

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053813.D
 Acq On : 15 Feb 2019 21:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:28:48 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	635227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	413729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	323097	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	313735	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.09	98	1139719	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	395241	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	287439	40.204	ug/l	98
3) Chloromethane	2.06	50	331433	43.948	ug/l	97
4) Vinyl Chloride	2.19	62	358495	48.970	ug/l	99
5) Bromomethane	2.57	94	240998	50.348	ug/l	98
6) Chloroethane	2.71	64	224764	53.727	ug/l	99
7) Trichlorofluoromethane	3.02	101	491957	49.555	ug/l	99
8) Diethyl Ether	3.41	74	186078	51.324	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	302012	49.190	ug/l	99
10) Methyl Iodide	3.96	142	454575	47.171	ug/l	100
11) Tert butyl alcohol	4.78	59	95226	252.493	ug/l	100
12) 1,1-Dichloroethene	3.74	96	282822	48.080	ug/l	98
13) Acrolein	3.61	56	44723	217.801	ug/l	99
14) Allyl chloride	4.33	41	450339	48.082	ug/l	99
15) Acrylonitrile	4.99	53	513807	252.360	ug/l	100
16) Acetone	3.82	43	358539	219.347	ug/l	99
17) Carbon Disulfide	4.06	76	758598	41.416	ug/l	100
18) Methyl Acetate	4.32	43	288746	59.648	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	769347	51.592	ug/l	98
20) Methylene Chloride	4.55	84	330726	48.227	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	286368	45.124	ug/l	97
22) Diisopropyl ether	5.95	45	867642	49.995	ug/l	98
23) Vinyl Acetate	5.90	43	2922160	243.402	ug/l	98
24) 1,1-Dichloroethane	5.85	63	547528	47.302	ug/l	100
25) 2-Butanone	6.83	43	552141	236.842	ug/l	99
26) 2,2-Dichloropropane	6.83	77	377173	42.686	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	342490	48.533	ug/l	97
28) Bromochloromethane	7.20	49	244744	48.723	ug/l	94
29) Tetrahydrofuran	7.21	42	371872	248.416	ug/l	97
30) Chloroform	7.37	83	551769	48.087	ug/l	99
31) Cyclohexane	7.66	56	463704	43.003	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	459165	48.084	ug/l	99
36) 1,1-Dichloropropene	7.79	75	404334	46.587	ug/l	99
37) Ethyl Acetate	6.93	43	248751	51.317	ug/l	99
38) Carbon Tetrachloride	7.77	117	406553	46.499	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053813.D
 Acq On : 15 Feb 2019 21:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:28:48 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	459106	44.587	ug/l	99
40) Benzene	8.04	78	1250423	46.720	ug/l	100
41) Methacrylonitrile	7.18	41	134084	49.493	ug/l	90
42) 1,2-Dichloroethane	8.13	62	371440	46.740	ug/l	99
43) Isopropyl Acetate	8.16	43	444343	47.466	ug/l	99
44) Trichloroethene	8.84	130	350361	45.981	ug/l	97
45) 1,2-Dichloropropane	9.12	63	332888	48.628	ug/l	99
46) Dibromomethane	9.21	93	197403	47.836	ug/l	97
47) Bromodichloromethane	9.40	83	423037	49.305	ug/l	98
48) Methyl methacrylate	9.20	41	212402	47.533	ug/l	93
49) 1,4-Dioxane	9.20	88	62591	967.974	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1190211	258.733	ug/l	100
52) Toluene	10.16	92	751803	47.329	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	417546	48.599	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	485143	47.652	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	285274	49.840	ug/l	98
56) Ethyl methacrylate	10.43	69	349317	51.588	ug/l	98
57) 1,3-Dichloropropane	10.71	76	478747	48.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	805549	193.689	ug/l	98
59) 2-Hexanone	10.75	43	748517	239.686	ug/l	98
60) Dibromochloromethane	10.90	129	328600	50.909	ug/l	100
61) 1,2-Dibromoethane	11.01	107	274077	48.378	ug/l	99
64) Tetrachloroethene	10.63	164	340797	46.796	ug/l	99
65) Chlorobenzene	11.43	112	840815	46.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	317804	50.427	ug/l	99
67) Ethyl Benzene	11.51	91	1394139	47.030	ug/l	99
68) m/p-Xylenes	11.62	106	1088019	96.167	ug/l	99
69) o-Xylene	11.95	106	531431	48.620	ug/l	99
70) Styrene	11.96	104	869373	49.073	ug/l	100
71) Bromoform	12.13	173	227245	52.594	ug/l #	98
73) Isopropylbenzene	12.25	105	1385591	47.640	ug/l	100
74) N-amyl acetate	12.07	43	342436	48.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	341600	49.076	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	408223	76.819	ug/l #	100
77) Bromobenzene	12.53	156	378786	48.324	ug/l	97
78) n-propylbenzene	12.59	91	1589930	47.288	ug/l	99
79) 2-Chlorotoluene	12.67	91	946060	47.428	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1184780	49.124	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90275	47.768	ug/l	98
82) 4-Chlorotoluene	12.77	91	951041	46.463	ug/l	99
83) tert-Butylbenzene	12.99	119	1052636	49.382	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1209271	49.213	ug/l	99
85) sec-Butylbenzene	13.17	105	1418364	48.897	ug/l	99
86) p-Isopropyltoluene	13.29	119	1239313	48.851	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	655050	46.487	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	644617	46.247	ug/l	99
89) n-Butylbenzene	13.62	91	1031519	46.975	ug/l	99
90) Hexachloroethane	13.87	117	216255	51.679	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	643134	47.675	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49030	49.424	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053813.D
Acq On : 15 Feb 2019 21:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 23:28:48 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

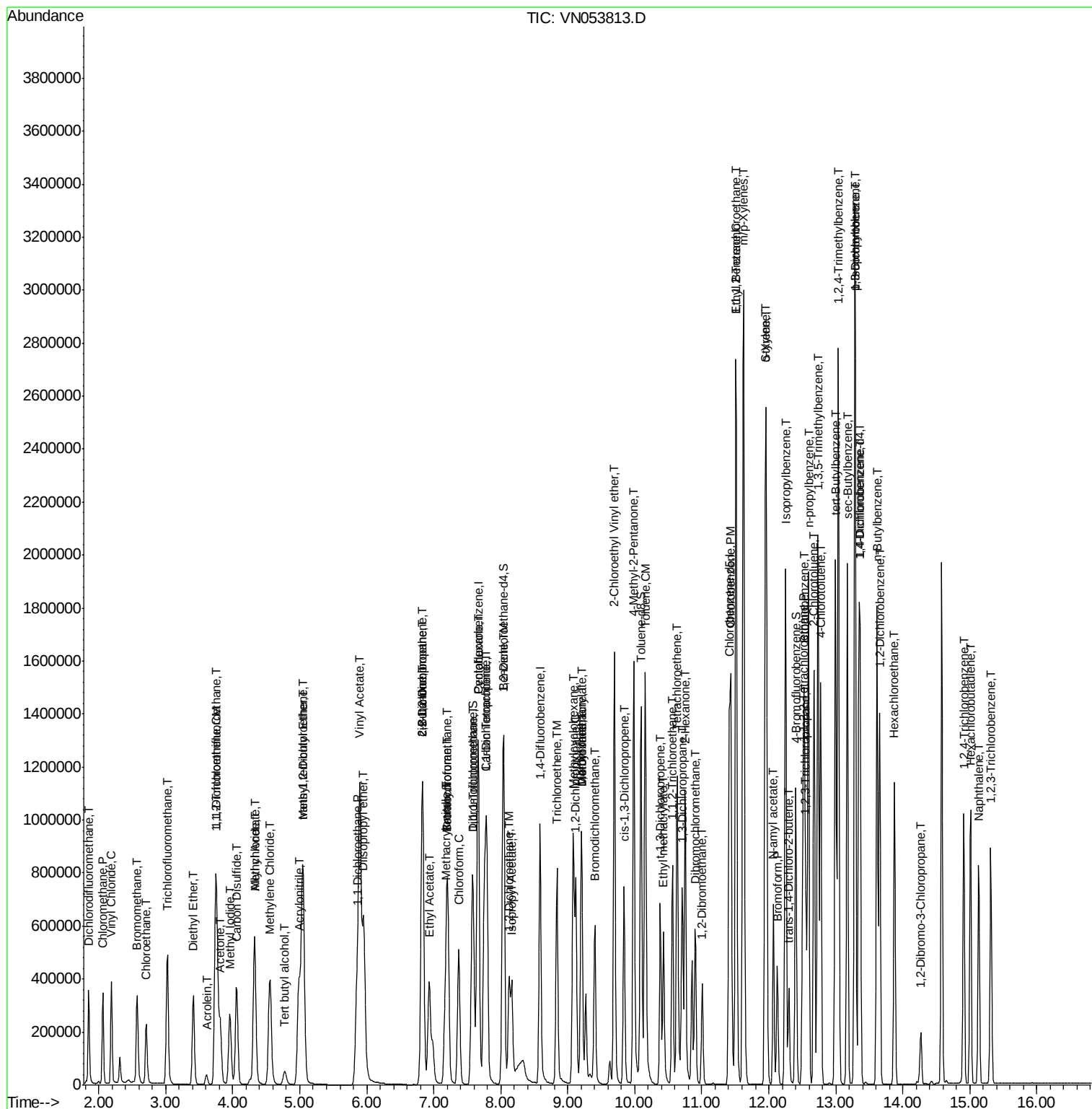
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	363228	46.948	ug/l	98
94) Hexachlorobutadiene	15.01	225	232716	48.299	ug/l	99
95) Naphthalene	15.13	128	733094	40.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	346167	48.221	ug/l	99

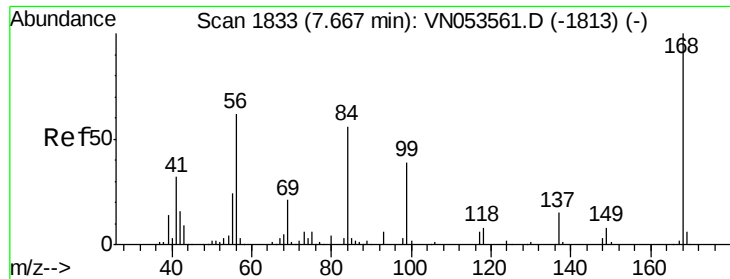
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053813.D
Acq On : 15 Feb 2019 21:06
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 23:28:48 2019
Quant Method : Z:\V0ASRV\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: VN053813.D

Acq: 15 Feb 2019 21:06

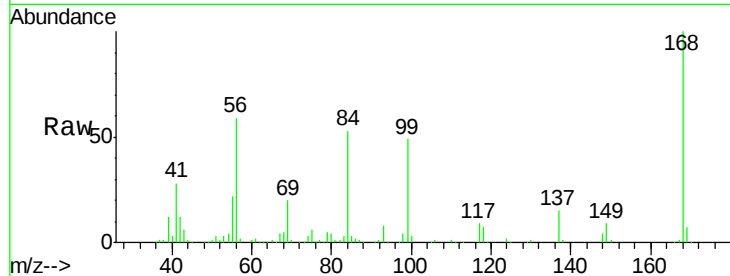
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 635227

Ion Ratio Lower Upper

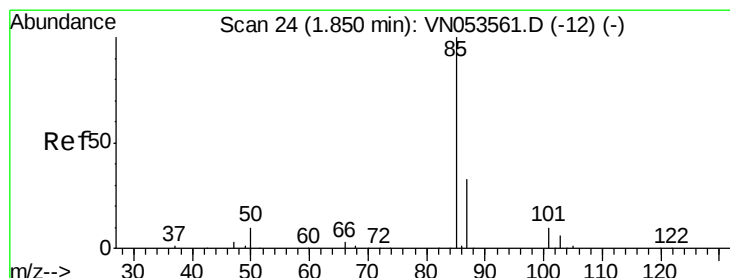
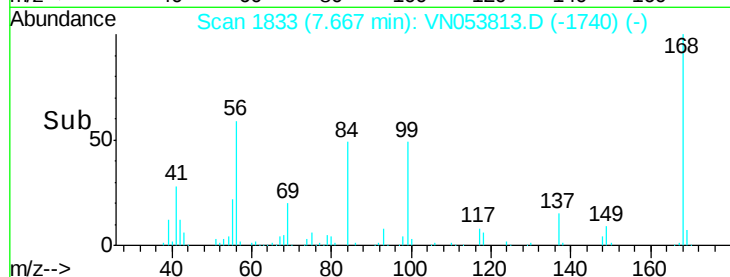
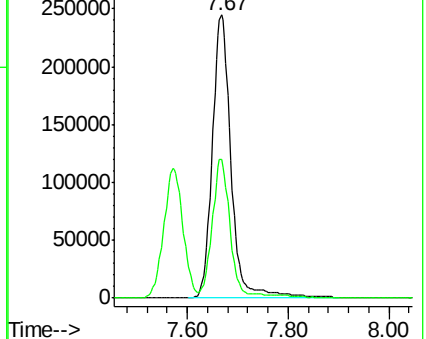
168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 40.204 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053813.D

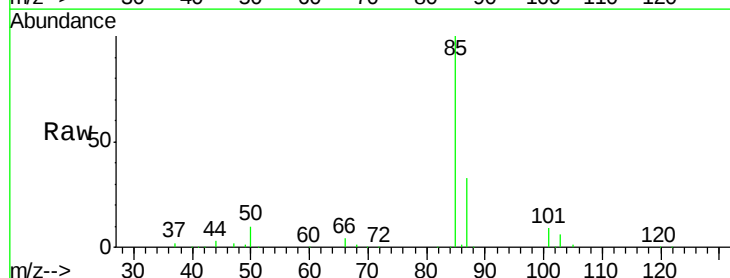
Acq: 15 Feb 2019 21:06

Tgt Ion: 85 Resp: 287439

Ion Ratio Lower Upper

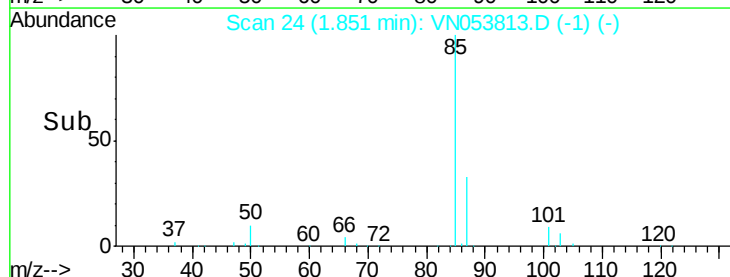
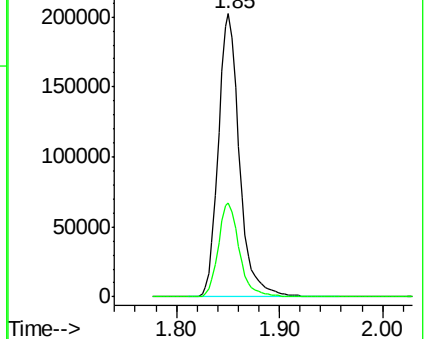
85 100

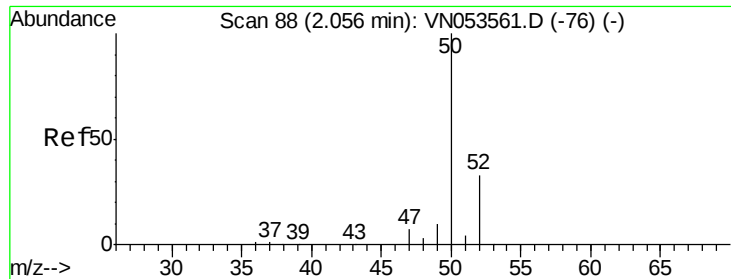
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.948 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

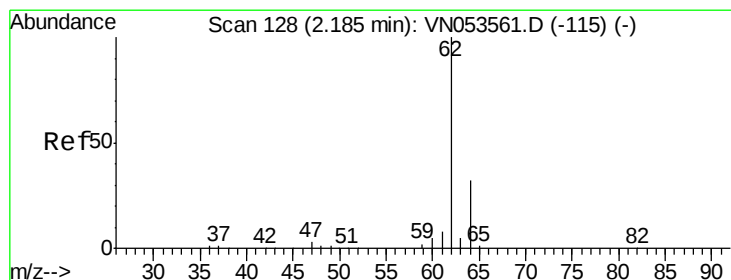
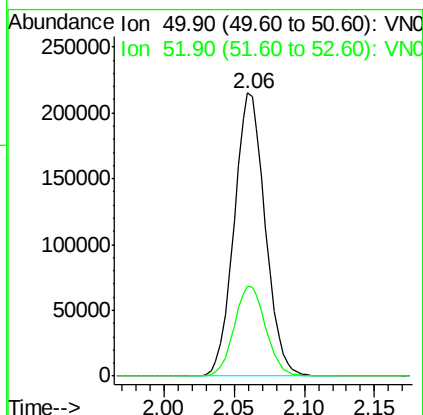
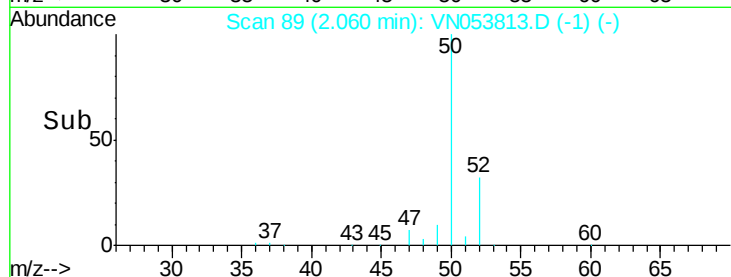
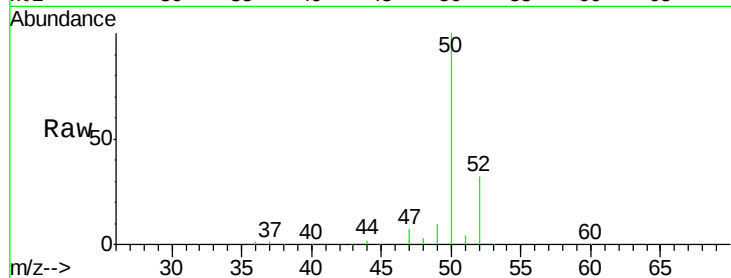
ClientSampleId :

Tot Ion: 50 Resp: 331433

Ion Ratio Lower Upper

50 100

52 31.8 26.6 40.0



#4

Vinyl Chloride

Concen: 48.970 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053813.D

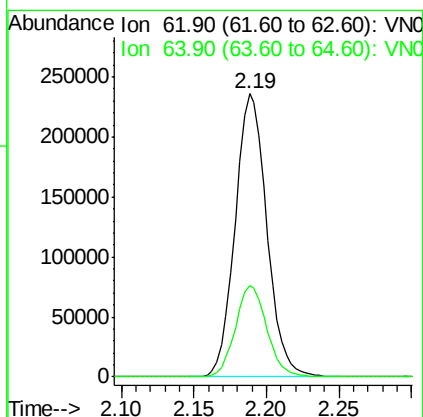
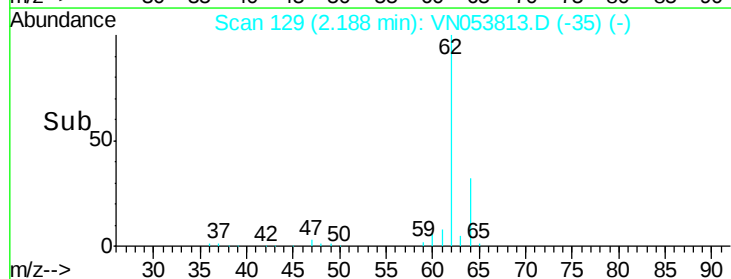
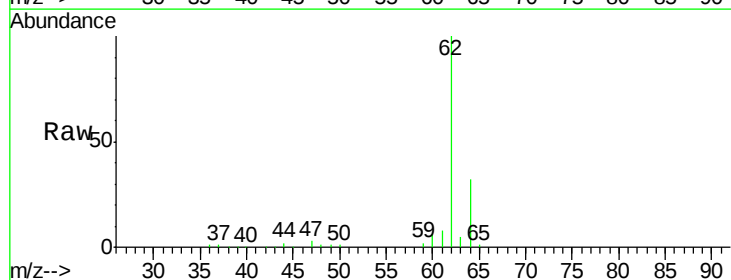
Acq: 15 Feb 2019 21:06

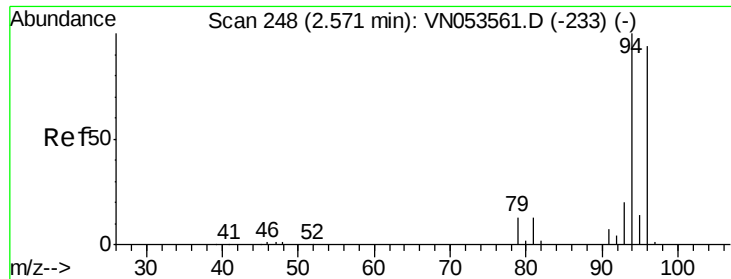
Tgt Ion: 62 Resp: 358495

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 50.348 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

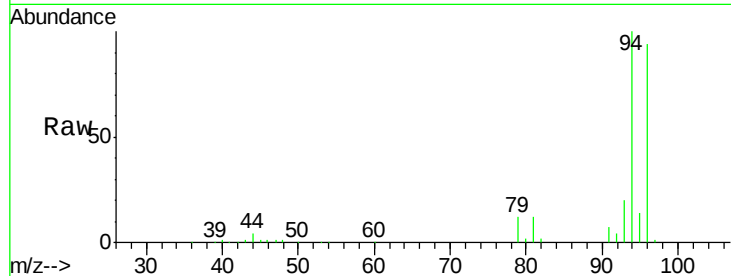
ClientSampled :

Tot Ion: 94 Resp: 240998

Ion Ratio Lower Upper

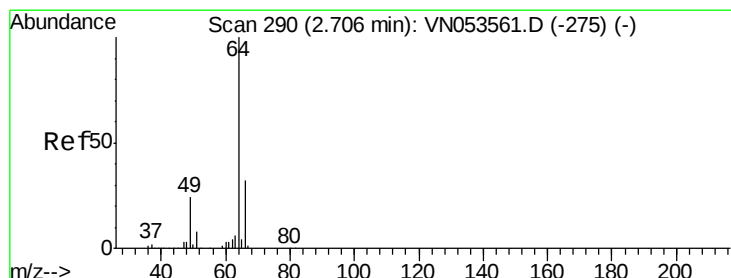
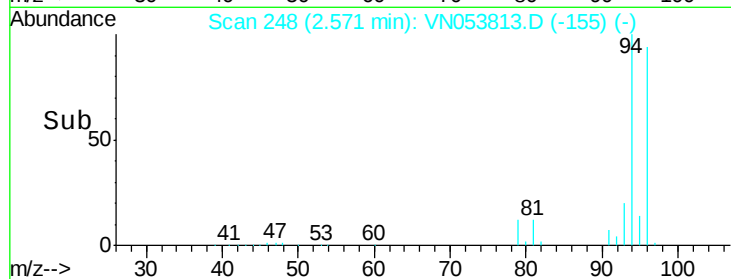
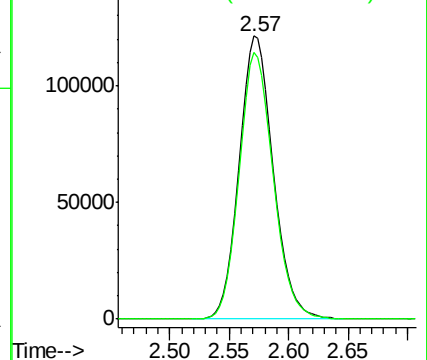
94 100

96 94.3 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.727 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053813.D

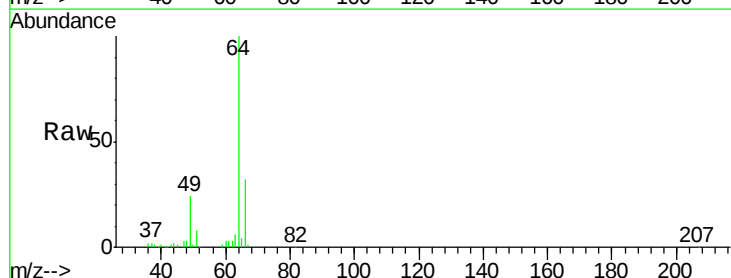
Acq: 15 Feb 2019 21:06

Tgt Ion: 64 Resp: 224764

Ion Ratio Lower Upper

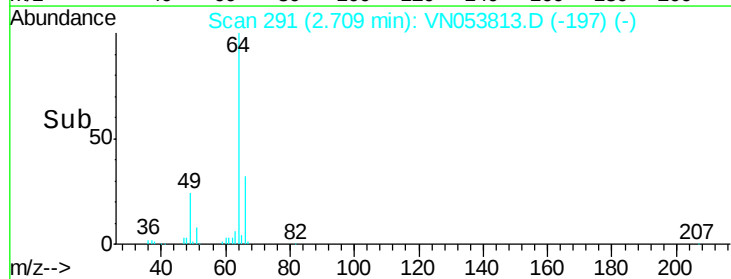
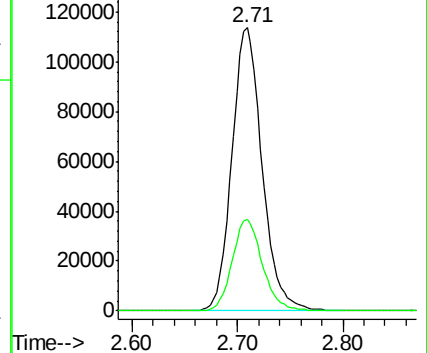
64 100

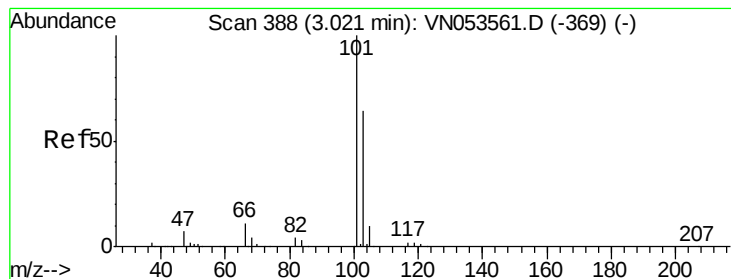
66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



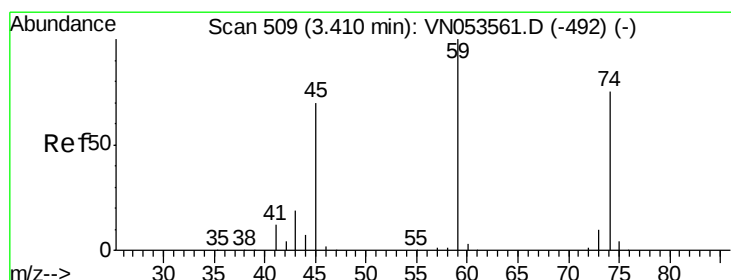
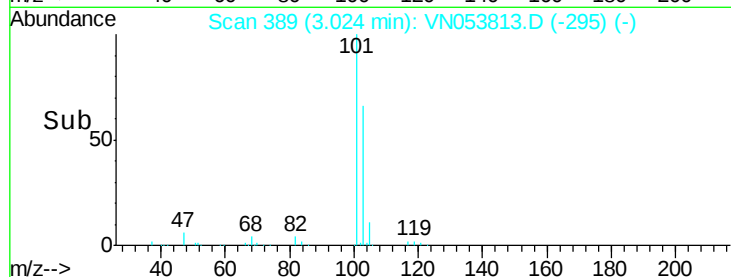
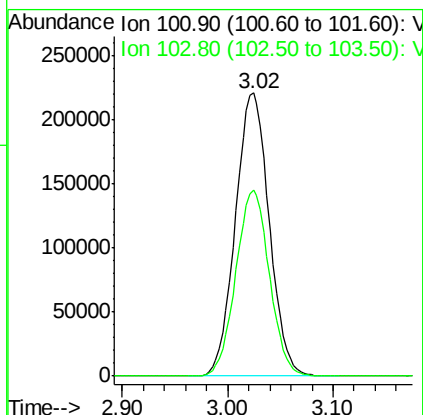
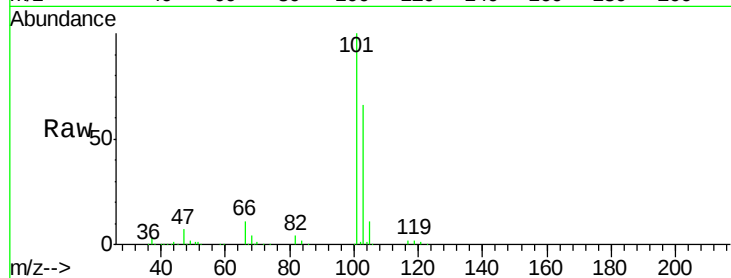


#7

Trichlorofluoromethane
 Concen: 49.555 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Instrument :
 MSVOA_N
 ClientSampleId :

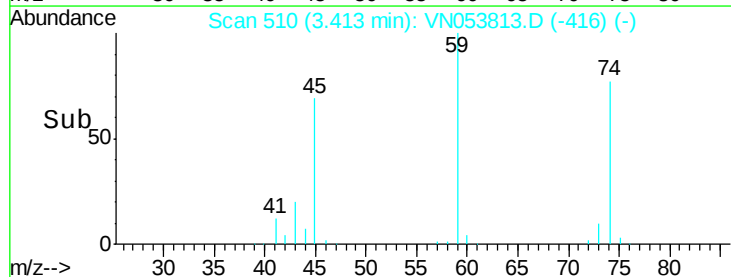
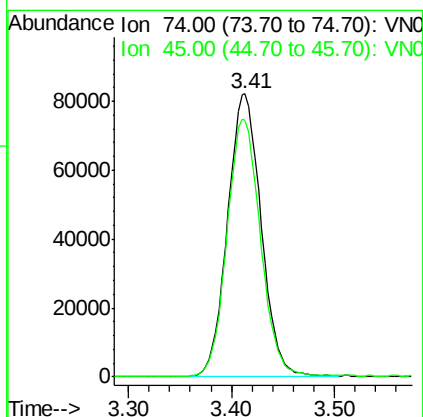
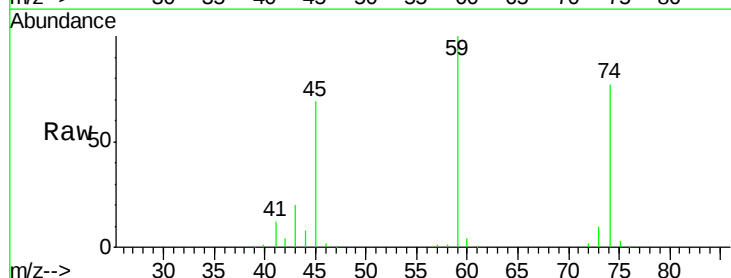
Tot Ion:101 Resp: 491957
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.6 77.4

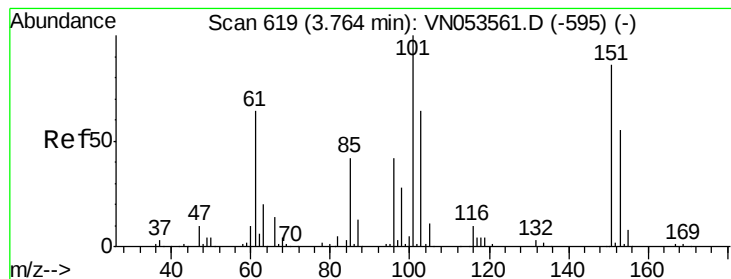


#8

Diethyl Ether
 Concen: 51.324 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 74 Resp: 186078
 Ion Ratio Lower Upper
 74 100
 45 90.3 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.190 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampled :

