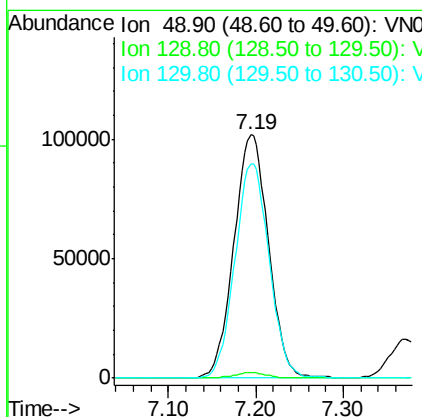
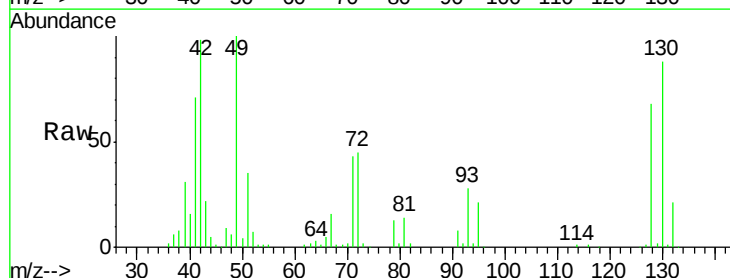
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	283.8
98	65.3	0.0	129.2



#28
 Bromochloromethane
 Concen: 47.550 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	87.7	66.3	99.5

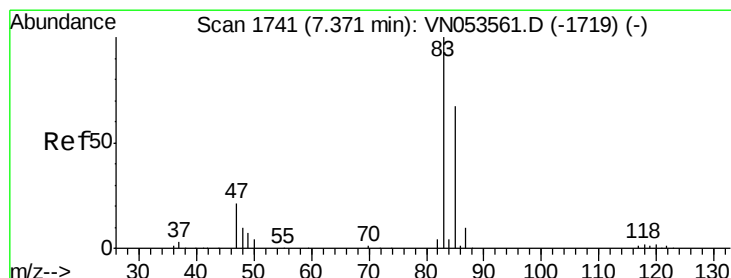
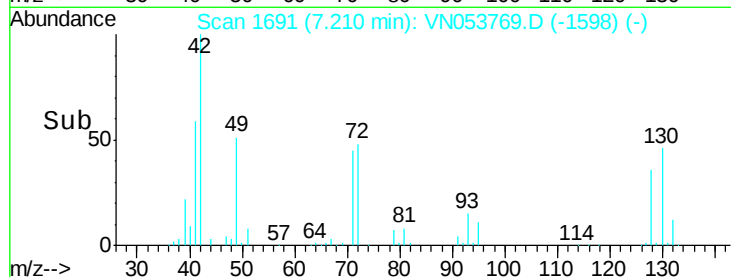
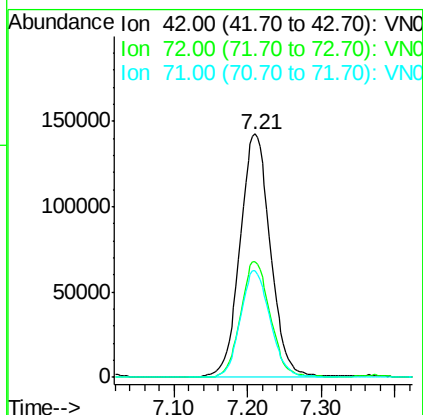
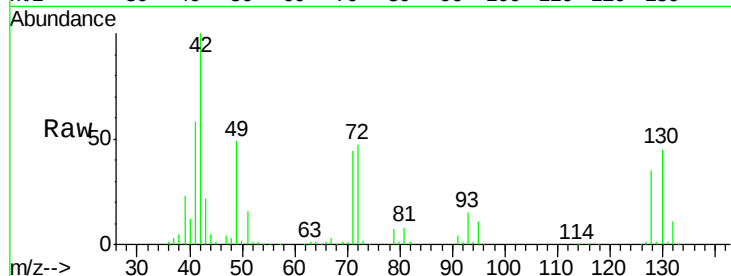




#29
Tetrahydrofuran
Concen: 233.684 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

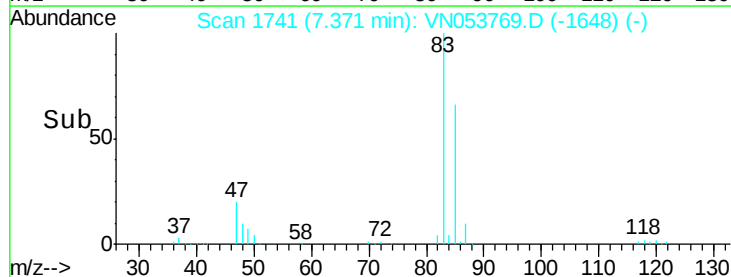
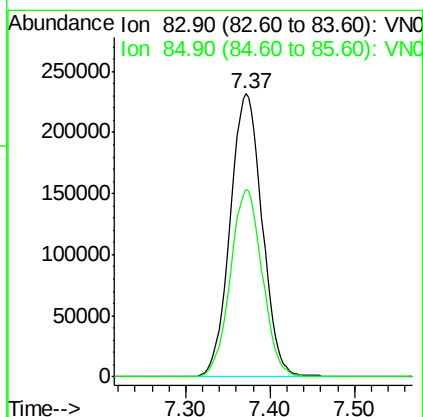
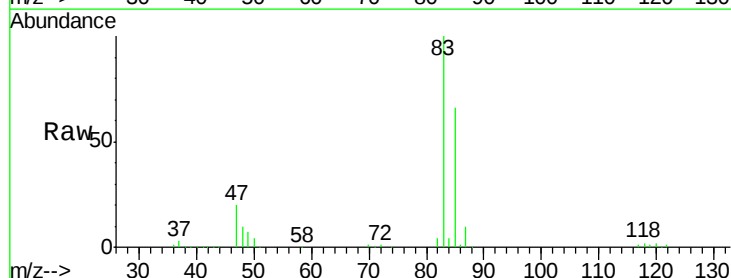
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 409366
Ion Ratio Lower Upper
42 100
72 46.2 35.2 52.8
71 43.2 33.0 49.4



#30
Chloroform
Concen: 45.596 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 83 Resp: 612241
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.2





#31

Cyclohexane

Concen: 42.171 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

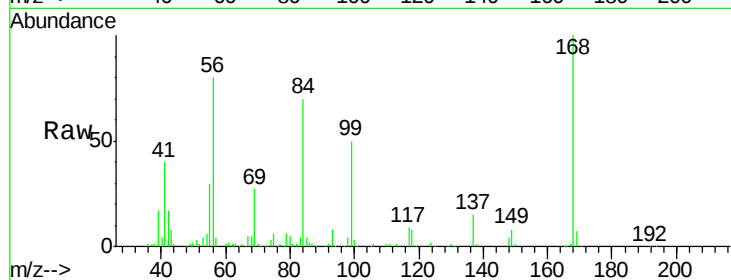
Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

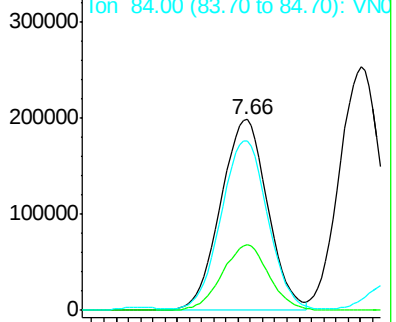
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 532180

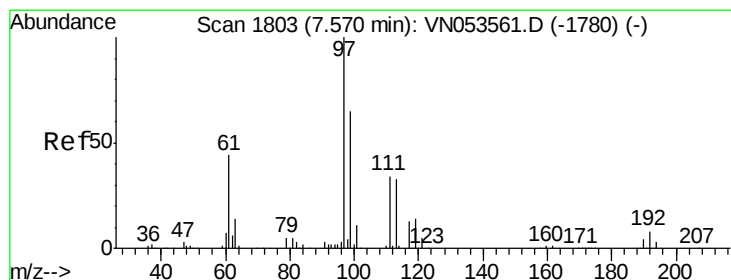
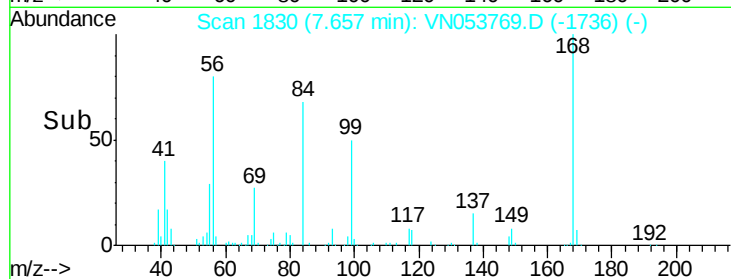
Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.4	39.6
84	87.4	67.9	101.9



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 46.096 ug/l

RT: 7.57 min Scan# 1803

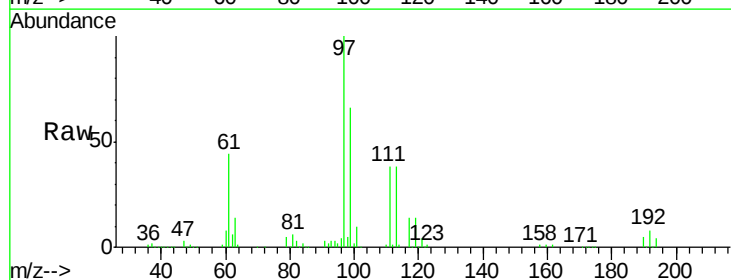
Delta R.T. -0.00 min

Lab File: VN053769.D

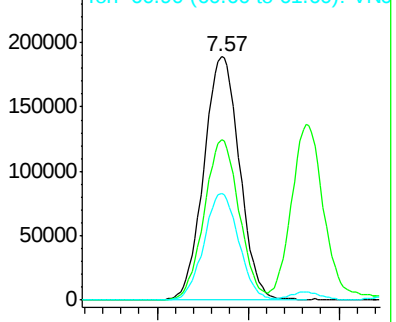
Acq: 14 Feb 2019 10:16

Tgt Ion: 97 Resp: 515101

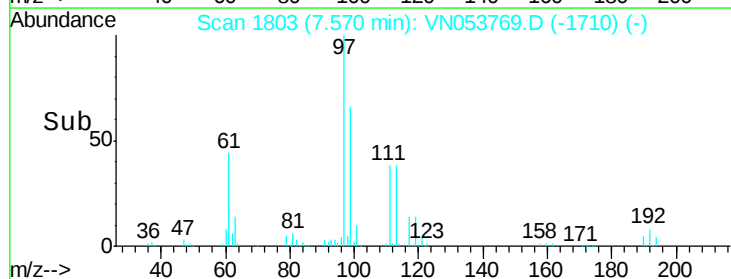
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	42.7	34.4	51.6

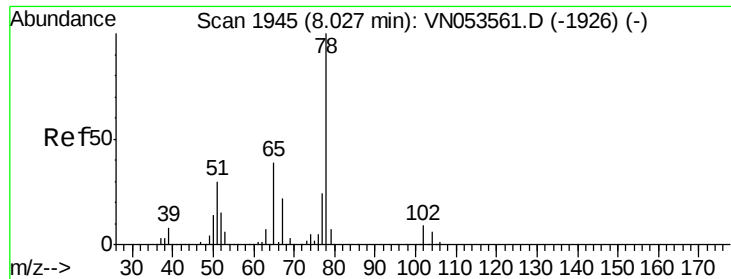


Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO



Time-->

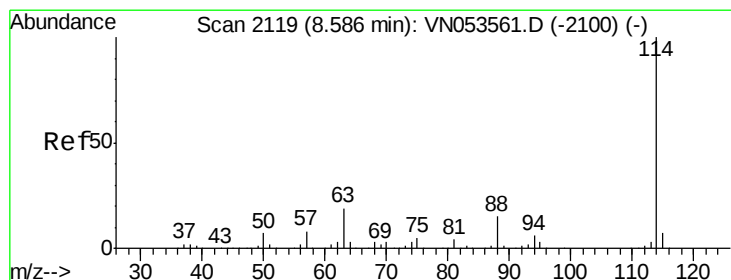
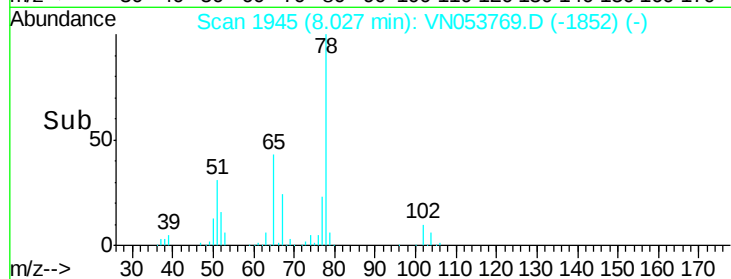
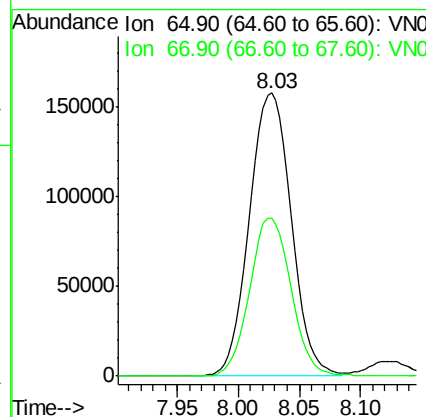
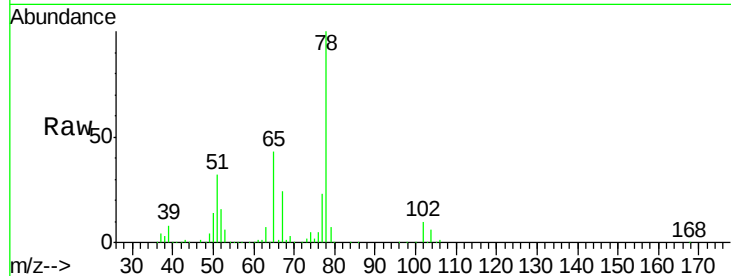




#33
 1,2-Dichloroethane-d4
 Concen: 50.394 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

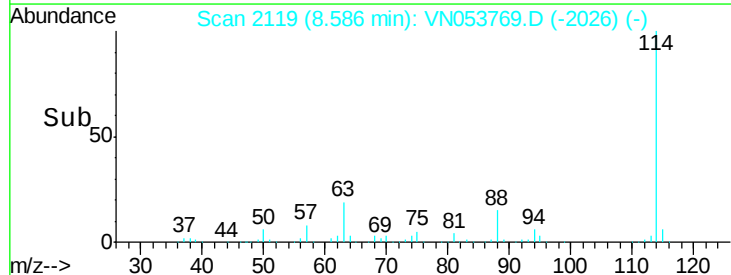
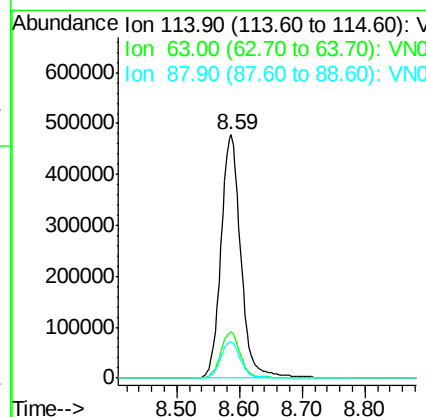
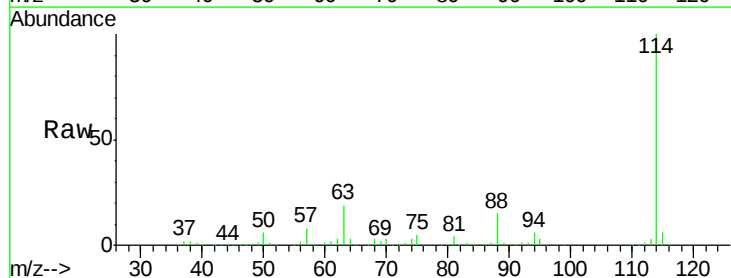
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 375800
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion: 114 Resp: 1051201
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.4

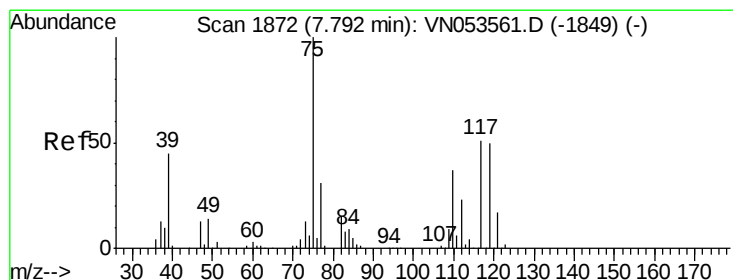
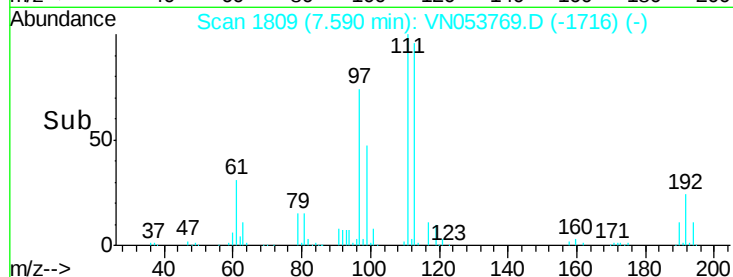
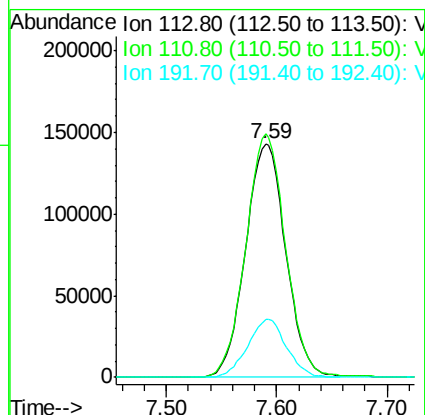
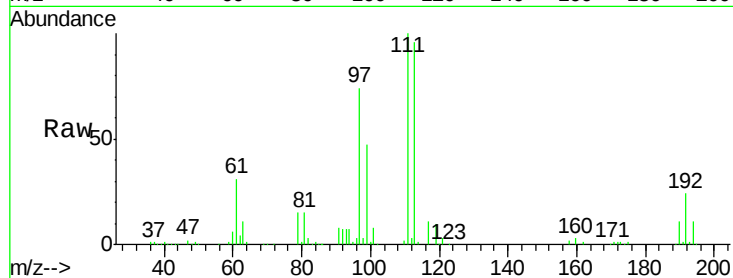




#35
 Dibromofluoromethane
 Concen: 54.522 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

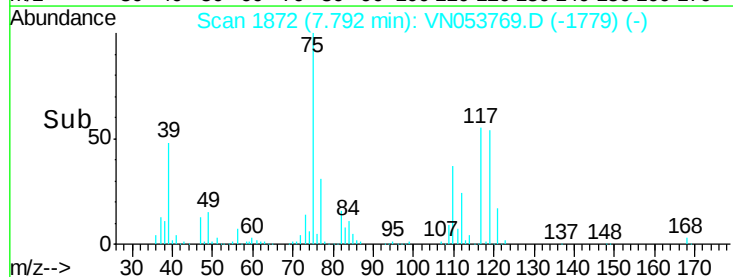
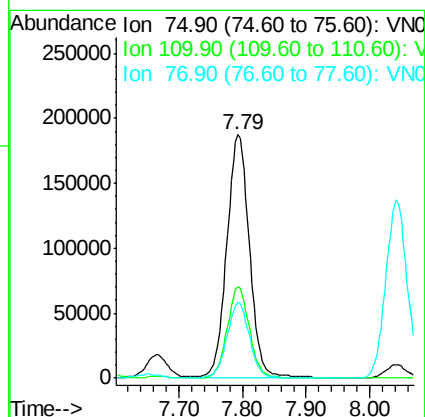
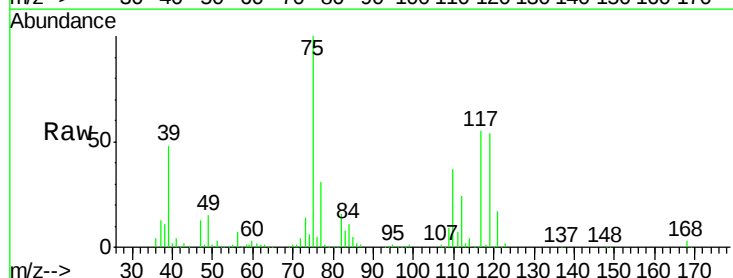
Instrument :
 MSVOA_N
 ClientSampleId :

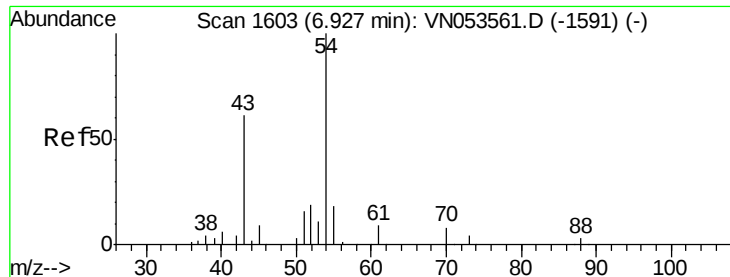
Tot Ion:113 Resp: 362145
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 24.0 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 48.871 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion: 75 Resp: 463099
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.3
 77 31.0 25.1 37.7

