

Data File : VN052309.D
Acq On : 14 Nov 2018 12:44
Operator : MD\SY
Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Quant Time: Nov 15 02:38:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	497822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	637821	152.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.44%	
35) Dibromofluoromethane	7.59	113	504012	156.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.94%	
50) Toluene-d8	10.09	98	1960213	155.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.38%	
62) 4-Bromofluorobenzene	12.40	95	679645	163.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	495044	157.983	ug/l	99
3) Chloromethane	2.06	50	652747	149.897	ug/l	99
4) Vinyl Chloride	2.19	62	562224	149.360	ug/l	100
5) Bromomethane	2.55	94	332063	141.503	ug/l	99
6) Chloroethane	2.70	64	310223	145.761	ug/l	99
7) Trichlorofluoromethane	3.02	101	770568	147.935	ug/l	99
8) Diethyl Ether	3.41	74	297738	149.976	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	472601	143.670	ug/l	98
10) Methyl Iodide	3.96	142	698753	158.207	ug/l	100
11) Tert butyl alcohol	4.78	59	177640	802.275	ug/l	99
12) 1,1-Dichloroethene	3.74	96	447154	146.893	ug/l	96
13) Acrolein	3.60	56	265250	870.836	ug/l	100
14) Allyl chloride	4.33	41	965338	154.442	ug/l	100
15) Acrylonitrile	4.99	53	957794	749.738	ug/l	99
16) Acetone	3.81	43	827943	707.998	ug/l	96
17) Carbon Disulfide	4.06	76	1396943	160.037	ug/l	98
18) Methyl Acetate	4.32	43	491166	147.176	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1355541	154.957	ug/l	100
20) Methylene Chloride	4.55	84	518523	135.452	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	477193	151.336	ug/l	100
22) Diisopropyl ether	5.95	45	1919793	148.940	ug/l	97
23) Vinyl Acetate	5.90	43	7008654	810.122	ug/l	100
24) 1,1-Dichloroethane	5.85	63	993203	145.236	ug/l	99
25) 2-Butanone	6.83	43	1248173	771.134	ug/l	98
26) 2,2-Dichloropropane	6.83	77	770296	153.186	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	553071	144.961	ug/l	97
28) Bromochloromethane	7.20	49	513850	146.136	ug/l	99
29) Tetrahydrofuran	7.21	42	815899	761.343	ug/l	99
30) Chloroform	7.37	83	960660	147.404	ug/l	95
31) Cyclohexane	7.65	56	937587	118.260	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	836350	150.645	ug/l	100
36) 1,1-Dichloropropene	7.80	75	752291	150.770	ug/l	99
37) Ethyl Acetate	6.93	43	555761	145.776	ug/l	99
38) Carbon Tetrachloride	7.78	117	726793	158.545	ug/l	100

Data File : VN052309.D
Acq On : 14 Nov 2018 12:44
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Nov 15 02:38:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	880557	154.590	ug/l	100
40) Benzene	8.04	78	2115530	148.412	ug/l	97
41) Methacrylonitrile	7.18	41	328601	160.172	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	774570	152.384	ug/l	100
43) Isopropyl Acetate	8.16	43	1053356	150.744	ug/l #	86
44) Trichloroethene	8.84	130	539614	153.682	ug/l	98
45) 1,2-Dichloropropane	9.12	63	597495	147.700	ug/l	98
46) Dibromomethane	9.21	93	345217	147.412	ug/l	97
47) Bromodichloromethane	9.40	83	750198	156.107	ug/l	100
48) Methyl methacrylate	9.20	41	531174	149.808	ug/l	99
49) 1,4-Dioxane	9.20	88	90872	3338.598	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2785440	791.899	ug/l	100
52) Toluene	10.16	92	1312734	153.947	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	819617	169.106	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	902672	163.374	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	465171	150.481	ug/l	98
56) Ethyl methacrylate	10.43	69	676372	166.374	ug/l	99
57) 1,3-Dichloropropane	10.71	76	838741	153.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1877478	811.179	ug/l	99
59) 2-Hexanone	10.75	43	1943768	803.413	ug/l	100
60) Dibromochloromethane	10.90	129	545504	163.104	ug/l	99
61) 1,2-Dibromoethane	11.00	107	483546	157.037	ug/l	100
64) Tetrachloroethene	10.63	164	471824	145.974	ug/l	99
65) Chlorobenzene	11.43	112	1432060	149.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	508263	155.096	ug/l	99
67) Ethyl Benzene	11.51	91	2592003	155.401	ug/l	100
68) m/p-Xylenes	11.62	106	1910111	313.427	ug/l	98
69) o-Xylene	11.95	106	921539	157.748	ug/l	99
70) Styrene	11.96	104	1524762	163.007	ug/l	99
71) Bromoform	12.13	173	336273	173.794	ug/l #	97
73) Isopropylbenzene	12.25	105	2538410	148.057	ug/l	99
74) N-amyl acetate	12.07	43	978093	160.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	578988	139.700	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	803115	239.544	ug/l #	100
77) Bromobenzene	12.53	156	571735	143.322	ug/l	98
78) n-propylbenzene	12.59	91	3022429	150.737	ug/l	100
79) 2-Chlorotoluene	12.67	91	1714283	146.351	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	2063506	151.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	190759	170.991	ug/l	96
82) 4-Chlorotoluene	12.77	91	1773409	147.774	ug/l	98
83) tert-Butylbenzene	12.99	119	1753075	145.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2092578	152.887	ug/l	98
85) sec-Butylbenzene	13.17	105	2487296	151.694	ug/l	100
86) p-Isopropyltoluene	13.29	119	2117805	152.475	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1046943	147.773	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1043325	148.123	ug/l	98
89) n-Butylbenzene	13.61	91	1986729	166.542	ug/l	100
90) Hexachloroethane	13.87	117	389348	158.265	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	990740	144.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	96555	157.989	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Quantitation Report (Not Reviewed)