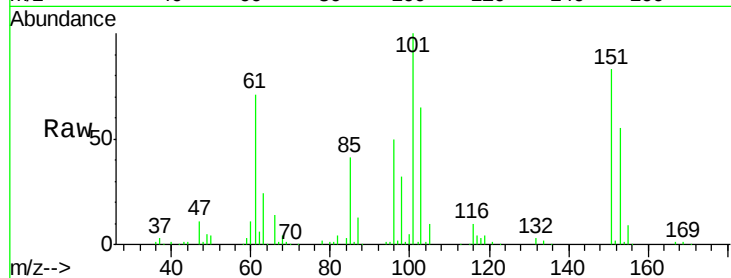
Tot Ion:101 Resp: 302012

Ion Ratio Lower Upper

101 100

85 41.0 32.8 49.2

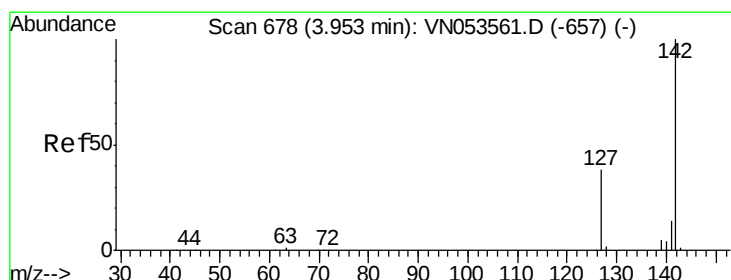
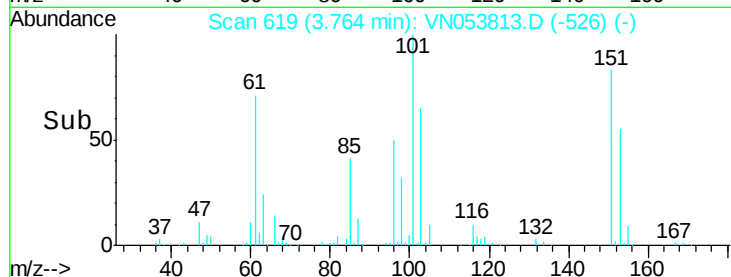
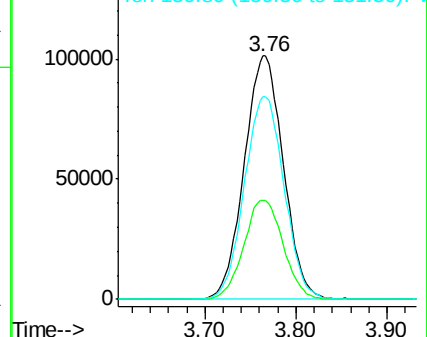
151 84.6 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.171 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

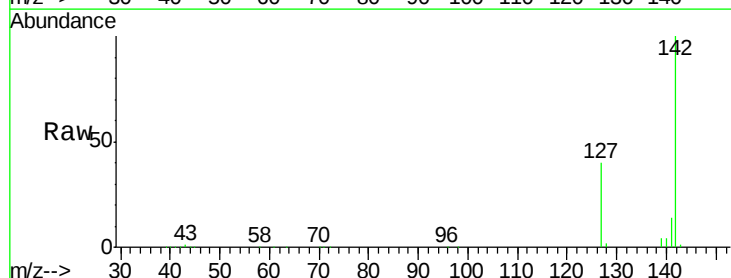
Tgt Ion:142 Resp: 454575

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

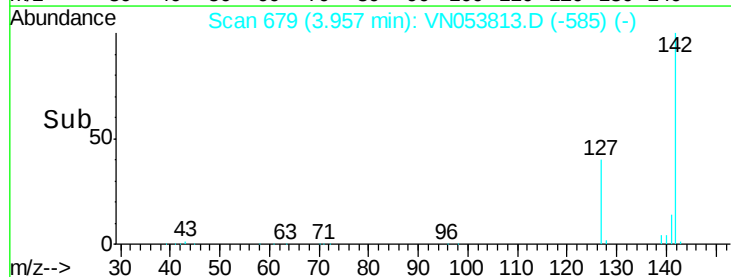
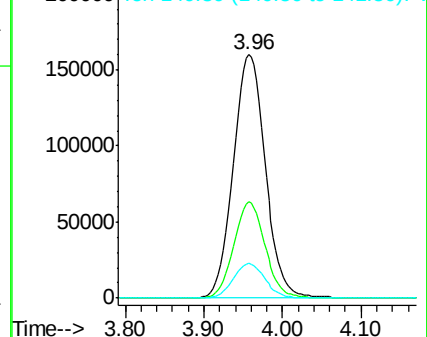
141 14.2 11.1 16.7

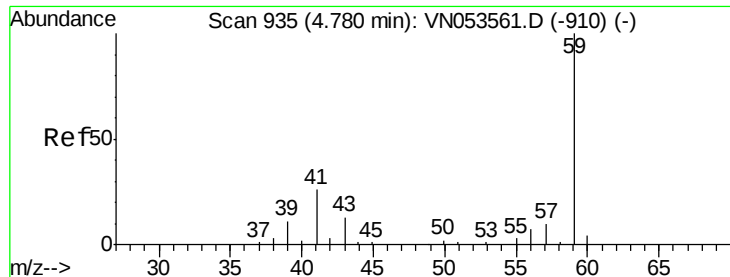


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

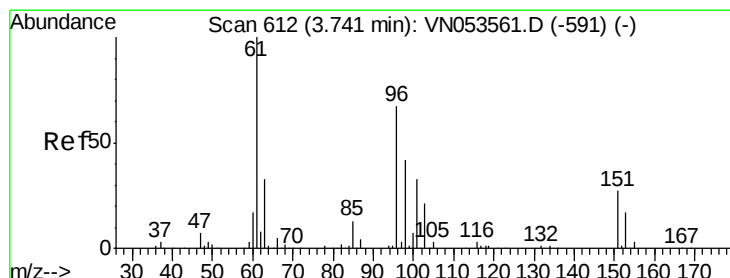
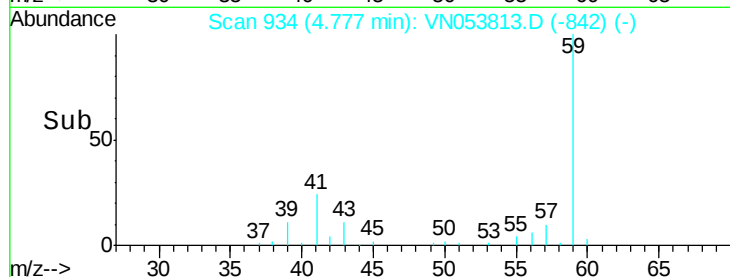
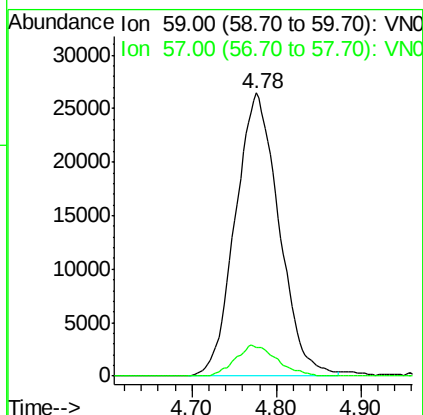
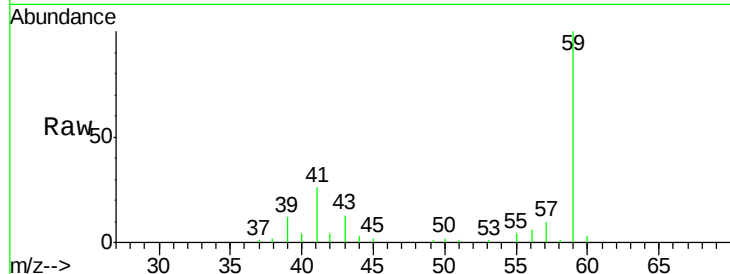




#11
Tert butyl alcohol
Concen: 252.493 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

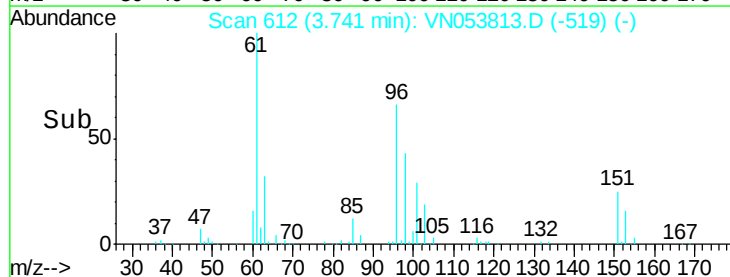
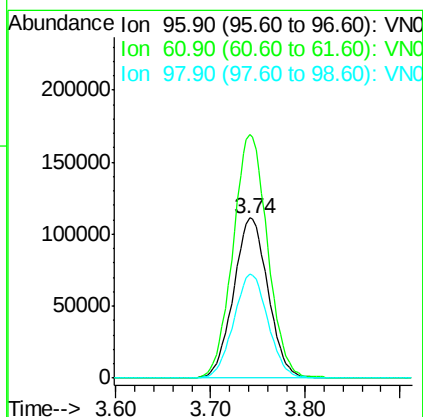
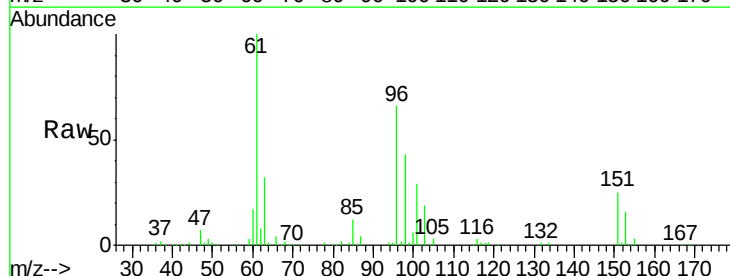
Instrument :
MSVOA_N
ClientSampled :

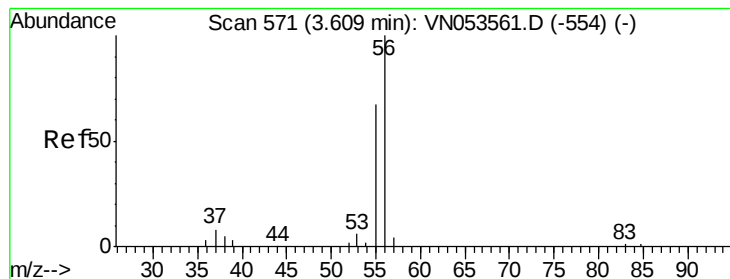
Tot Ion: 59 Resp: 95226
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.080 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 96 Resp: 282822
Ion Ratio Lower Upper
96 100
61 152.3 122.9 184.3
98 64.8 49.4 74.0





#13

Acrolein

Concen: 217.801 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

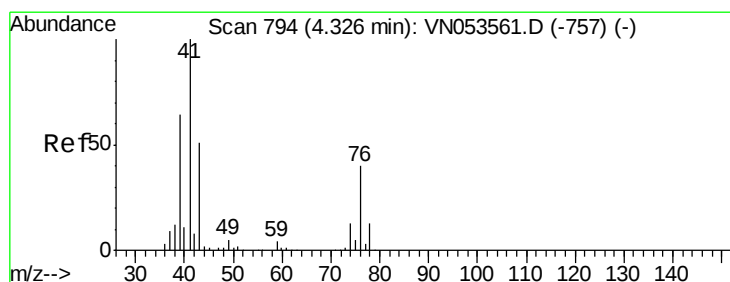
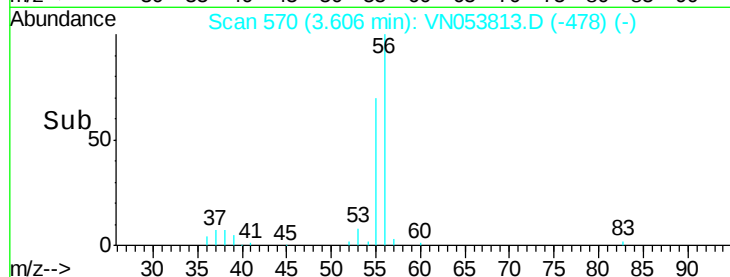
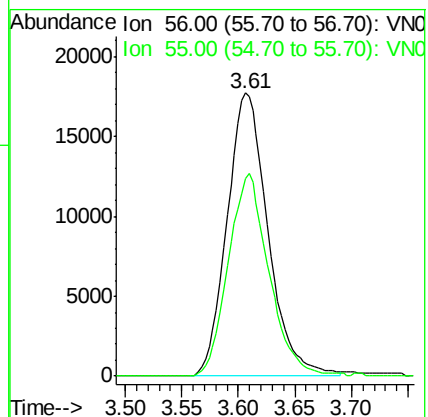
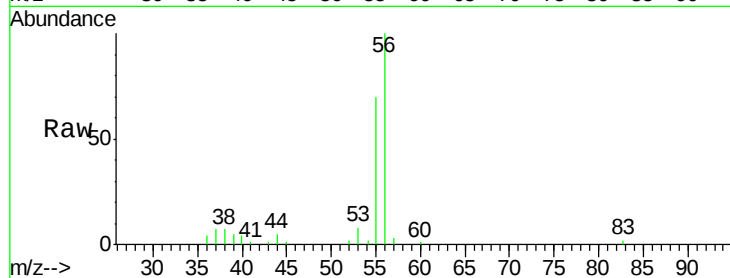
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 44723

Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.0



#14

Allyl chloride

Concen: 48.082 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

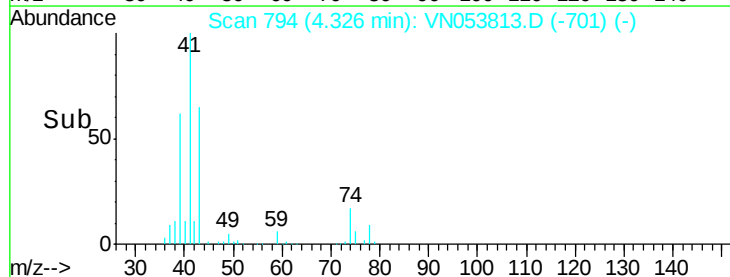
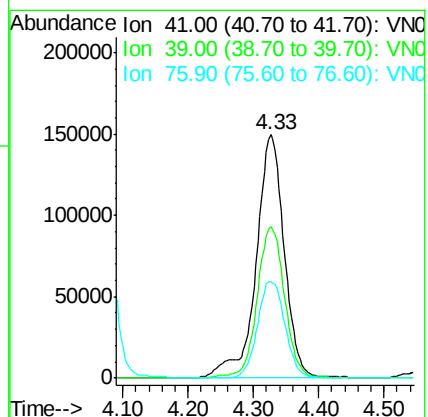
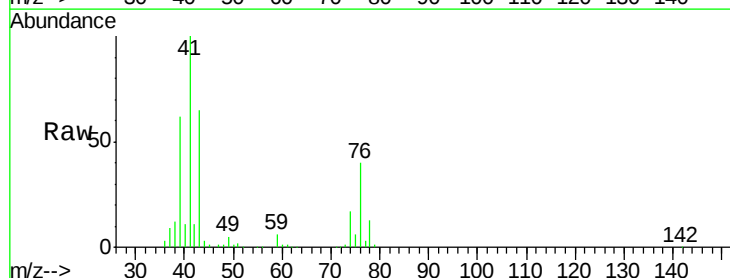
Tgt Ion: 41 Resp: 450339

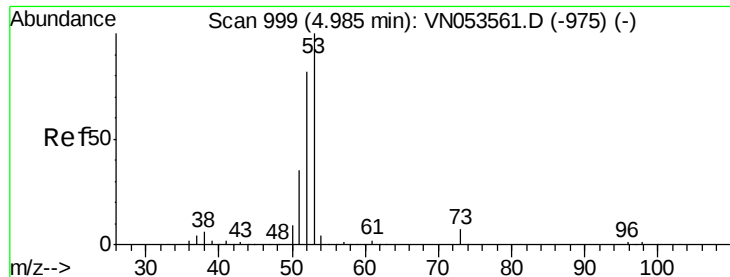
Ion Ratio Lower Upper

41 100

39 60.6 48.9 73.3

76 38.1 29.4 44.2





#15

Acrylonitrile

Concen: 252.360 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

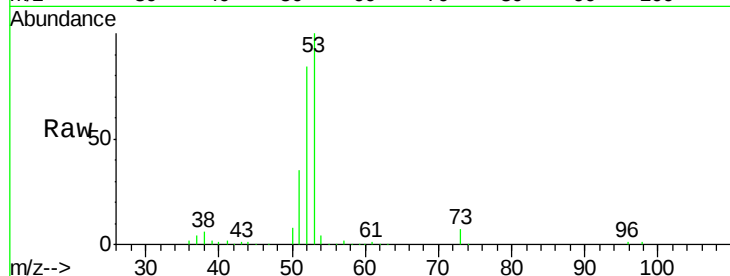
Tot Ion: 53 Resp: 513807

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053561.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN053561.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN053561.D (-975) (-)

4.99

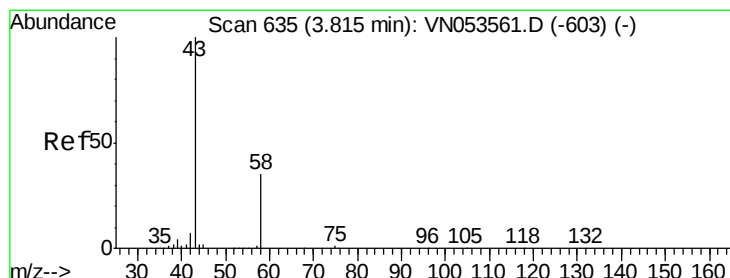
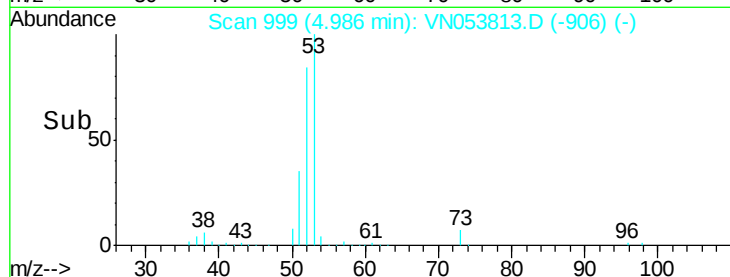
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 219.347 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053813.D

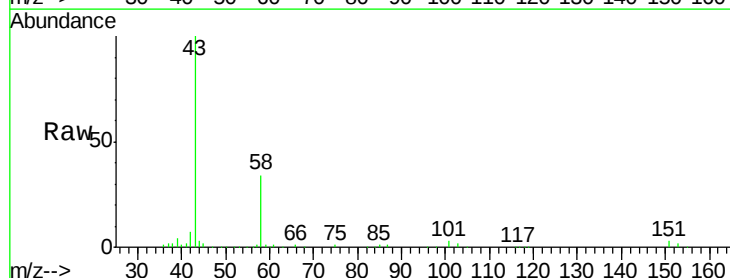
Acq: 15 Feb 2019 21:06

Tgt Ion: 43 Resp: 358539

Ion Ratio Lower Upper

43 100

58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)

3.82

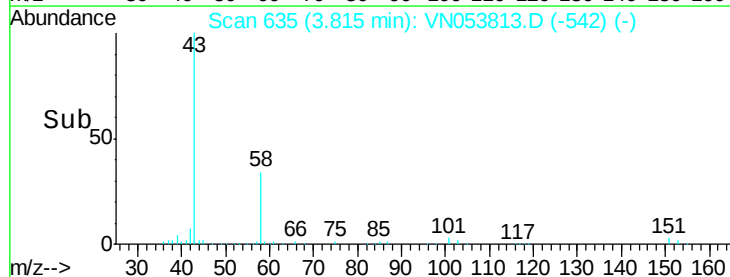
150000

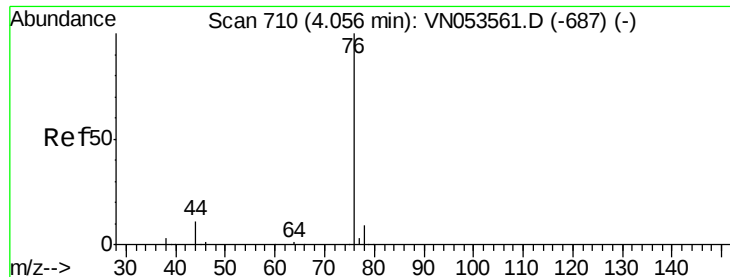
100000

50000

0

Time-->

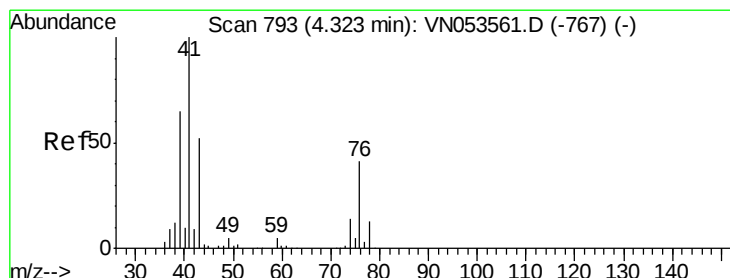
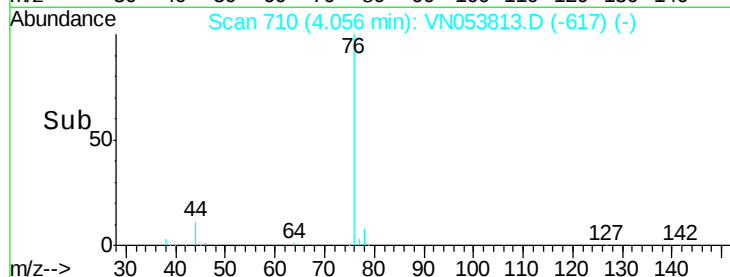
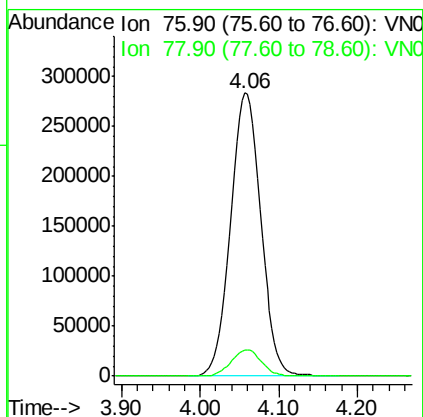
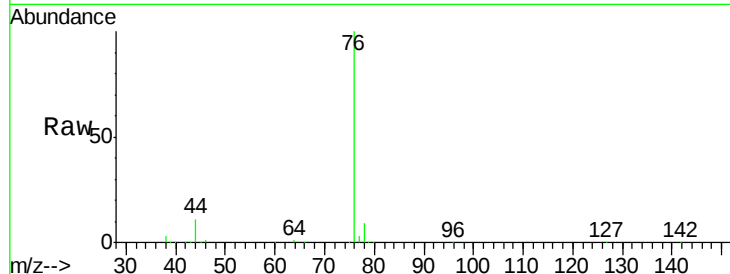




#17
Carbon Disulfide
Concen: 41.416 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

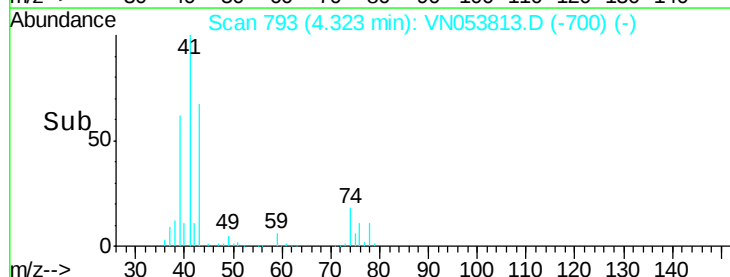
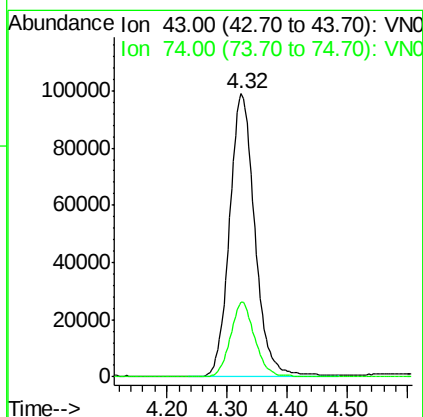
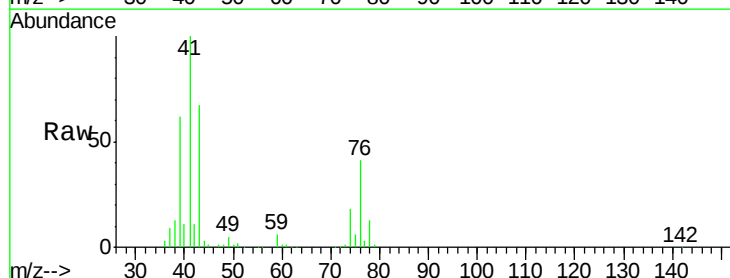
Instrument :
MSVOA_N
ClientSampled :

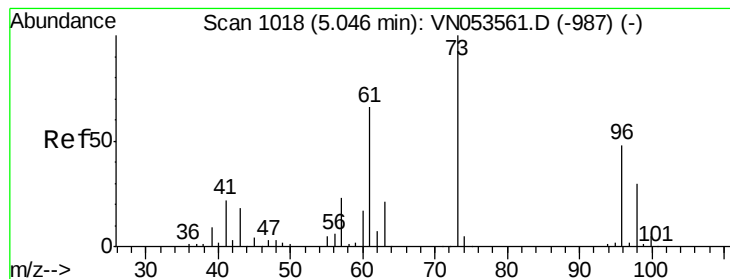
Tot Ion: 76 Resp: 758598
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 59.648 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 43 Resp: 288746
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.2



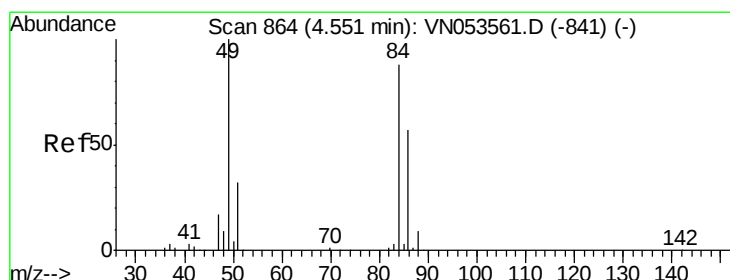
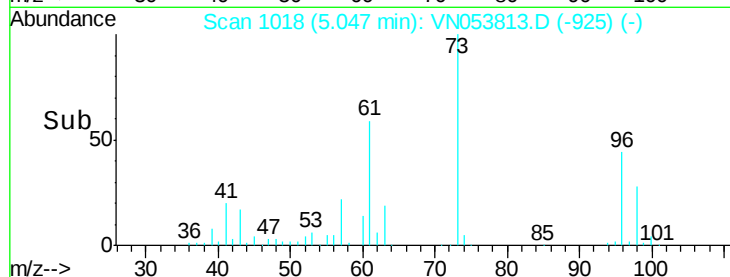
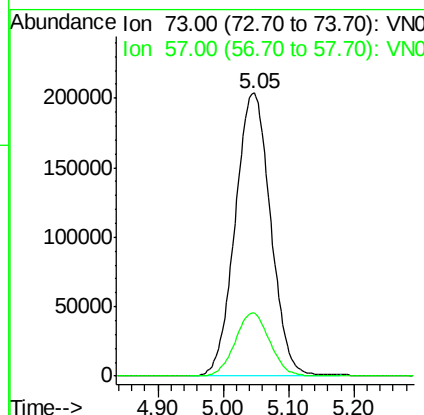
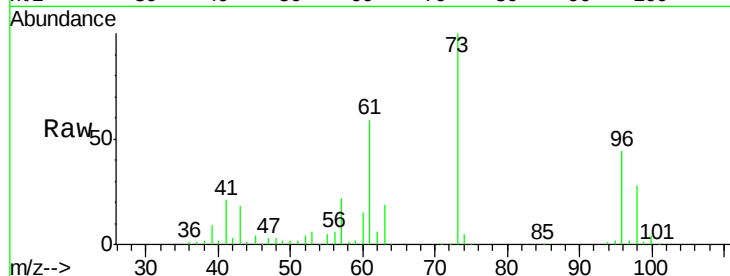


#19

Methyl tert-butyl Ether
 Concen: 51.592 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Instrument :
 MSVOA_N
 ClientSampled :

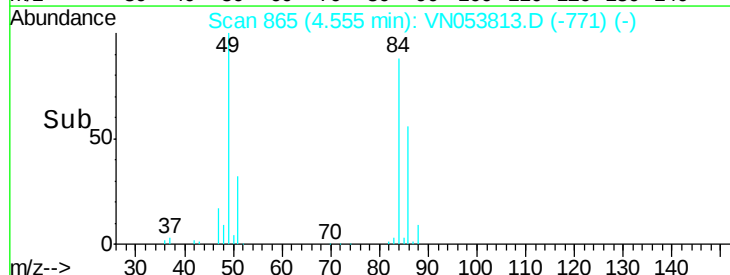
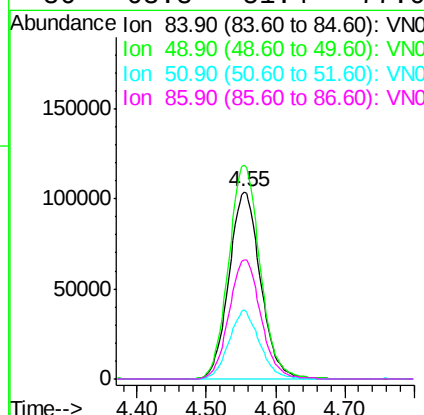
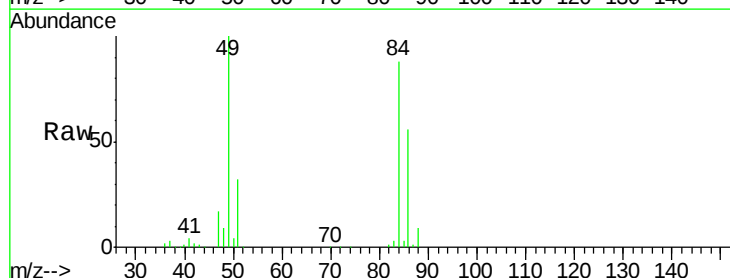
Tot Ion: 73 Resp: 769347
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.3 27.5

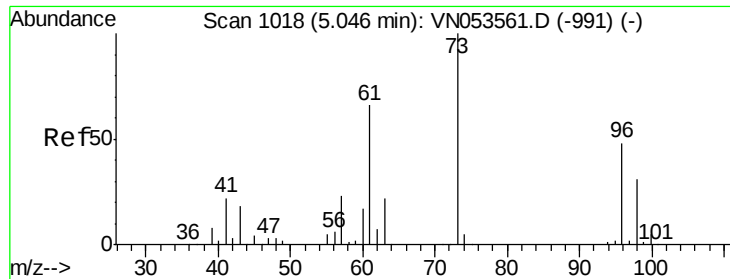


#20

Methylene Chloride
 Concen: 48.227 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 84 Resp: 330726
 Ion Ratio Lower Upper
 84 100
 49 113.8 94.3 141.5
 51 36.6 29.4 44.2
 86 63.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 45.124 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampleId :