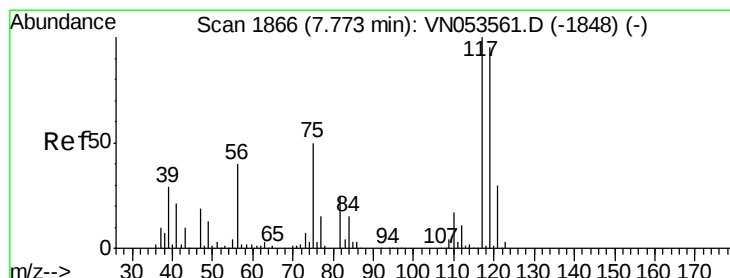
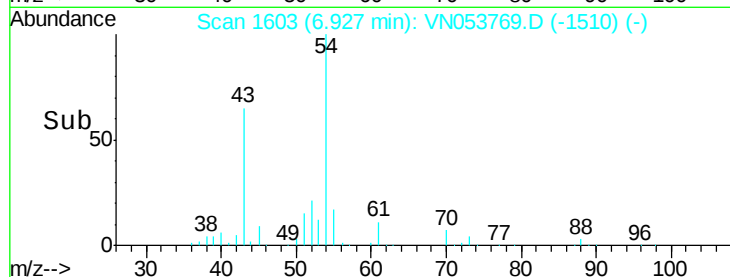
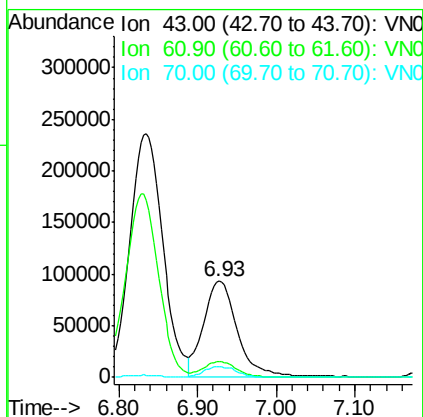
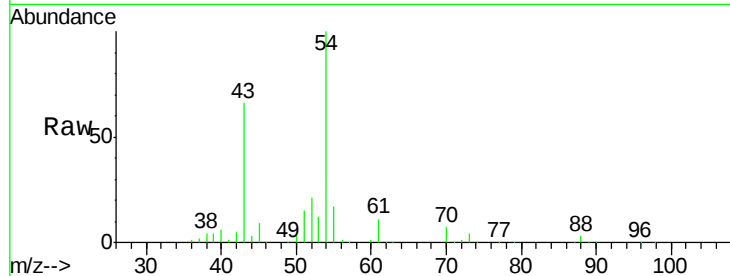




#37
Ethyl Acetate
Concen: 51.611 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

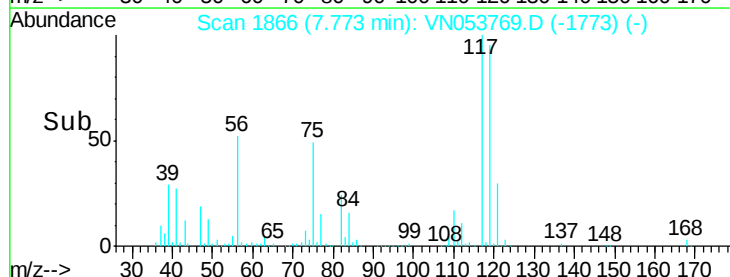
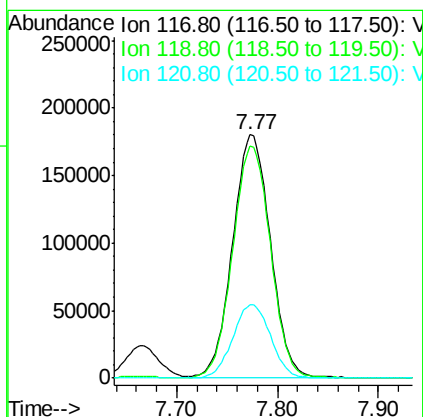
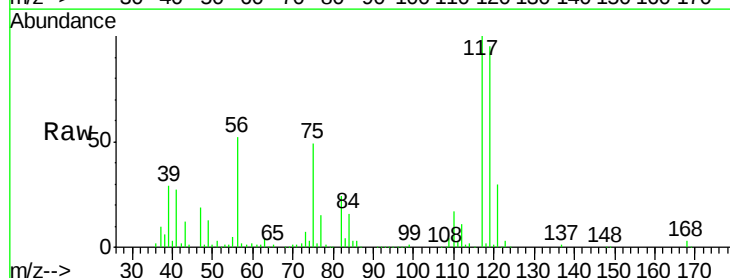
Instrument :
MSVOA_N
ClientSampled :

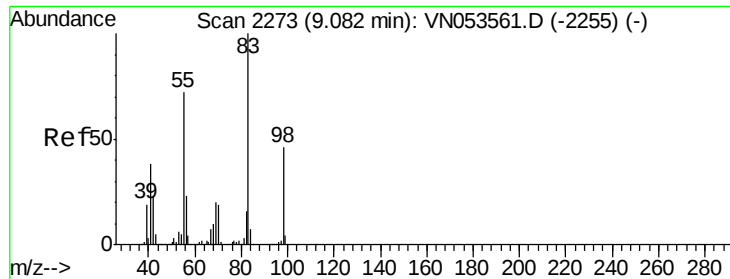
Tot Ion: 43 Resp: 273141
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.700 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 117 Resp: 464892
Ion Ratio Lower Upper
117 100
119 95.3 77.2 115.8
121 30.1 24.6 37.0

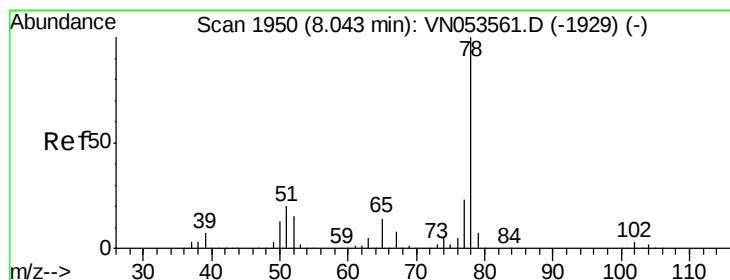
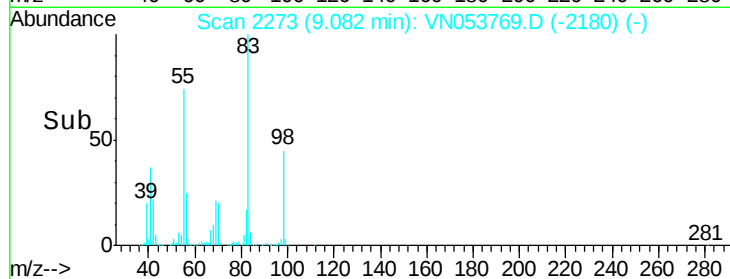
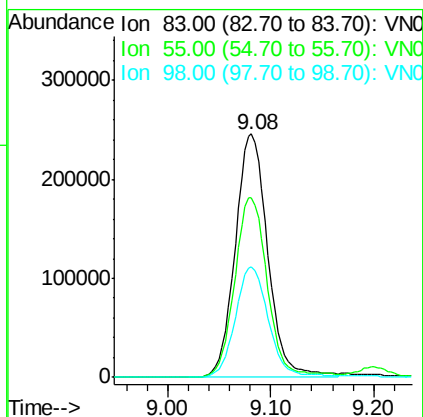
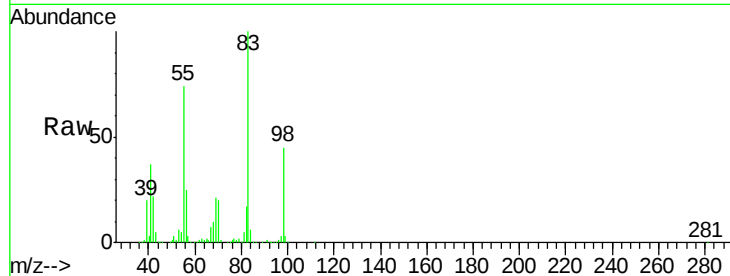




#39
Methvlcvclohexane
Concen: 48.219 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

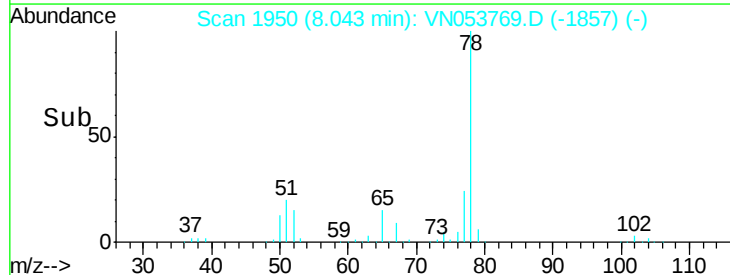
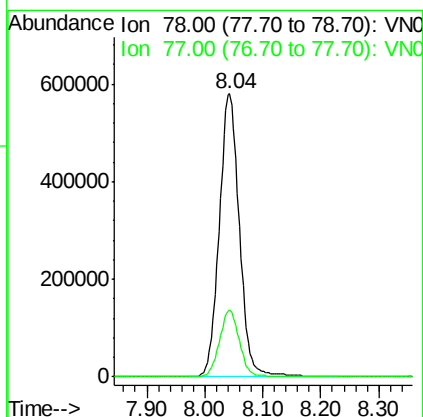
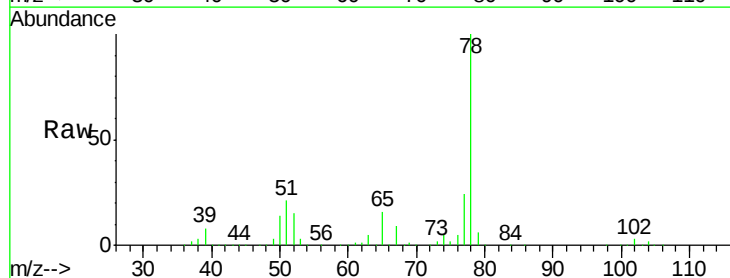
Instrument :
MSVOA_N
ClientSampleId :

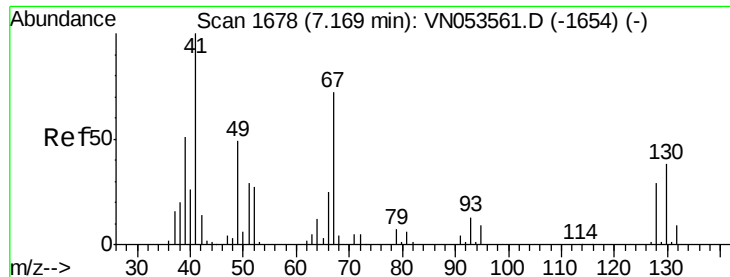
Tot Ion: 83 Resp: 542086
Ion Ratio Lower Upper
83 100
55 73.6 60.1 90.1
98 45.4 36.6 55.0



#40
Benzene
Concen: 47.883 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 78 Resp: 1399203
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

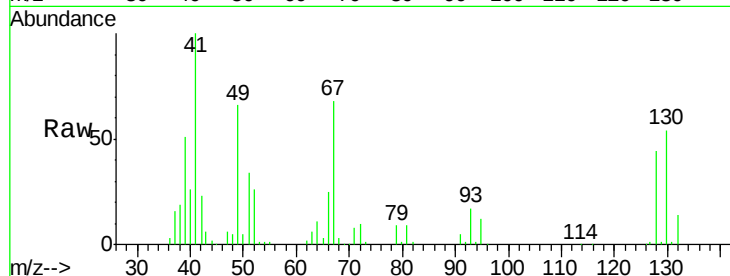




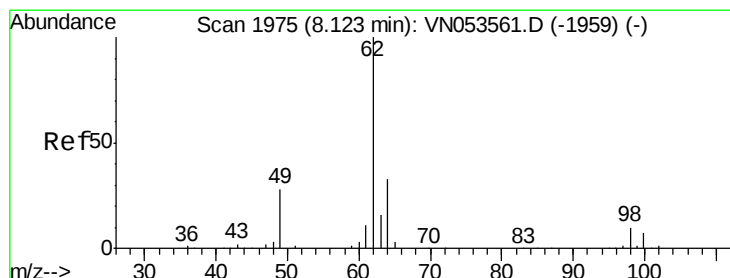
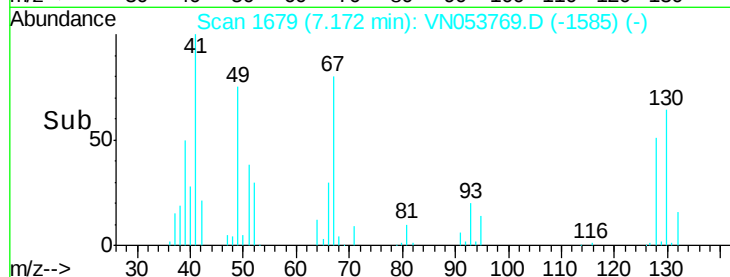
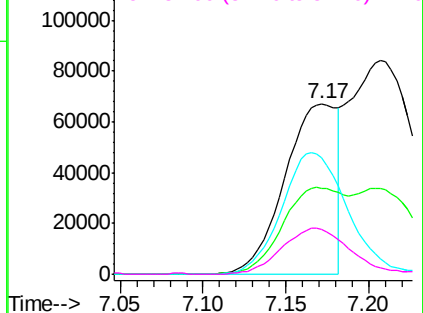
#41
Methacrylonitrile
Concen: 50.057 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 148063
Ion Ratio Lower Upper
41 100
39 60.3 46.8 70.2
67 90.4 63.0 94.6
52 34.5 23.8 35.8

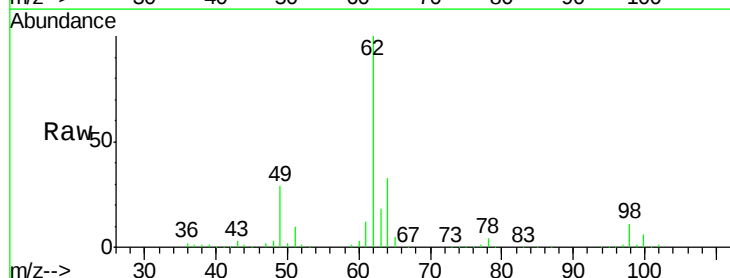


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

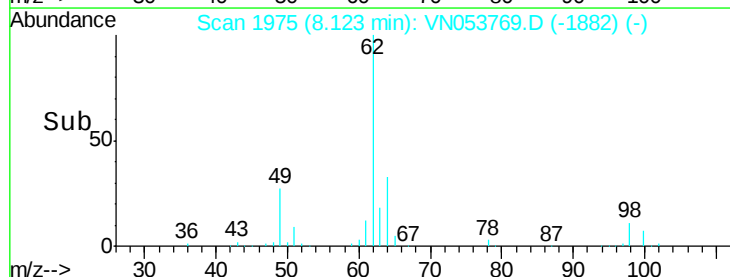
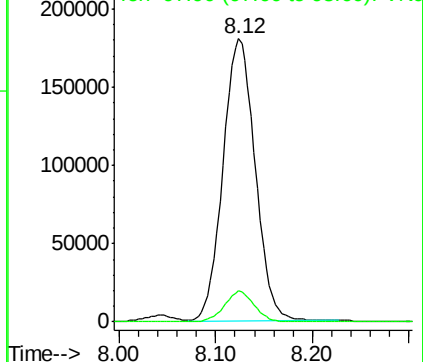


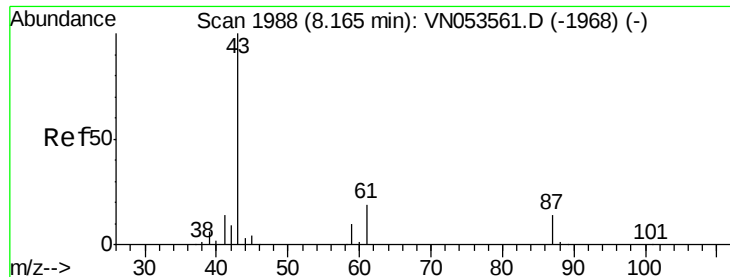
#42
1,2-Dichloroethane
Concen: 48.219 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 62 Resp: 418366
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 46.718 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

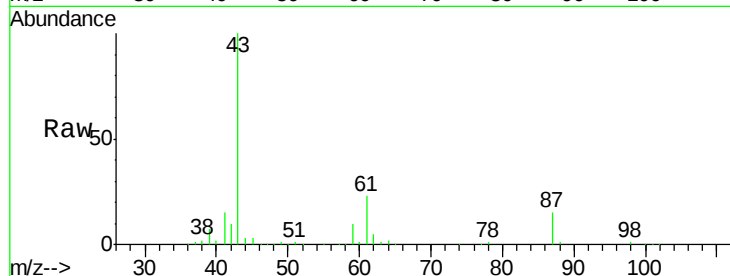
Tot Ion: 43 Resp: 477493

Ion Ratio Lower Upper

43 100

61 20.6 23.9 35.9#

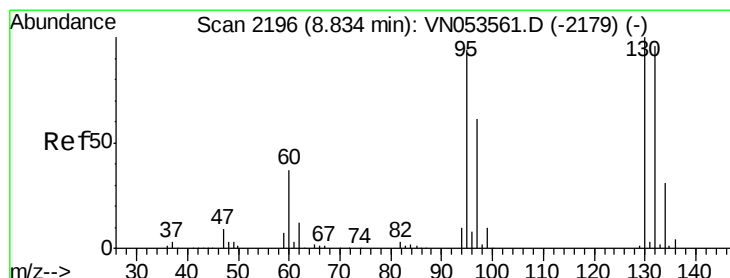
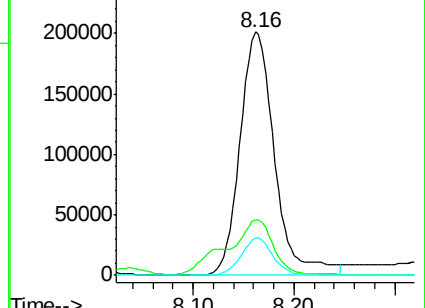
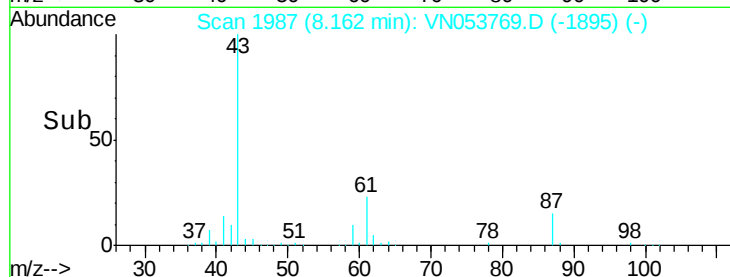
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053769.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053769.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053769.D (-1968) (-)



#44

Trichloroethene

Concen: 48.780 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053769.D

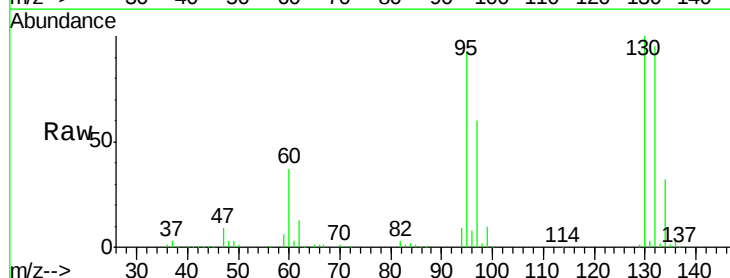
Acq: 14 Feb 2019 10:16

Tgt Ion:130 Resp: 405808

Ion Ratio Lower Upper

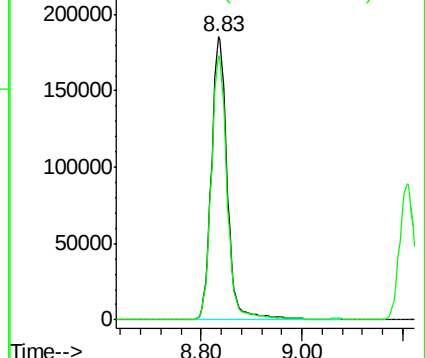
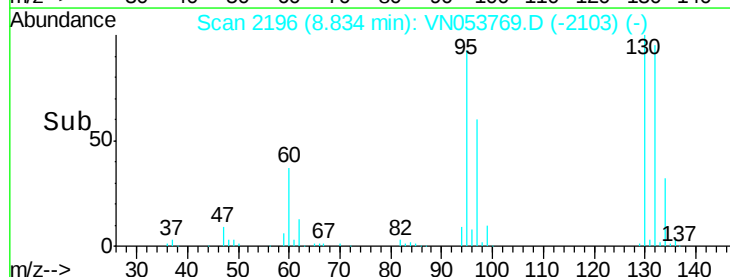
130 100

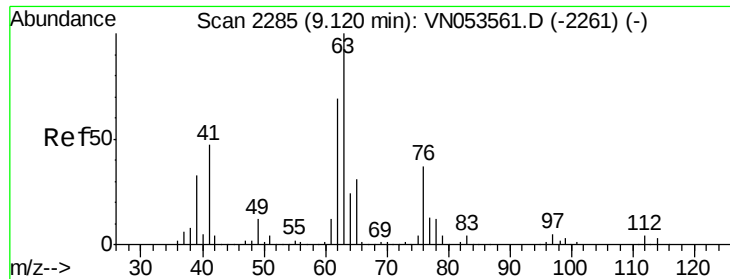
95 93.3 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053769.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053769.D (-2179) (-)