Data File : VN052309.D
Acq On : 14 Nov 2018 12:44
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

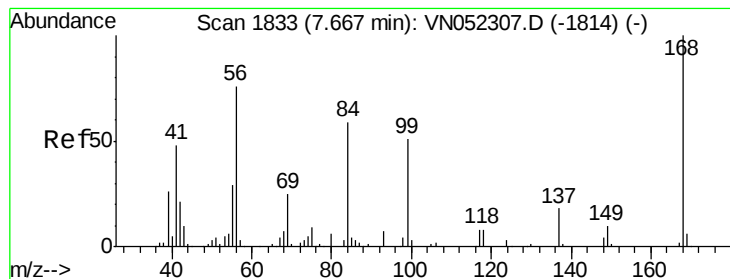
Quant Time: Nov 15 02:38:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	497929	176.293	ug/l	99
94) Hexachlorobutadiene	15.01	225	229607	146.148	ug/l	99
95) Naphthalene	15.13	128	1185075	185.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	450635	172.777	ug/l	99

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

Quant Time: Nov 15 02:38:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
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: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

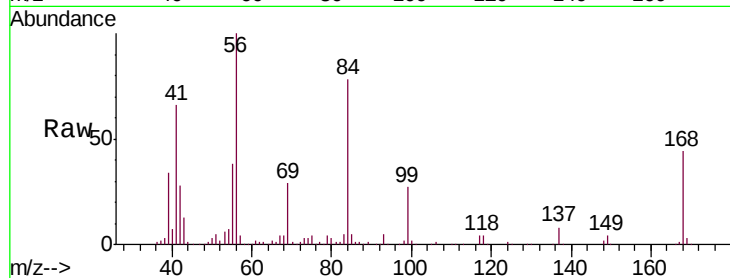
VSTDIC150

Tgt Ion:168 Resp: 295710

Ion Ratio Lower Upper

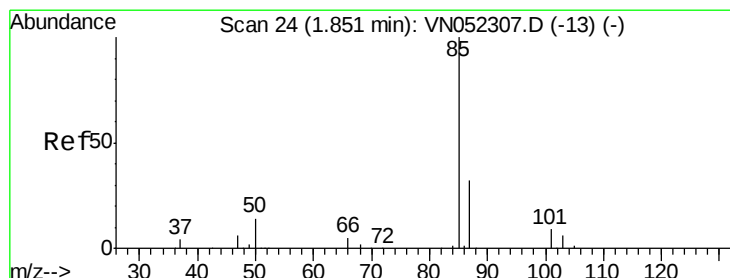
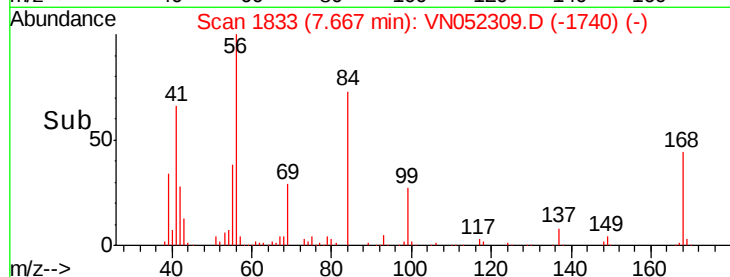
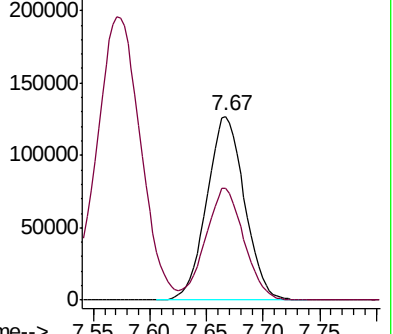
168 100

99 60.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 157.983 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052309.D