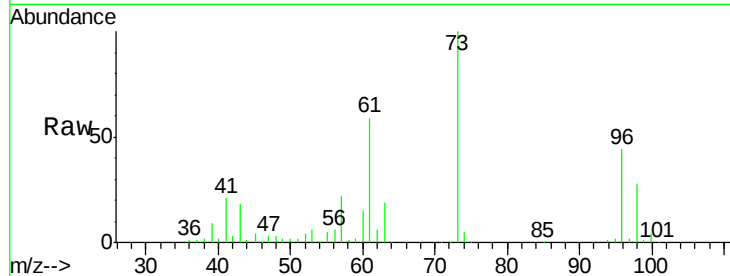
Tot Ion: 96 Resp: 286368

Ion Ratio Lower Upper

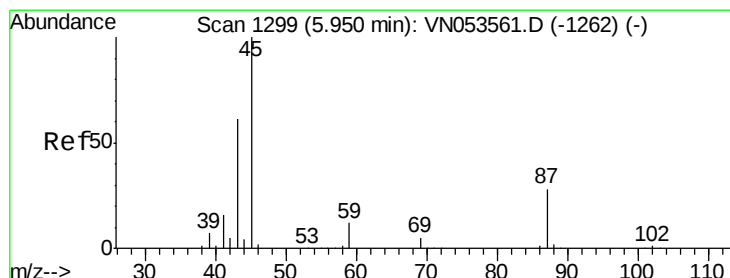
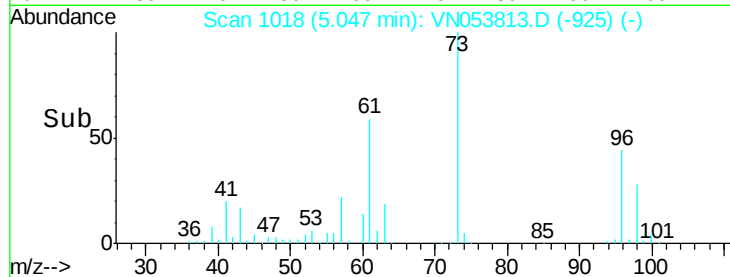
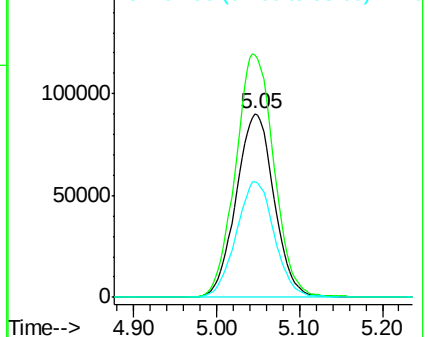
96 100

61 132.4 110.1 165.1

98 62.9 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: 49.995 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Tgt Ion: 45 Resp: 867642

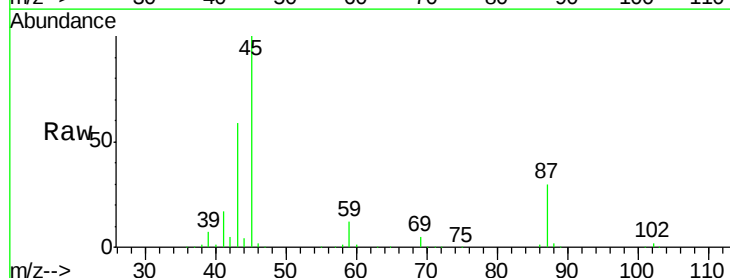
Ion Ratio Lower Upper

45 100

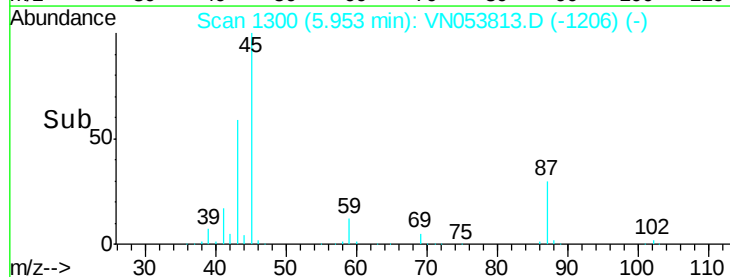
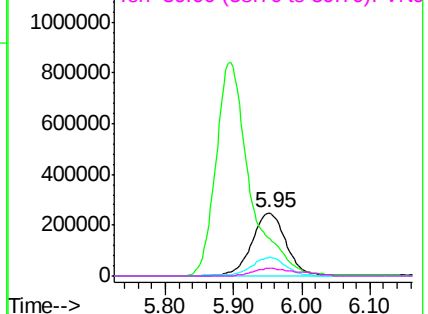
43 57.4 44.2 66.4

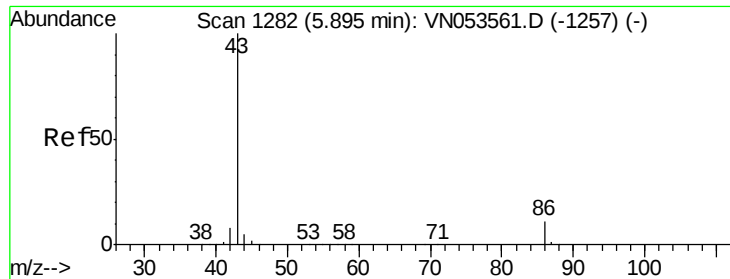
87 29.2 22.7 34.1

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: 243.402 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

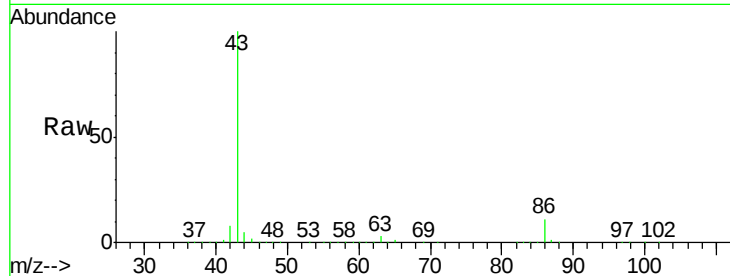
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2922160

Ion Ratio Lower Upper

43 100

86 11.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

800000

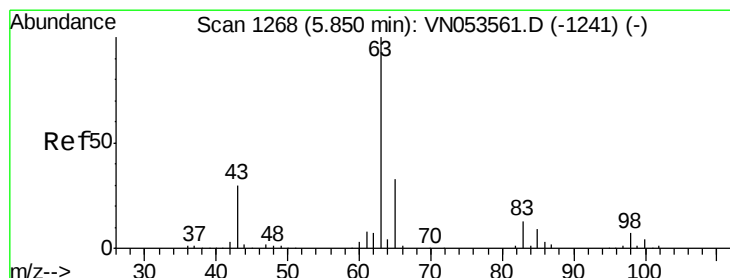
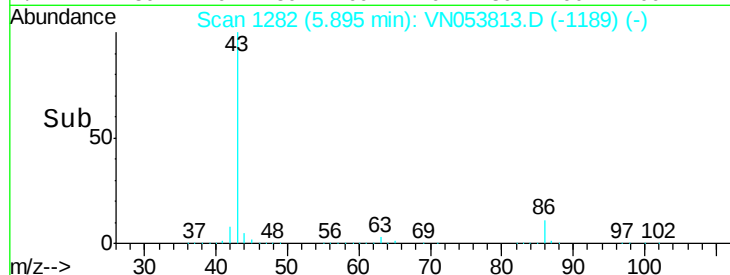
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.302 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

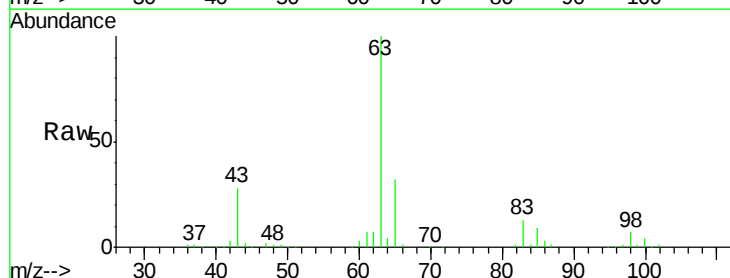
Tgt Ion: 63 Resp: 547528

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

200000

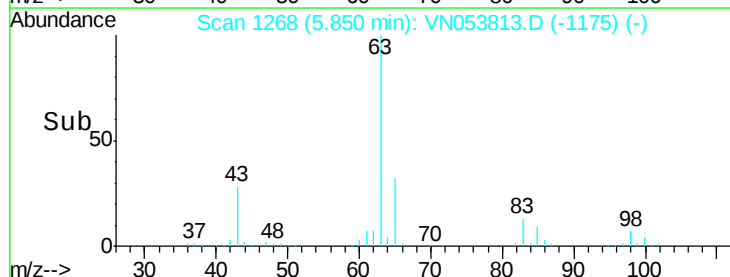
150000

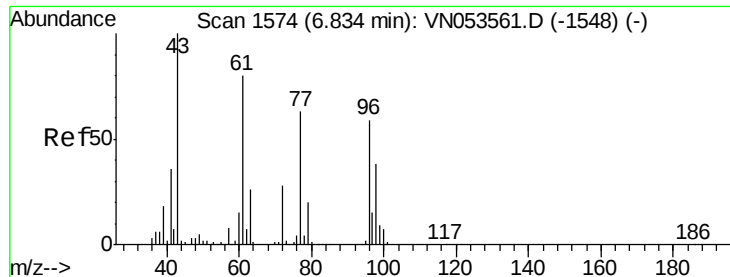
100000

50000

0

Time-->





#25

2-Butanone

Concen: 236.842 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

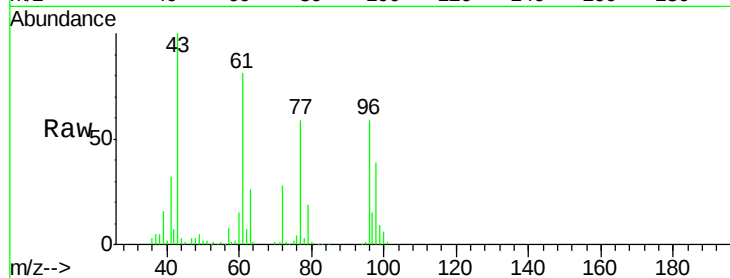
ClientSampled :

Tot Ion: 43 Resp: 552141

Ion Ratio Lower Upper

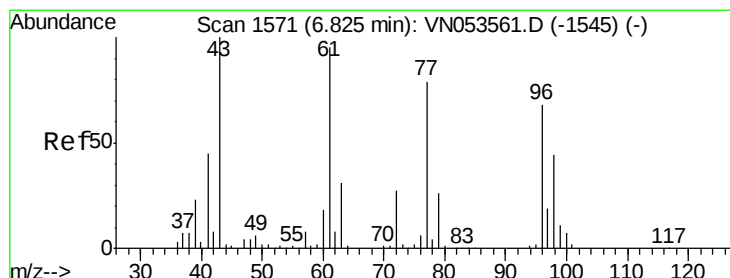
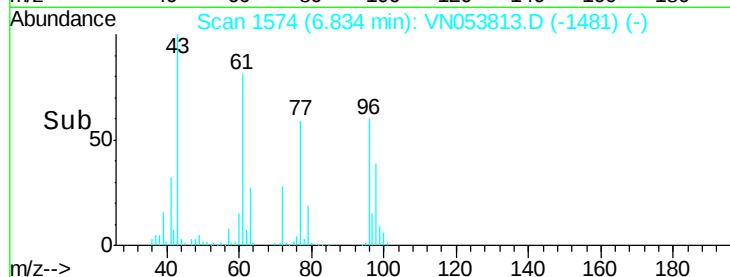
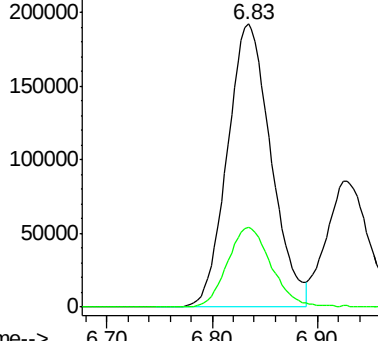
43 100

72 28.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 42.686 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053813.D

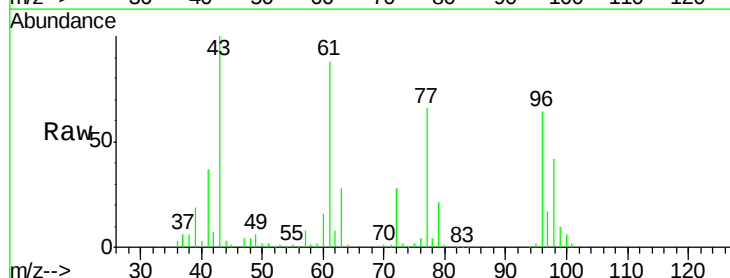
Acq: 15 Feb 2019 21:06

Tgt Ion: 77 Resp: 377173

Ion Ratio Lower Upper

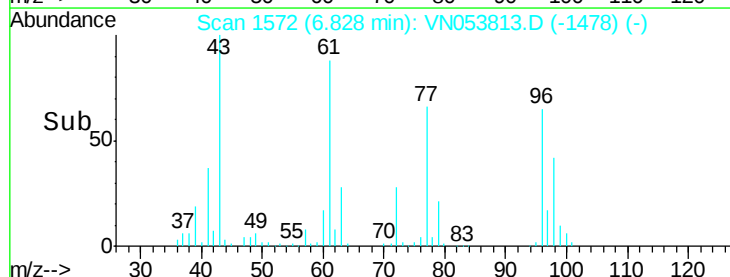
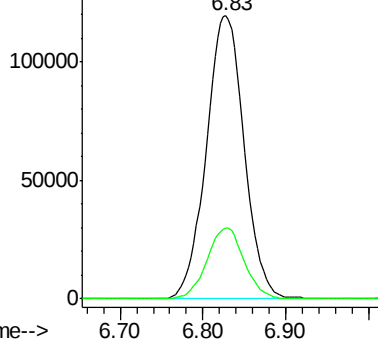
77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.533 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

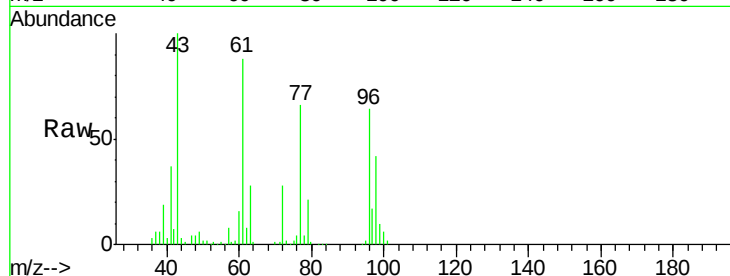
Tot Ion: 96 Resp: 342490

Ion Ratio Lower Upper

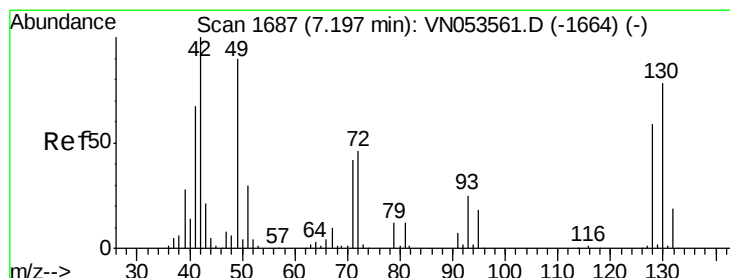
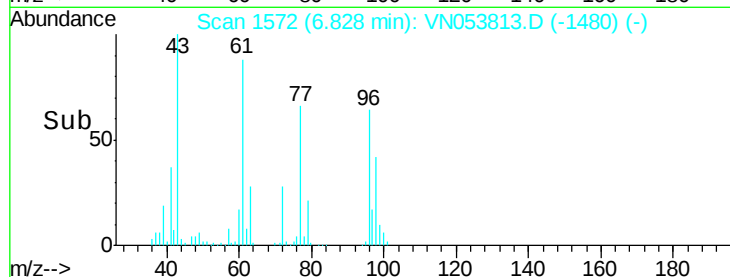
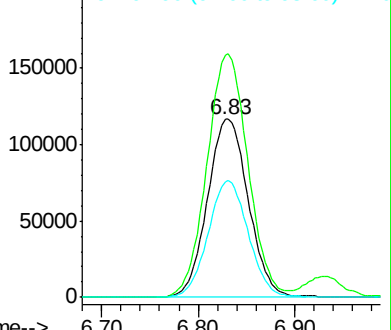
96 100

61 137.0 0.0 283.8

98 64.7 0.0 129.2



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



#28

Bromochloromethane

Concen: 48.723 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

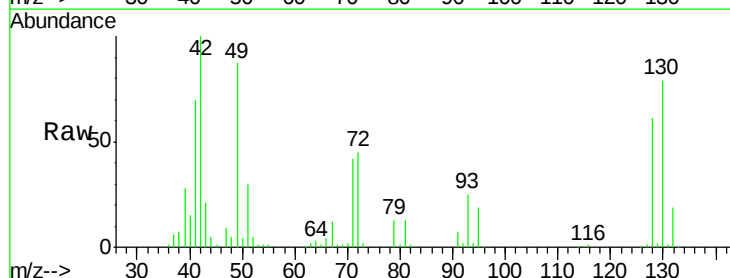
Tgt Ion: 49 Resp: 244744

Ion Ratio Lower Upper

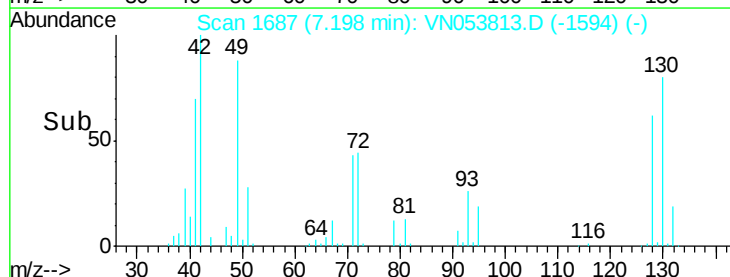
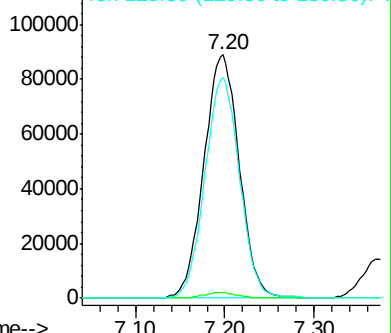
49 100

129 2.1 0.0 4.0

130 88.8 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

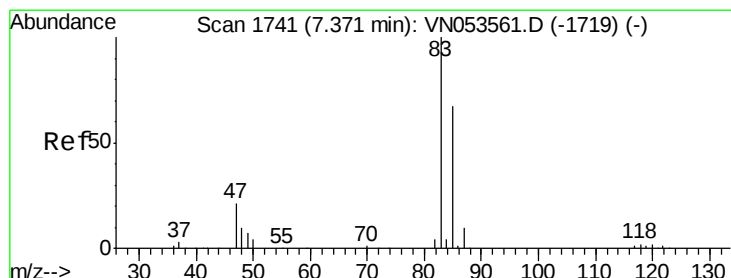
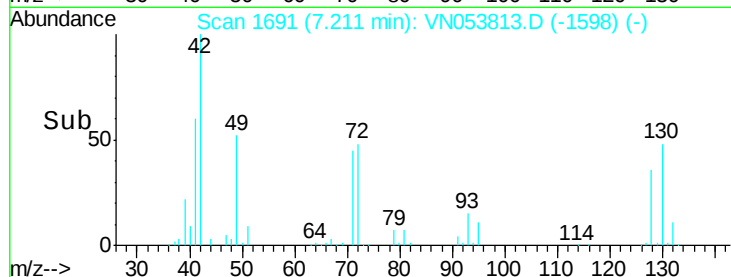
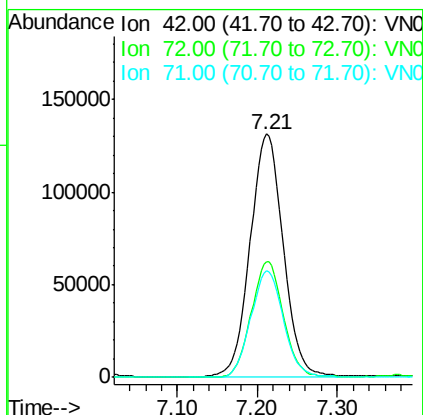
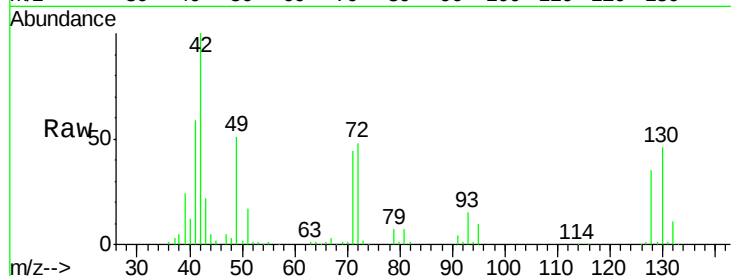




#29
Tetrahydrofuran
Concen: 248.416 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

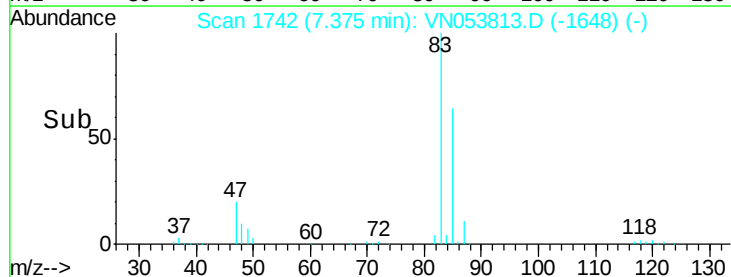
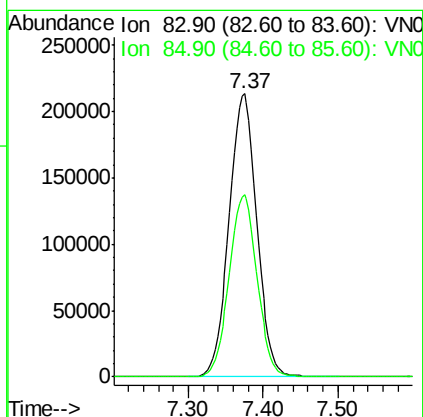
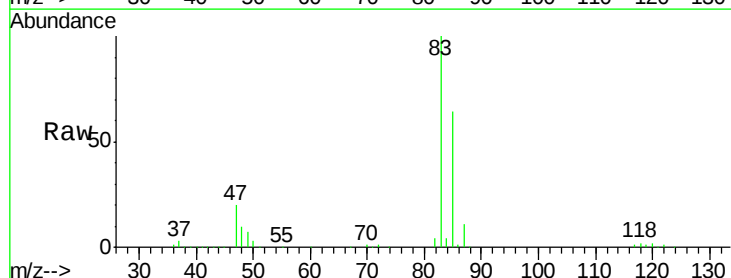
Instrument :
MSVOA_N
ClientSampled :

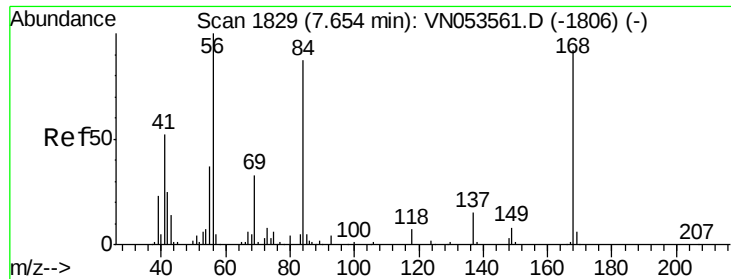
Tot Ion: 42 Resp: 371872
Ion Ratio Lower Upper
42 100
72 46.1 35.2 52.8
71 43.1 33.0 49.4



#30
Chloroform
Concen: 48.087 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 83 Resp: 551769
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2

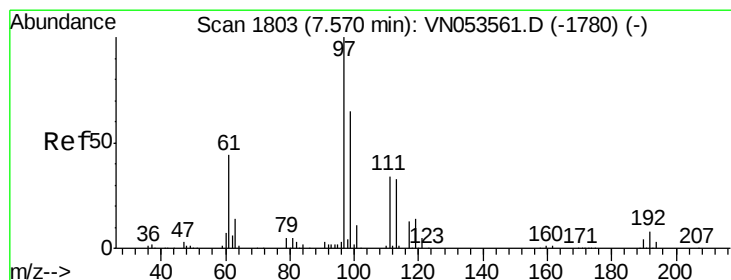
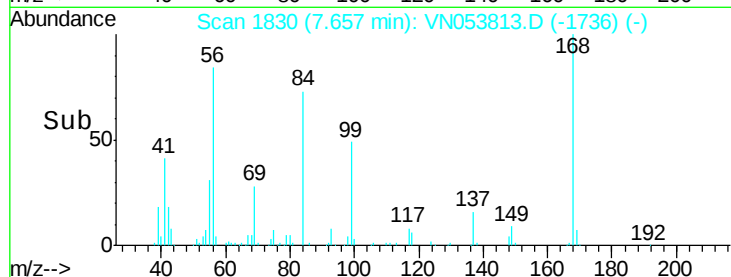
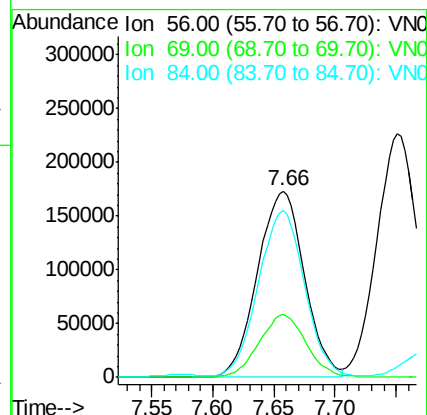
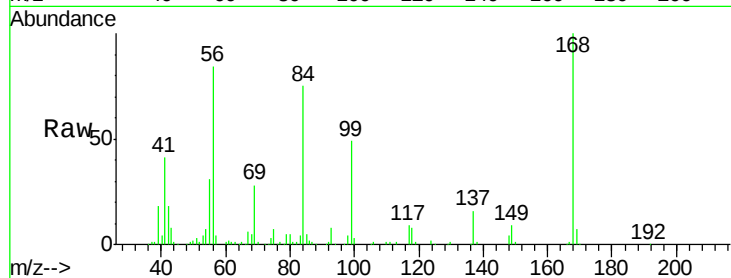




#31
Cvclohexane
Concen: 43.003 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

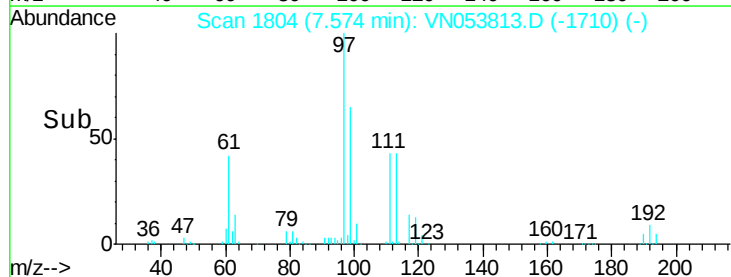
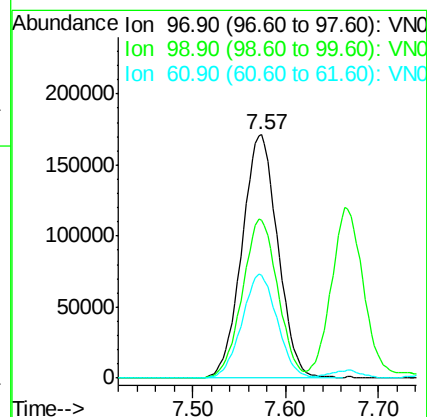
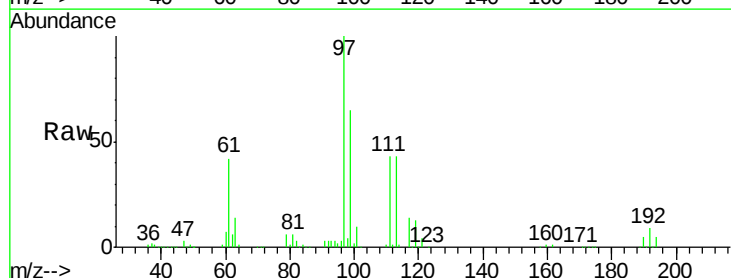
Instrument :
MSVOA_N
ClientSampleId :

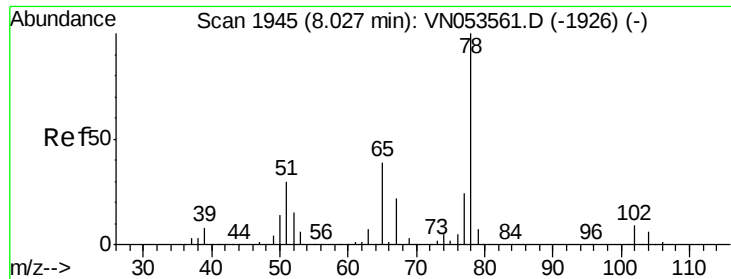
Tot Ion: 56 Resp: 463704
Ion Ratio Lower Upper
56 100
69 33.6 26.4 39.6
84 88.1 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 48.084 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 97 Resp: 459165
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.1 34.4 51.6

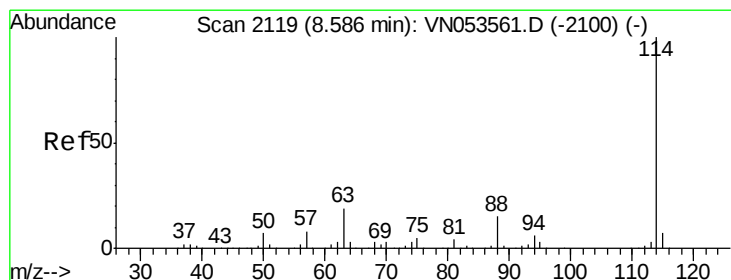
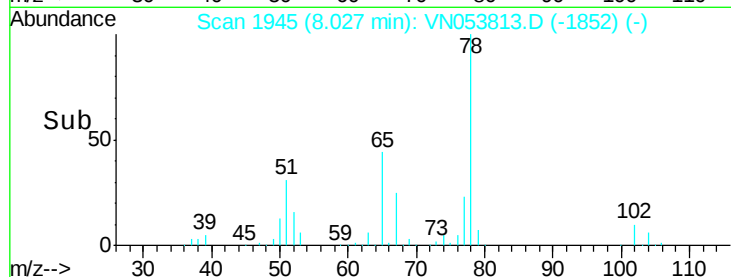
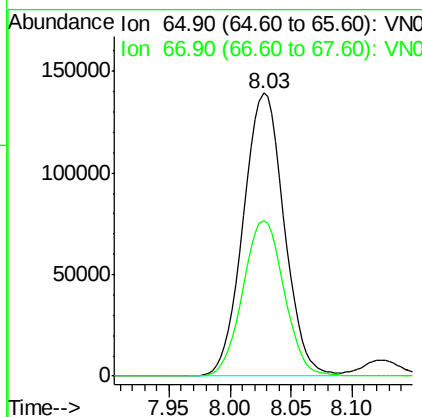
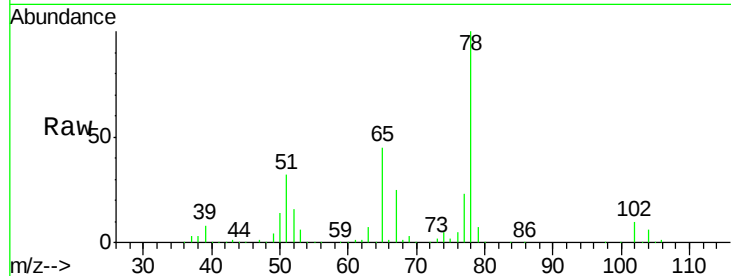




#33
 1,2-Dichloroethane-d4
 Concen: 50.701 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