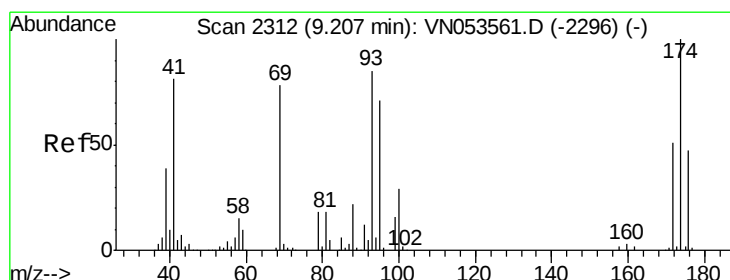
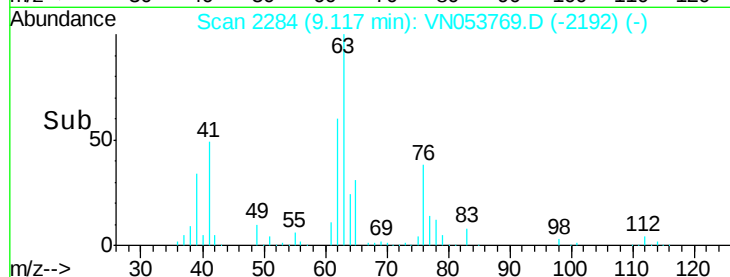
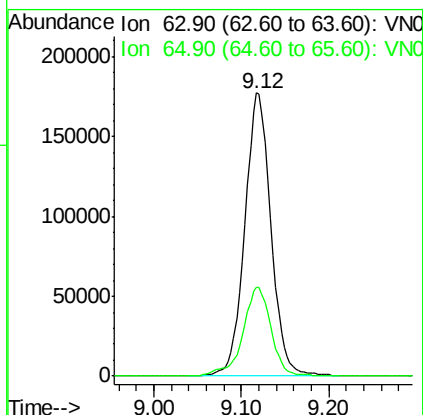
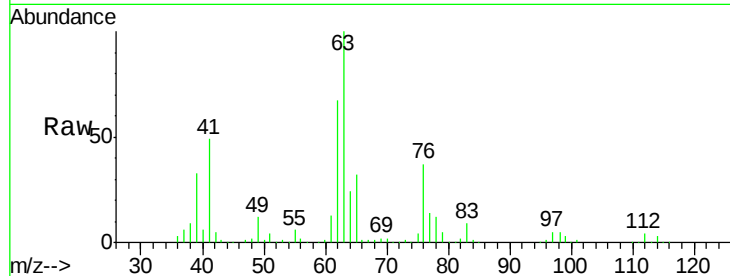




#45
 1,2-Dichloropropane
 Concen: 49.367 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

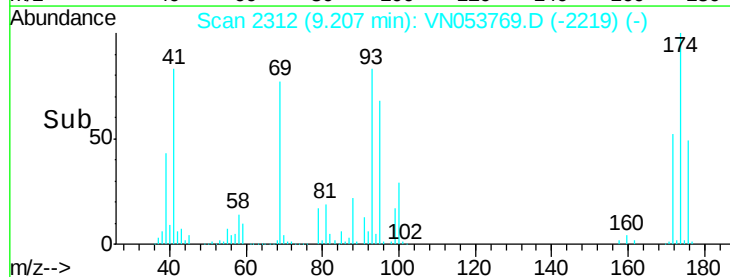
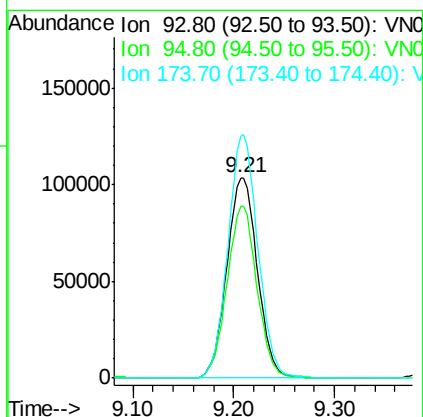
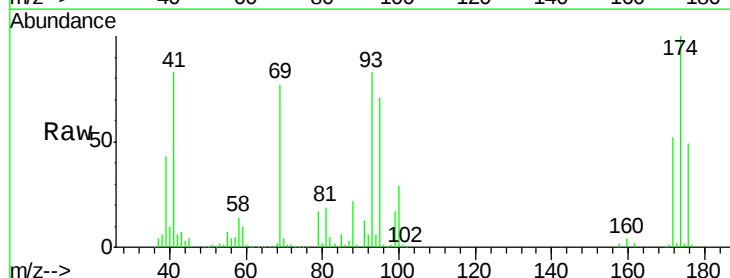
Instrument :
 MSVOA_N
 ClientSampleId :

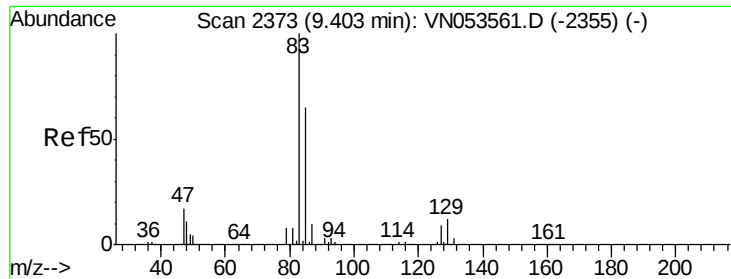
Tot Ion: 63 Resp: 368969
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 48.671 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion: 93 Resp: 219286
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.3 100.9
 174 119.2 91.0 136.4





#47

Bromodichloromethane

Concen: 50.498 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

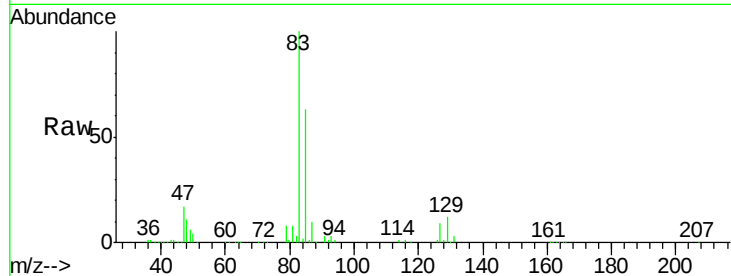
Tot Ion: 83 Resp: 473048

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

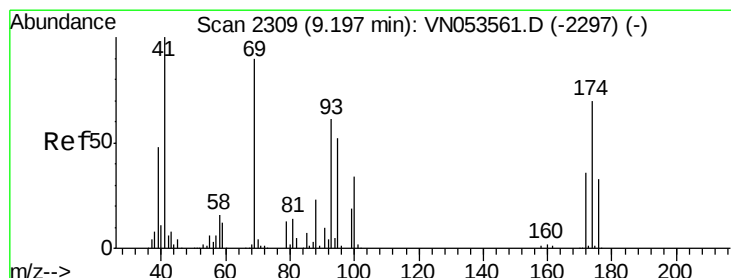
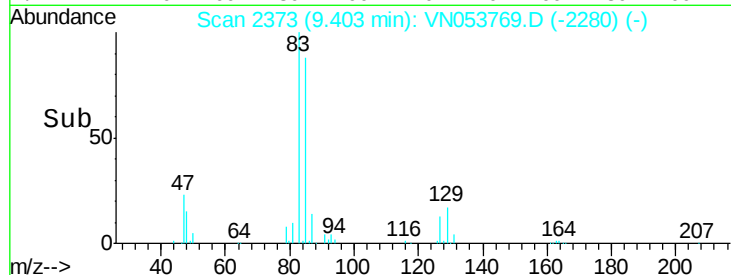
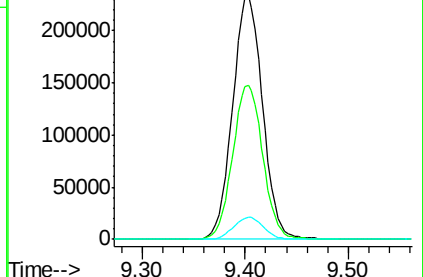
127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053769.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053769.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053769.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.140 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

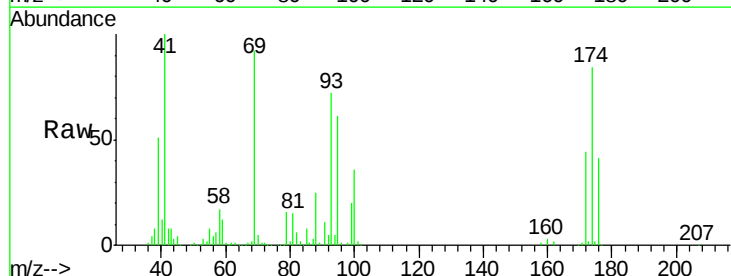
Tgt Ion: 41 Resp: 229986

Ion Ratio Lower Upper

41 100

69 100.8 73.8 110.6

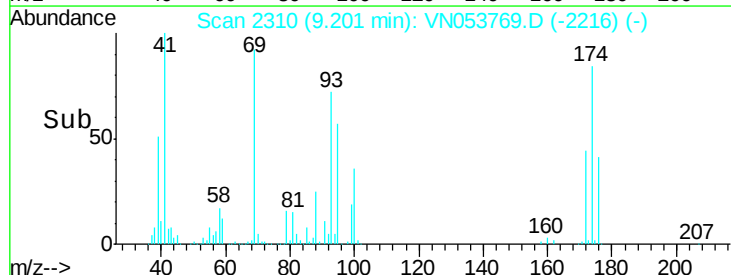
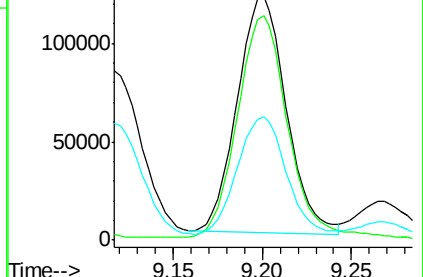
39 54.6 40.0 60.0

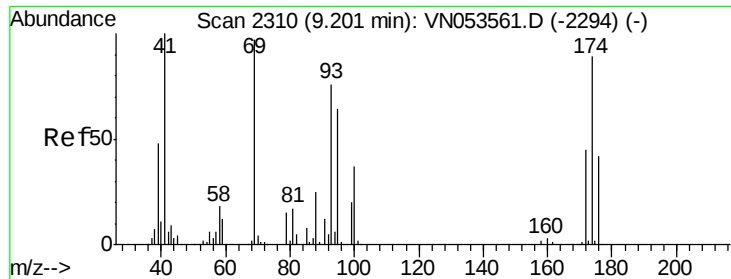


Abundance Ion 41.00 (40.70 to 41.70): VN053769.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053769.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053769.D (-2216) (-)

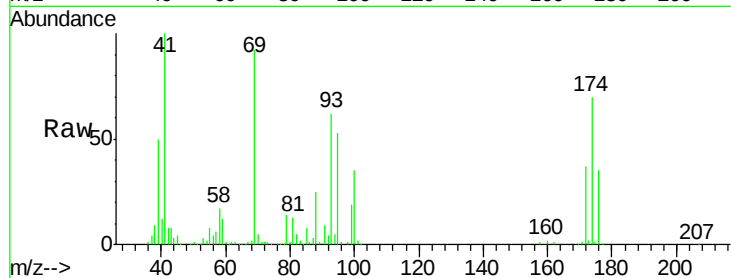




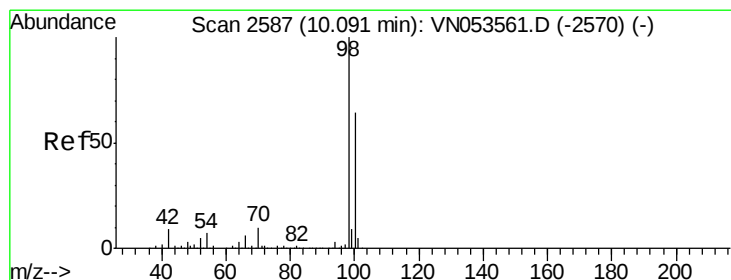
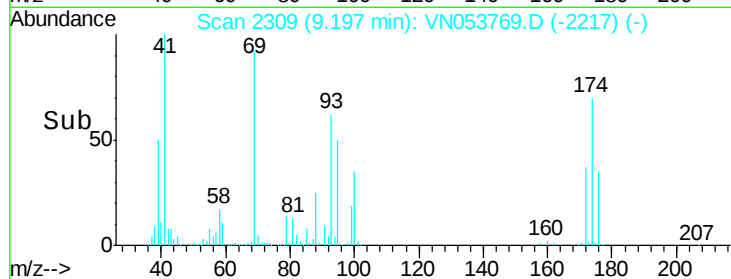
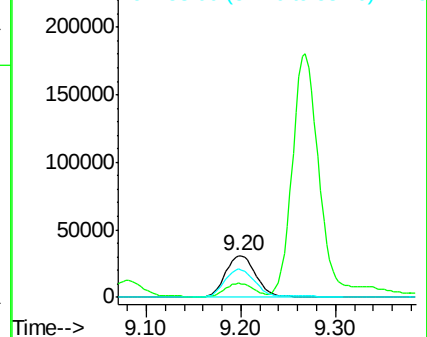
#49
 1,4-Dioxane
 Concen: 995.107 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 70333
 Ion Ratio Lower Upper
 88 100
 43 28.6 27.8 41.6
 58 66.5 56.5 84.7

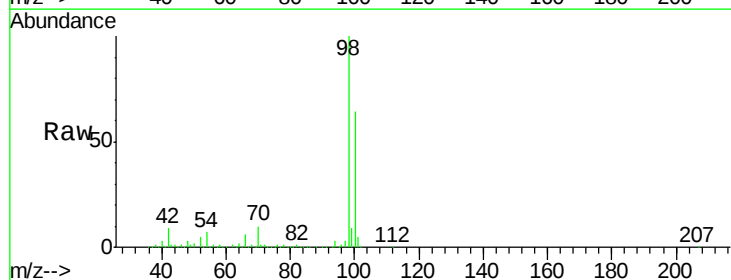


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

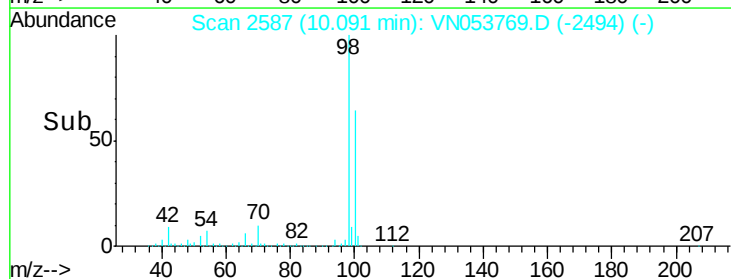
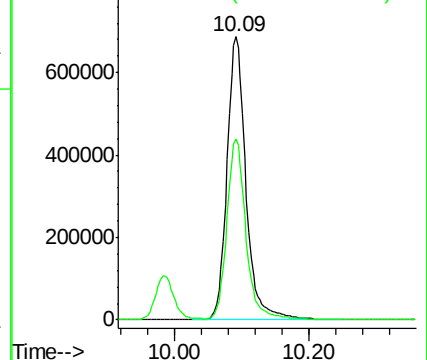


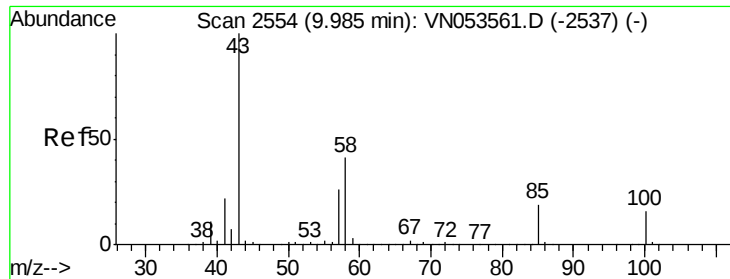
#50
 Toluene-d8
 Concen: 54.298 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion: 98 Resp: 1354220
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0



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: 254.283 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

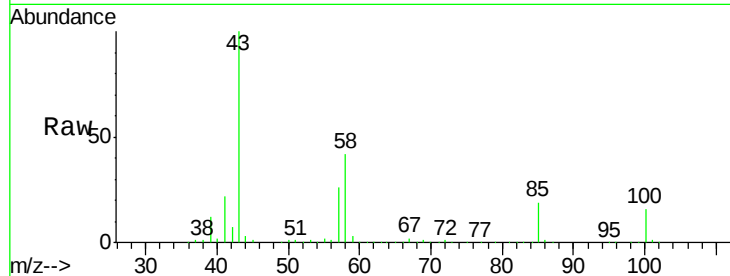
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1277124

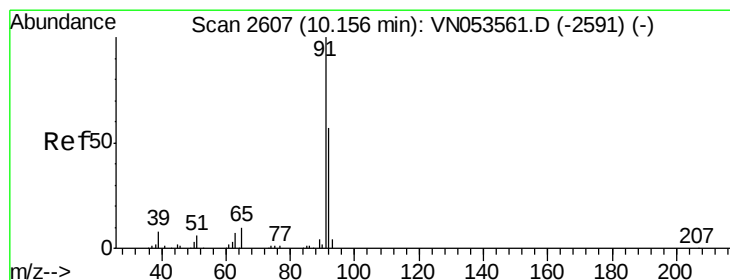
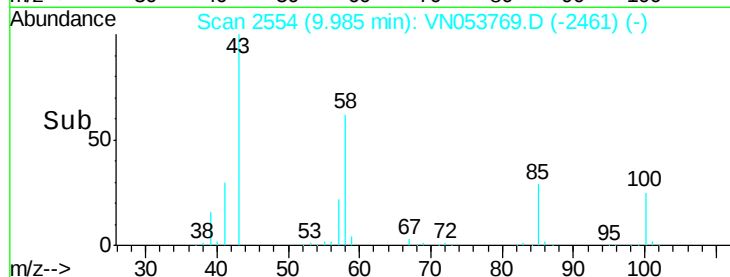
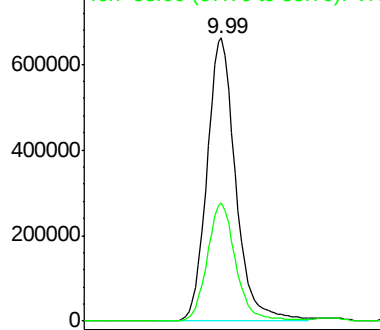
Ion Ratio Lower Upper

43 100

58 41.5 32.8 49.2



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



#52

Toluene

Concen: 49.578 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053769.D

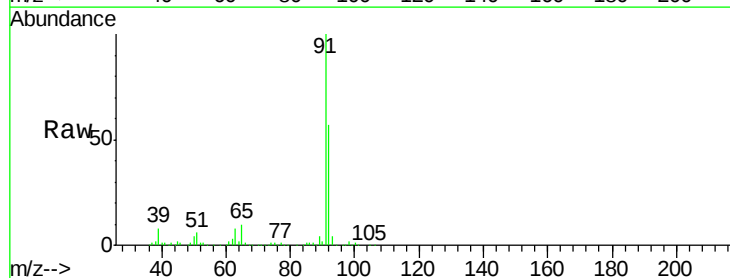
Acq: 14 Feb 2019 10:16

Tgt Ion: 92 Resp: 859811

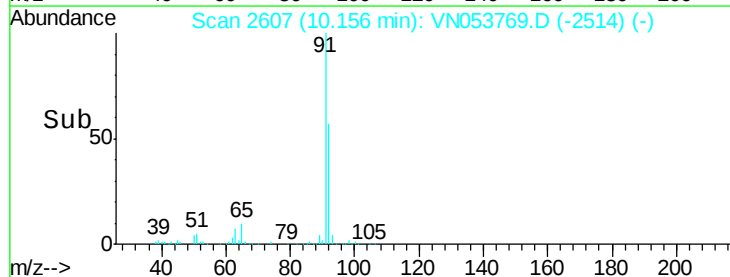
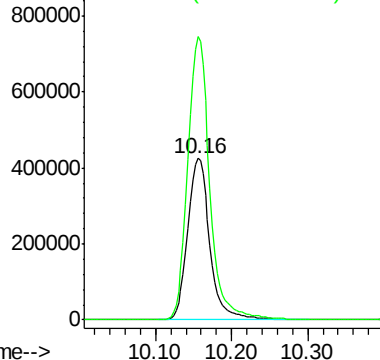
Ion Ratio Lower Upper

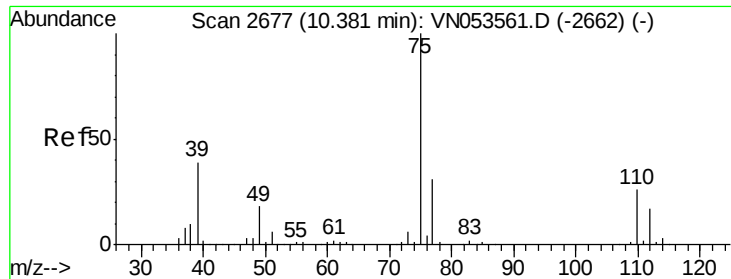
92 100

91 174.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 49.531 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

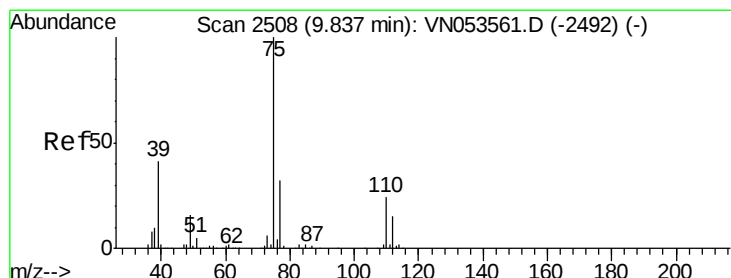
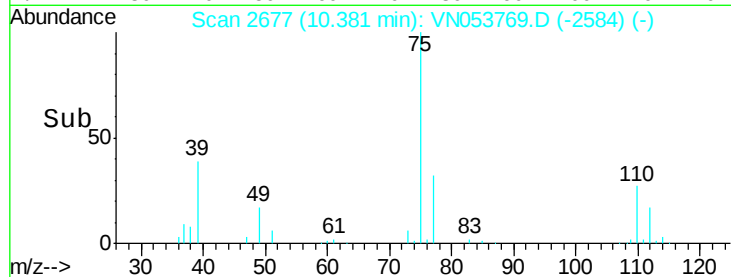
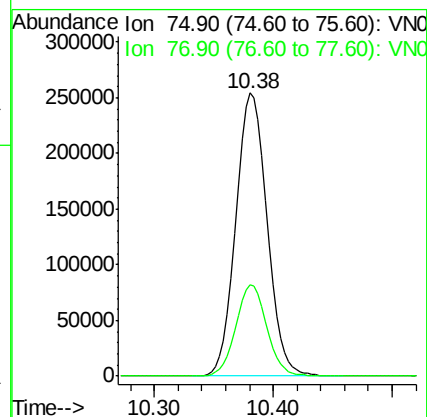
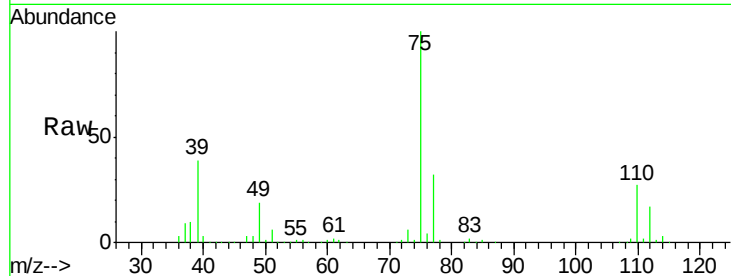
ClientSampled :