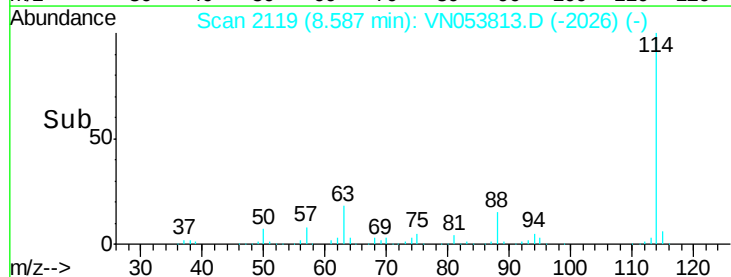
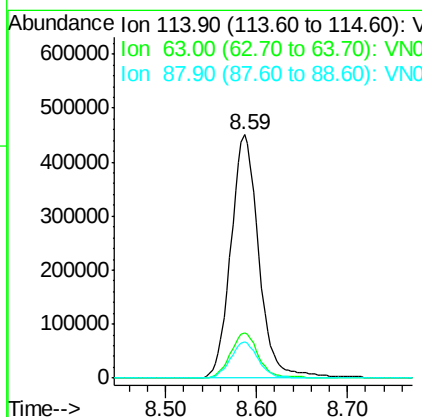
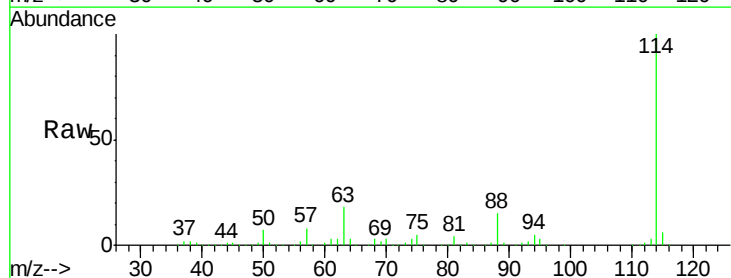
Instrument :
 MSVOA_N
 ClientSampled :

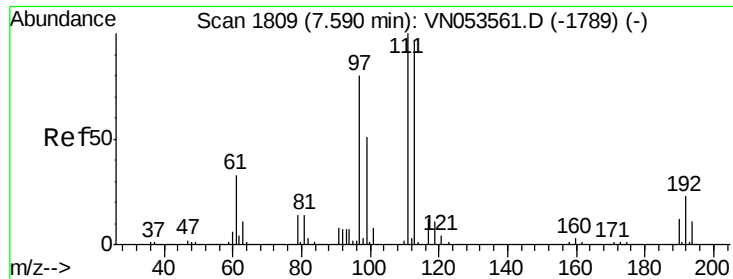
Tot Ion: 65 Resp: 323097
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 114 Resp: 962814
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.6
 88 15.0 0.0 30.4

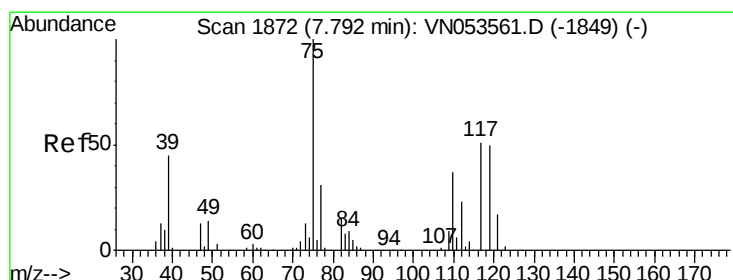
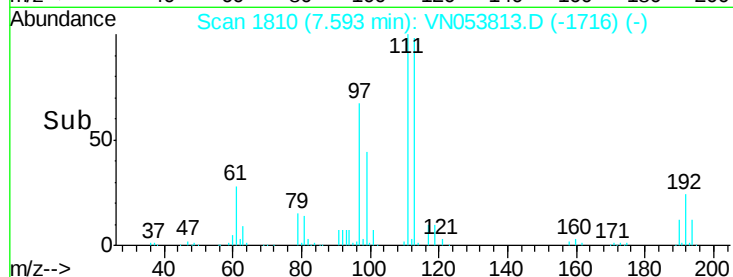
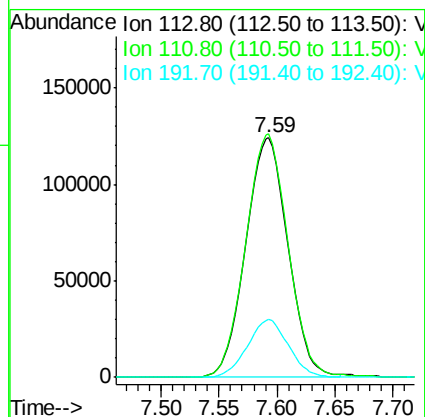
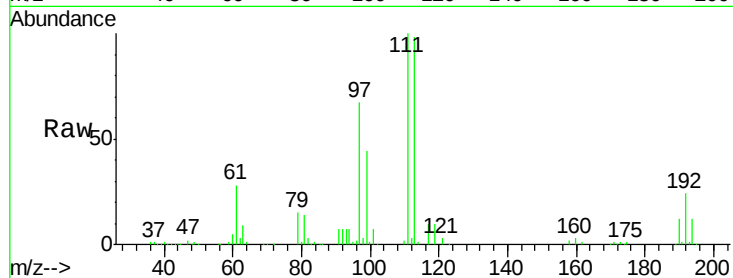




#35
 Dibromofluoromethane
 Concen: 51.569 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

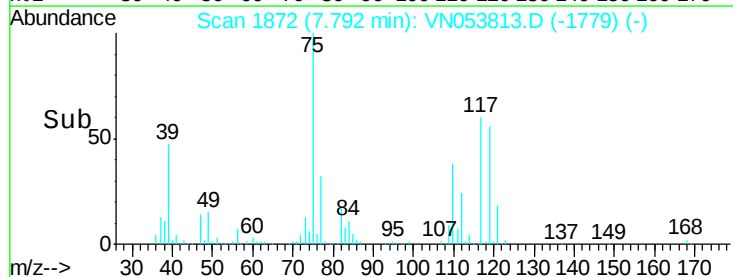
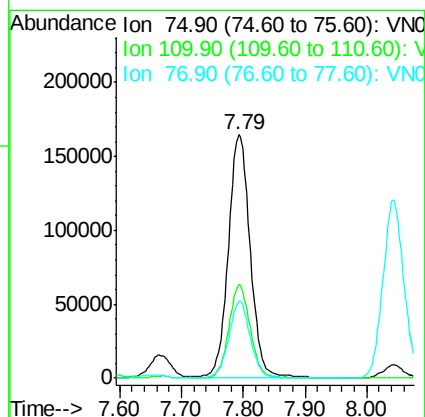
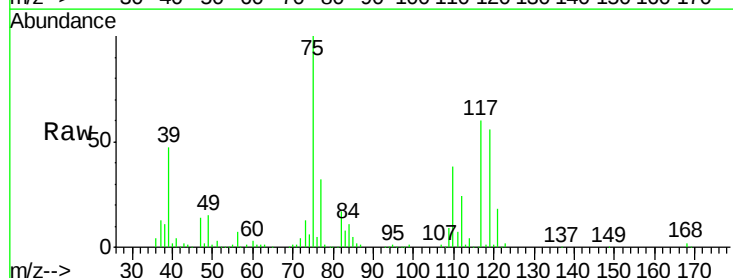
Instrument :
 MSVOA_N
 ClientSampleId :

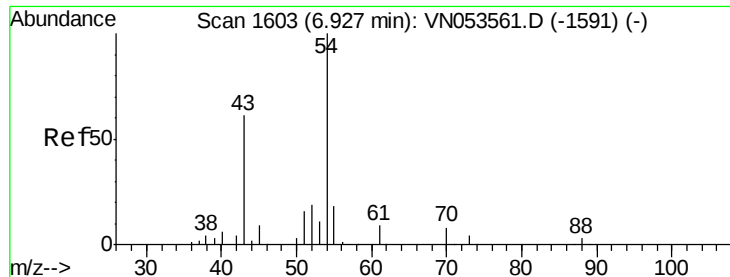
Tot Ion:113 Resp: 313735
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 23.5 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 46.587 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 75 Resp: 404334
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.3
 77 31.0 25.1 37.7

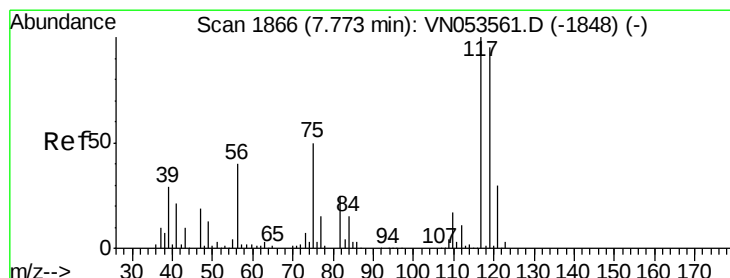
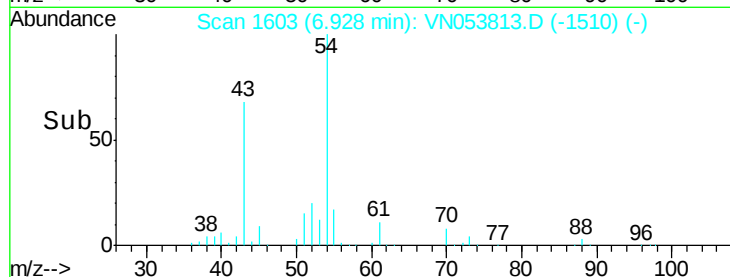
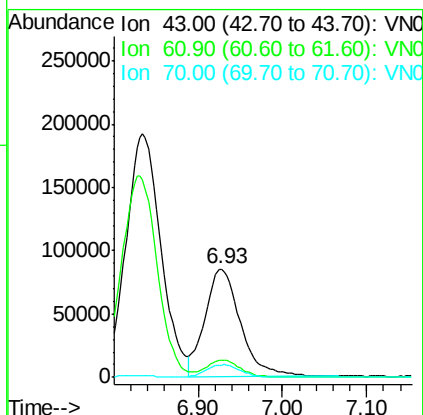
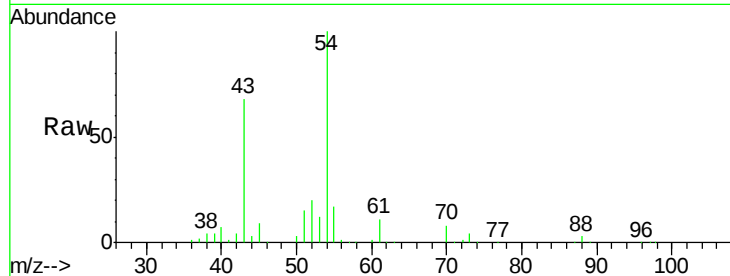




#37
Ethyl Acetate
Concen: 51.317 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

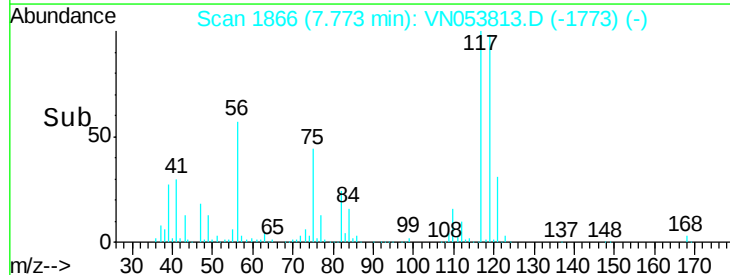
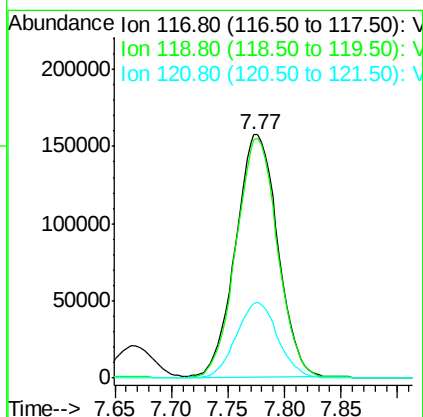
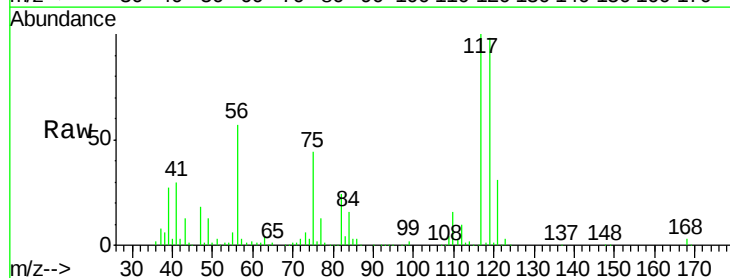
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 248751
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 46.499 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 117 Resp: 406553
Ion Ratio Lower Upper
117 100
119 98.3 77.2 115.8
121 30.9 24.6 37.0

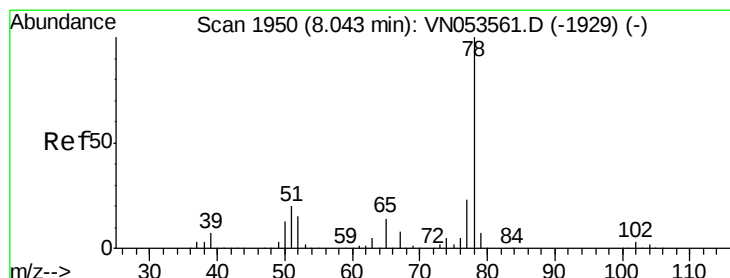
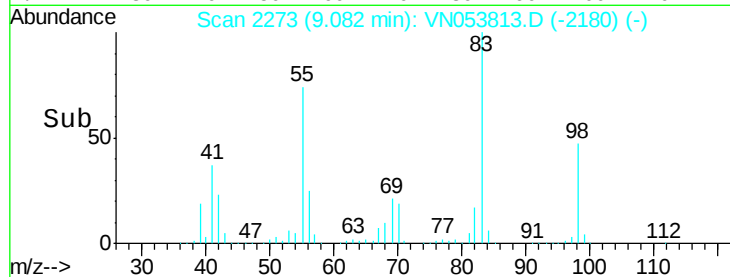
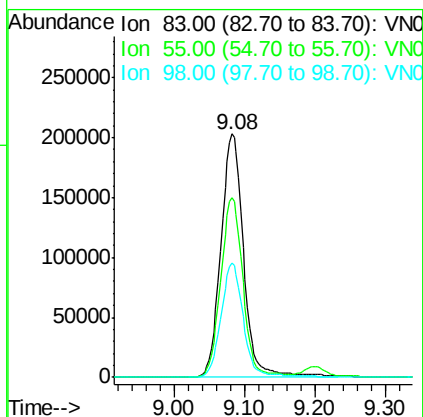
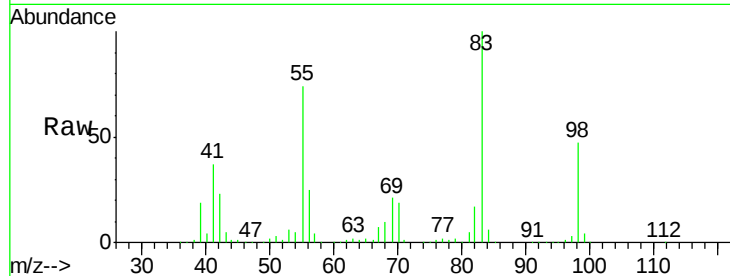




#39
Methvlcvclohexane
Concen: 44.587 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

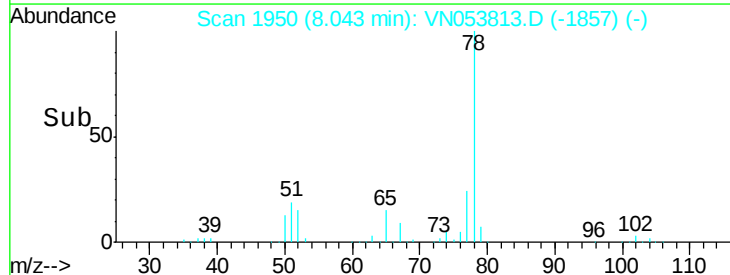
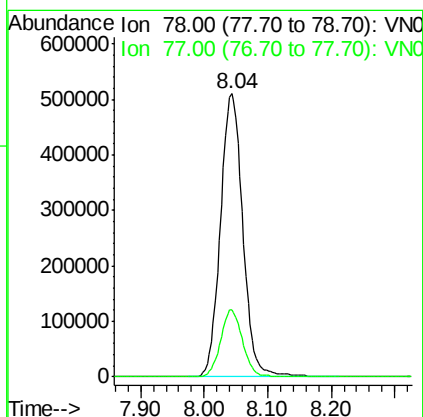
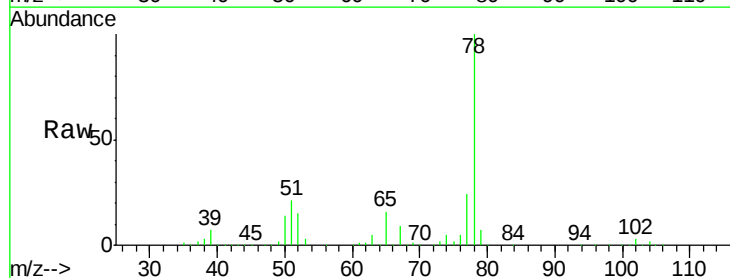
Instrument :
MSVOA_N
ClientSampleId :

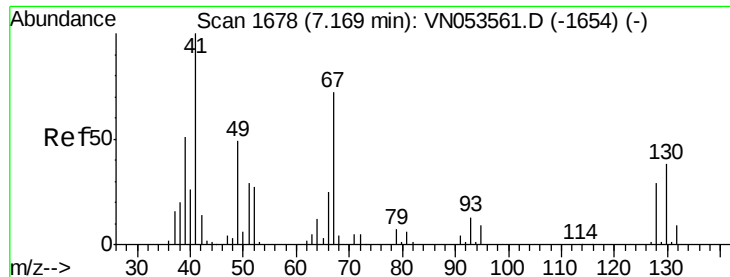
Tot Ion: 83 Resp: 459106
Ion Ratio Lower Upper
83 100
55 74.0 60.1 90.1
98 47.0 36.6 55.0



#40
Benzene
Concen: 46.720 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 78 Resp: 1250423
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

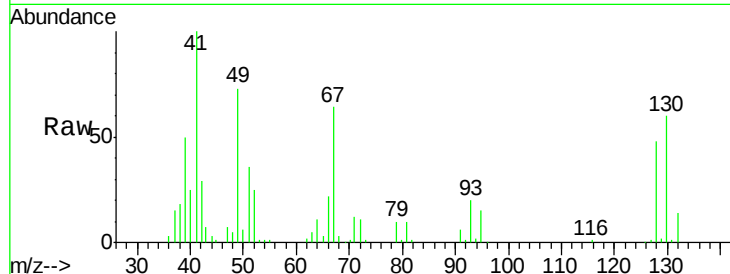




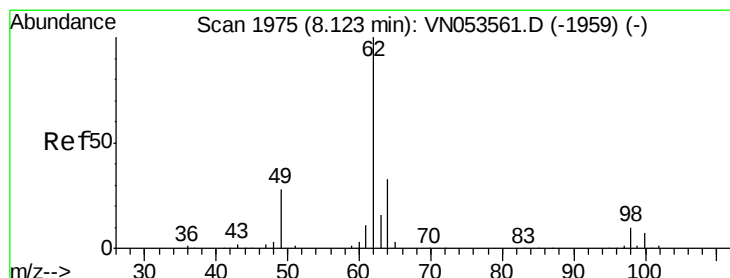
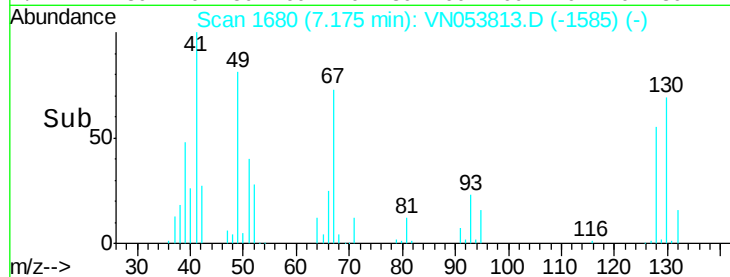
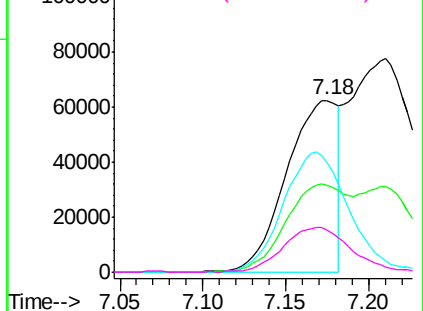
#41
Methacrylonitrile
Concen: 49.493 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	134084
Ion	Ratio	Lower	Upper
41	100		
39	63.4	46.8	70.2
67	89.9	63.0	94.6
52	34.0	23.8	35.8

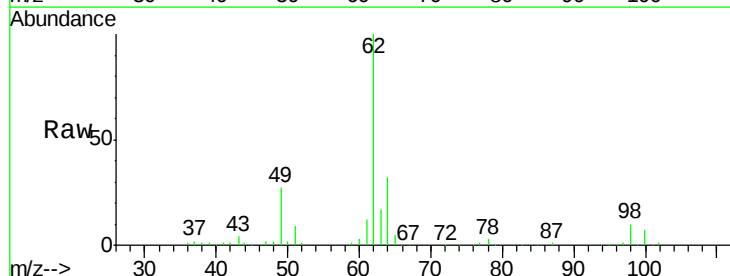


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

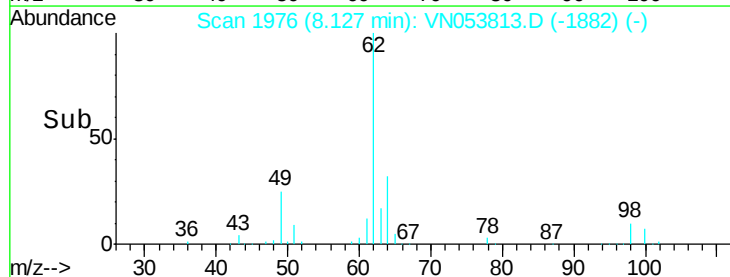
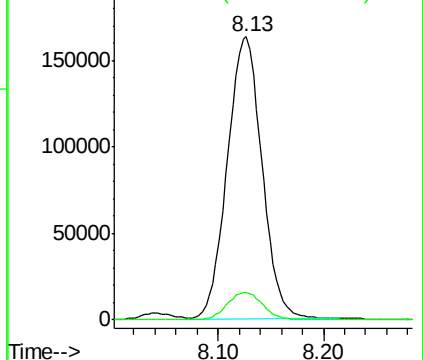


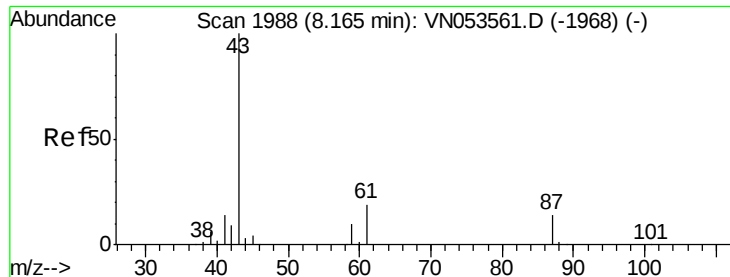
#42
1,2-Dichloroethane
Concen: 46.740 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:	62	Resp:	371440
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



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



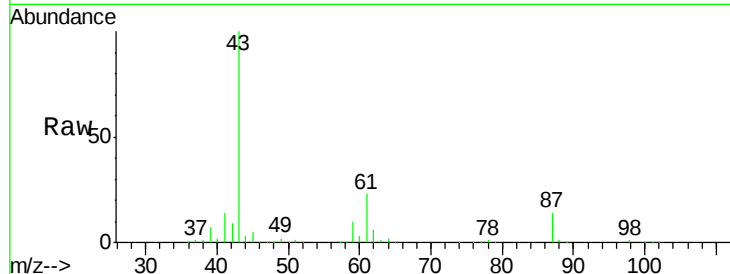


#43

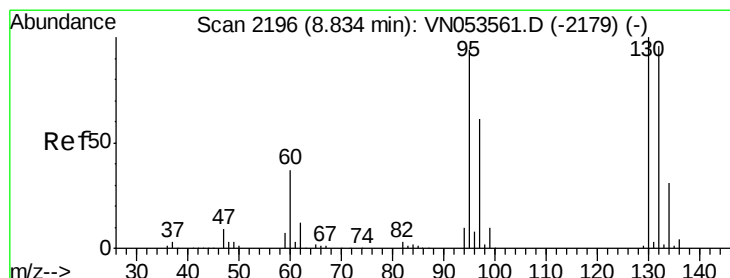
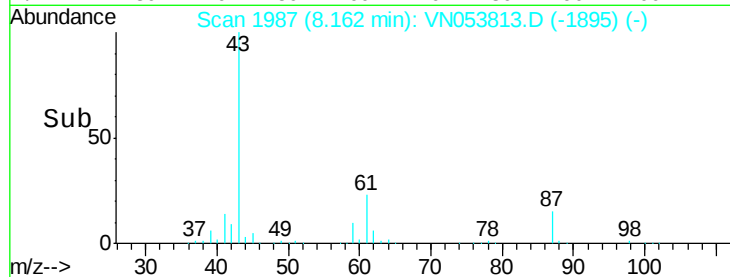
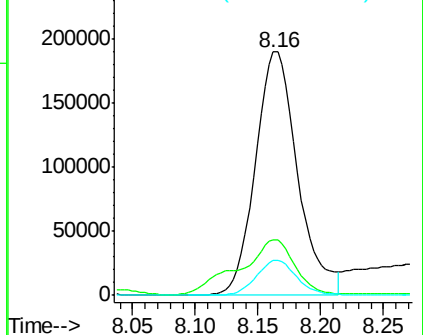
Isopropyl Acetate
 Concen: 47.466 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 444343
 Ion Ratio Lower Upper
 43 100
 61 30.3 23.9 35.9
 87 13.9 11.0 16.6



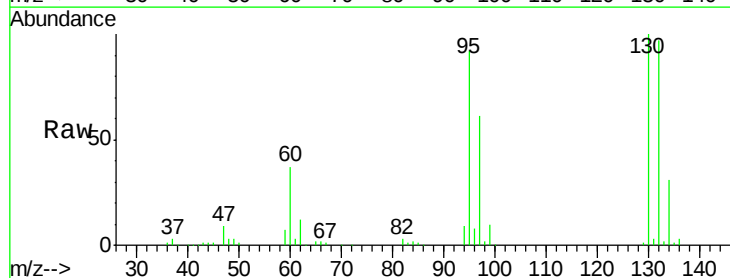
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



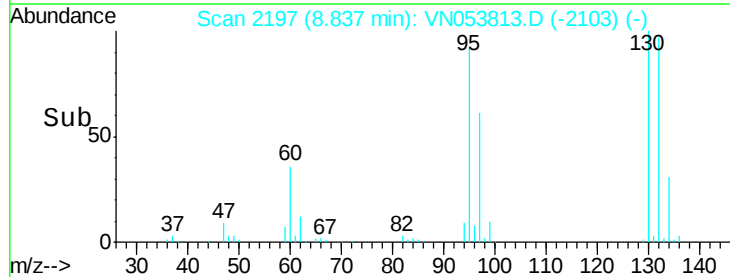
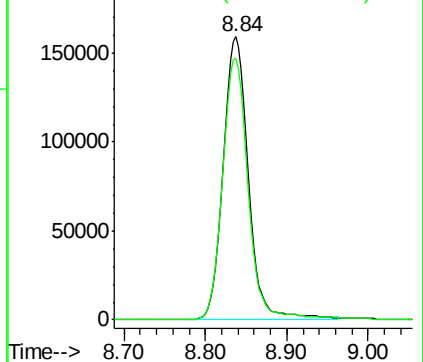
#44

Trichloroethene
 Concen: 45.981 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion:130 Resp: 350361
 Ion Ratio Lower Upper
 130 100
 95 92.3 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

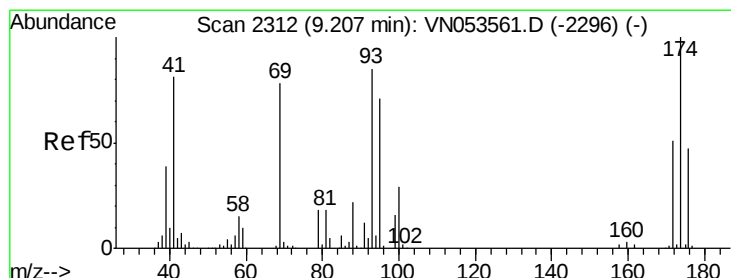
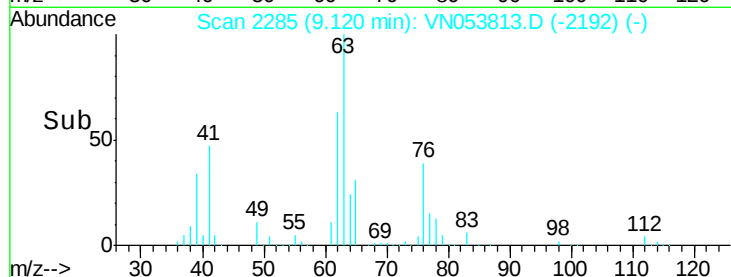
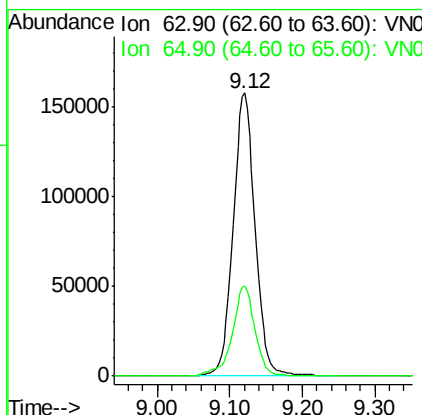
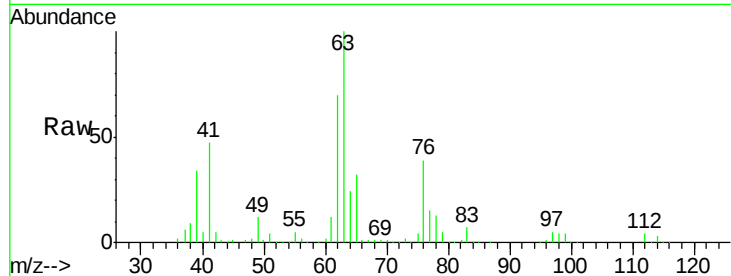




#45
 1,2-Dichloropropane
 Concen: 48.628 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

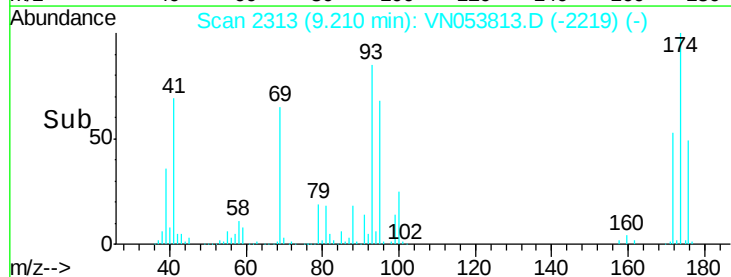
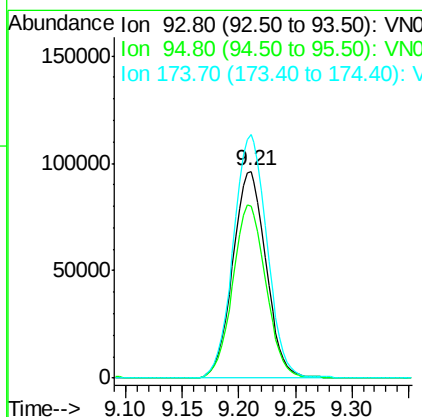
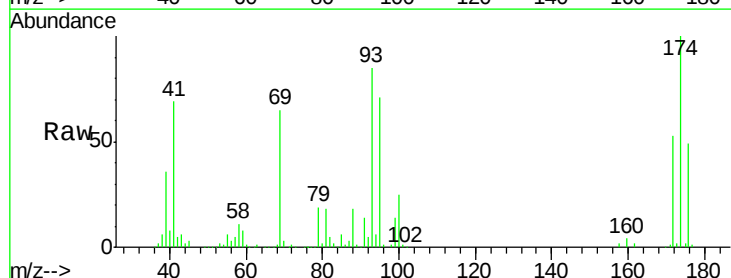
Instrument :
 MSVOA_N
 ClientSampleId :

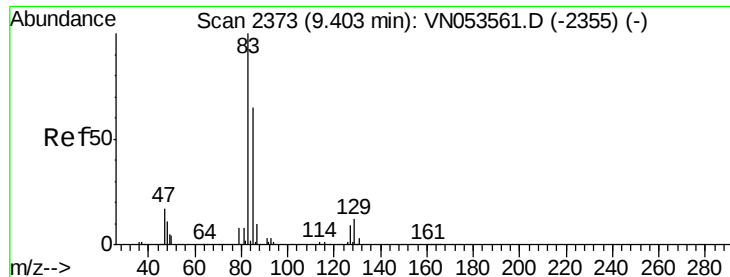
Tot Ion: 63 Resp: 332888
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4



#46
 Dibromomethane
 Concen: 47.836 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 93 Resp: 197403
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.3 100.9
 174 119.0 91.0 136.4





#47

Bromodichloromethane

Concen: 49.305 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

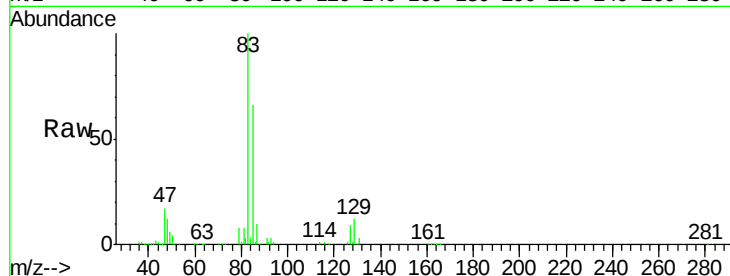
Tot Ion: 83 Resp: 423037

Ion Ratio Lower Upper

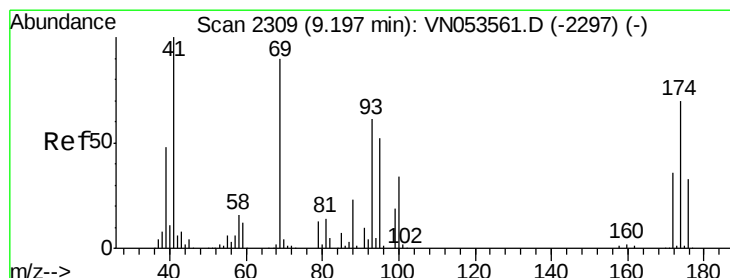
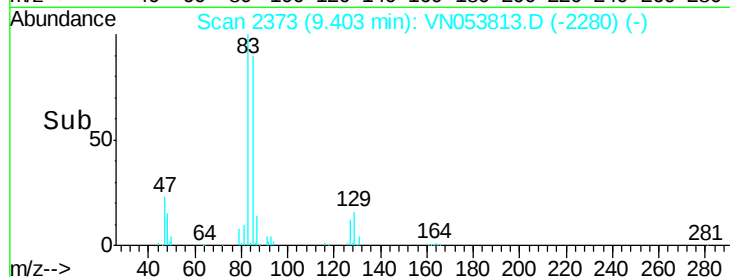
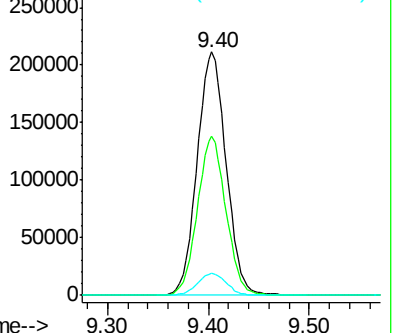
83 100

85 65.5 51.0 76.6

127 8.9 7.0 10.6



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



#48

Methyl methacrylate

Concen: 47.533 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

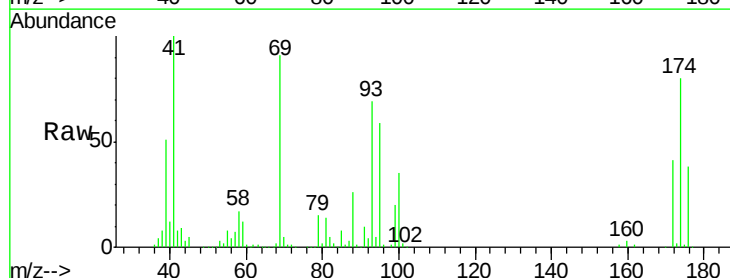
Tgt Ion: 41 Resp: 212402

Ion Ratio Lower Upper

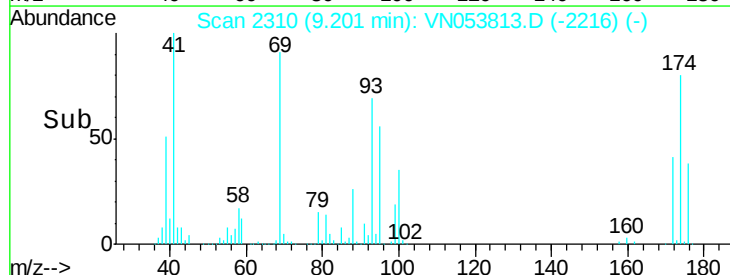
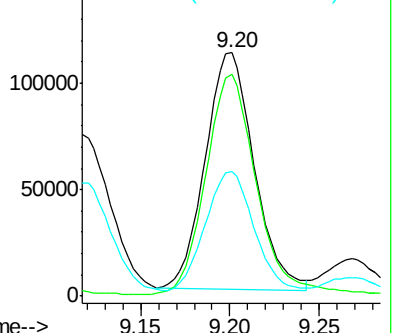
41 100

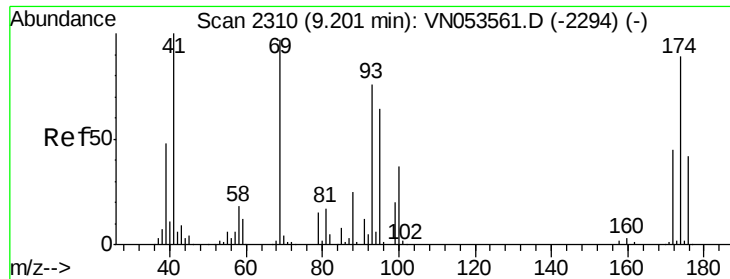
69 99.1 73.8 110.6

39 54.8 40.0 60.0



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





#49

1,4-Dioxane

Concen: 967.974 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

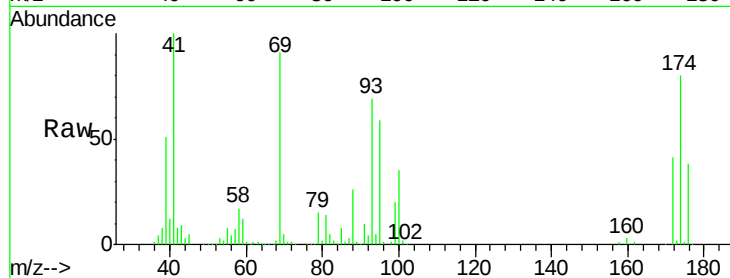
Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 62591

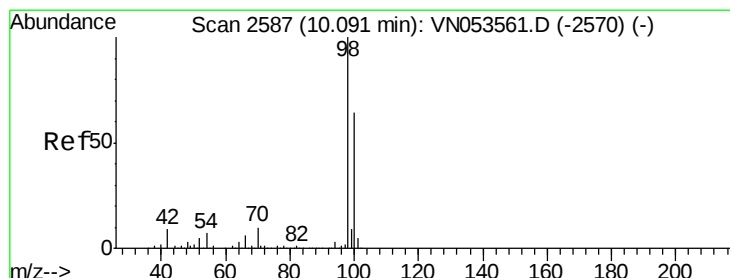
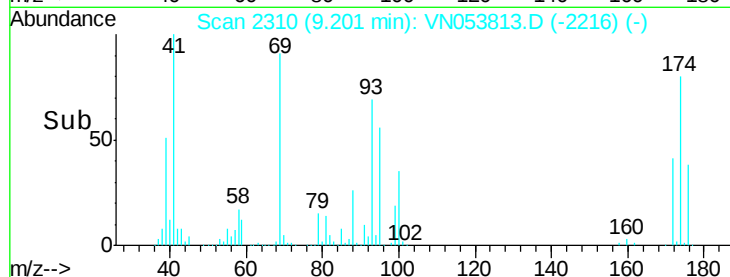
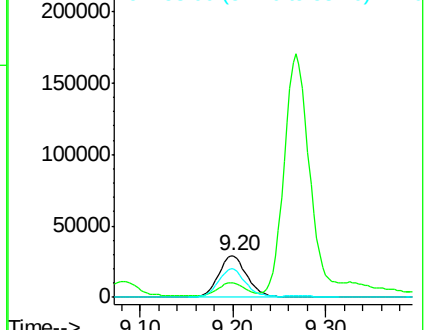
Ion	Ratio	Lower	Upper
88	100		
43	28.8	27.8	41.6
58	65.8	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053813.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053813.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053813.D (-2216) (-)



#50

Toluene-d8

Concen: 49.893 ug/l

RT: 10.09 min Scan# 2587

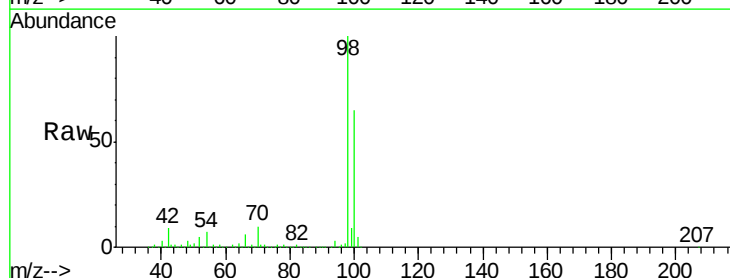
Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

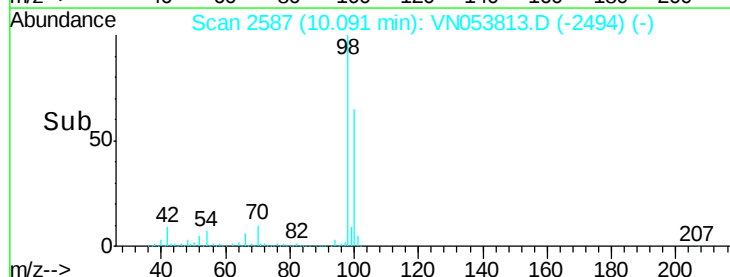
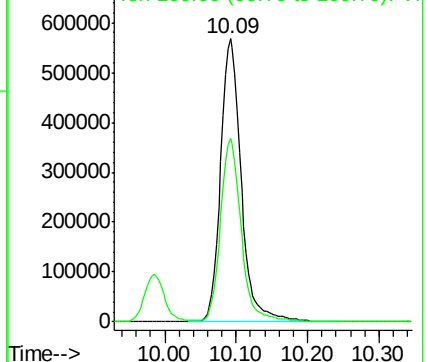
Tgt Ion: 98 Resp: 1139719

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053813.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053813.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 258.733 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

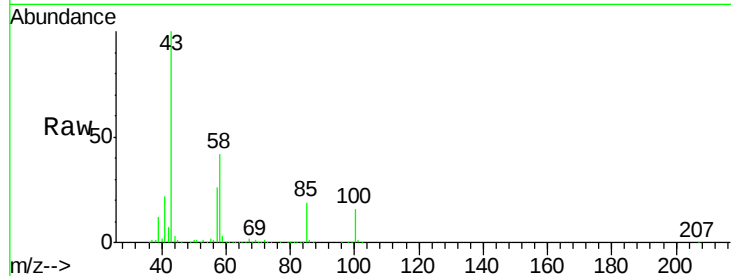
ClientSampled :

Tot Ion: 43 Resp: 1190211

Ion Ratio Lower Upper

43 100

58 41.1 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

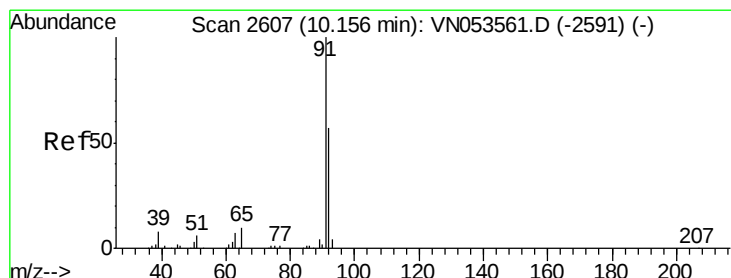
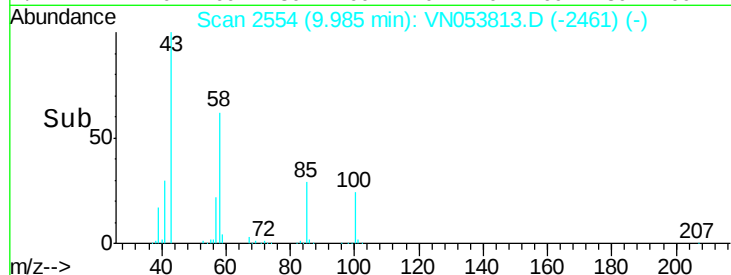
400000

200000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 47.329 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053813.D

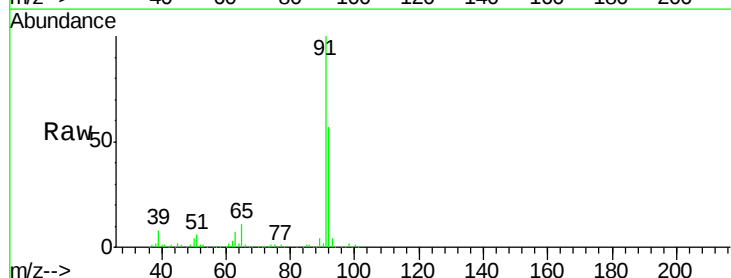
Acq: 15 Feb 2019 21:06

Tgt Ion: 92 Resp: 751803

Ion Ratio Lower Upper

92 100

91 175.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

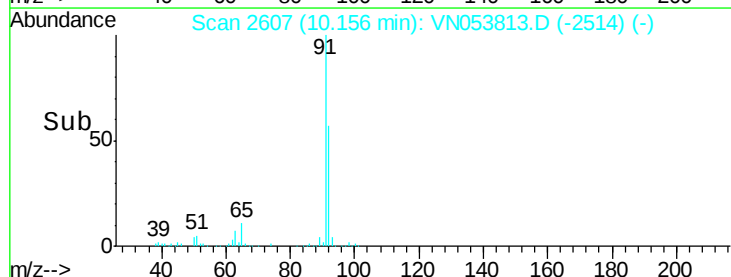
400000

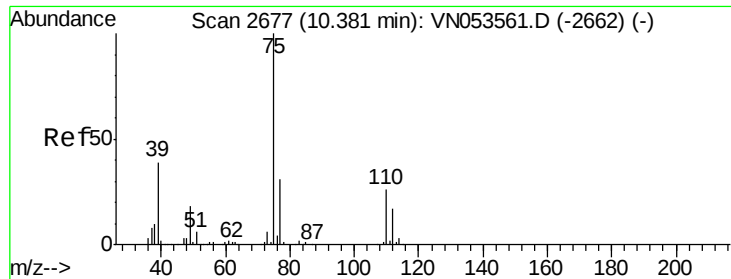
200000

0

10.10 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.599 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

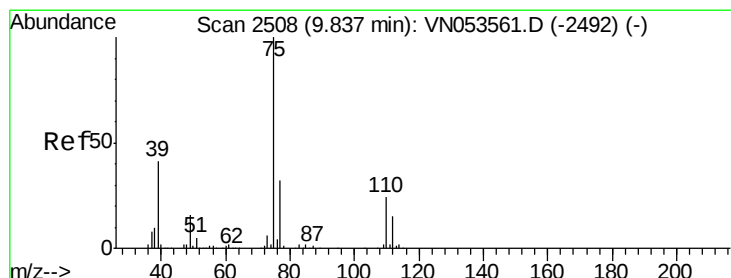
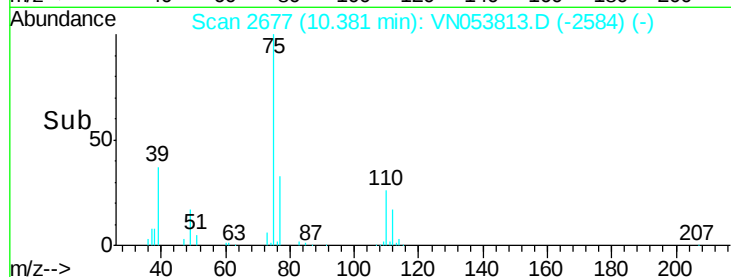
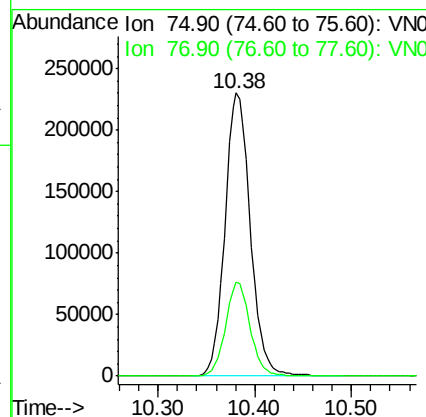
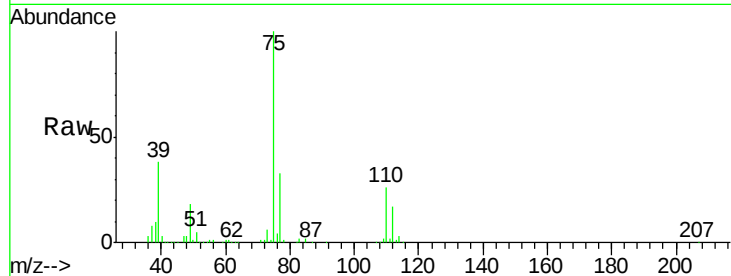
ClientSampleId :

Tot Ion: 75 Resp: 417546

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 47.652 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

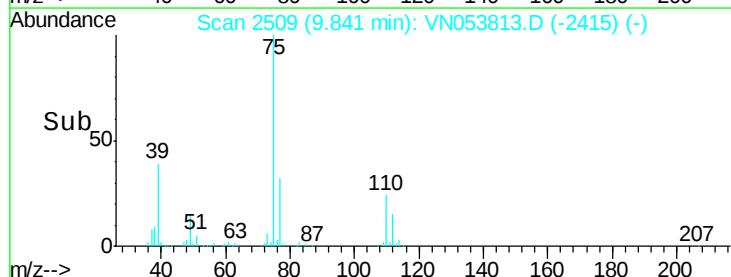
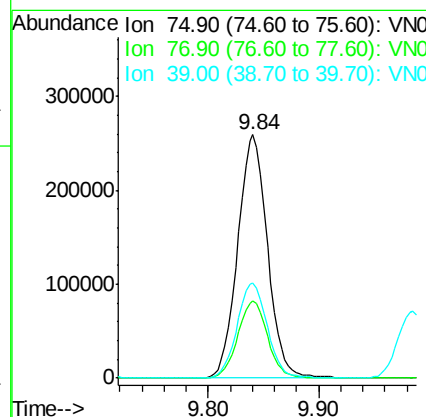
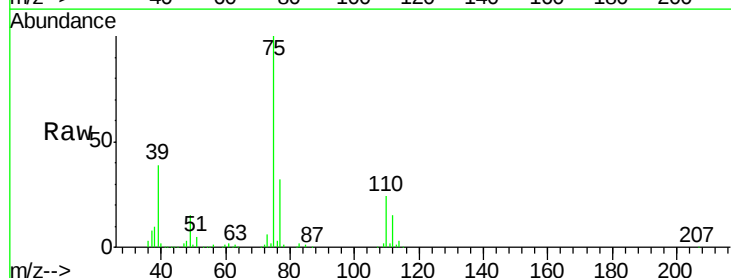
Tgt Ion: 75 Resp: 485143

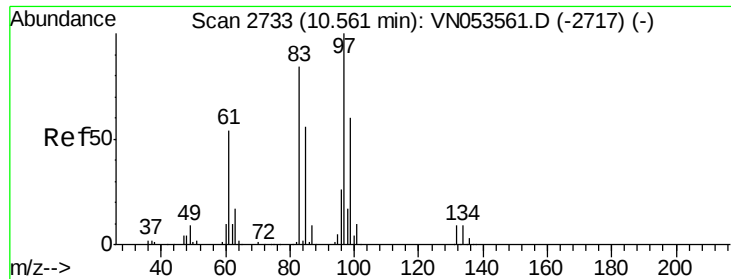
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 39.2 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 49.840 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 285274

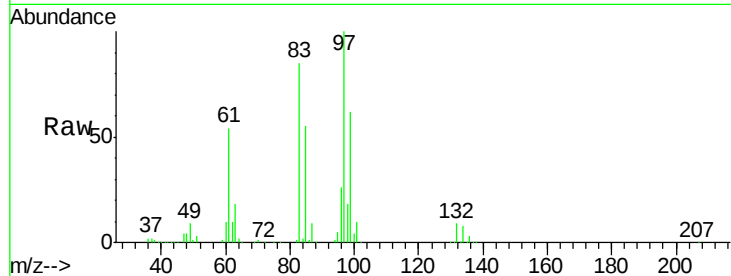
Ion Ratio Lower Upper

97 100

83 85.0 70.1 105.1

85 55.2 45.4 68.0

99 62.2 49.8 74.8

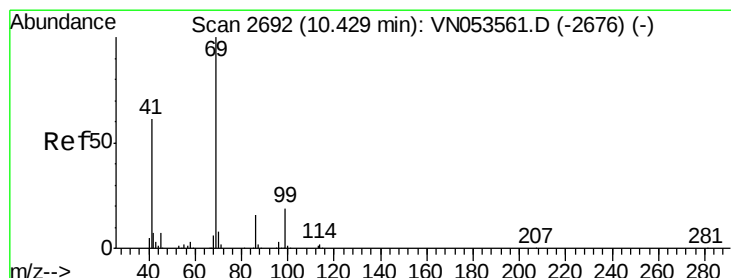
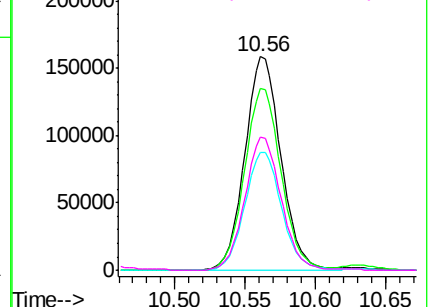
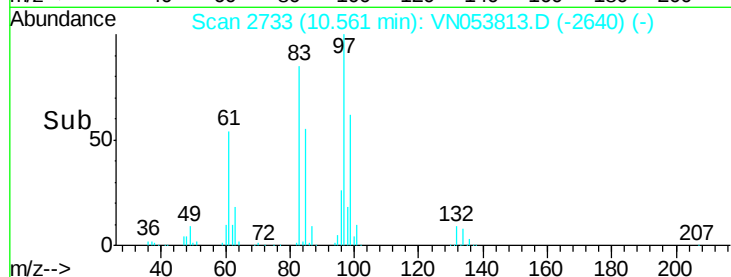


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 51.588 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

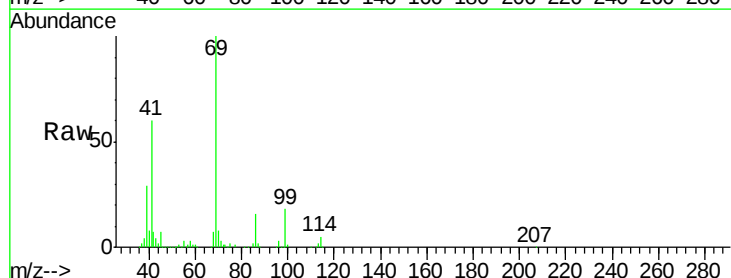
Tgt Ion: 69 Resp: 349317

Ion Ratio Lower Upper

69 100

41 59.4 49.4 74.0

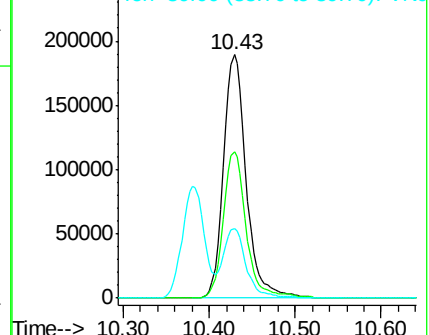
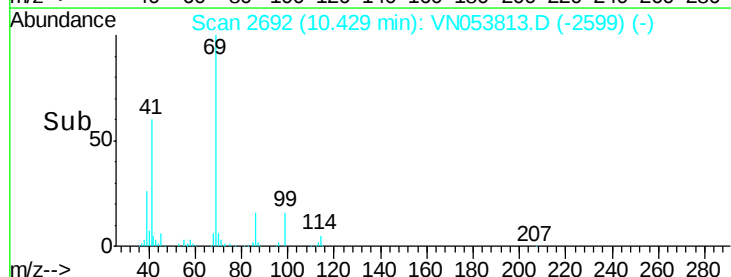
39 28.9 23.3 34.9

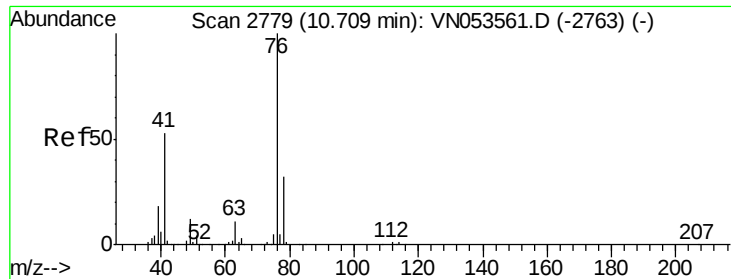


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

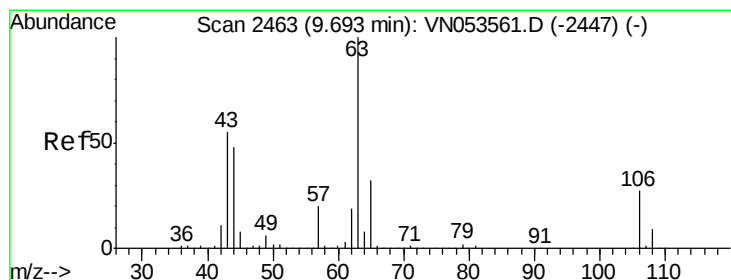
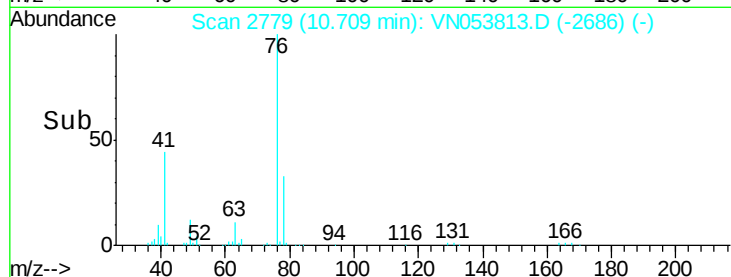
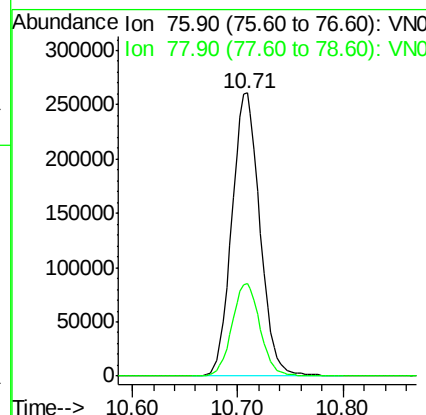
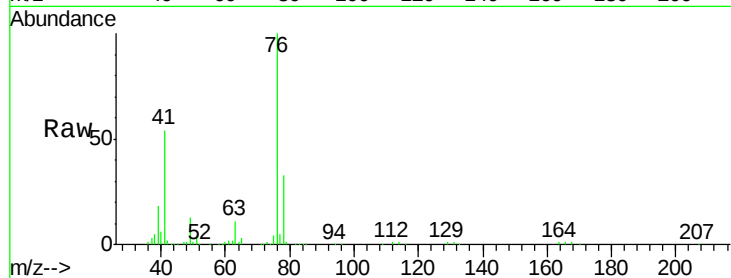




#57
 1,3-Dichloropropane
 Concen: 48.940 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

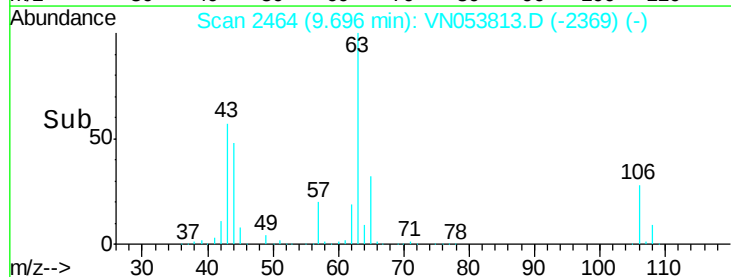
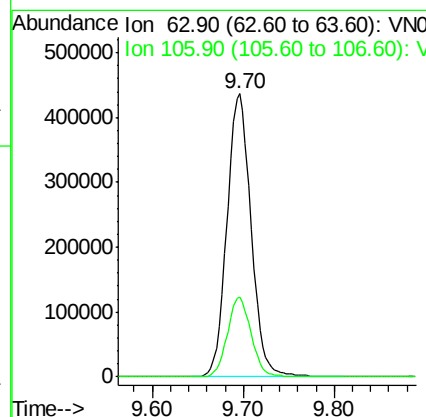
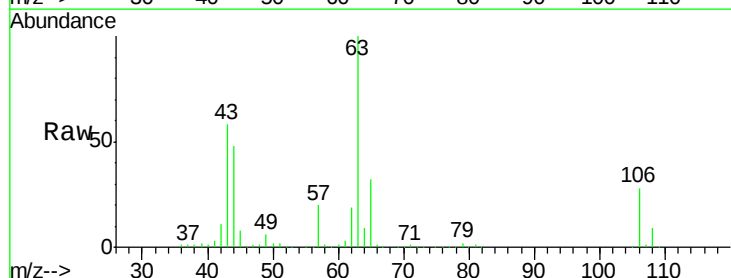
Instrument :
 MSVOA_N
 ClientSampleId :

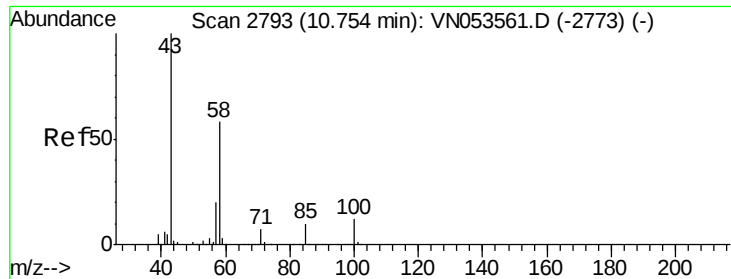
Tot Ion: 76 Resp: 478747
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 193.689 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion: 63 Resp: 805549
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.5 32.3