Tot Ion: 75 Resp: 464616

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.571 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

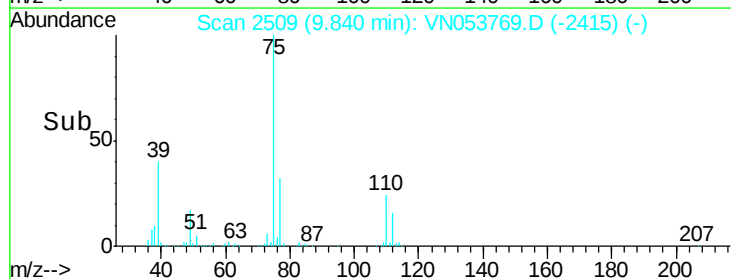
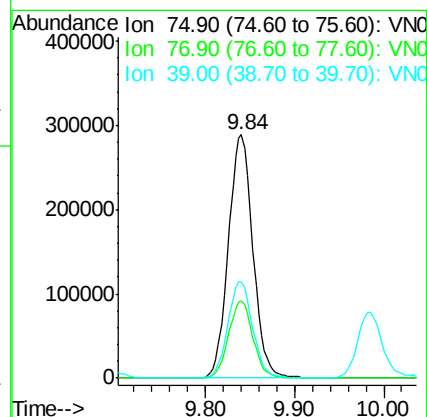
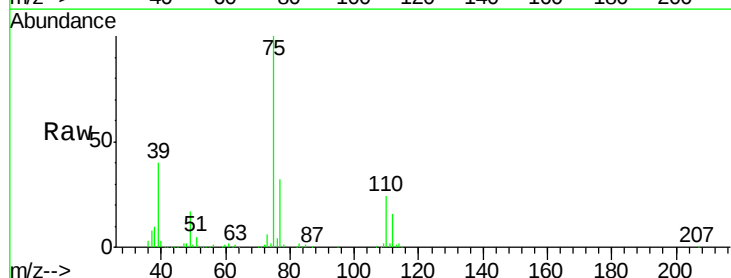
Tgt Ion: 75 Resp: 551016

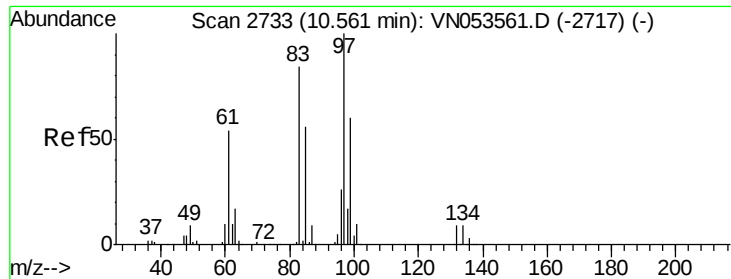
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 39.6 33.4 50.0

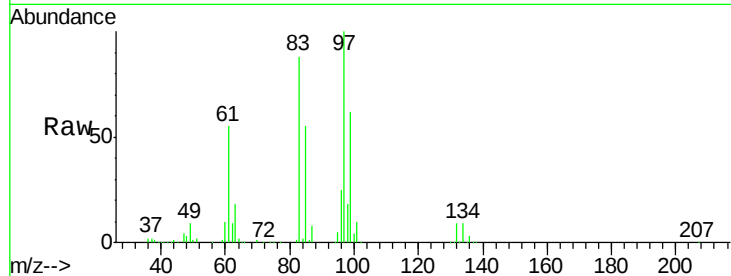




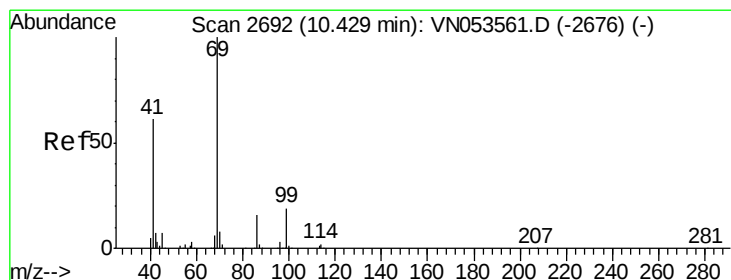
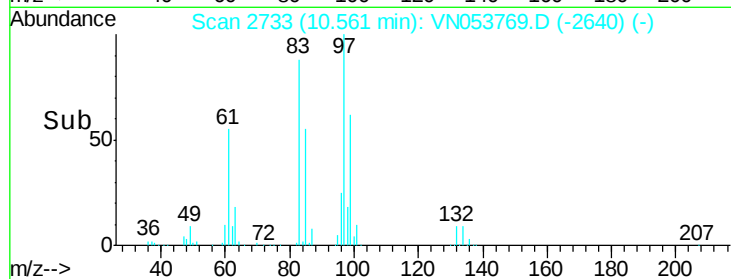
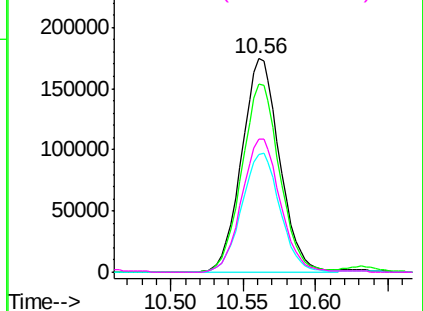
#55
 1,1,2-Trichloroethane
 Concen: 50.937 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	318322
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.1	105.1
85	55.4	45.4	68.0
99	62.3	49.8	74.8

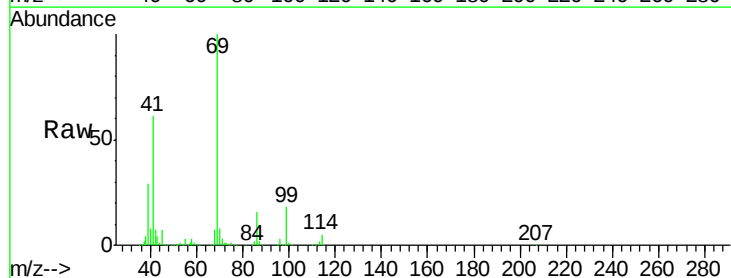


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

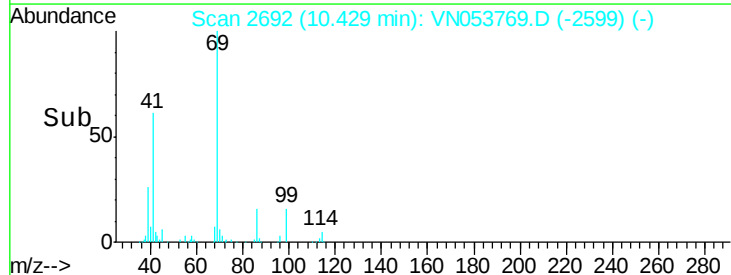
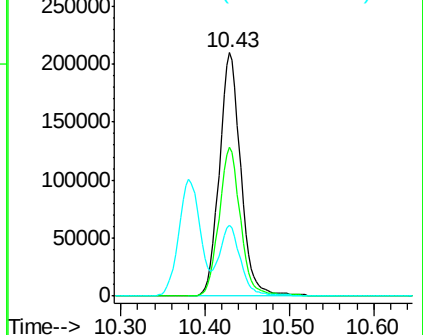


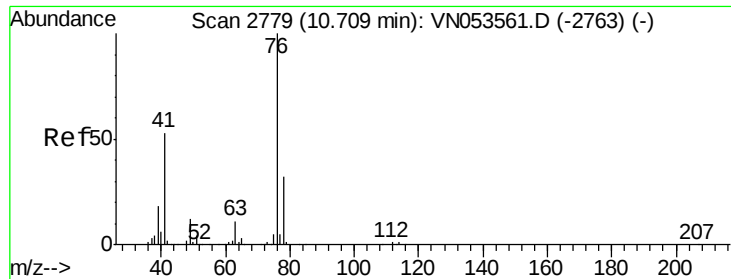
#56
 Ethyl methacrylate
 Concen: 50.024 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion:	69	Resp:	369823
Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.4	74.0
39	29.1	23.3	34.9



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

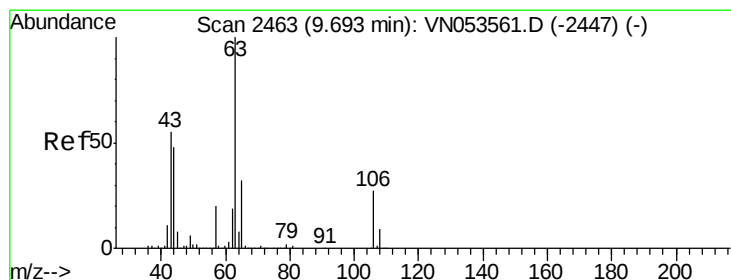
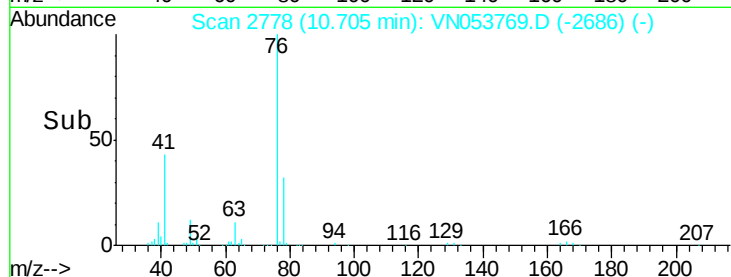
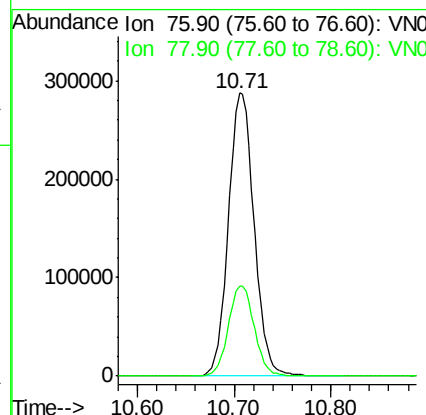
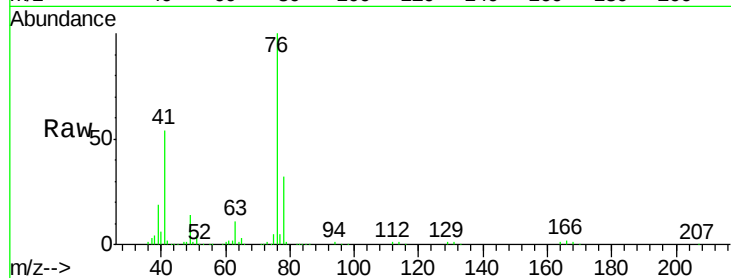




#57
 1,3-Dichloropropane
 Concen: 49.583 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

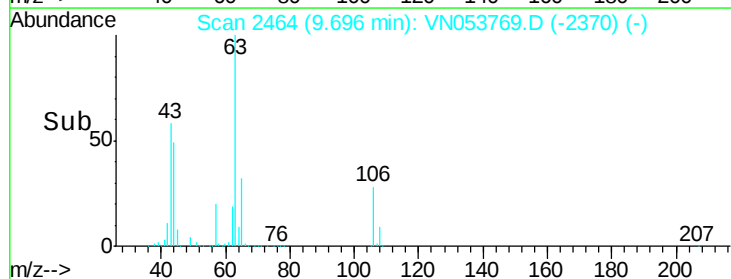
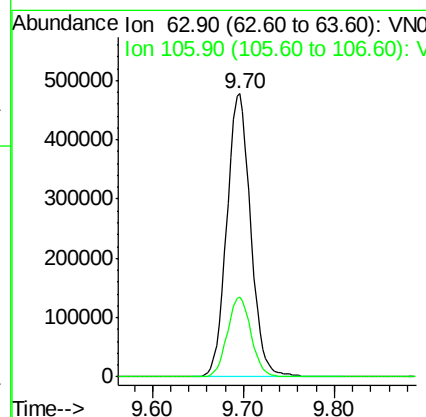
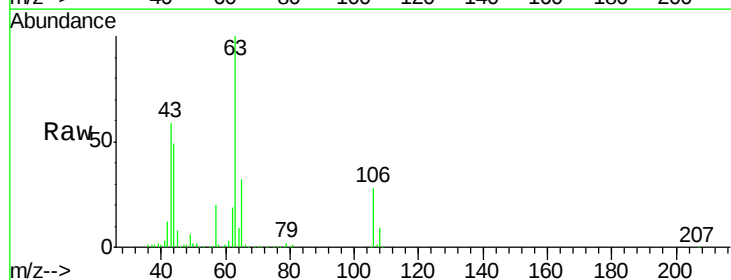
Instrument :
 MSVOA_N
 ClientSampled :

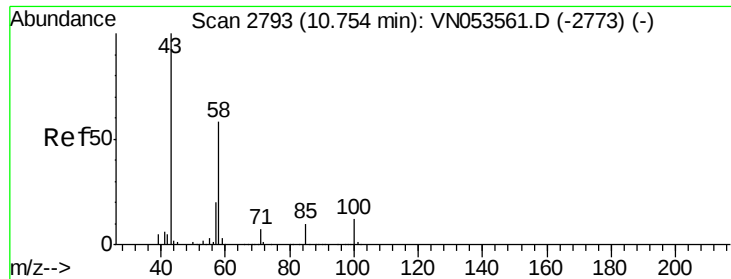
Tot Ion: 76 Resp: 529571
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 191.825 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion: 63 Resp: 870671
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.5 32.3

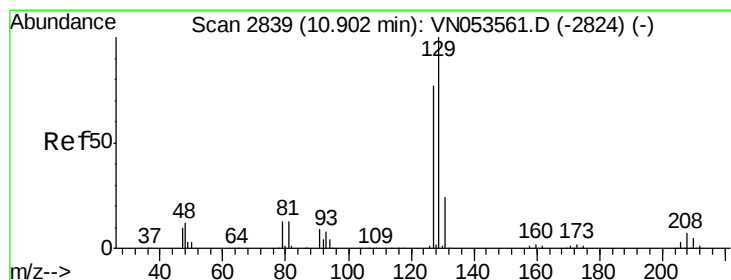
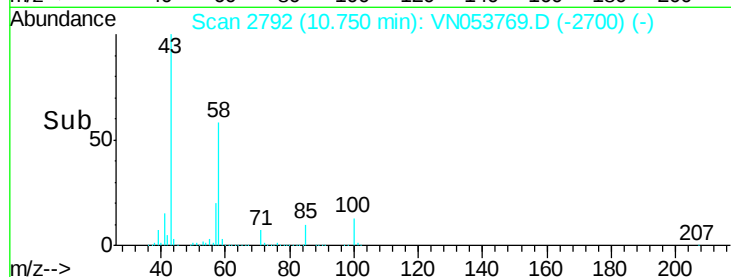
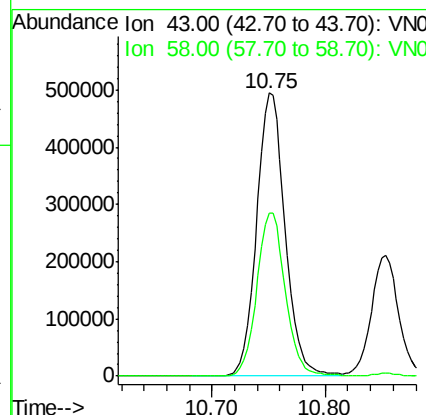
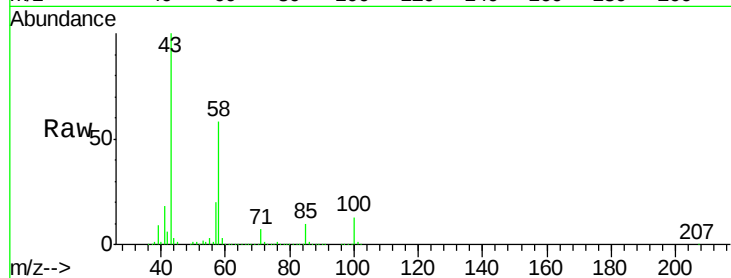




#59
2-Hexanone
Concen: 252.551 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

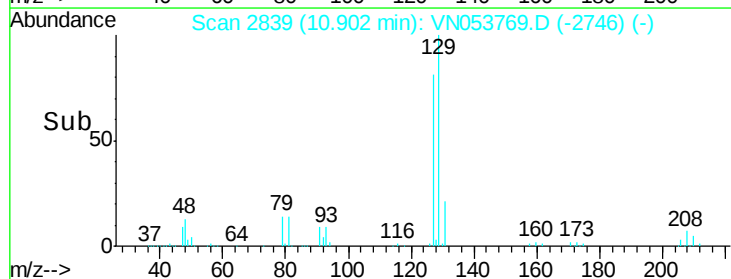
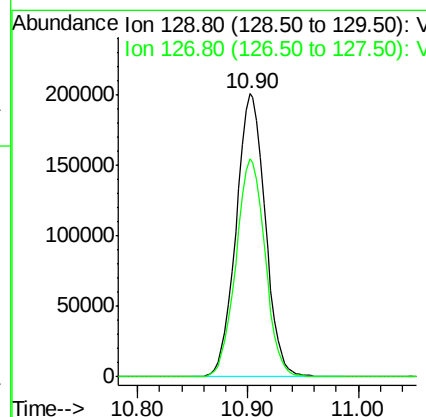
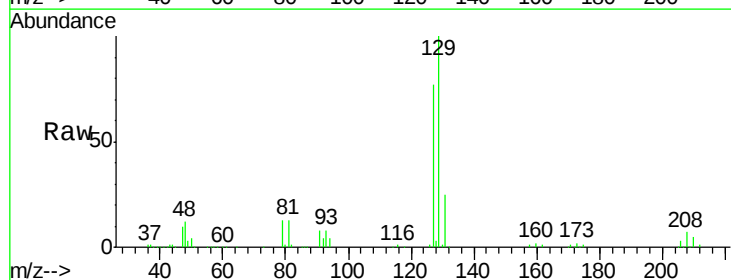
Instrument :
MSVOA_N
ClientSampleId :

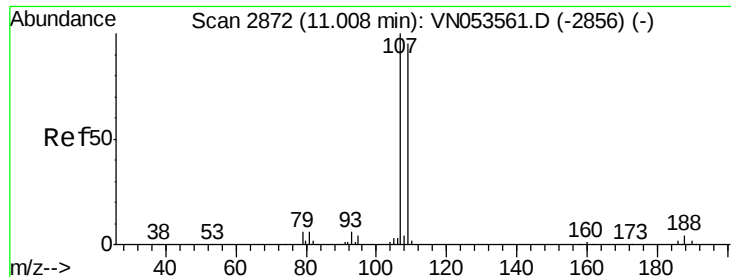
Tot Ion: 43 Resp: 861097
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.8



#60
Dibromochloromethane
Concen: 52.235 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 129 Resp: 368109
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.090 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

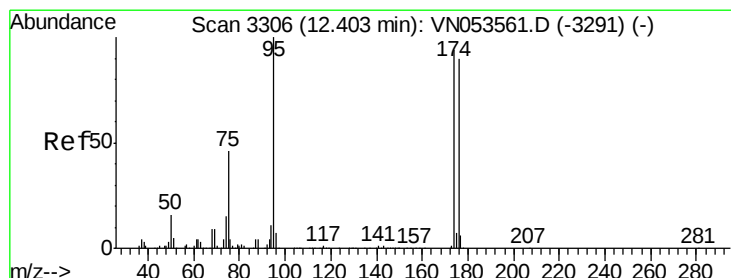
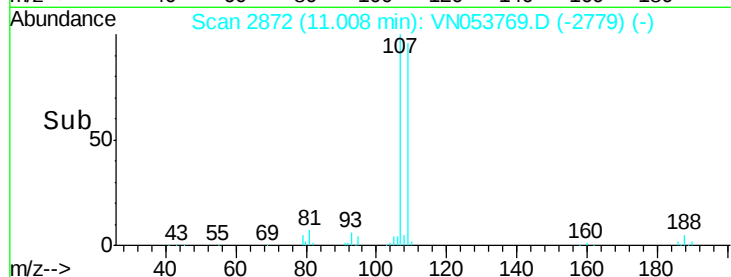
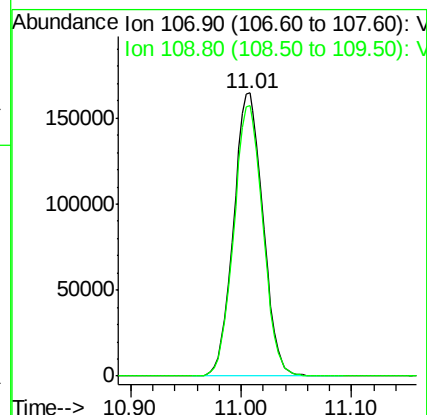
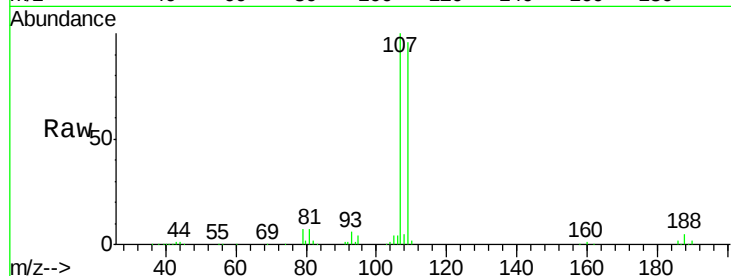
ClientSampleId :

Tot Ion:107 Resp: 303640

Ion Ratio Lower Upper

107 100

109 94.9 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 54.366 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