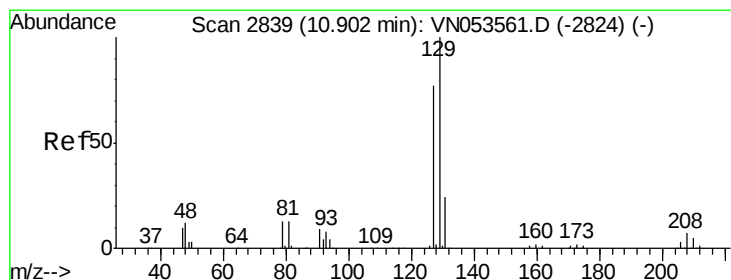
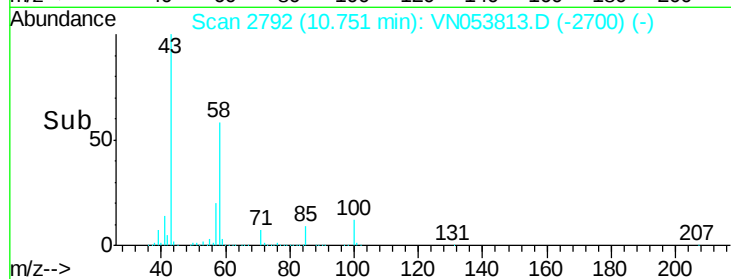
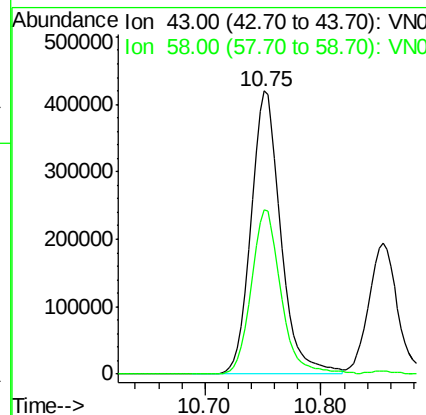
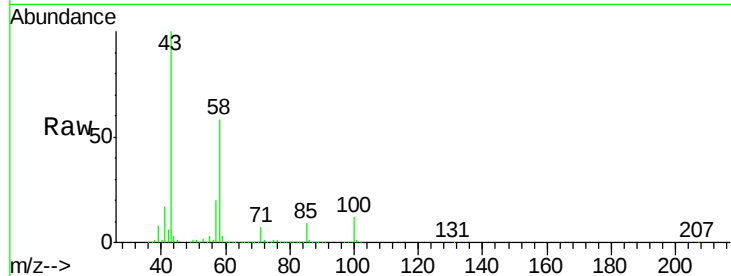




#59
2-Hexanone
Concen: 239.686 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

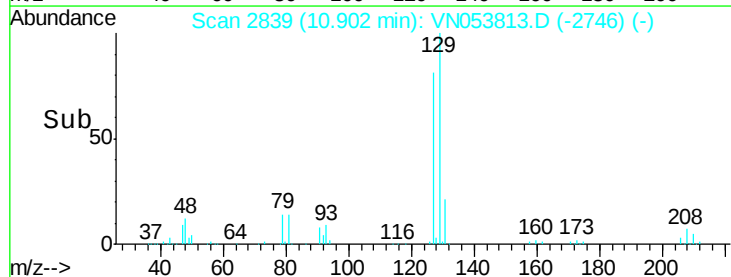
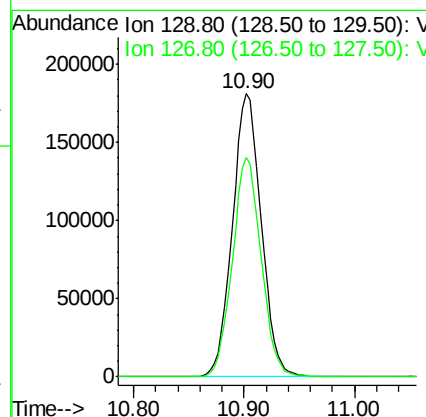
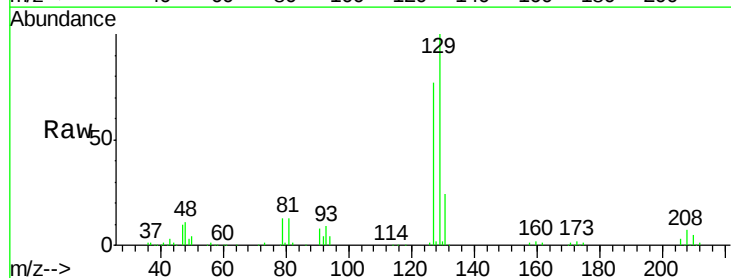
Instrument :
MSVOA_N
ClientSampleId :

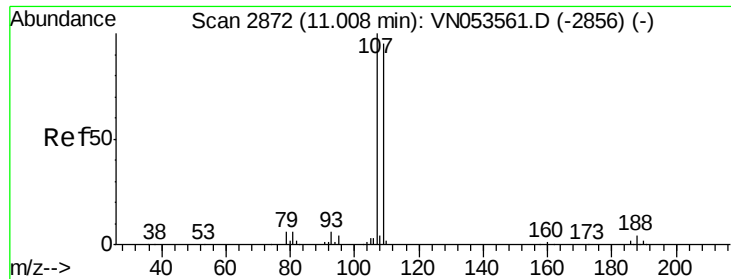
Tot Ion: 43 Resp: 748517
Ion Ratio Lower Upper
43 100
58 58.3 28.6 85.8



#60
Dibromochloromethane
Concen: 50.909 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 129 Resp: 328600
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.378 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

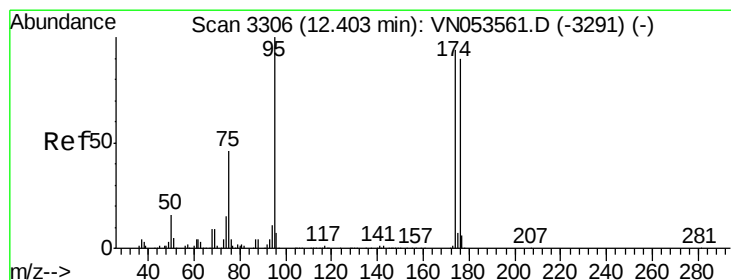
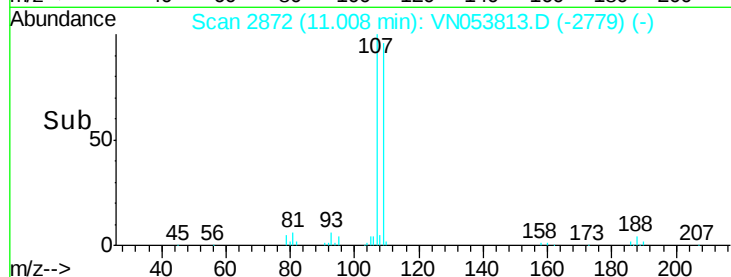
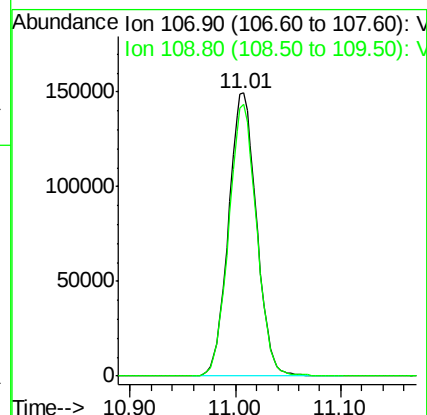
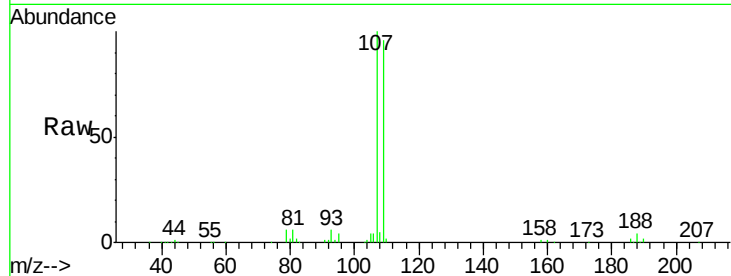
ClientSampleId :

Tot Ion:107 Resp: 274077

Ion Ratio Lower Upper

107 100

109 95.5 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 51.878 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

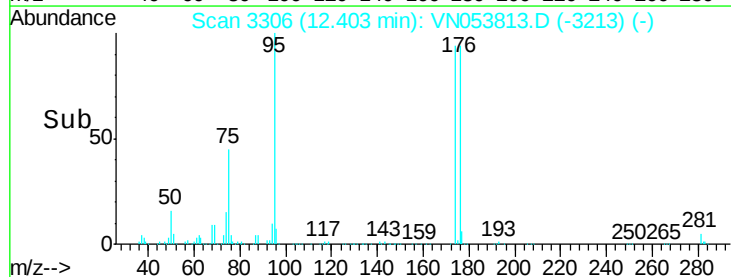
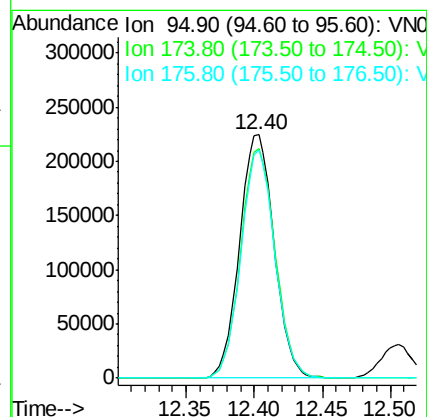
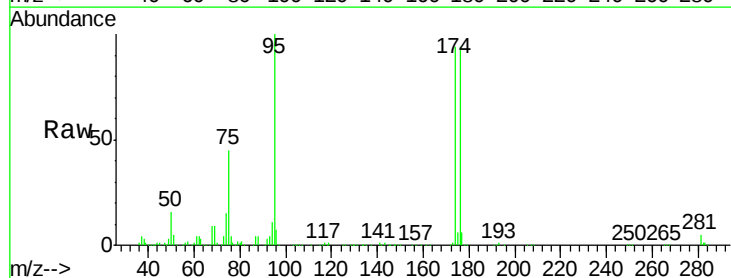
Tgt Ion: 95 Resp: 395241

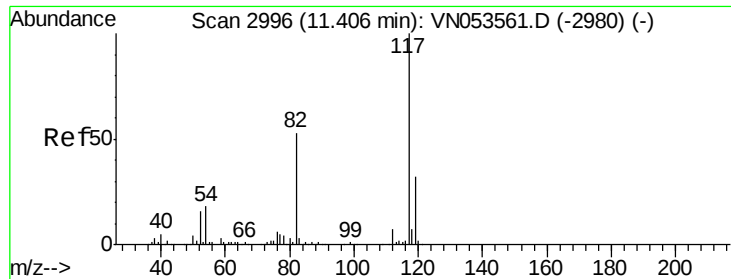
Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

176 91.7 0.0 177.4

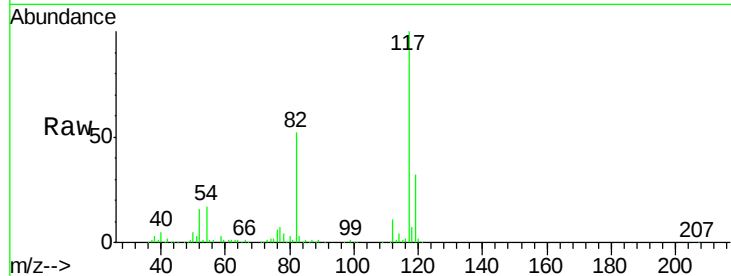




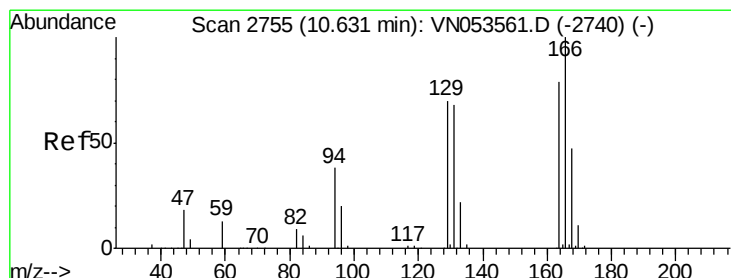
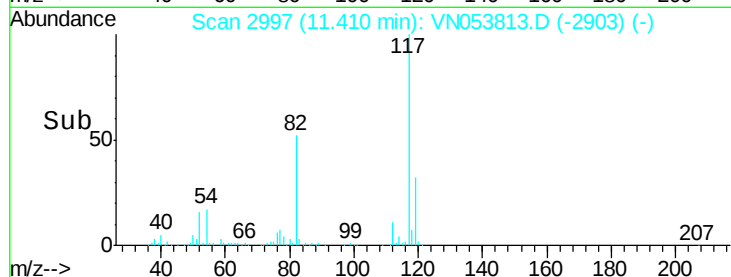
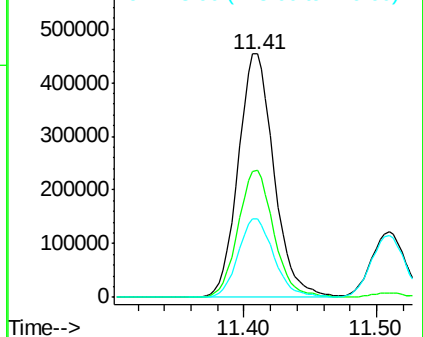
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 849570
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 32.1 26.0 39.0

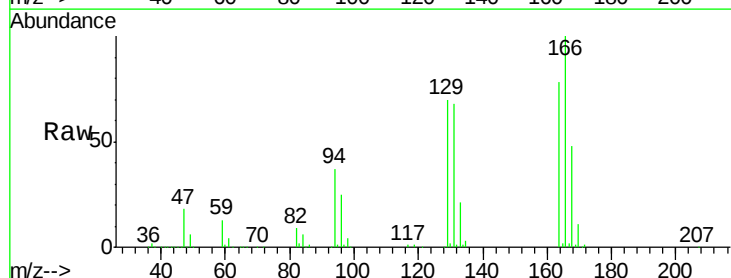


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

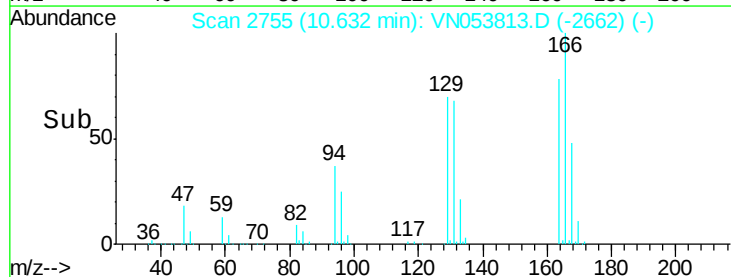
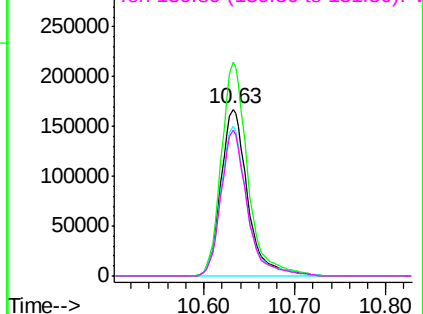


#64
Tetrachloroethene
Concen: 46.796 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:164 Resp: 340797
Ion Ratio Lower Upper
164 100
166 128.0 102.2 153.4
129 89.7 72.6 109.0
131 87.5 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

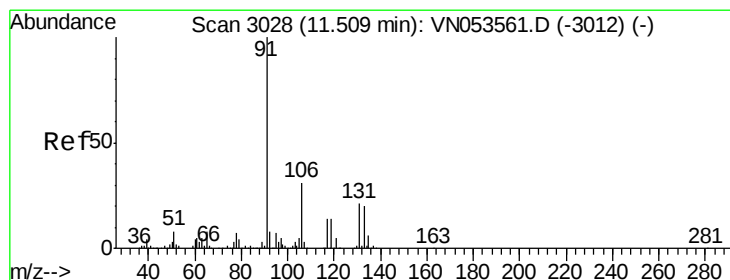
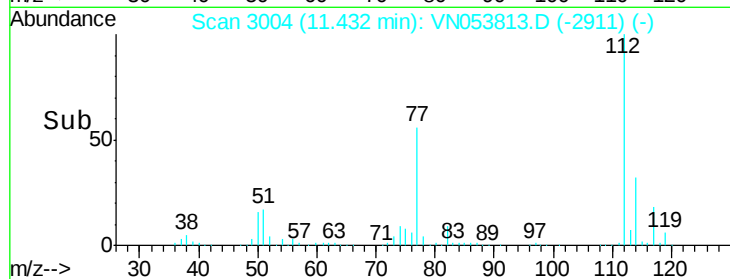
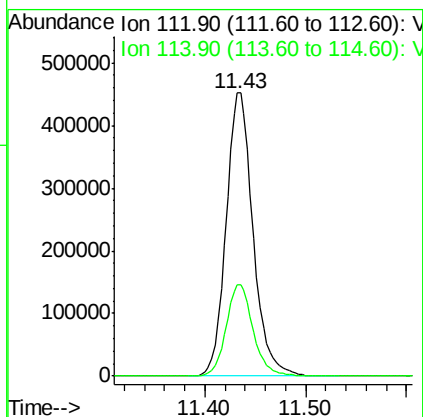
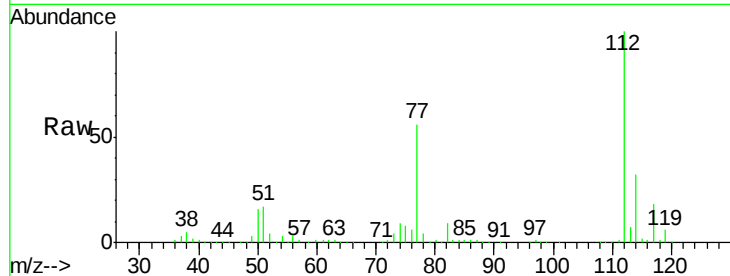




#65
Chlorobenzene
Concen: 46.593 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

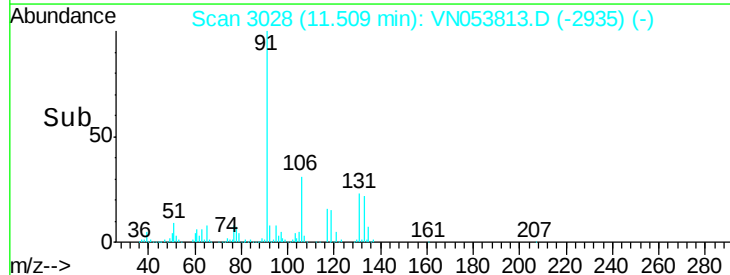
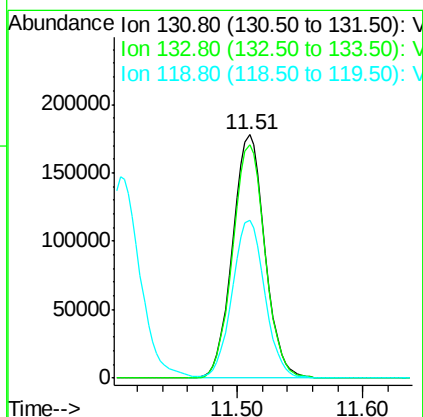
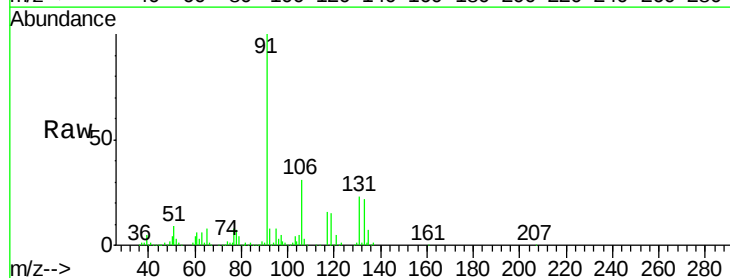
Instrument :
MSVOA_N
ClientSampled :

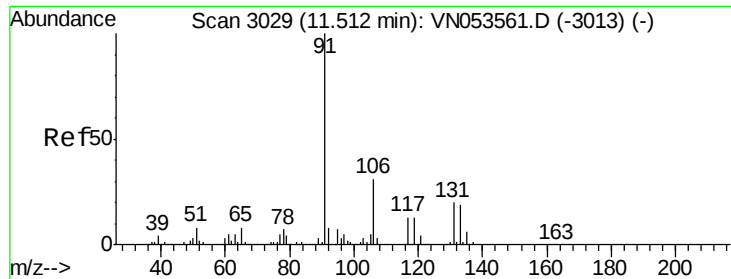
Tot Ion:112 Resp: 840815
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.427 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:131 Resp: 317804
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 65.7 33.5 100.5

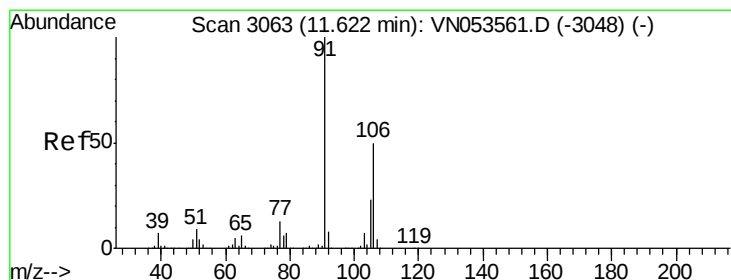
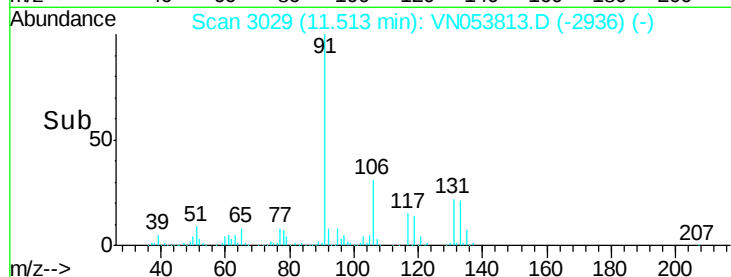
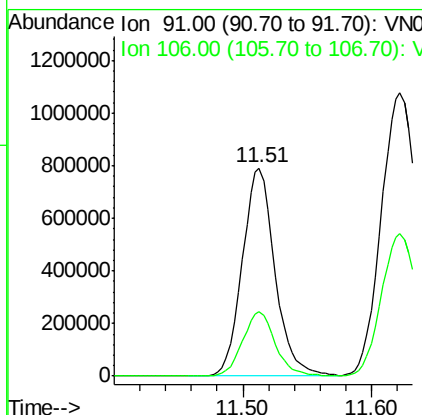
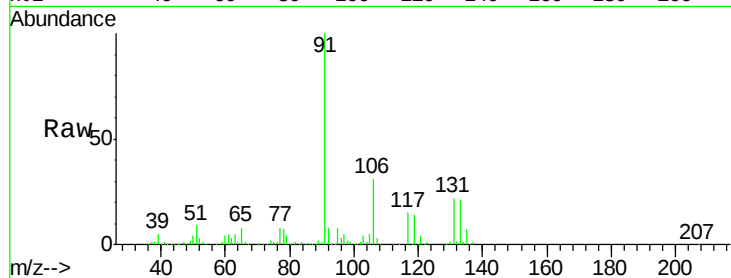




#67
Ethyl Benzene
Concen: 47.030 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

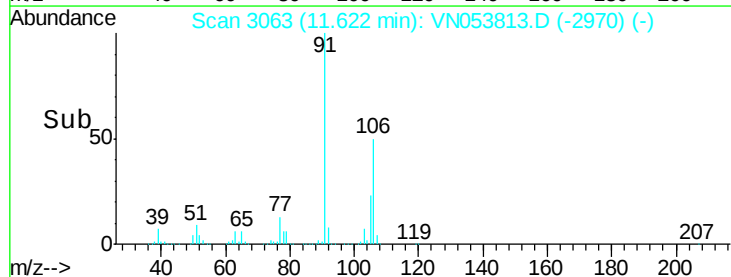
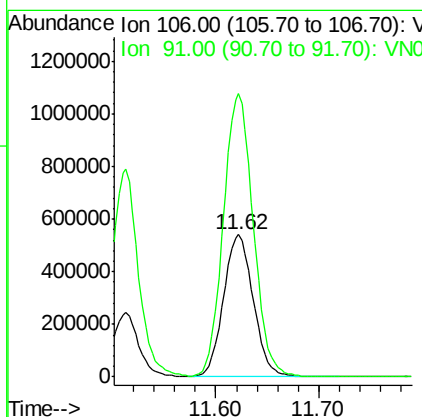
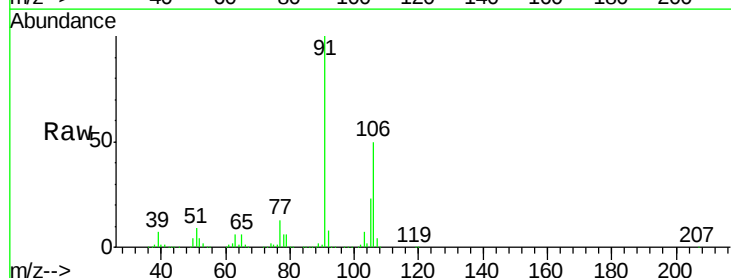
Instrument :
MSVOA_N
ClientSampled :

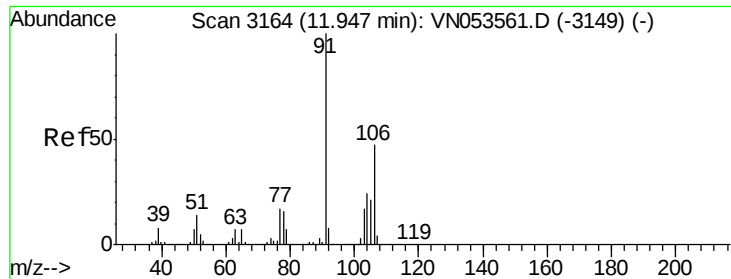
Tot Ion: 91 Resp: 1394139
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 96.167 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 106 Resp: 1088019
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.2

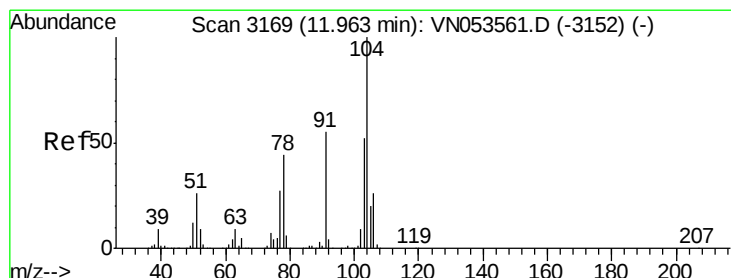
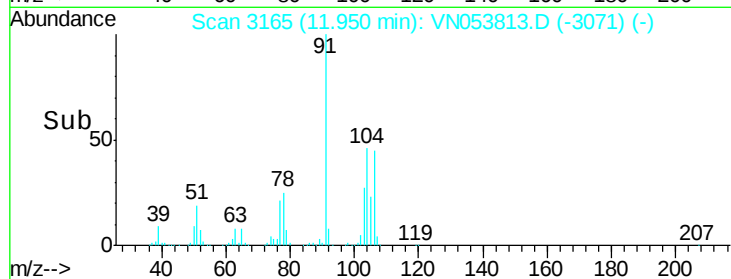
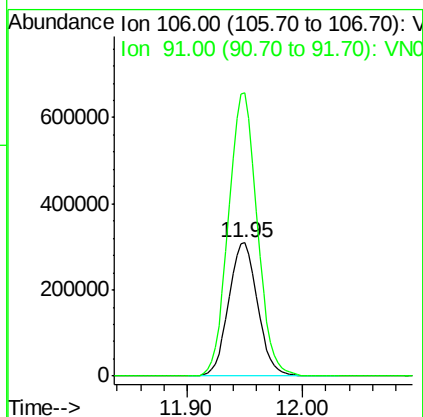
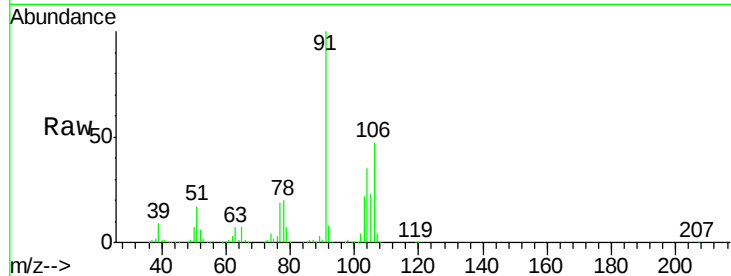




#69
o-Xylene
Concen: 48.620 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

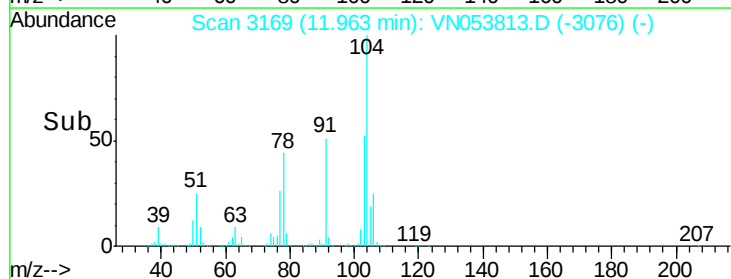
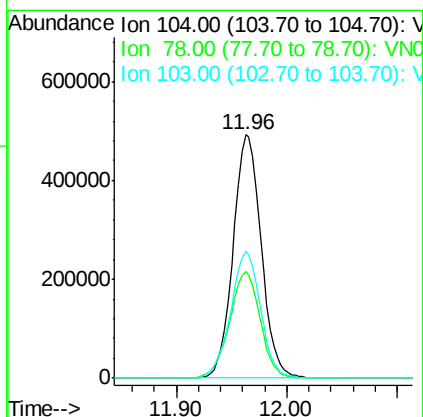
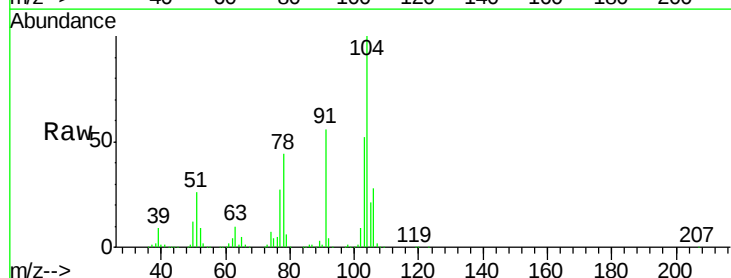
Instrument :
MSVOA_N
ClientSampled :

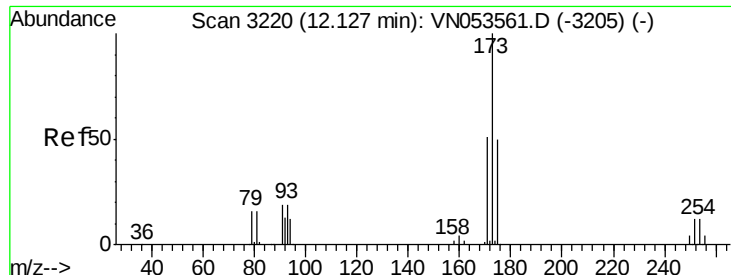
Tot Ion:106 Resp: 531431
Ion Ratio Lower Upper
106 100
91 211.5 106.9 320.8



#70
Styrene
Concen: 49.073 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:104 Resp: 869373
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 55.5 44.4 66.6