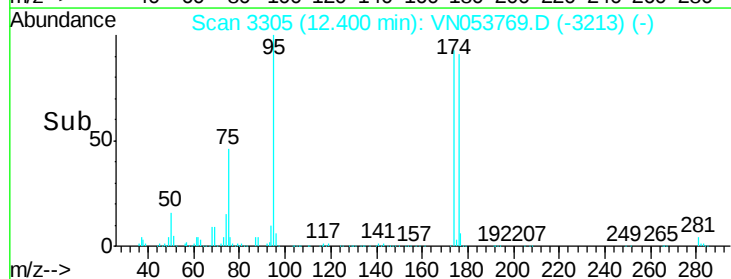
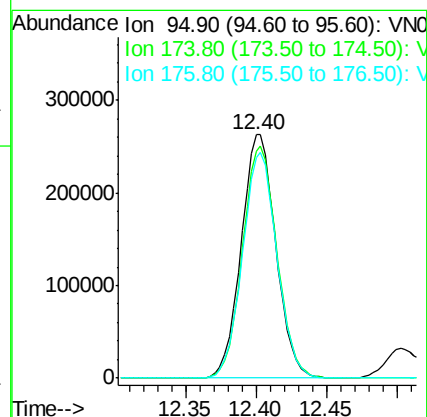
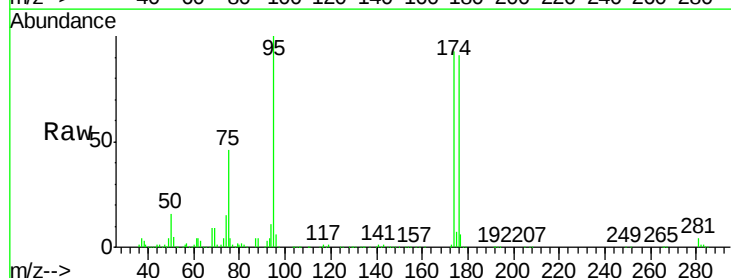
Tgt Ion: 95 Resp: 452220

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.2

176 92.2 0.0 177.4

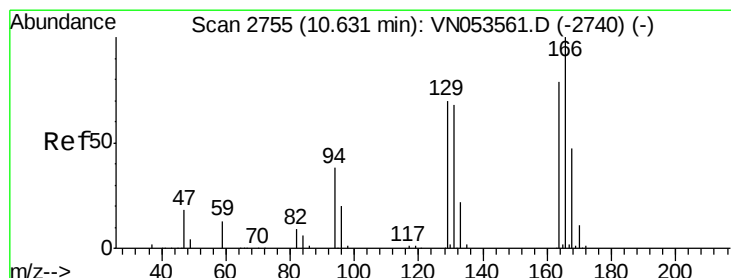
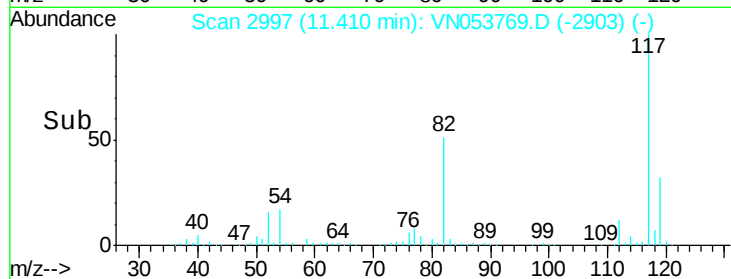
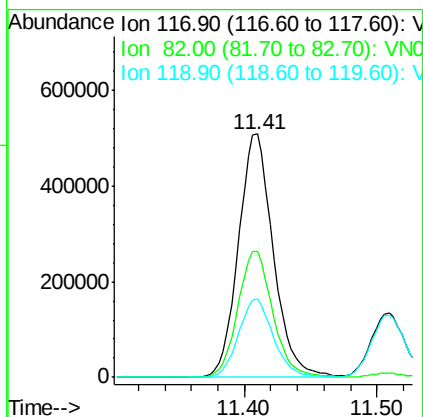
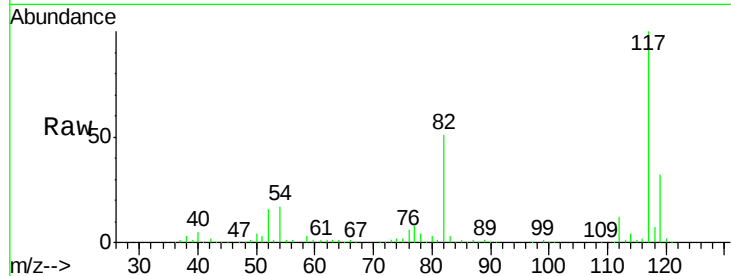




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

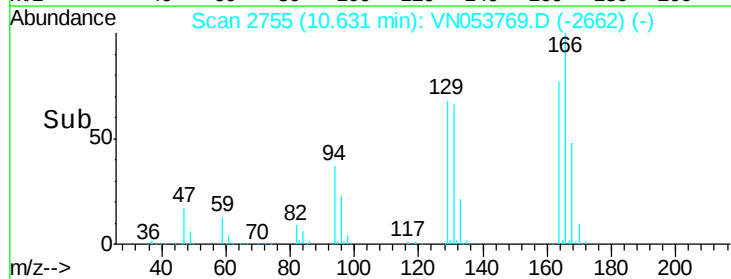
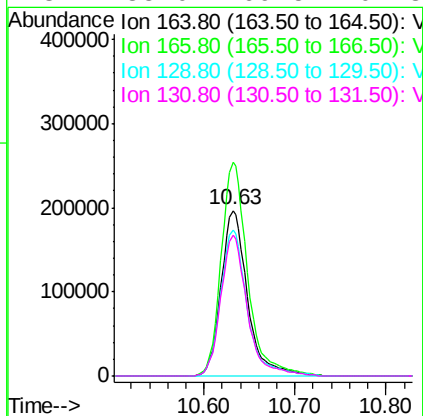
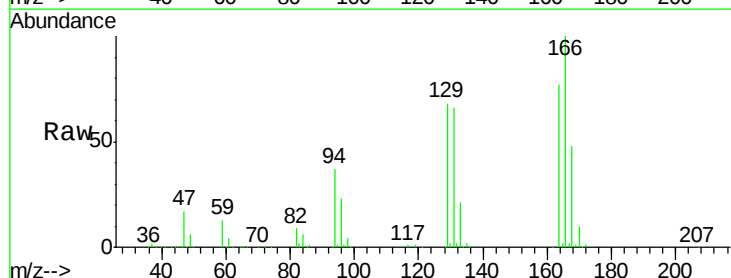
Instrument :
MSVOA_N
ClientSampleId :

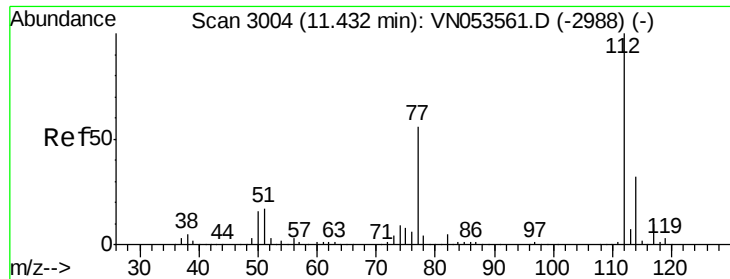
Tot Ion:117 Resp: 931025
Ion Ratio Lower Upper
117 100
82 51.5 42.9 64.3
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 49.887 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion:164 Resp: 398145
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.4
129 88.0 72.6 109.0
131 85.0 69.5 104.3

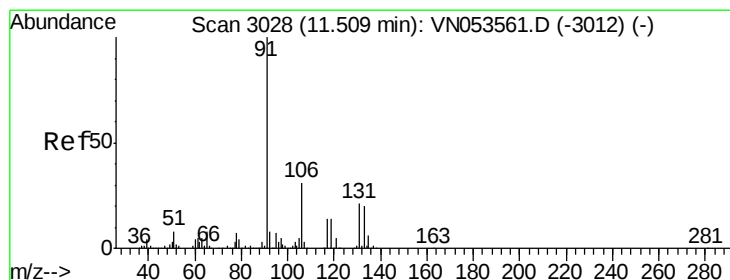
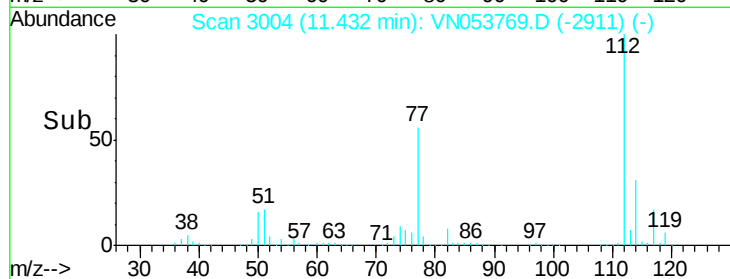
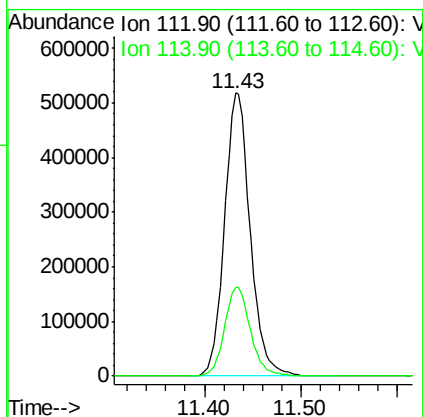
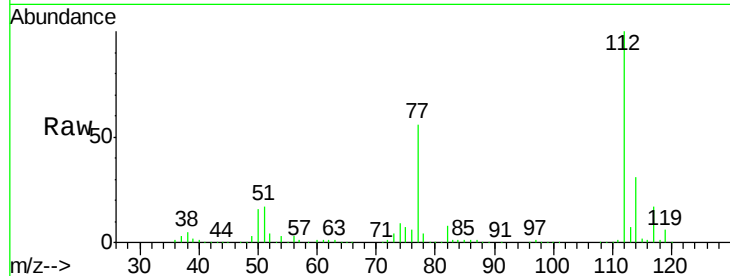




#65
Chlorobenzene
Concen: 48.077 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

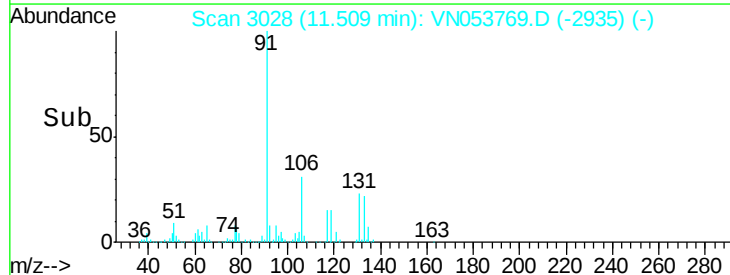
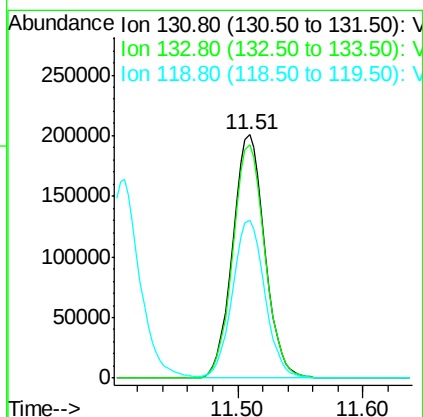
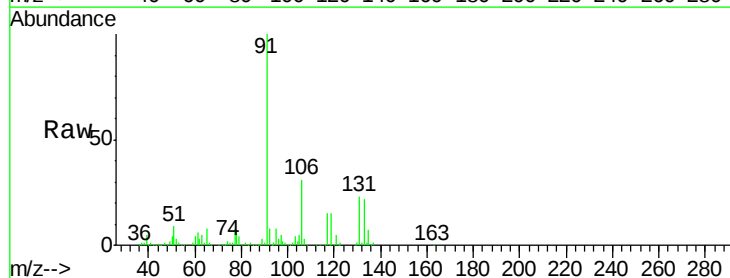
Instrument :
MSVOA_N
ClientSampled :

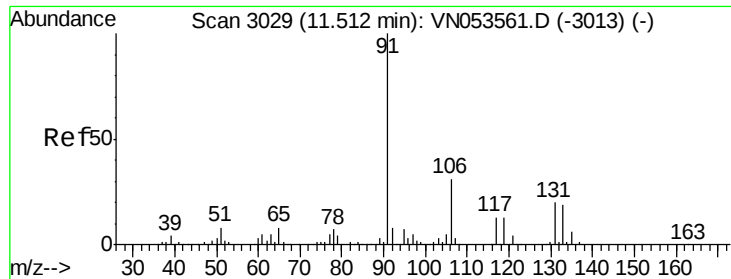
Tot Ion:112 Resp: 950774
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.708 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion:131 Resp: 357125
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 65.5 33.5 100.5

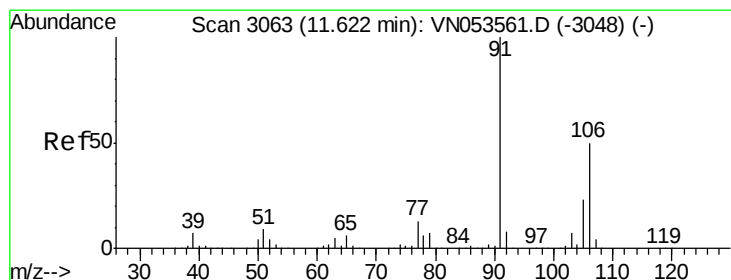
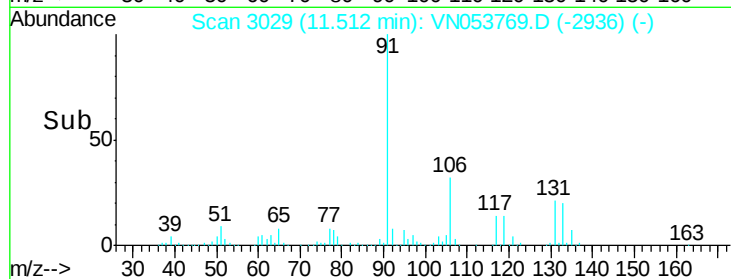
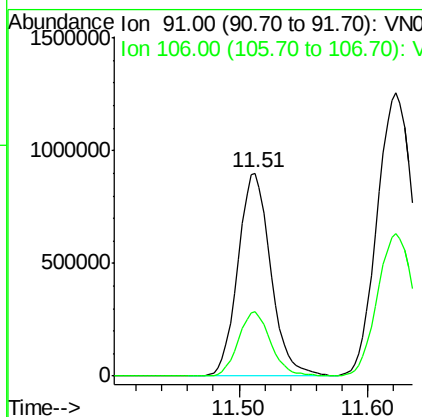
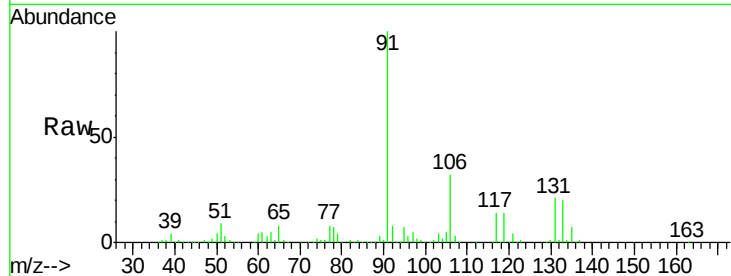




#67
Ethyl Benzene
Concen: 49.180 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

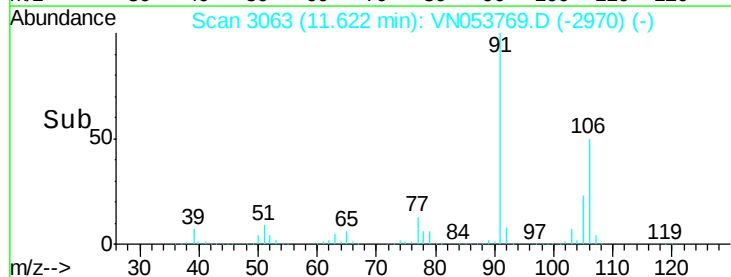
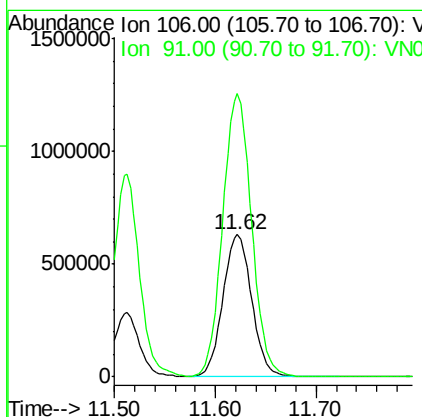
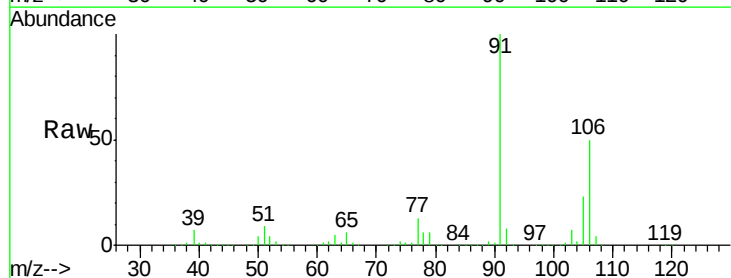
Instrument :
MSVOA_N
ClientSampled :

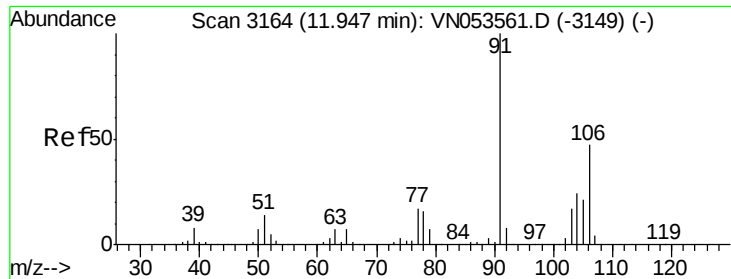
Tot Ion: 91 Resp: 1597641
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 102.026 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 106 Resp: 1264982
Ion Ratio Lower Upper
106 100
91 198.6 161.4 242.2

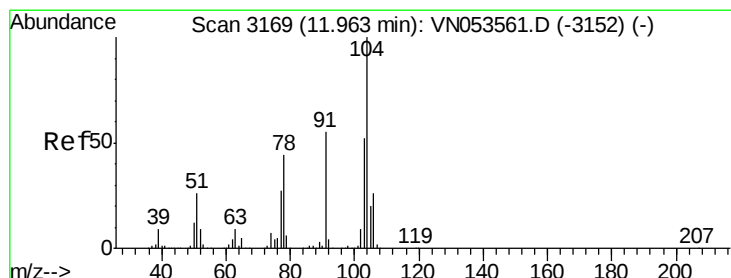
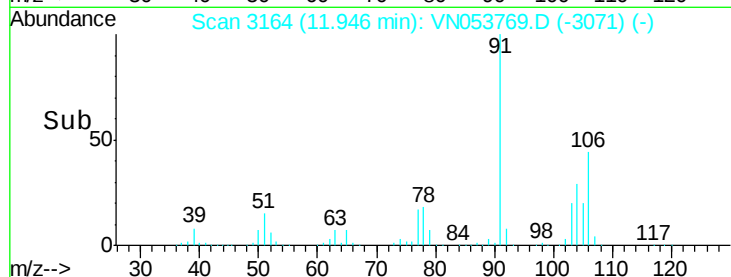
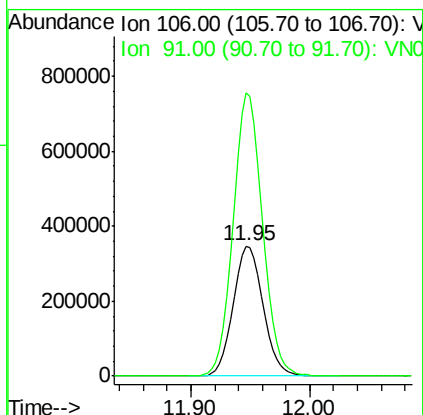
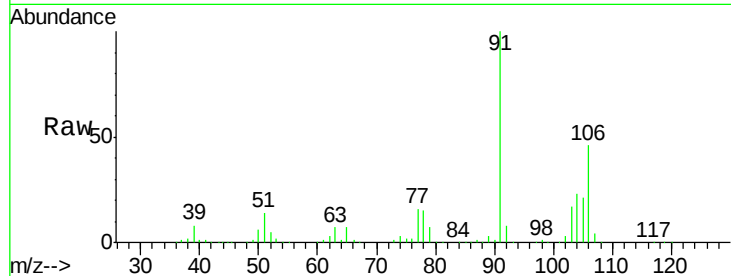




#69
o-Xylene
Concen: 50.515 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

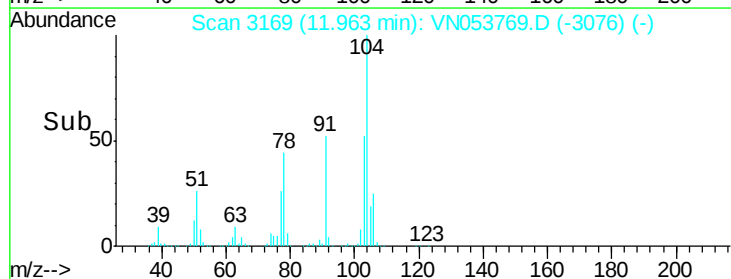
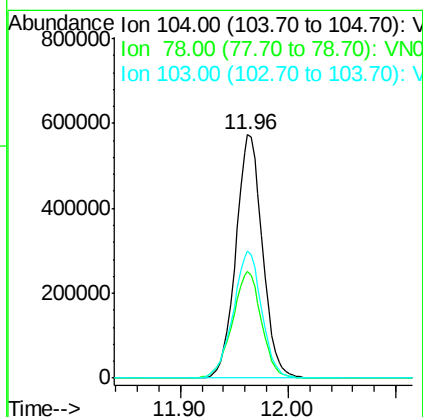
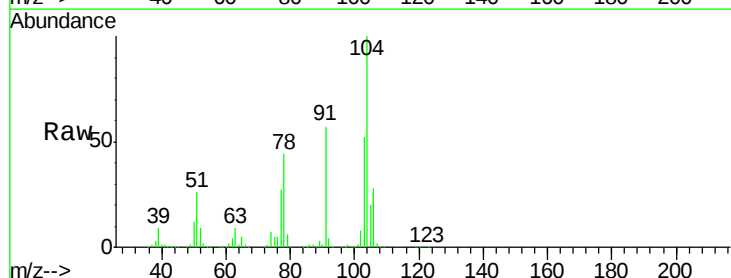
Instrument :
MSVOA_N
ClientSampled :

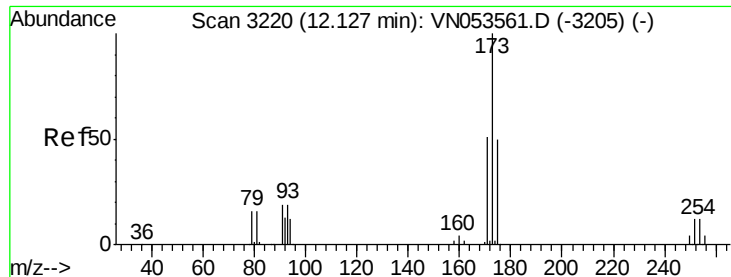
Tot Ion:106 Resp: 605081
Ion Ratio Lower Upper
106 100
91 213.3 106.9 320.8



#70
Styrene
Concen: 50.856 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion:104 Resp: 987341
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.7 44.4 66.6





#71

Bromoform

Concen: 54.684 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

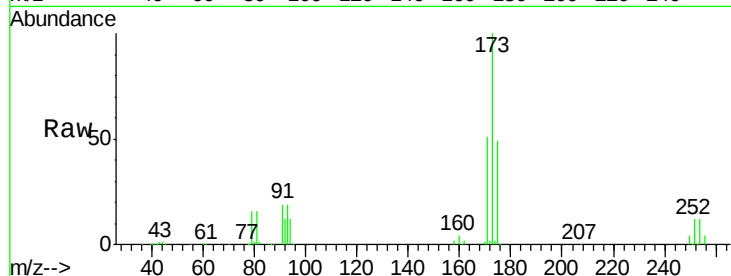
Tot Ion:173 Resp: 258928

Ion Ratio Lower Upper

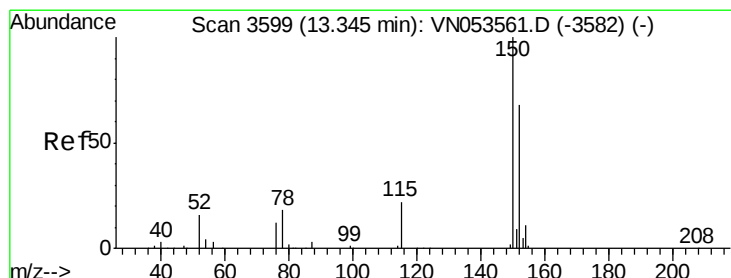
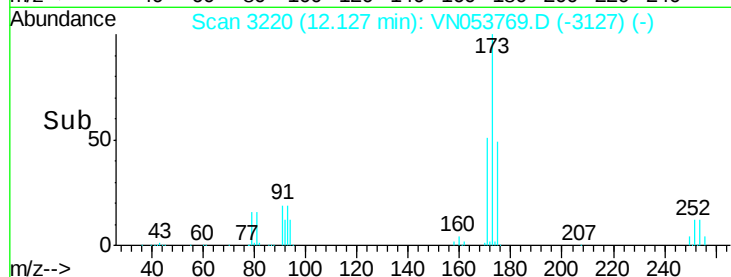
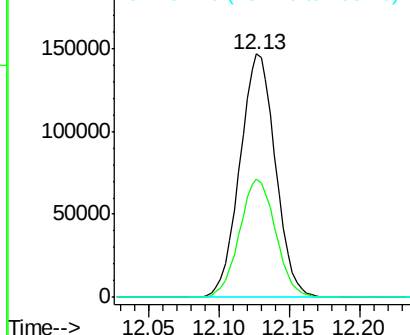
173 100

175 49.4 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

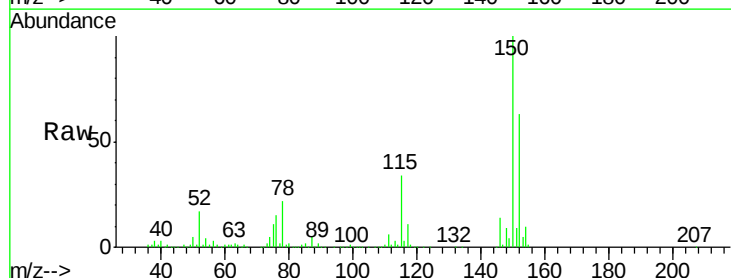
Tgt Ion:152 Resp: 461540

Ion Ratio Lower Upper

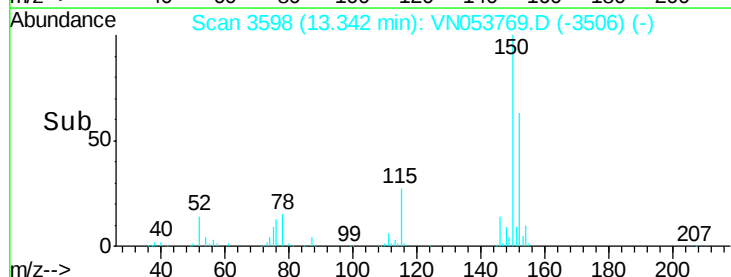
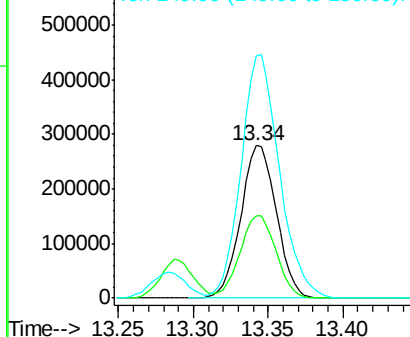
152 100

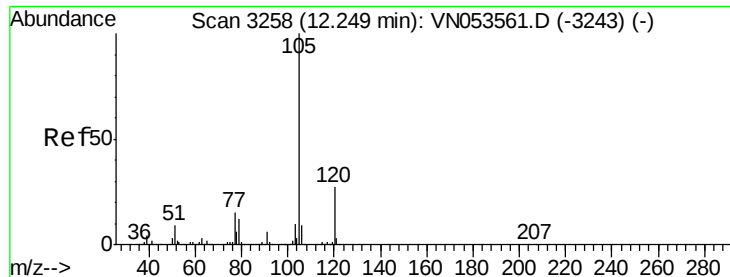
115 54.8 27.8 83.4

150 172.1 0.0 349.0



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: 49.183 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

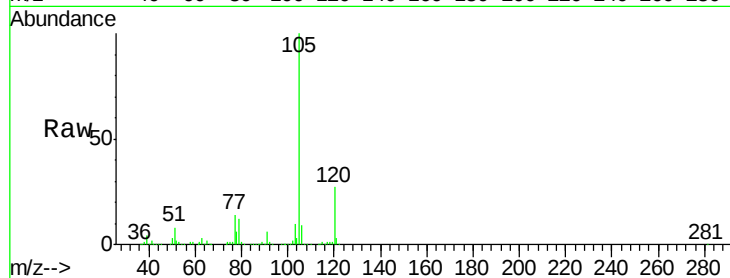
ClientSampleId :

Tot Ion:105 Resp: 1595784

Ion Ratio Lower Upper

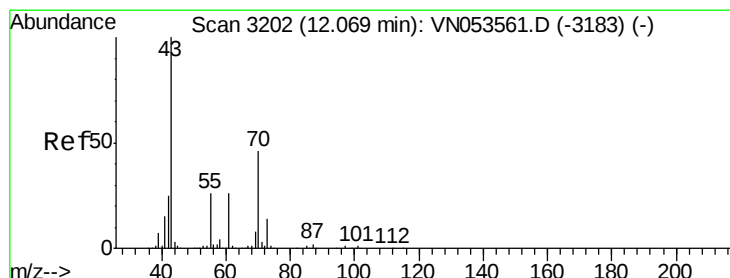
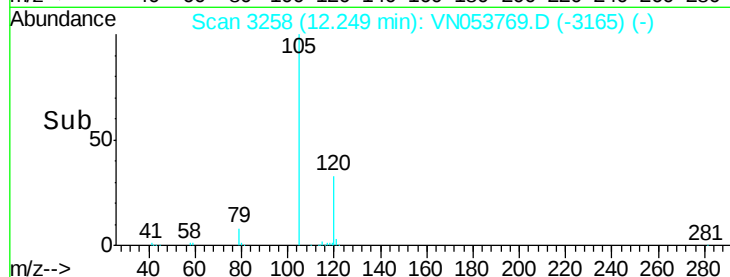
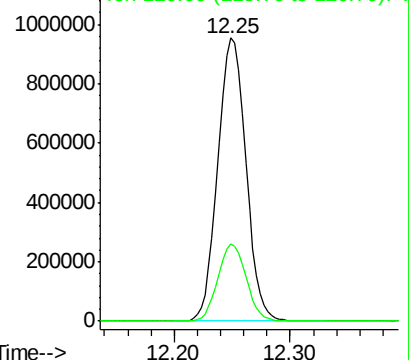
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.050 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Tgt Ion: 43 Resp: 374893

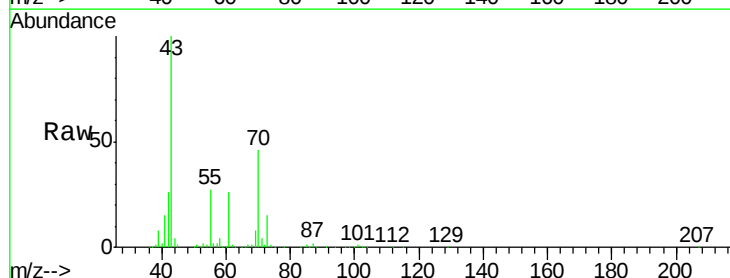
Ion Ratio Lower Upper

43 100

70 46.3 35.4 53.2

55 27.0 20.9 31.3

61 25.9 20.5 30.7

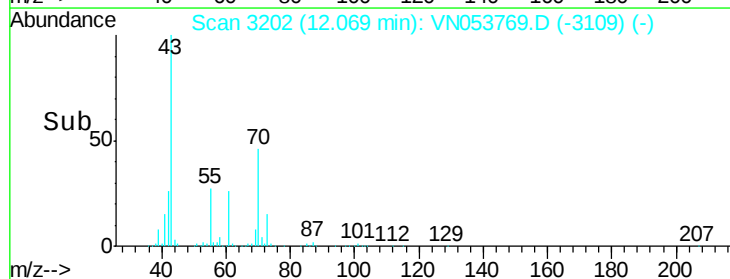
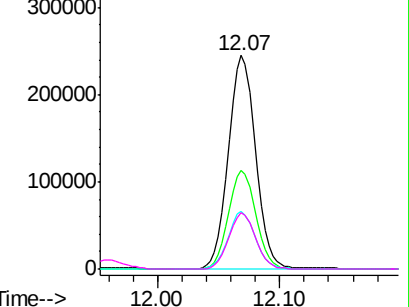


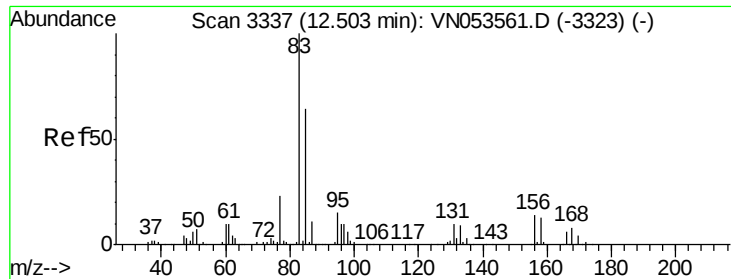
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.481 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

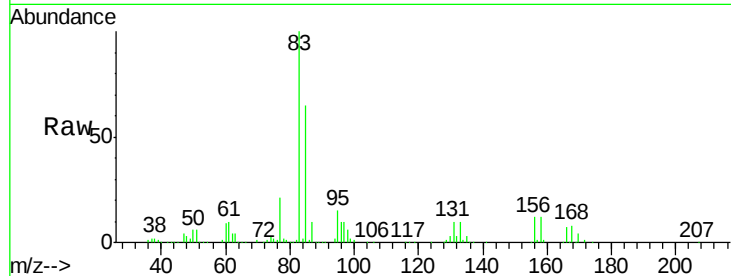
Tot Ion: 83 Resp: 368691

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

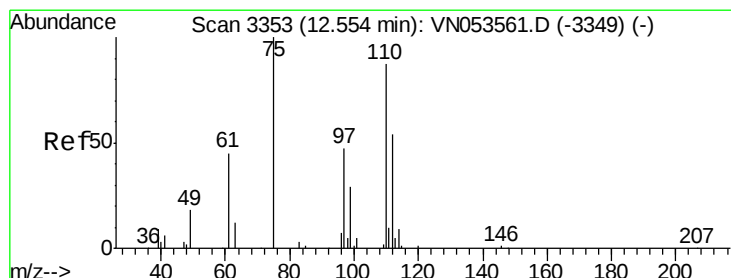
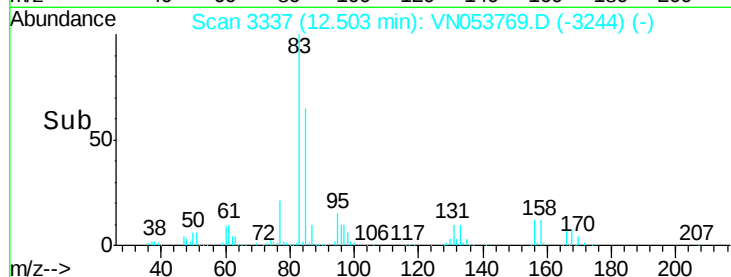
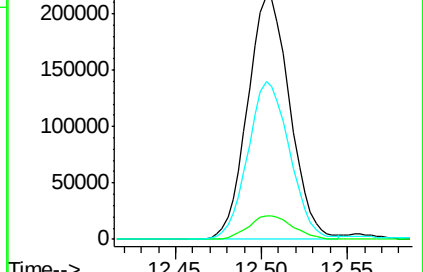
85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053769.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053769.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053769.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 76.550 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053769.D

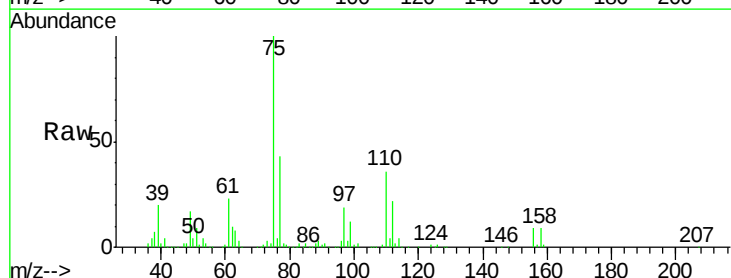
Acq: 14 Feb 2019 10:16

Tgt Ion: 75 Resp: 453804

Ion Ratio Lower Upper

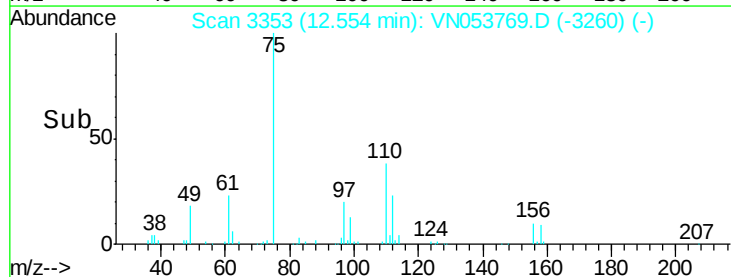
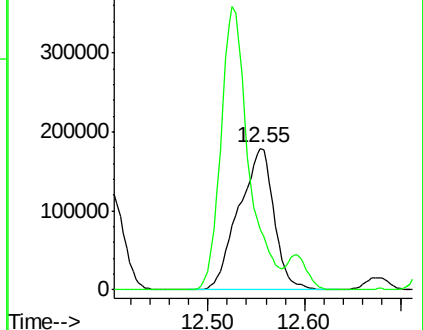
75 100

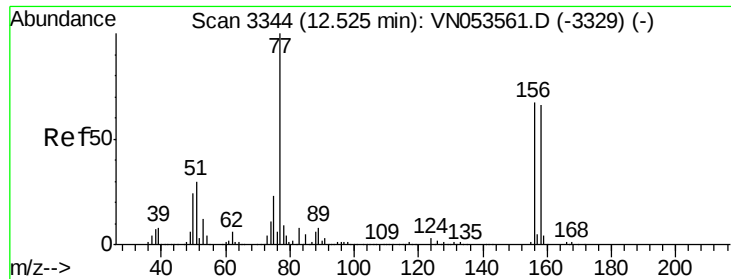
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053769.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053769.D (-3260) (-)

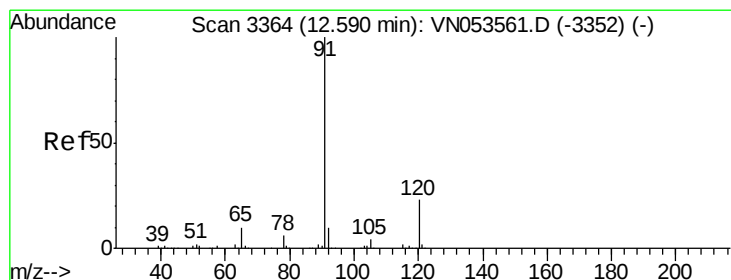
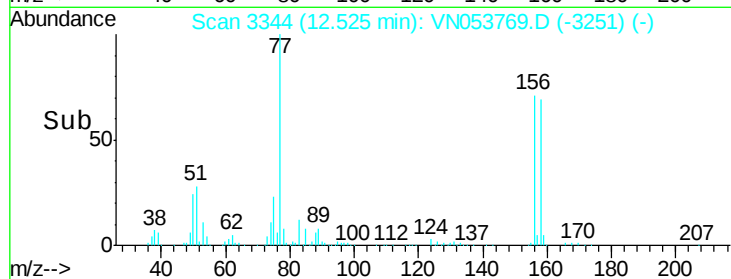
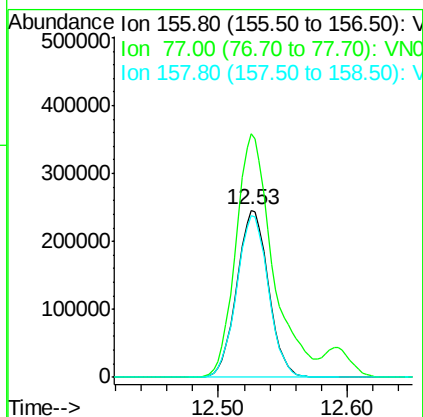
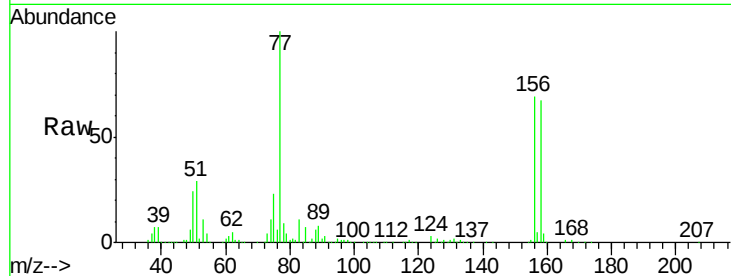




#77
Bromobenzene
Concen: 48.087 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

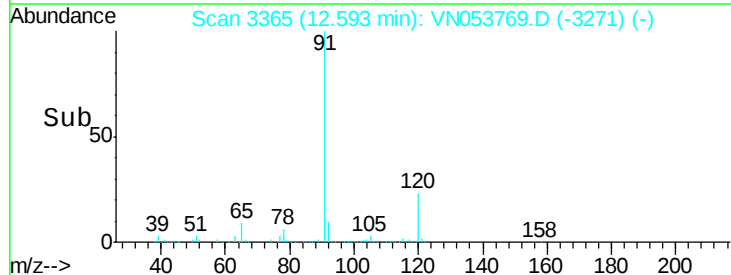
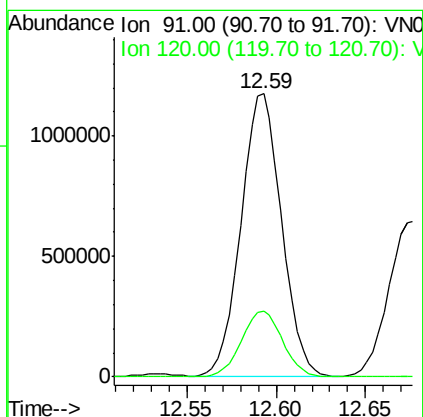
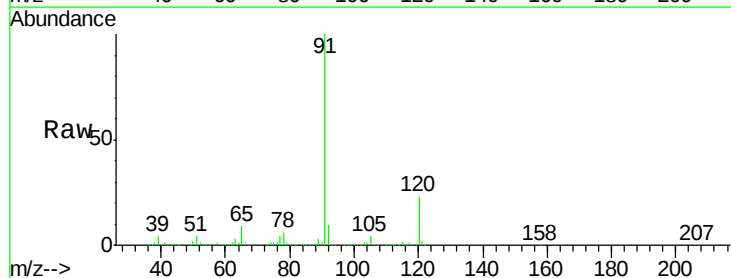
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 420490
Ion Ratio Lower Upper
156 100
77 170.2 87.9 263.8
158 97.4 48.8 146.4



#78
n-propylbenzene
Concen: 49.613 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 91 Resp: 1860878
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.113 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