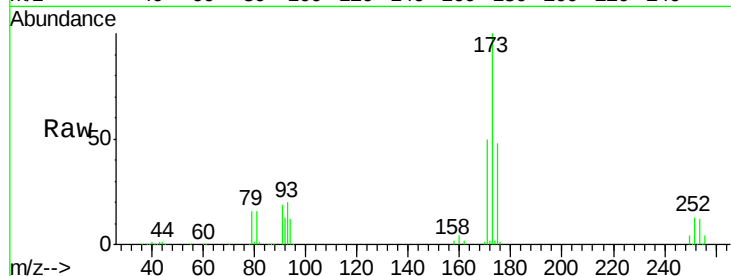




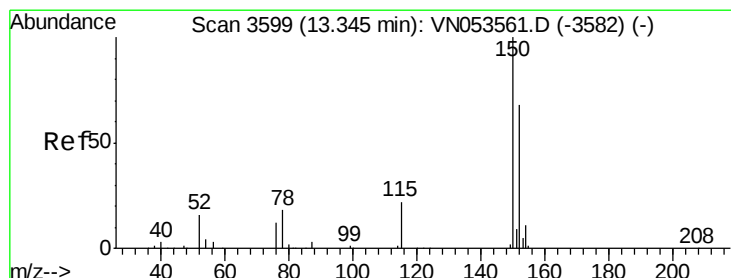
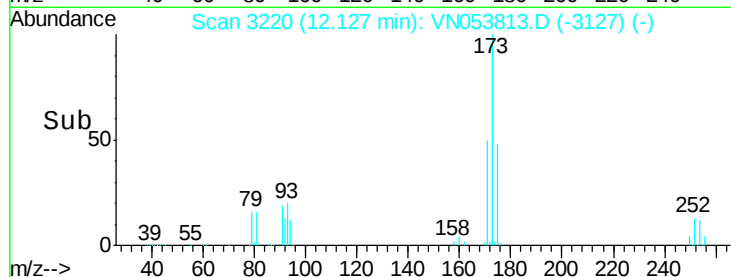
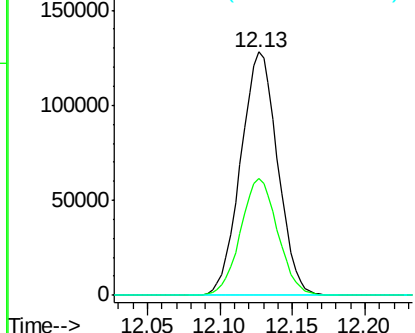
#71
Bromoform
Concen: 52.594 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 227245
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.1 0.2 0.2#

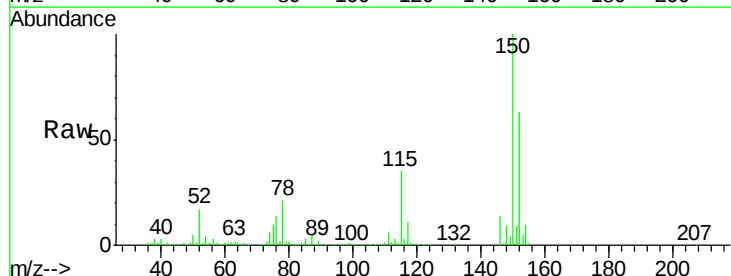


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

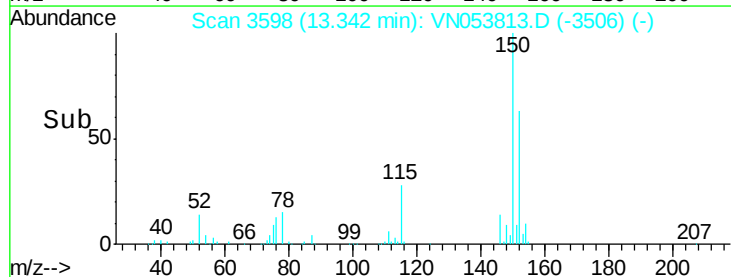
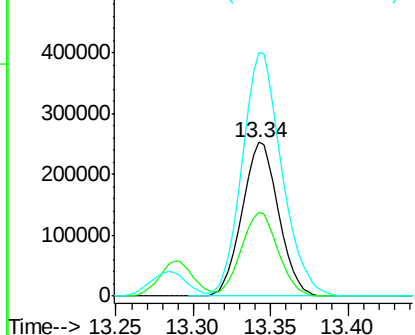


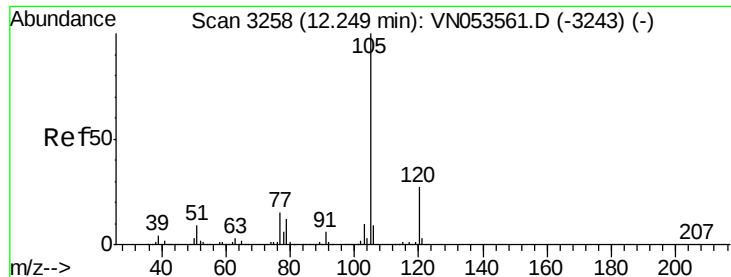
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:152 Resp: 413729
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 172.3 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: 47.640 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

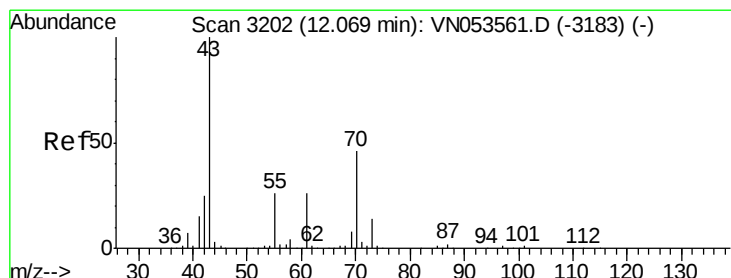
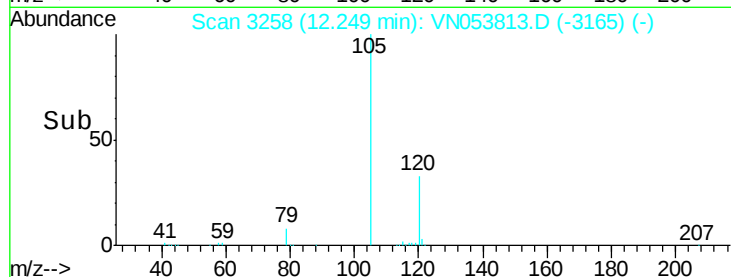
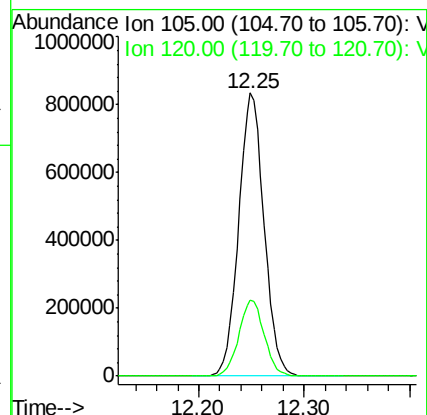
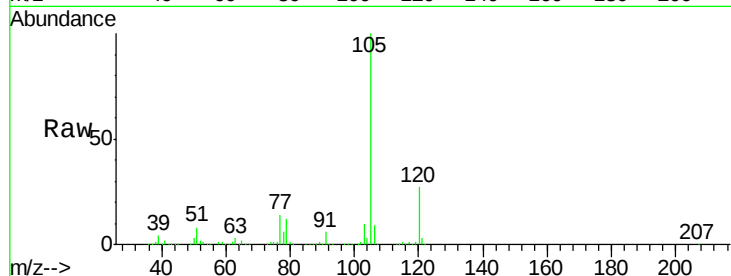
ClientSampleId :

Tot Ion:105 Resp: 1385591

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 48.962 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Tgt Ion: 43 Resp: 342436

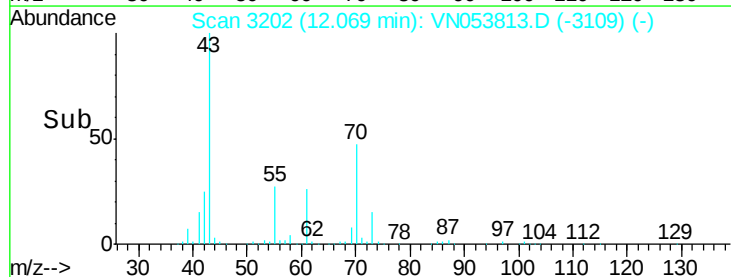
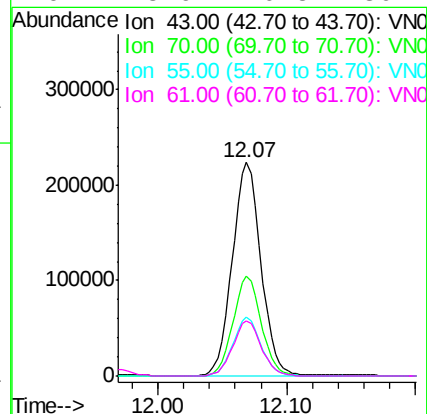
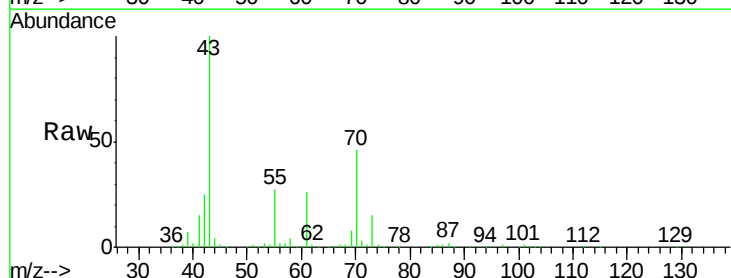
Ion Ratio Lower Upper

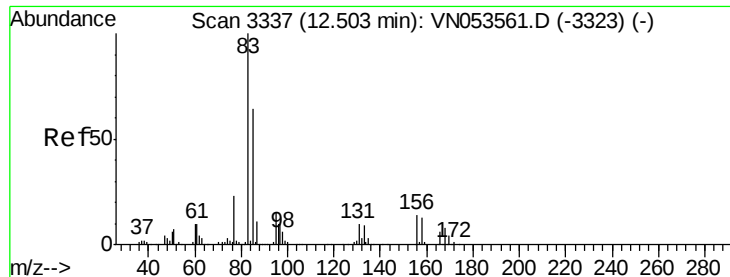
43 100

70 46.5 35.4 53.2

55 27.1 20.9 31.3

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.076 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampled :

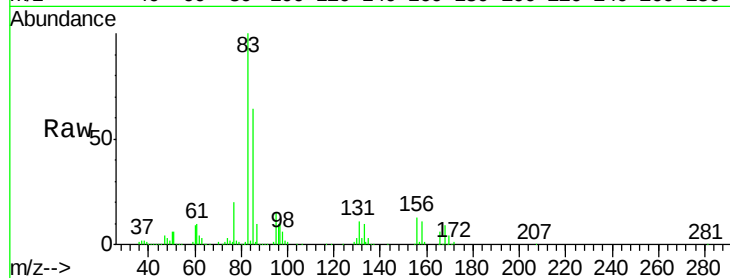
Tot Ion: 83 Resp: 341600

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

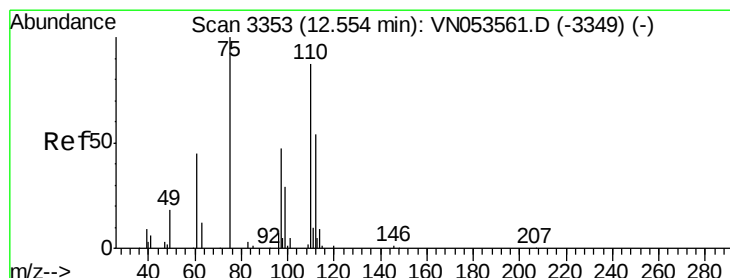
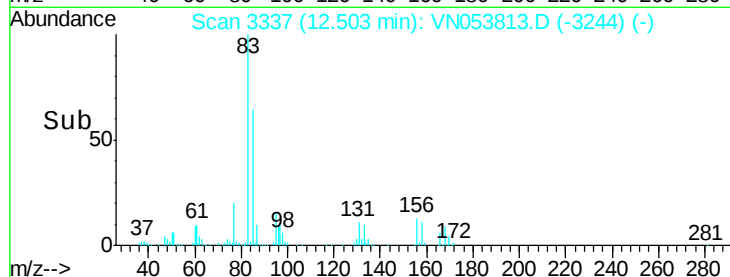
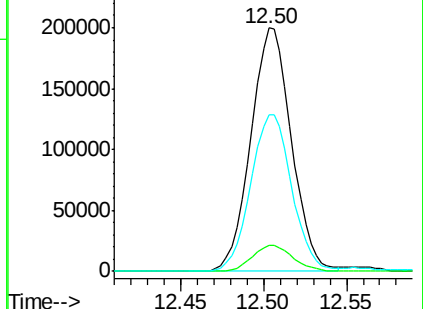
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053813.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053813.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053813.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 76.819 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053813.D

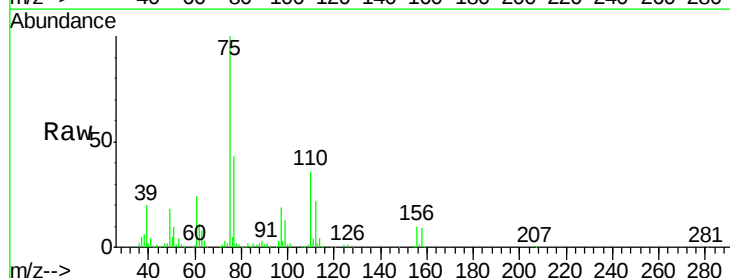
Acq: 15 Feb 2019 21:06

Tgt Ion: 75 Resp: 408223

Ion Ratio Lower Upper

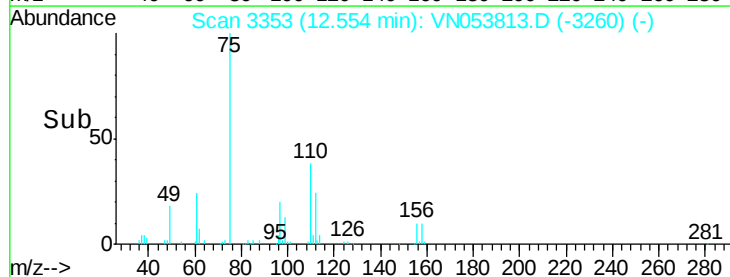
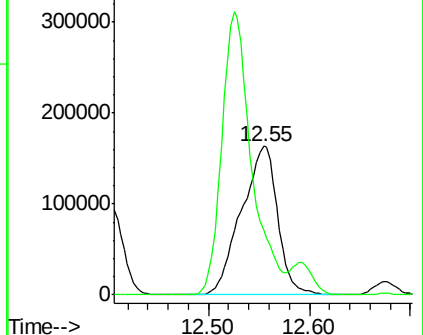
75 100

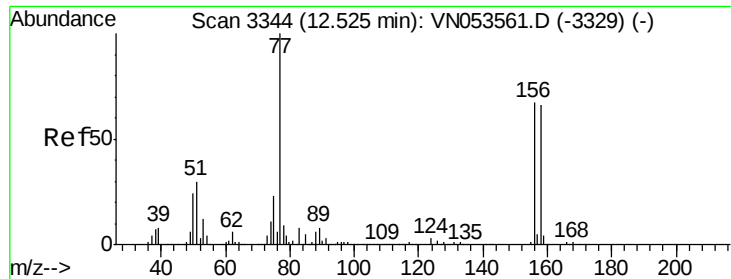
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053813.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053813.D (-3260) (-)

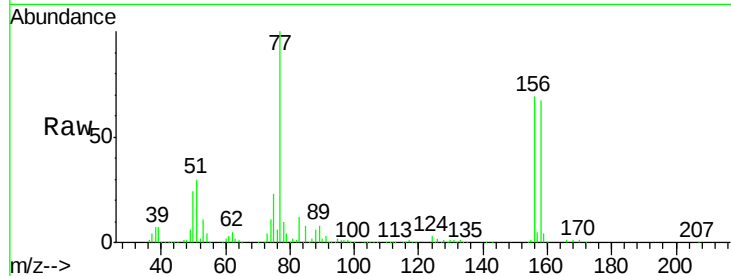




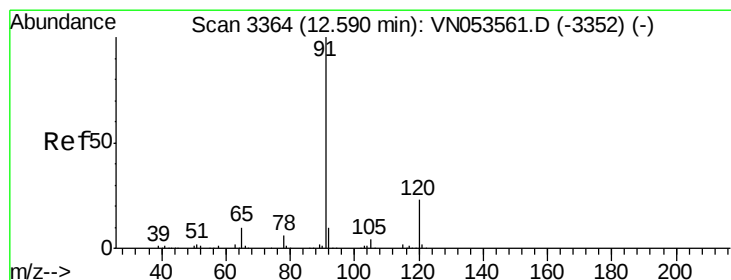
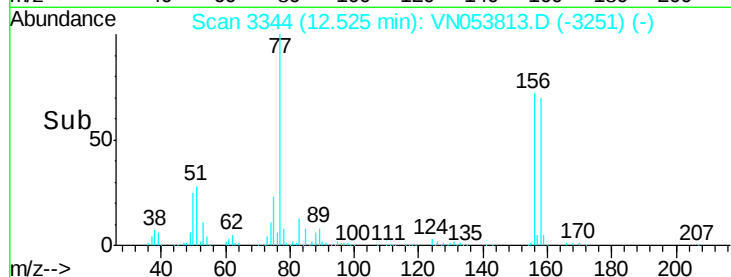
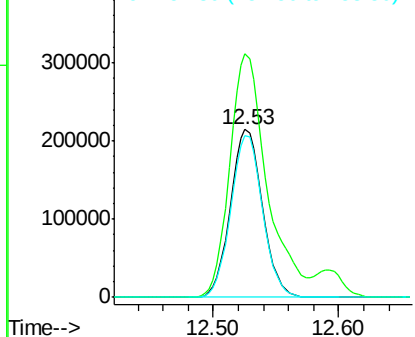
#77
Bromobenzene
Concen: 48.324 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 378786
Ion Ratio Lower Upper
156 100
77 170.0 87.9 263.8
158 96.1 48.8 146.4

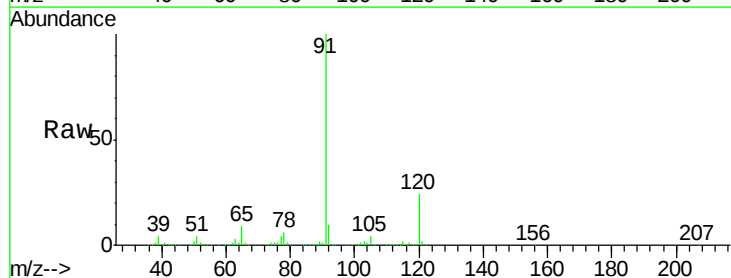


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

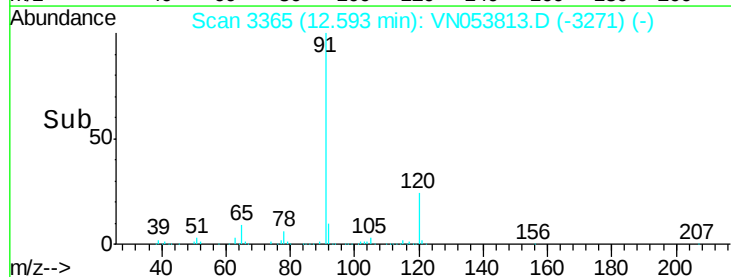
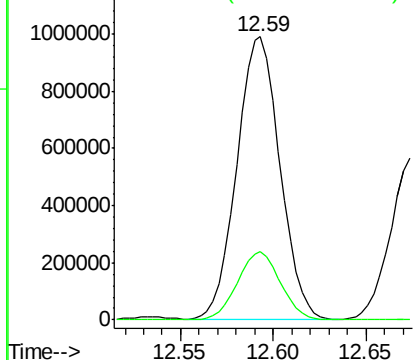


#78
n-propylbenzene
Concen: 47.288 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 91 Resp: 1589930
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.428 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

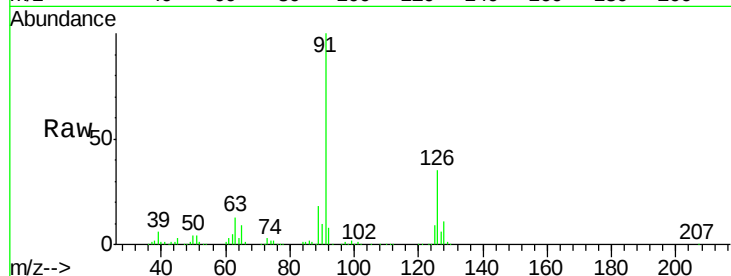
ClientSampled :

Tot Ion: 91 Resp: 946060

Ion Ratio Lower Upper

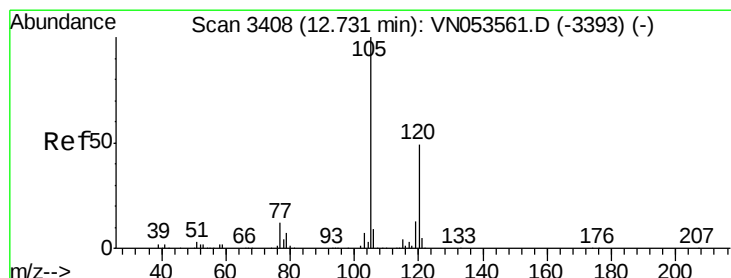
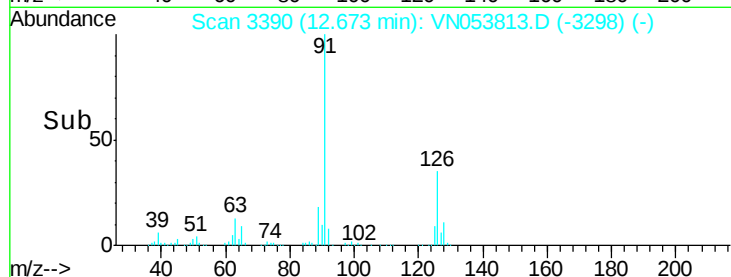
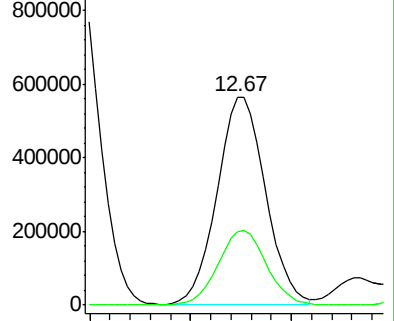
91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053813.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN053813.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.124 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053813.D

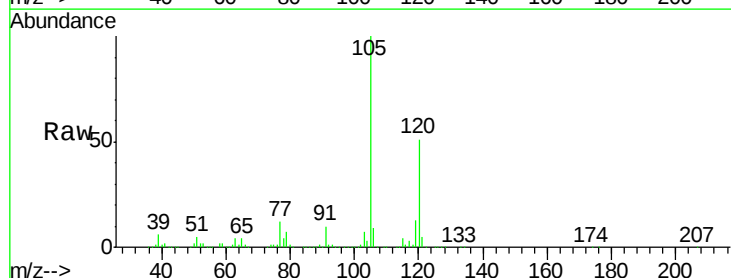
Acq: 15 Feb 2019 21:06

Tgt Ion: 105 Resp: 1184780

Ion Ratio Lower Upper

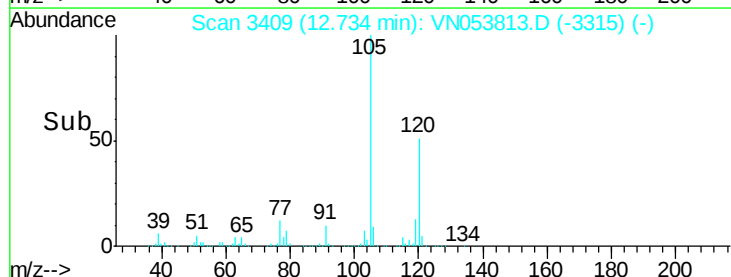
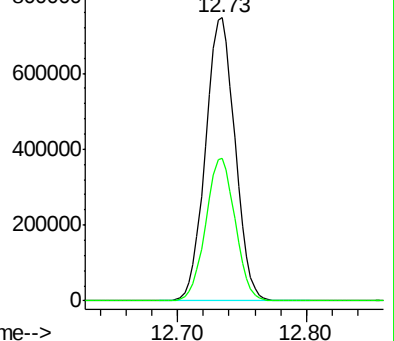
105 100

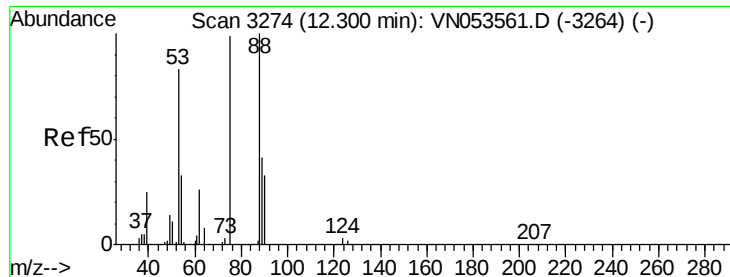
120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053813.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN053813.D (-3408) (-)

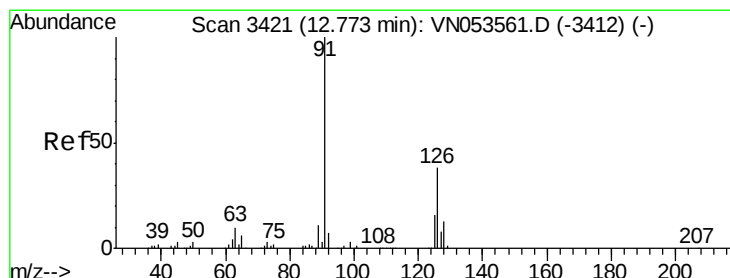
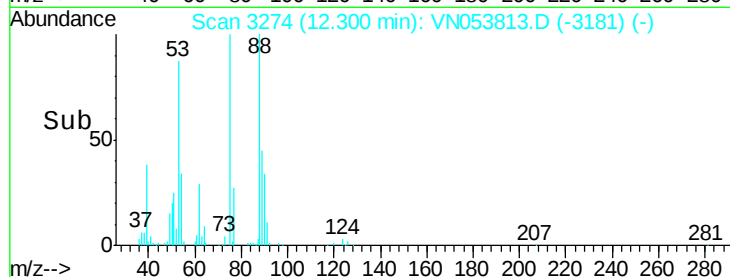
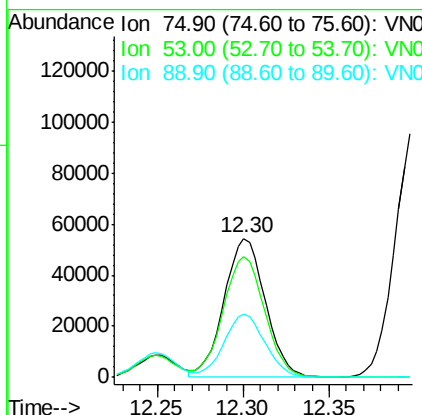
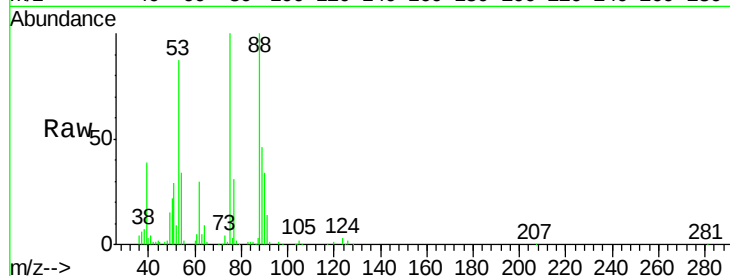




#81
trans-1,4-Dichloro-2-butene
Concen: 47.768 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

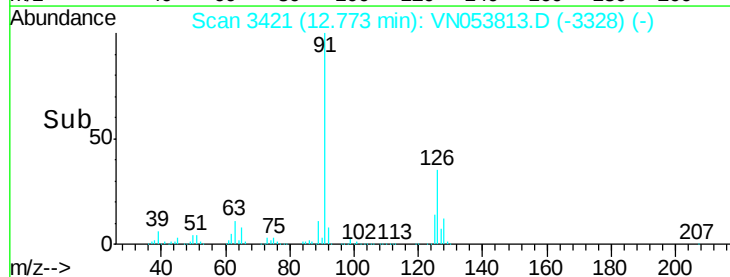
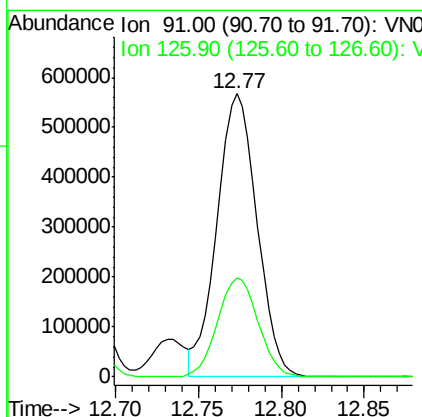
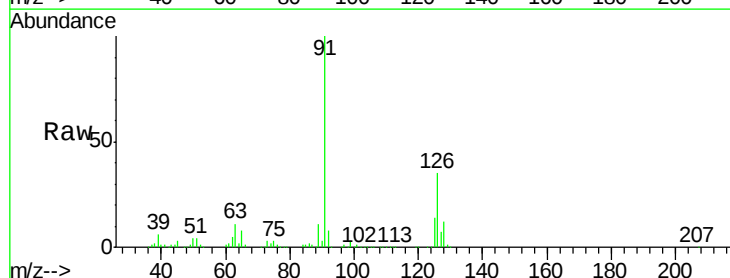
Instrument :
MSVOA_N
ClientSampleId :

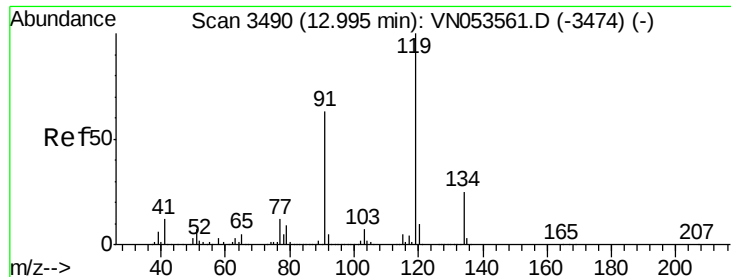
Tot Ion: 75 Resp: 90275
Ion Ratio Lower Upper
75 100
53 88.7 69.8 104.6
89 45.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 46.463 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion: 91 Resp: 951041
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9