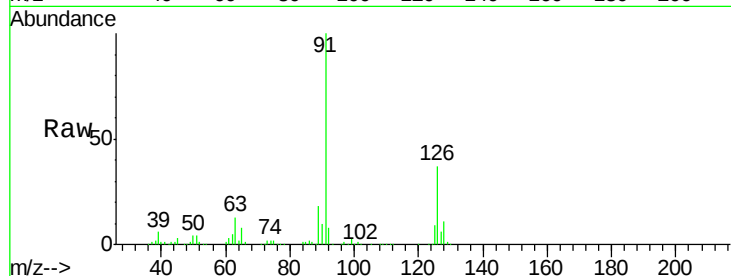
ClientSampled :

Tot Ion: 91 Resp: 1092876

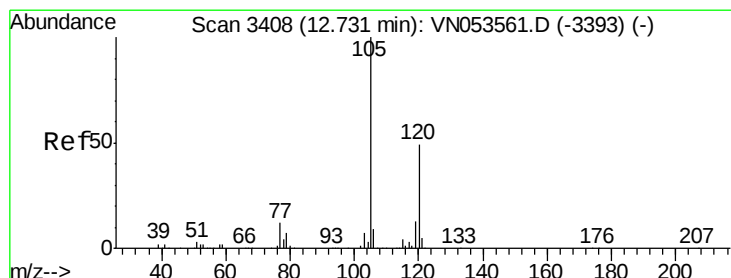
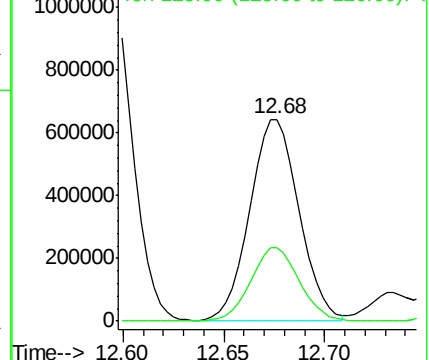
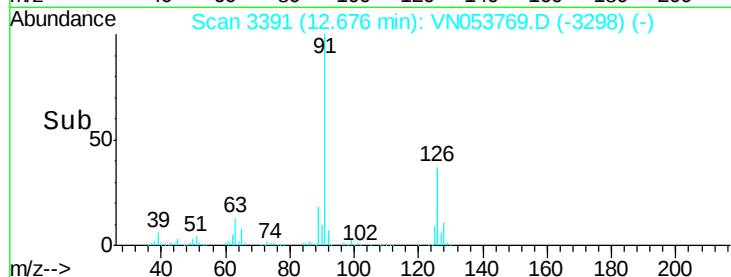
Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053769.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.051 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053769.D

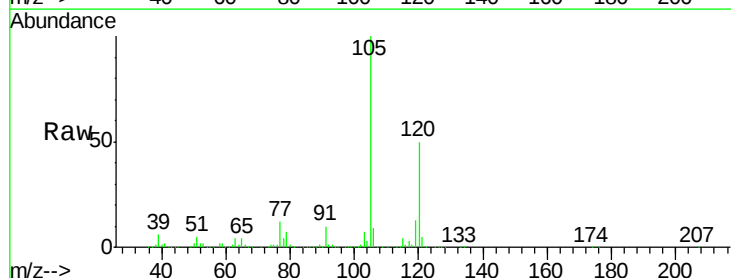
Acq: 14 Feb 2019 10:16

Tgt Ion: 105 Resp: 1400460

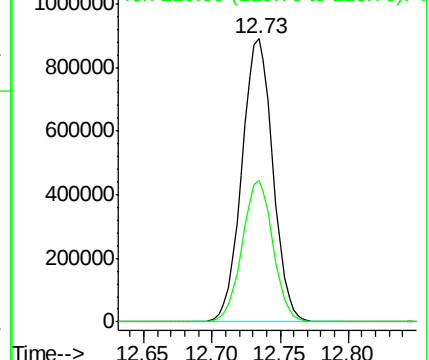
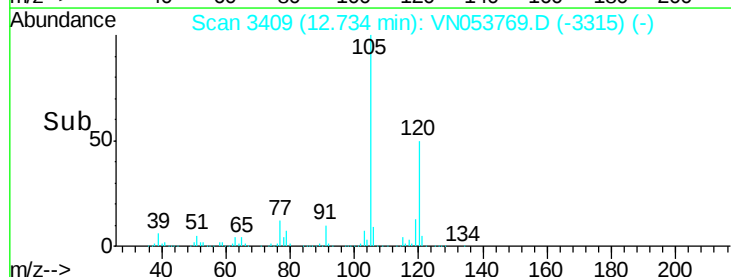
Ion Ratio Lower Upper

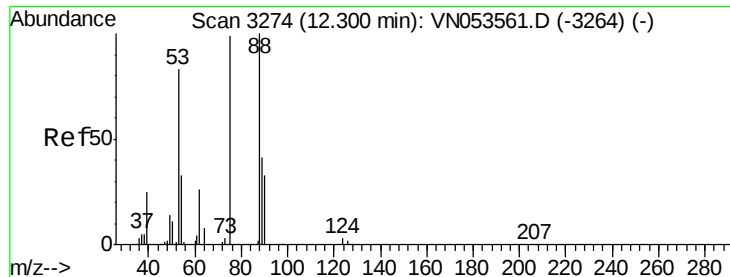
105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053769.D (-3315) (-)

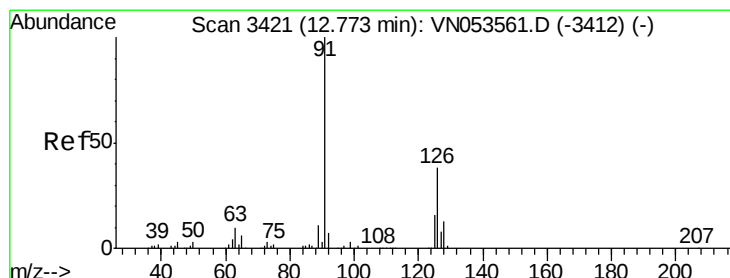
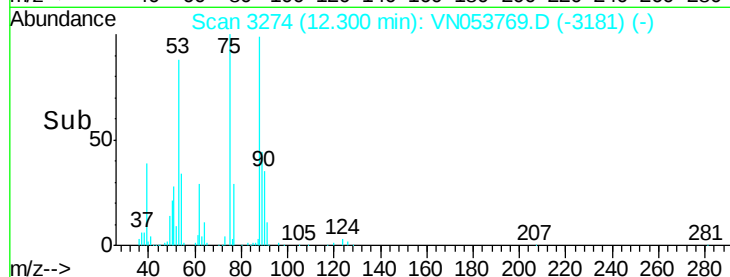
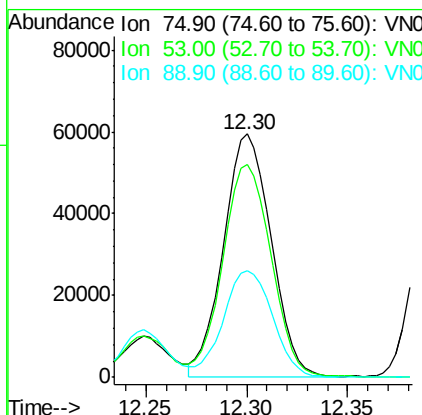
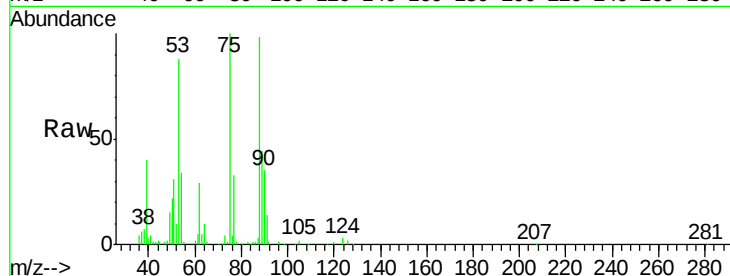




#81
trans-1,4-Dichloro-2-butene
Concen: 46.867 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

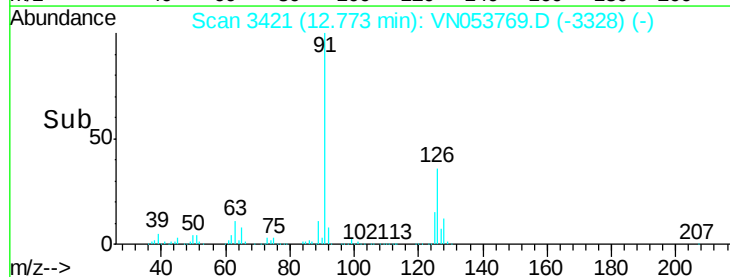
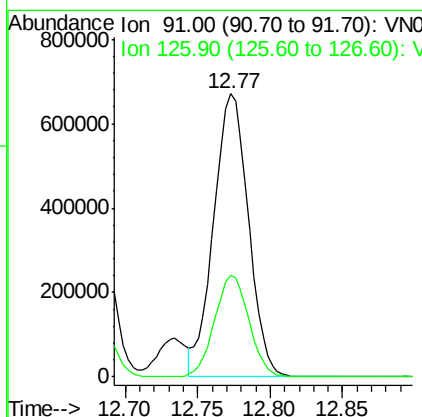
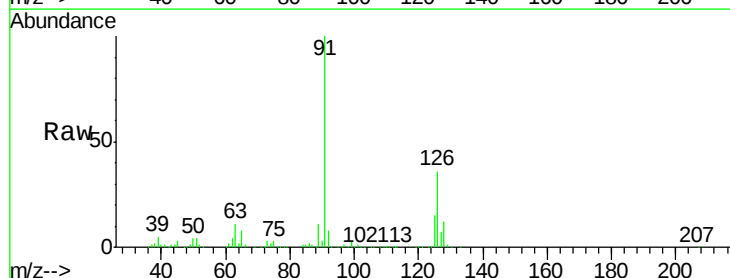
Instrument :
MSVOA_N
ClientSampleId :

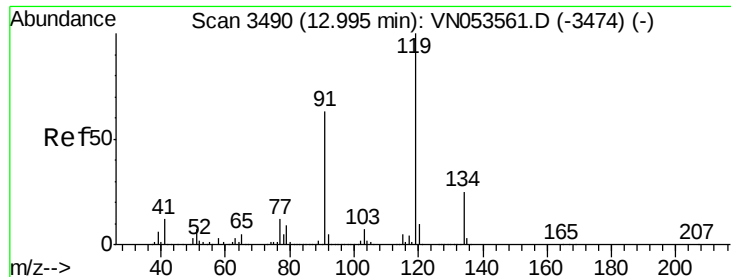
Tot Ion: 75 Resp: 98807
Ion Ratio Lower Upper
75 100
53 89.7 69.8 104.6
89 45.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 48.775 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion: 91 Resp: 1113742
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9

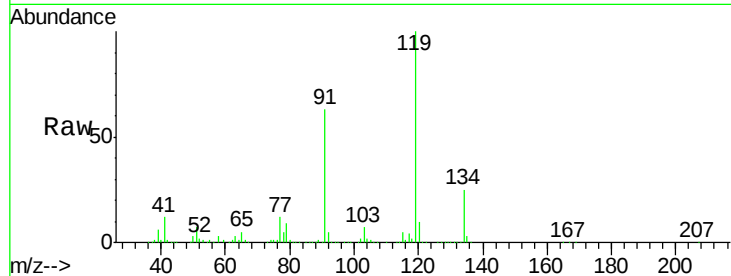




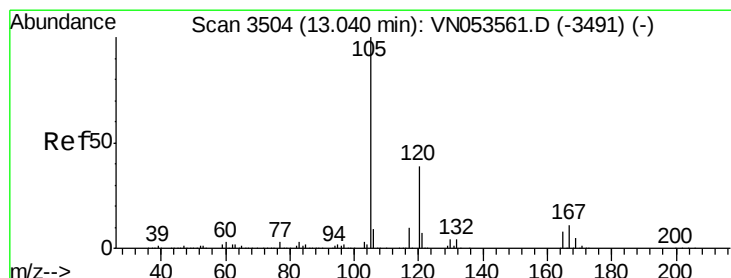
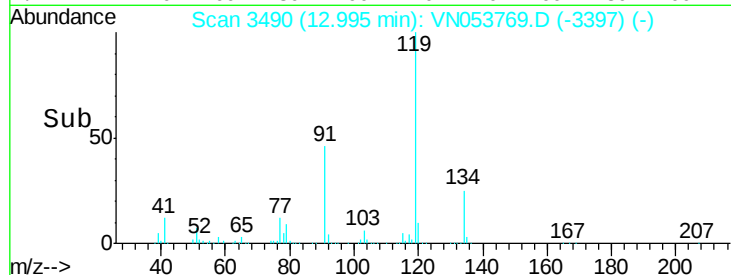
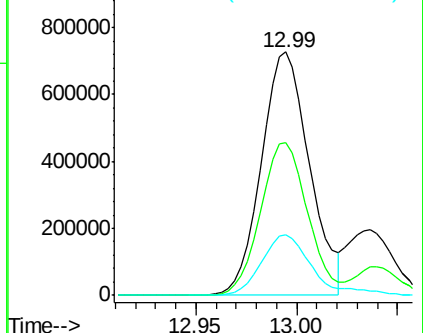
#83
tert-Butylbenzene
Concen: 50.875 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1209786
Ion Ratio Lower Upper
119 100
91 61.0 31.3 93.8
134 26.2 12.9 38.7

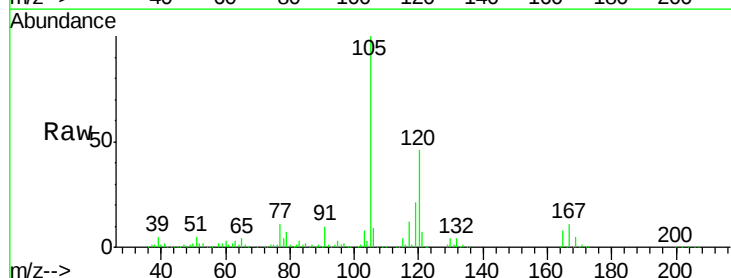


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

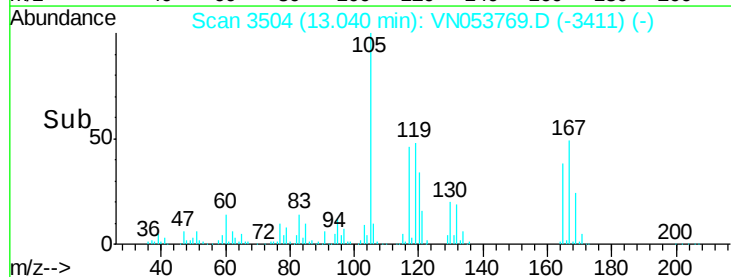
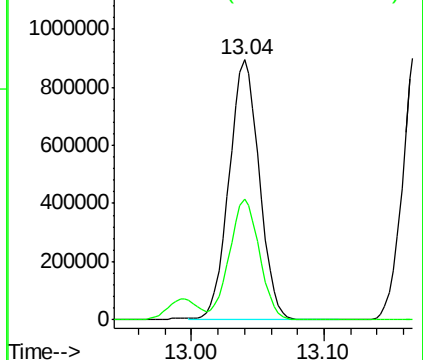


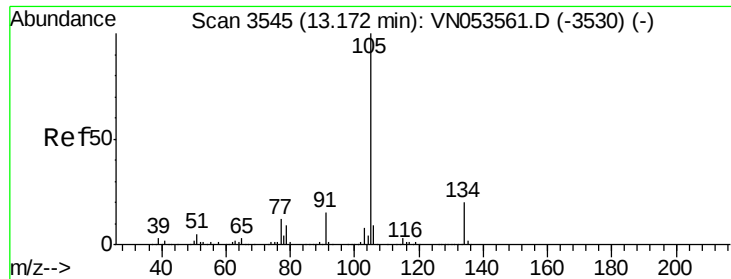
#84
1,2,4-Trimethylbenzene
Concen: 51.531 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053769.D
Acq: 14 Feb 2019 10:16

Tgt Ion:105 Resp: 1412539
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 51.195 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

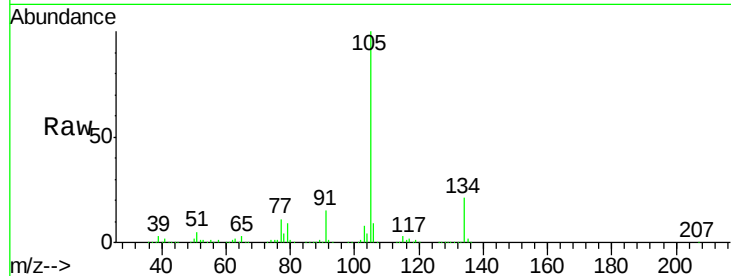
ClientSampled :

Tot Ion:105 Resp: 1656629

Ion Ratio Lower Upper

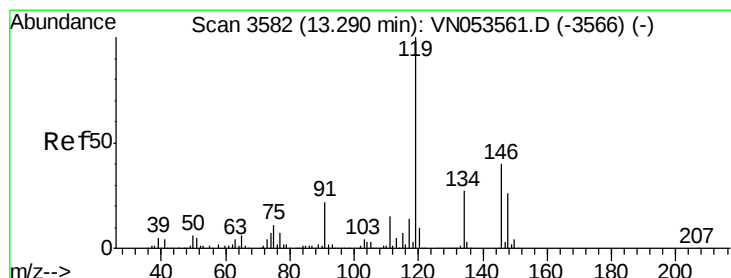
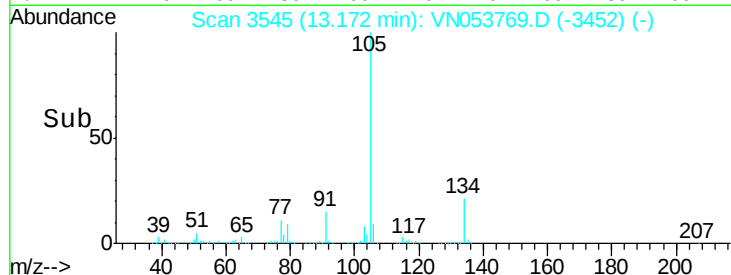
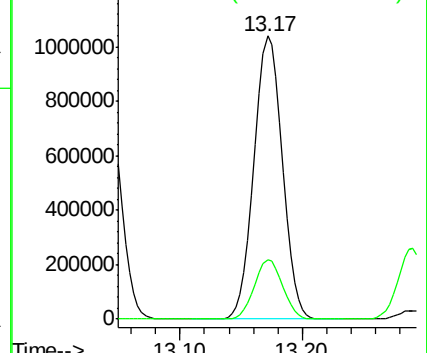
105 100

134 20.9 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.266 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

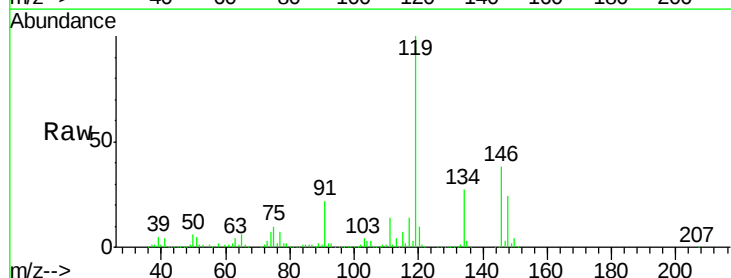
Tgt Ion:119 Resp: 1479191

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

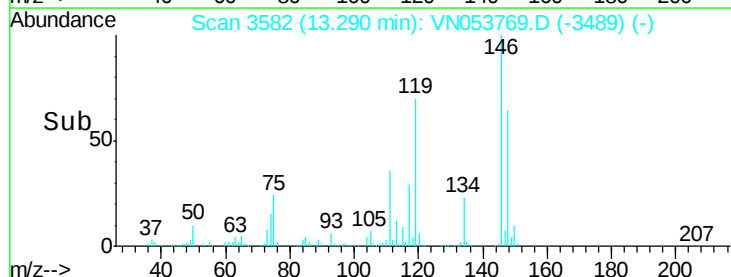
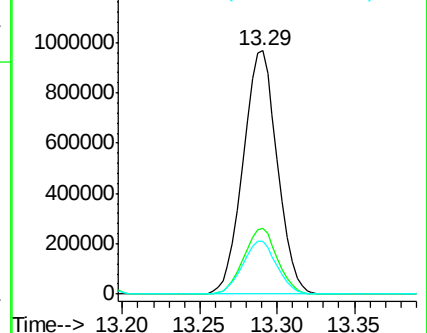
91 21.8 11.0 33.0



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

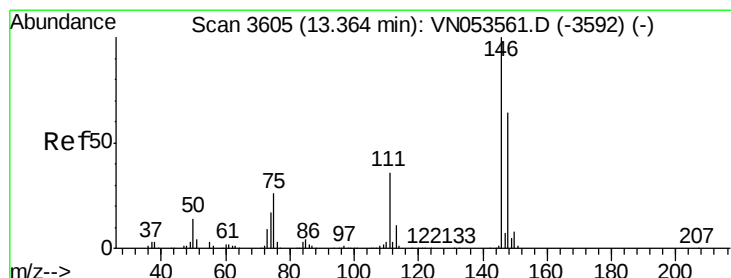
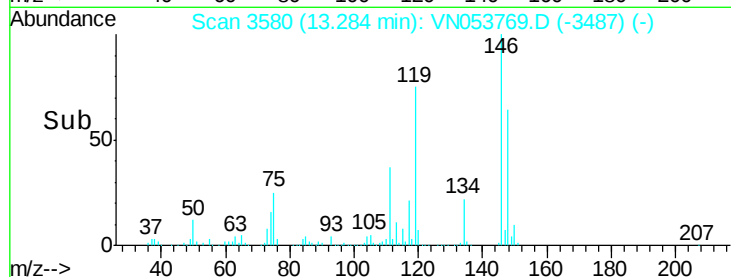
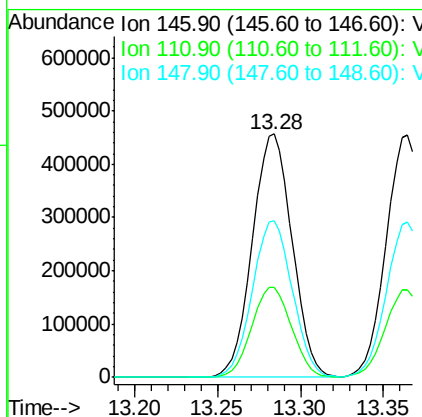
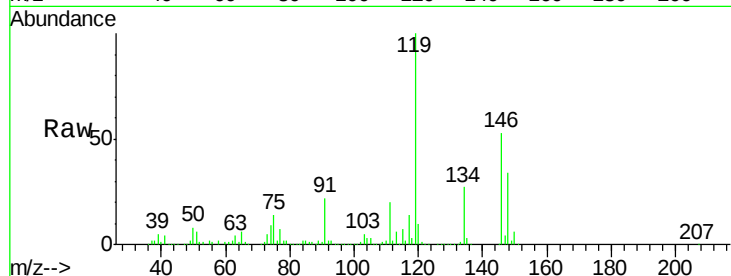




#87
 1,3-Dichlorobenzene
 Concen: 48.508 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

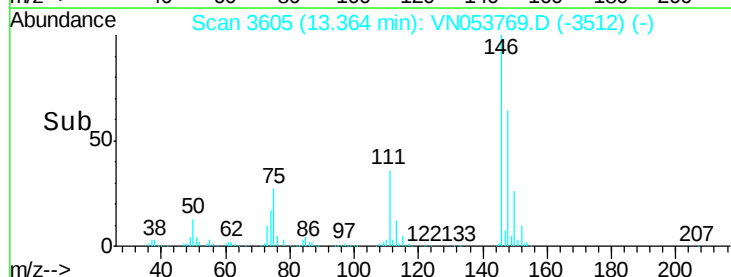
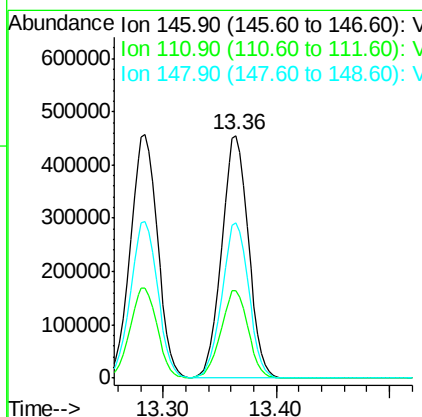
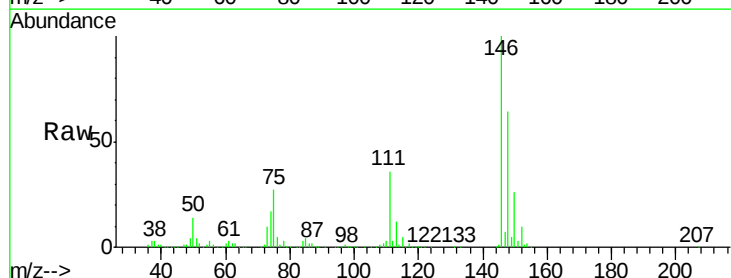
Instrument :
 MSVOA_N
 ClientSampleId :

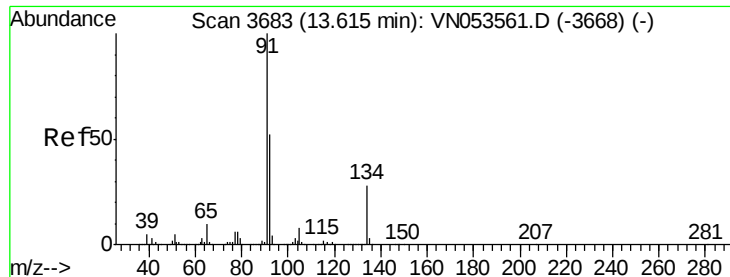
Tot Ion:146 Resp: 762509
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.3
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.979 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion:146 Resp: 746035
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 51.364 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

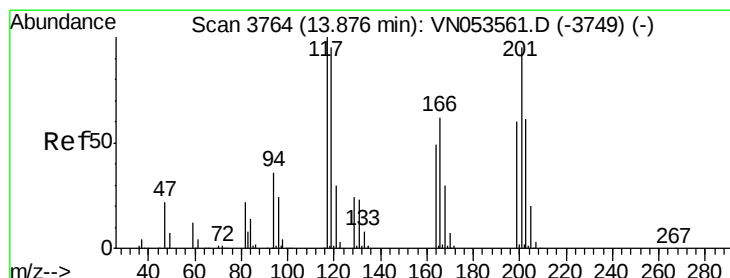
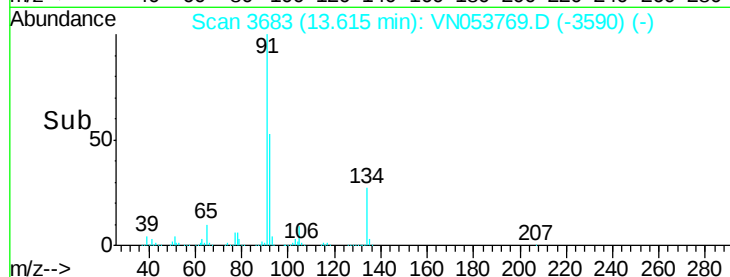
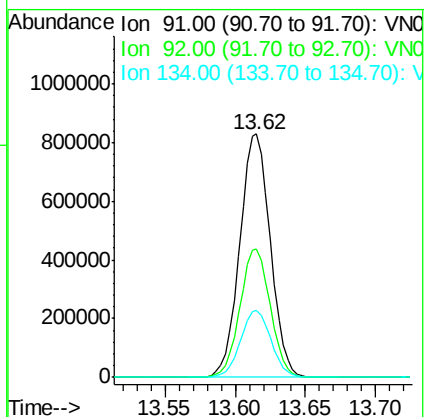
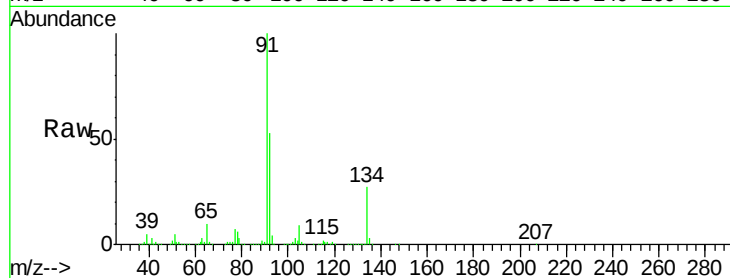
Tot Ion: 91 Resp: 1258241

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.8

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 53.104 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN053769.D

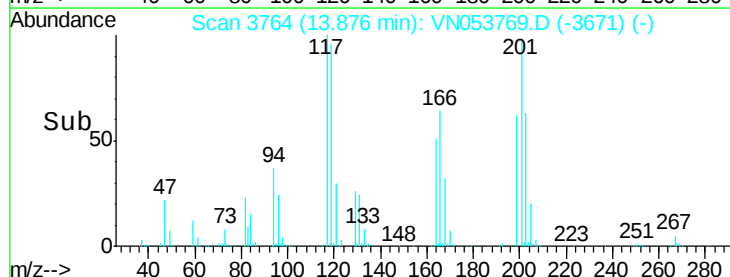
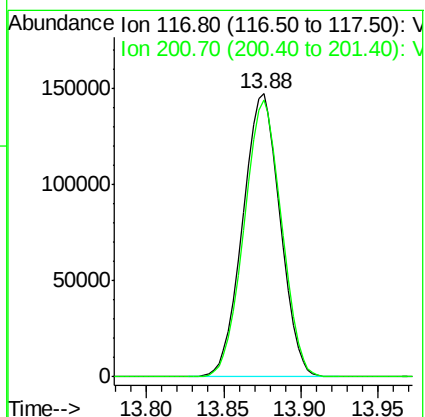
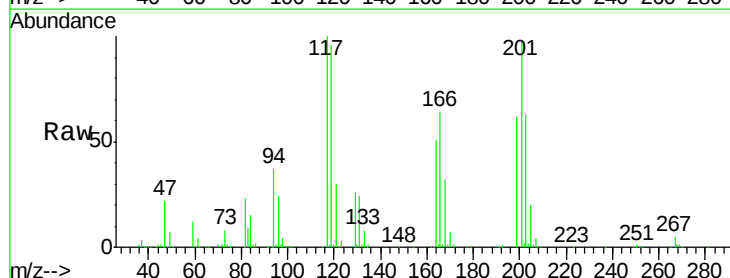
Acq: 14 Feb 2019 10:16

Tgt Ion: 117 Resp: 247899

Ion Ratio Lower Upper

117 100

201 97.7 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 49.472 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

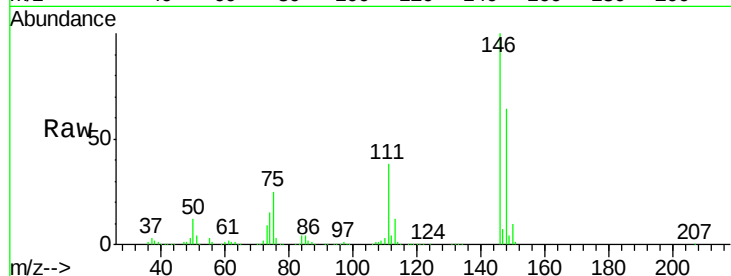
Tot Ion:146 Resp: 744498

Ion Ratio Lower Upper

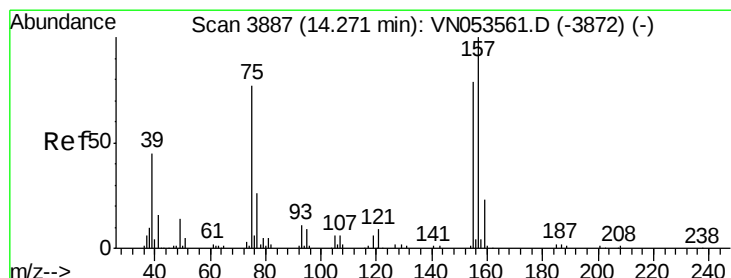
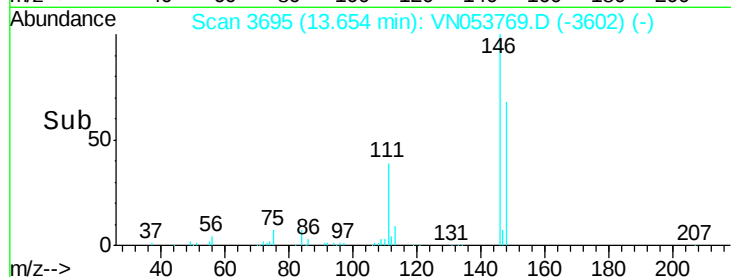
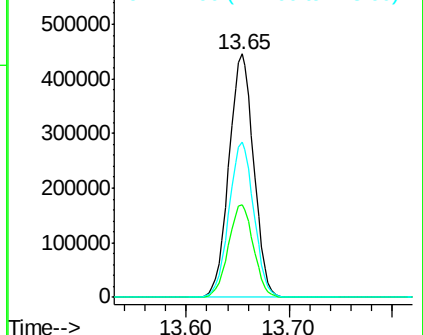
146 100

111 38.4 19.5 58.5

148 64.2 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.604 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

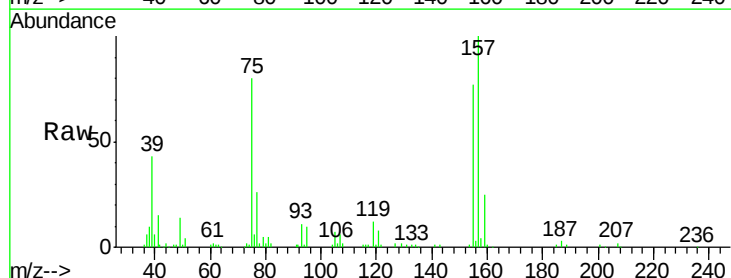
Tgt Ion: 75 Resp: 53788

Ion Ratio Lower Upper

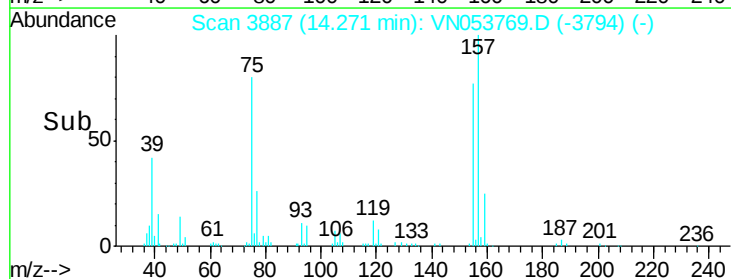
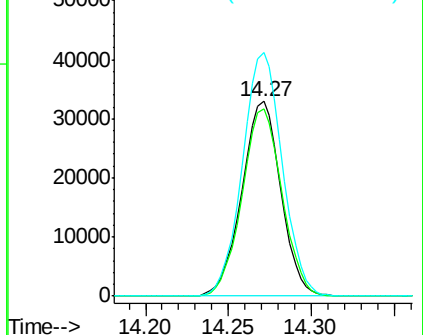
75 100

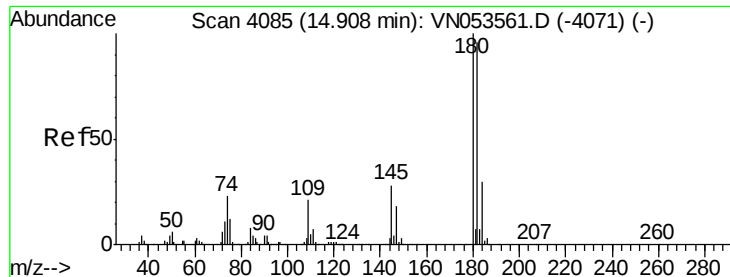
155 98.4 48.9 146.7

157 128.0 63.7 191.3



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

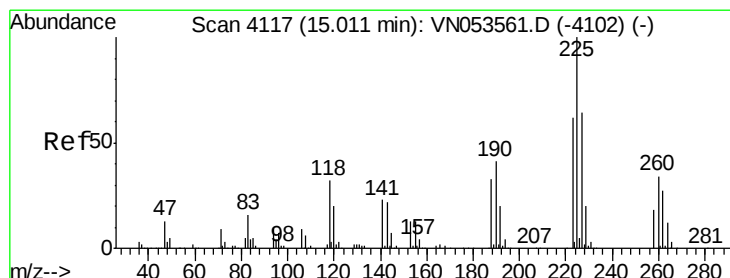
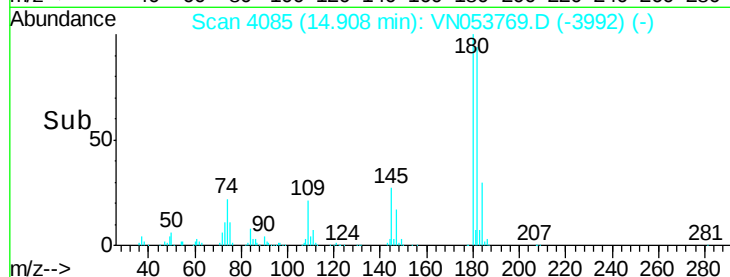
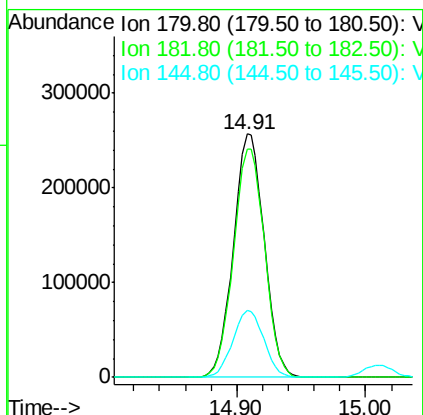
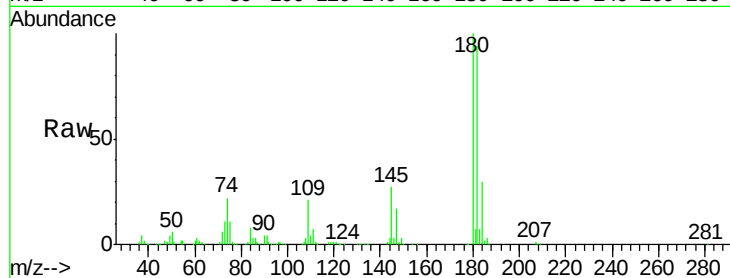




#93
 1,2,4-Trichlorobenzene
 Concen: 49.228 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

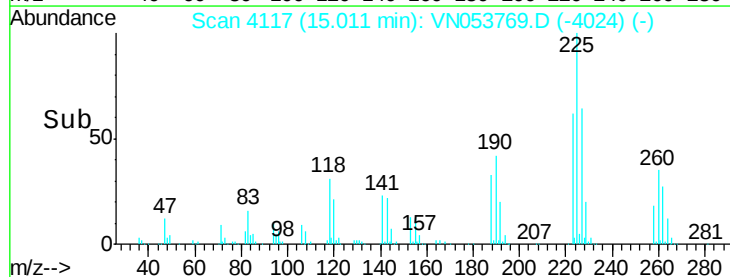
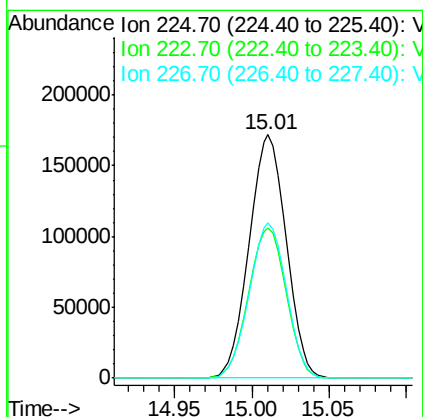
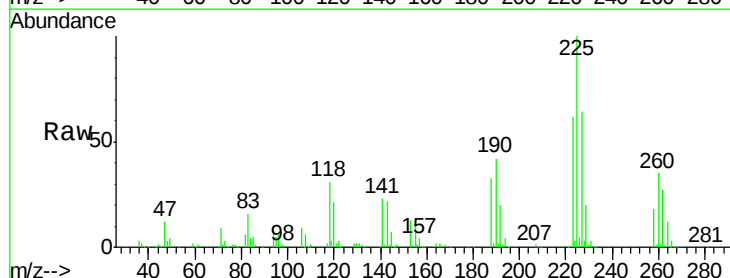
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 424885
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 27.5 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 53.413 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053769.D
 Acq: 14 Feb 2019 10:16

Tgt Ion:225 Resp: 287095
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 63.8 32.0 96.2





#95

Naphthalene

Concen: 40.384 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

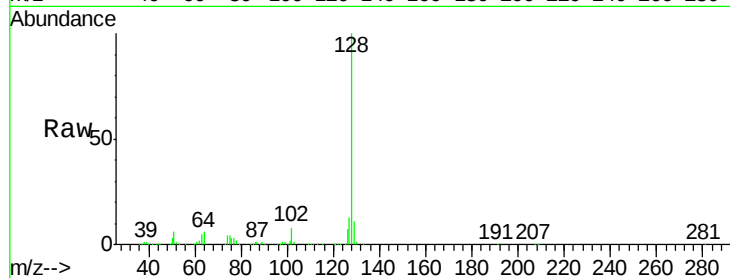
Tot Ion:128 Resp: 811765

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

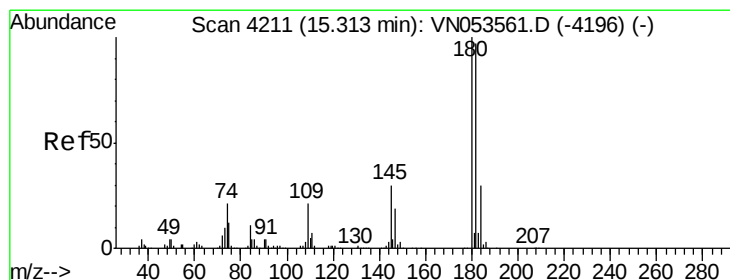
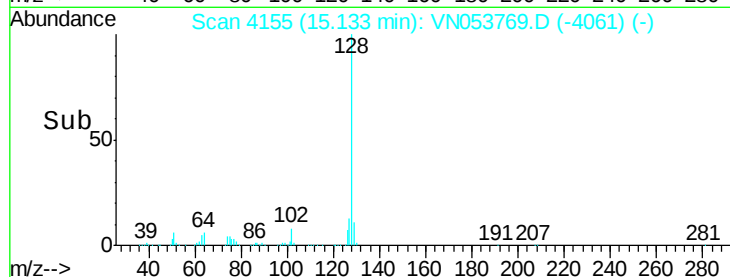
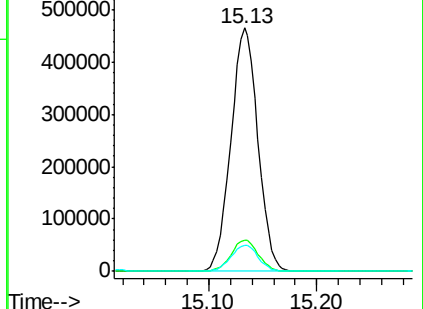
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.135 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053769.D

Acq: 14 Feb 2019 10:16

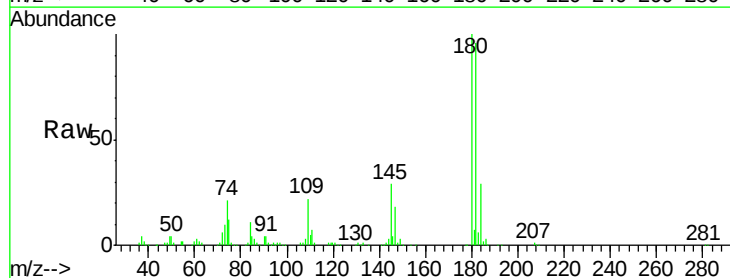
Tgt Ion:180 Resp: 393490

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 29.2 14.7 44.1



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