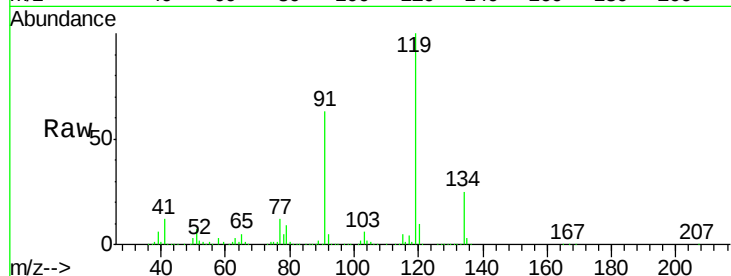




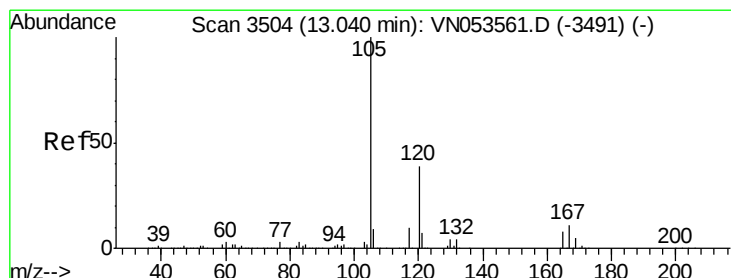
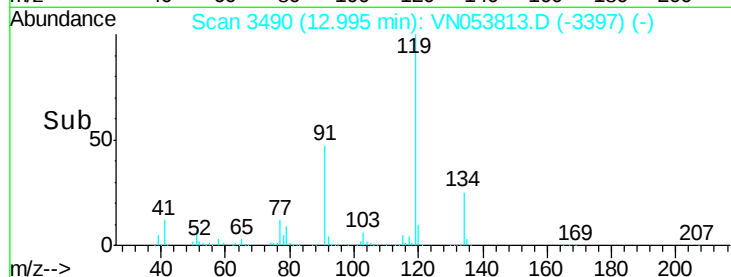
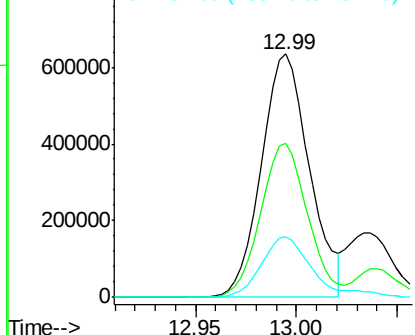
#83
tert-Butylbenzene
Concen: 49.382 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1052636
Ion Ratio Lower Upper
119 100
91 62.0 31.3 93.8
134 26.4 12.9 38.7

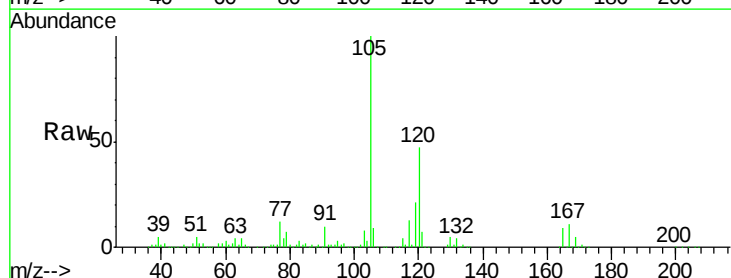


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

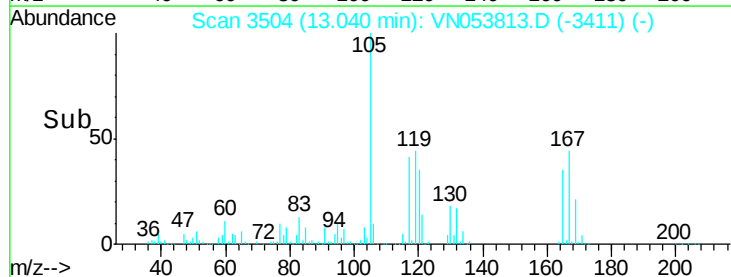
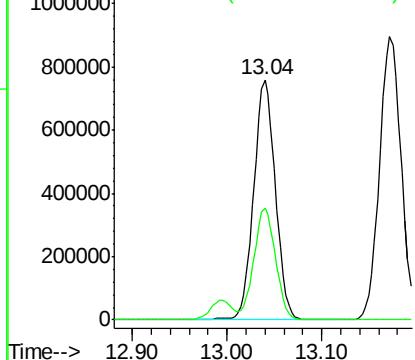


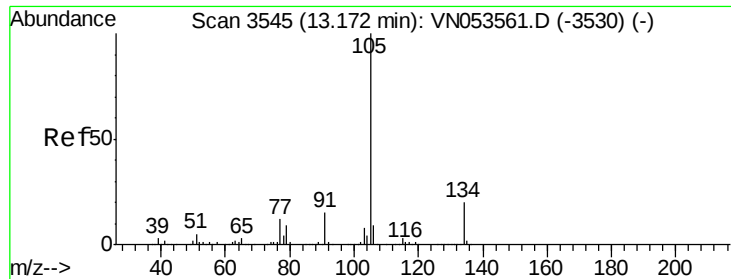
#84
1,2,4-Trimethylbenzene
Concen: 49.213 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053813.D
Acq: 15 Feb 2019 21:06

Tgt Ion:105 Resp: 1209271
Ion Ratio Lower Upper
105 100
120 46.5 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: 48.897 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

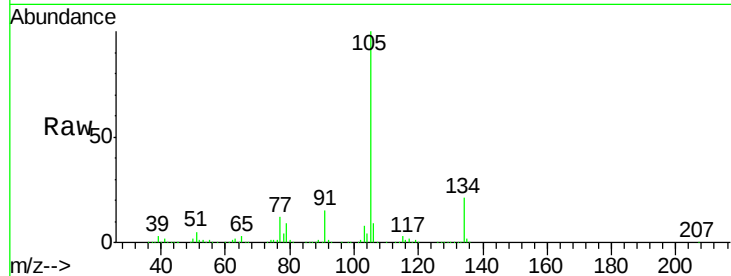
ClientSampled :

Tot Ion:105 Resp: 1418364

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

1000000

800000

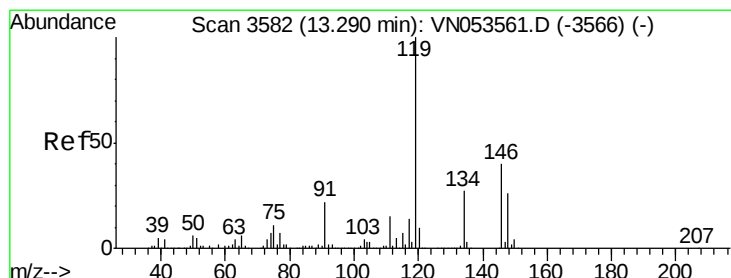
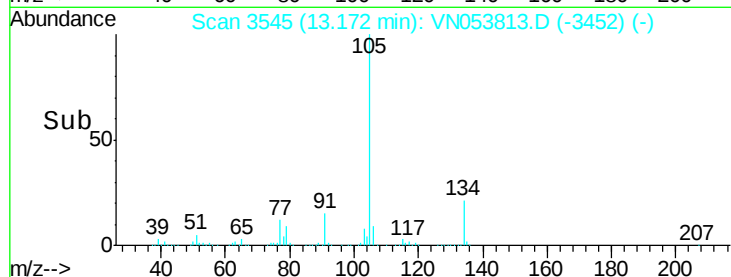
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.851 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

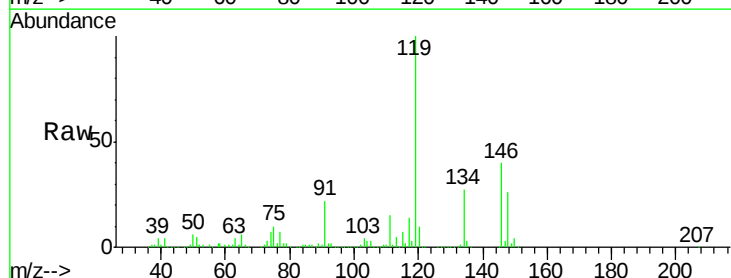
Tgt Ion:119 Resp: 1239313

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

13.29

1000000

800000

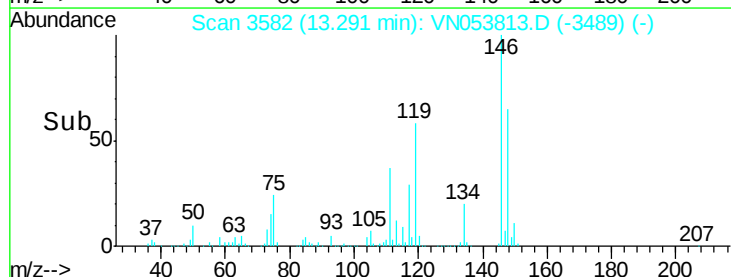
600000

400000

200000

0

Time-->

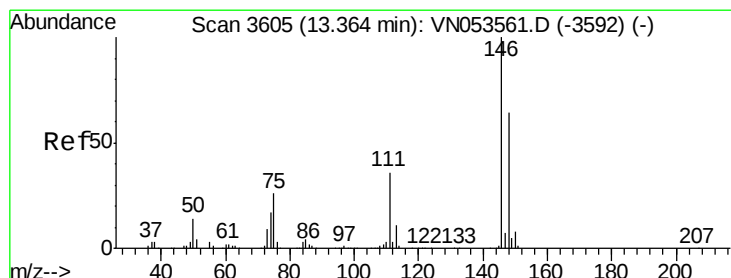
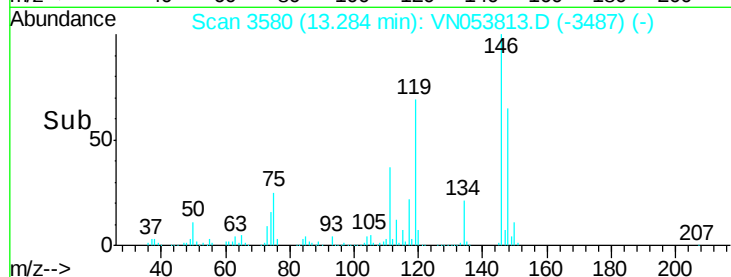
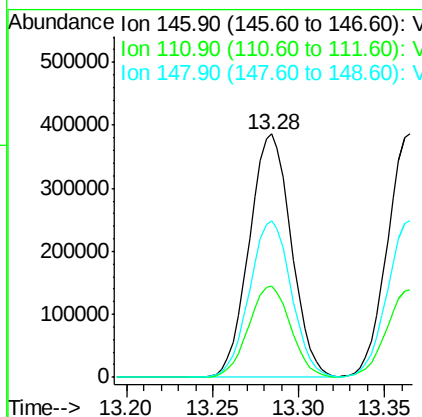
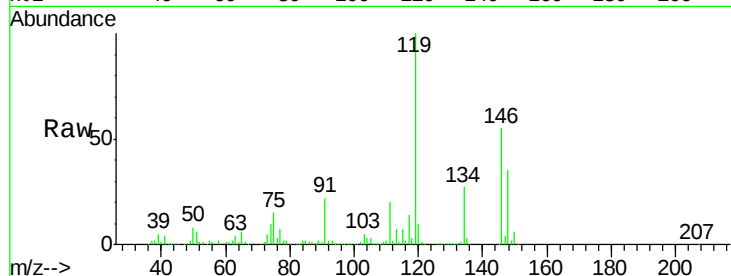




#87
 1,3-Dichlorobenzene
 Concen: 46.487 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

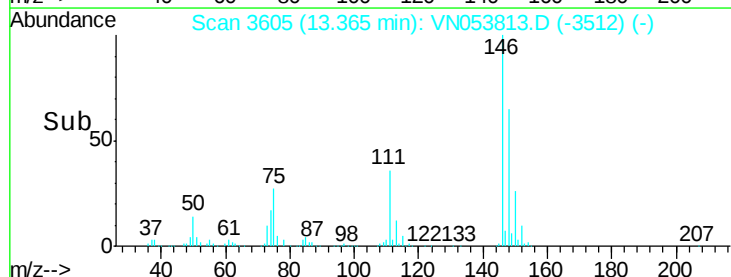
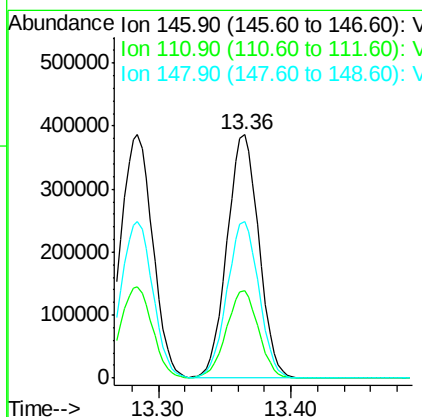
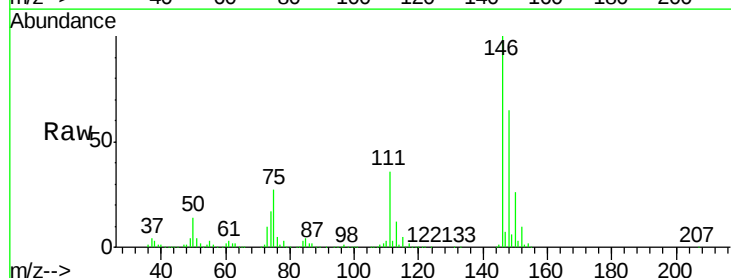
Instrument :
 MSVOA_N
 ClientSampled :

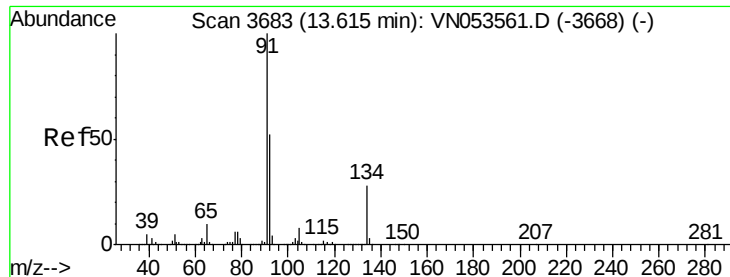
Tot Ion:146 Resp: 655050
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.3
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.247 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion:146 Resp: 644617
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.6 55.8
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 46.975 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampled :

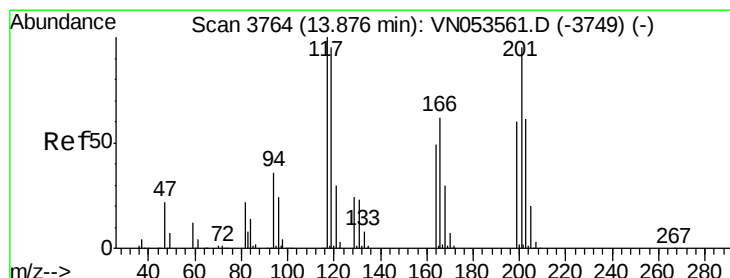
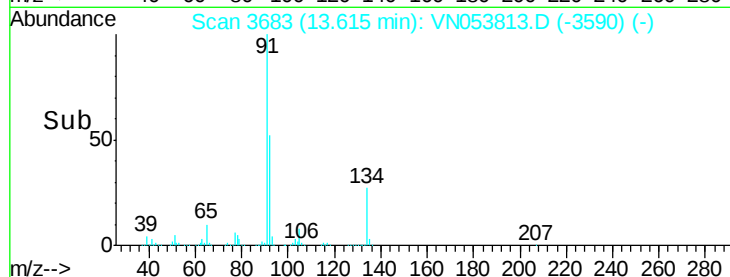
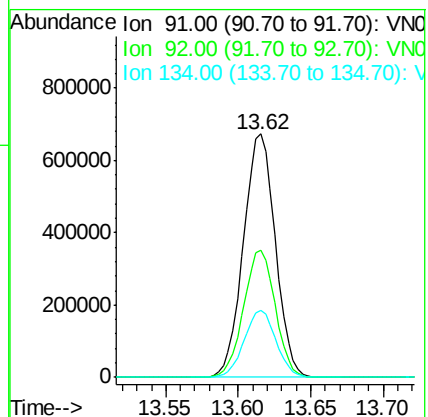
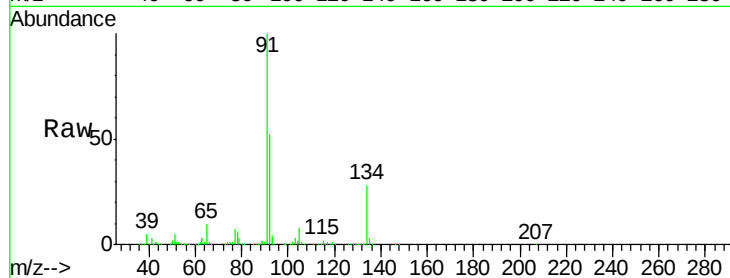
Tot Ion: 91 Resp: 1031519

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.8

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 51.679 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053813.D

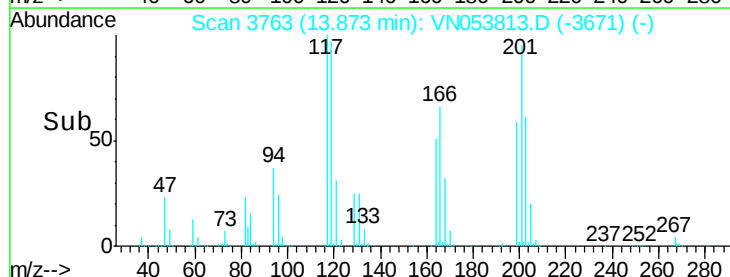
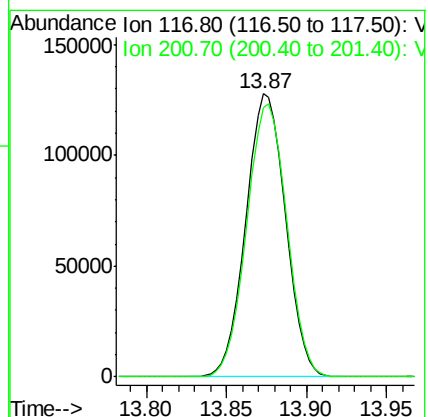
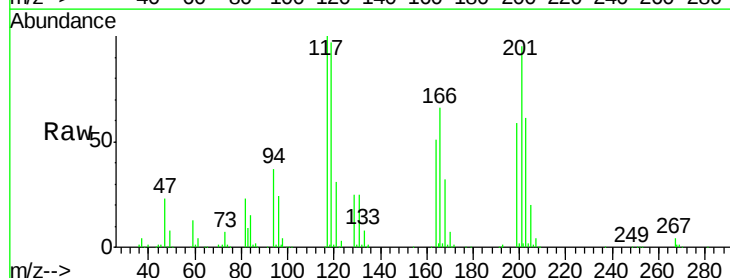
Acq: 15 Feb 2019 21:06

Tgt Ion: 117 Resp: 216255

Ion Ratio Lower Upper

117 100

201 97.5 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 47.675 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampleId :

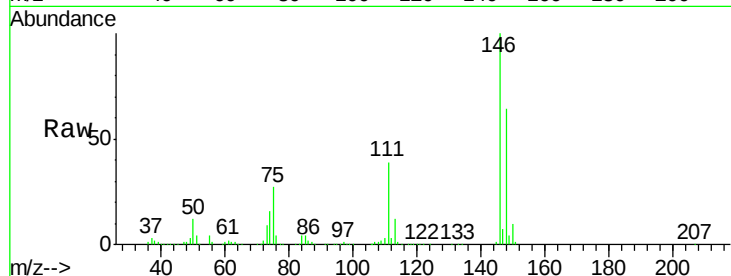
Tot Ion:146 Resp: 643134

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

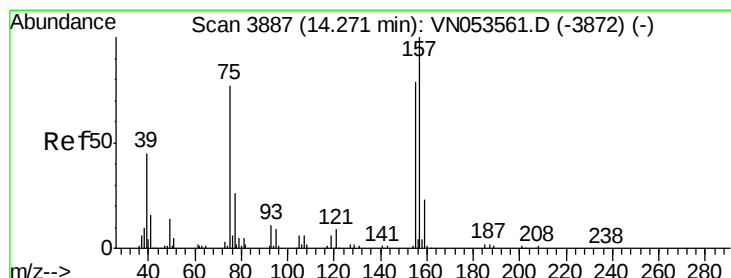
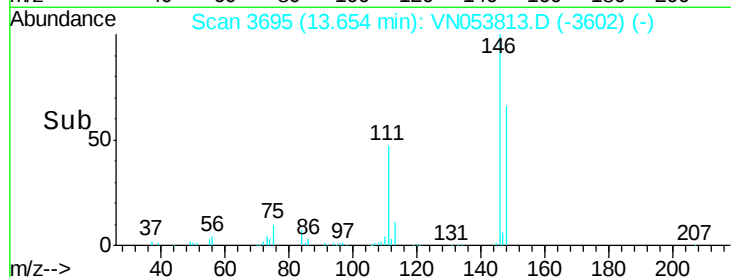
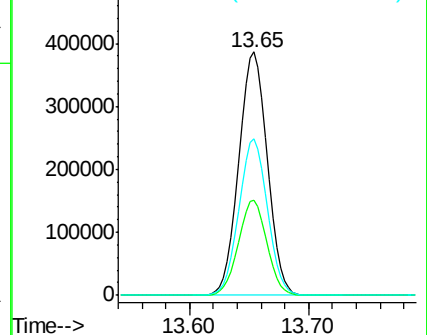
148 64.2 31.9 95.9



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: 49.424 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

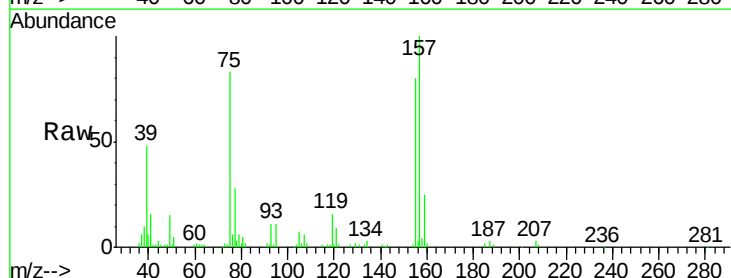
Tgt Ion: 75 Resp: 49030

Ion Ratio Lower Upper

75 100

155 100.6 48.9 146.7

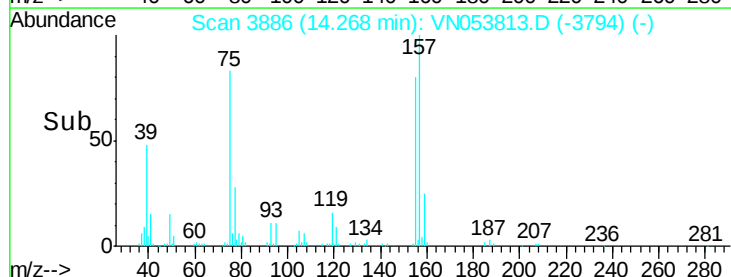
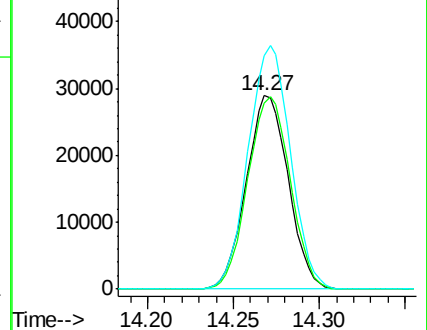
157 126.3 63.7 191.3

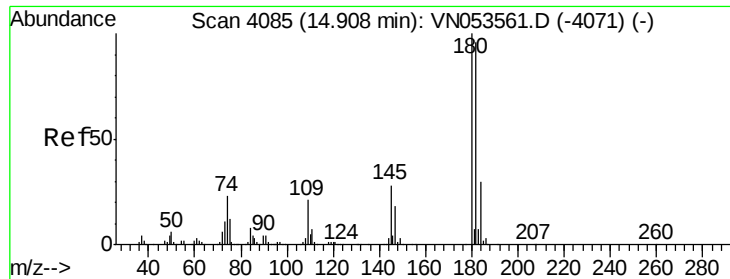


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

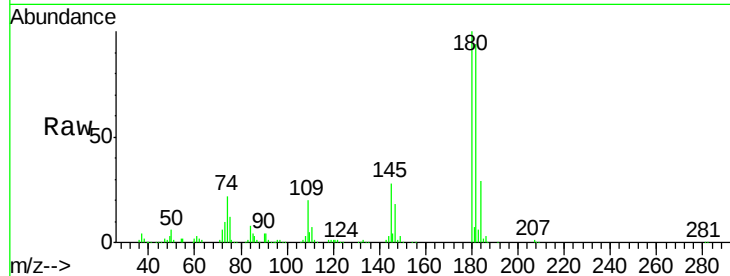




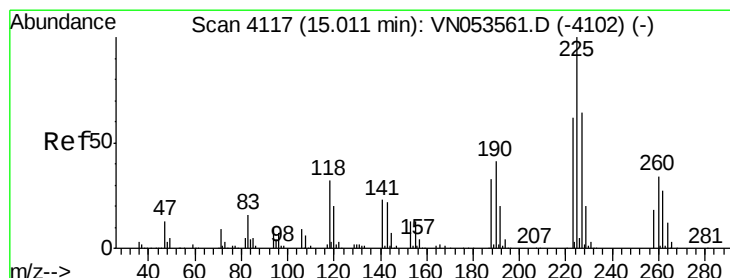
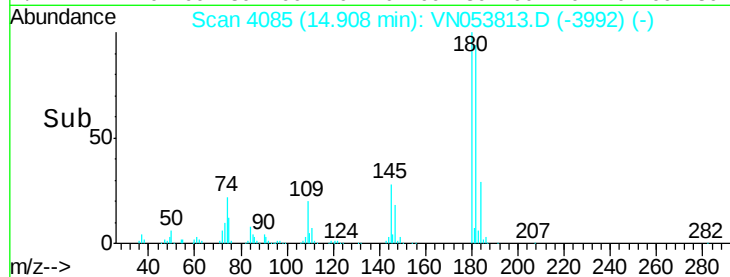
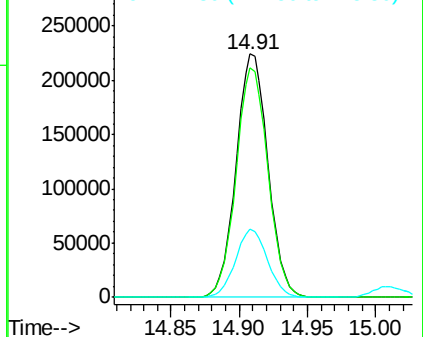
#93
 1,2,4-Trichlorobenzene
 Concen: 46.948 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 363228
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.1 144.3
 145 27.9 13.9 41.6

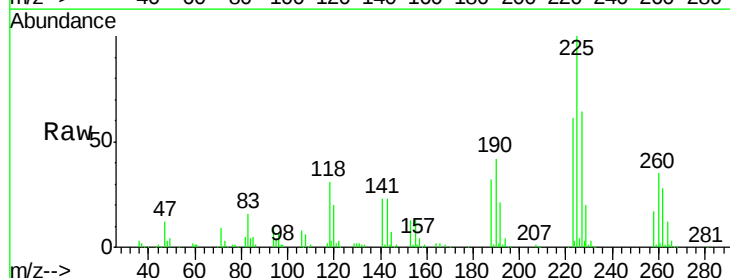


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

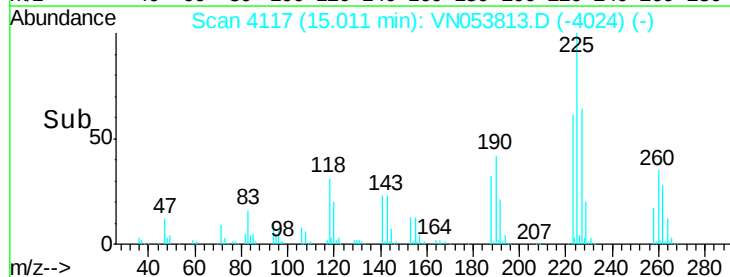
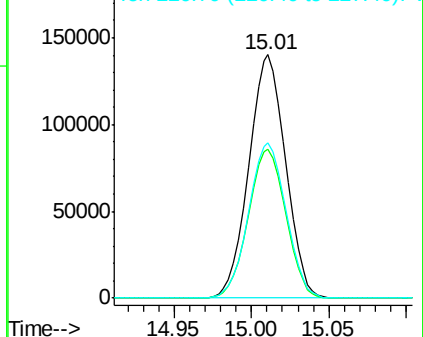


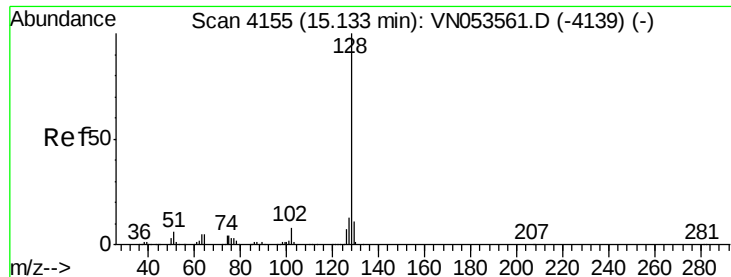
#94
 Hexachlorobutadiene
 Concen: 48.299 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053813.D
 Acq: 15 Feb 2019 21:06

Tgt Ion:225 Resp: 232716
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 64.9 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 40.672 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

Instrument :

MSVOA_N

ClientSampled :

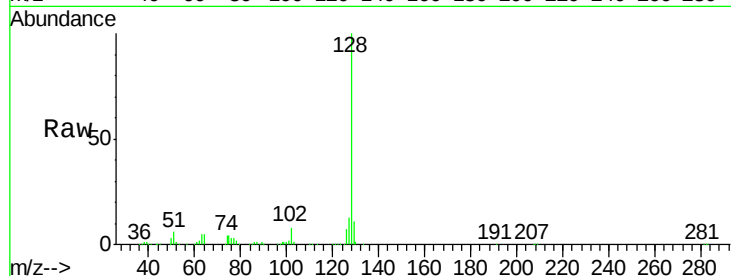
Tot Ion:128 Resp: 733094

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

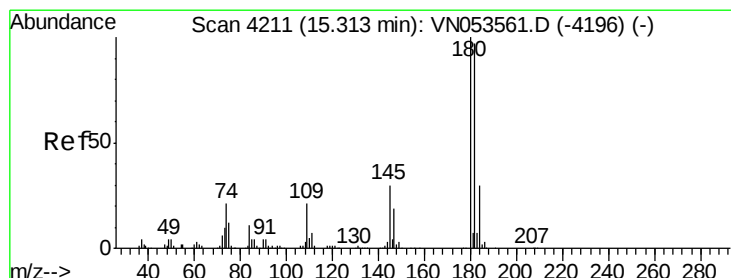
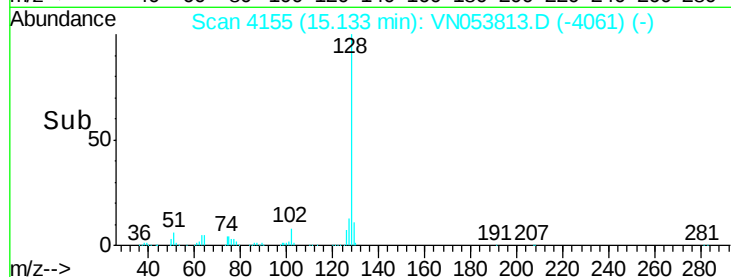
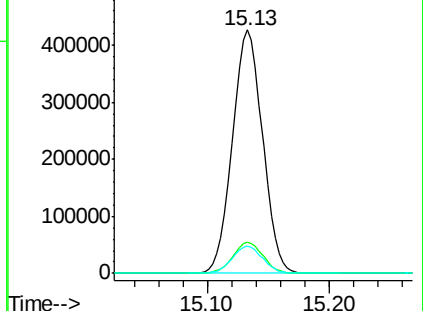
129 11.2 8.6 13.0



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: 48.221 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053813.D

Acq: 15 Feb 2019 21:06

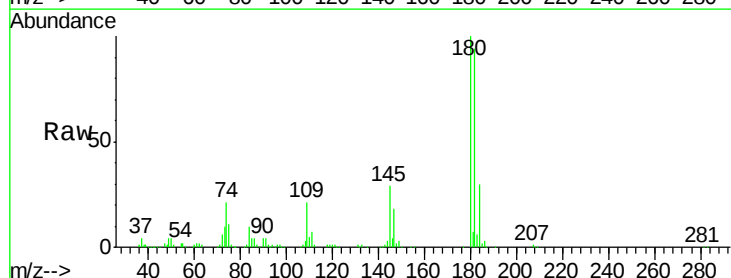
Tgt Ion:180 Resp: 346167

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 29.4 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