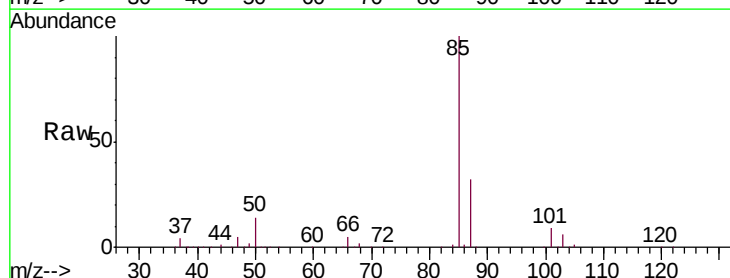
Acq: 14 Nov 2018 12:44

Tgt Ion: 85 Resp: 495044

Ion Ratio Lower Upper

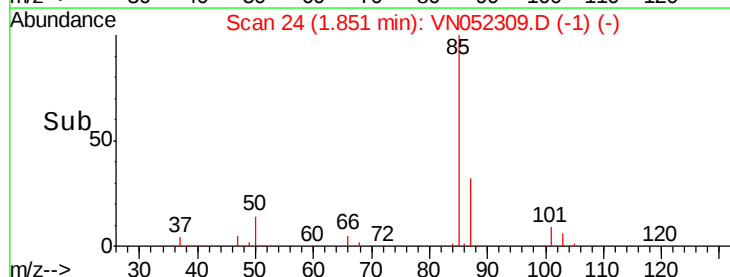
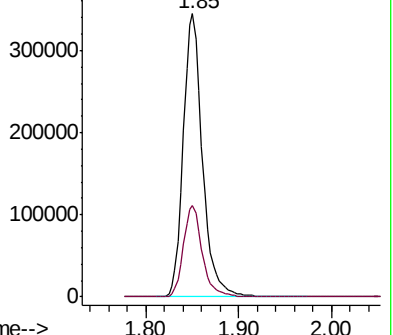
85 100

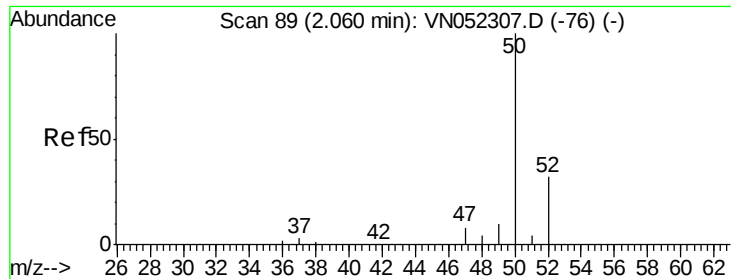
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 149.897 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

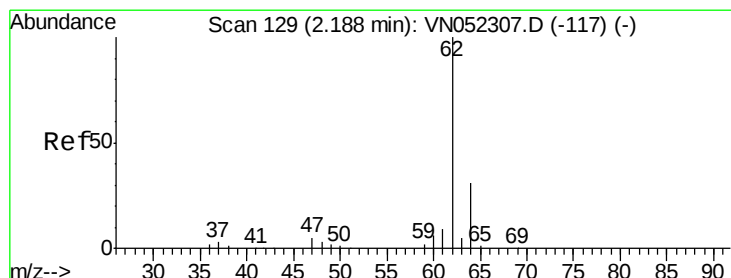
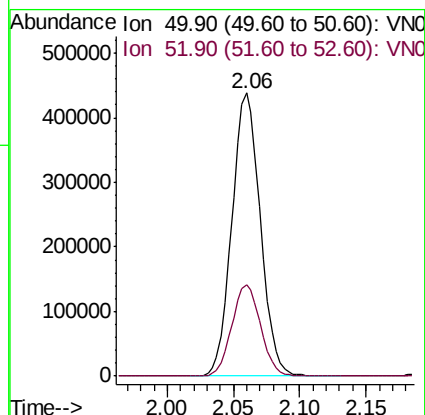
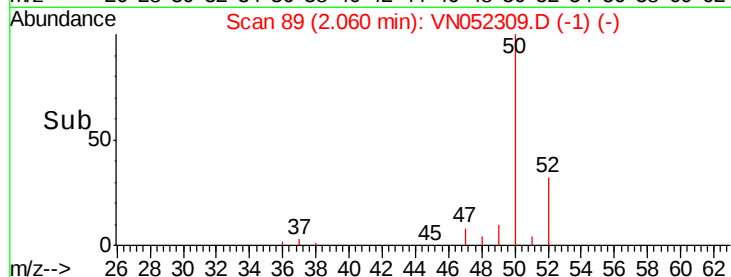
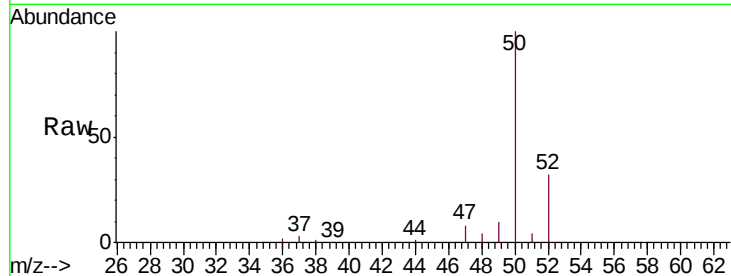
VSTDIC150

Tgt Ion: 50 Resp: 652747

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 149.360 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052309.D

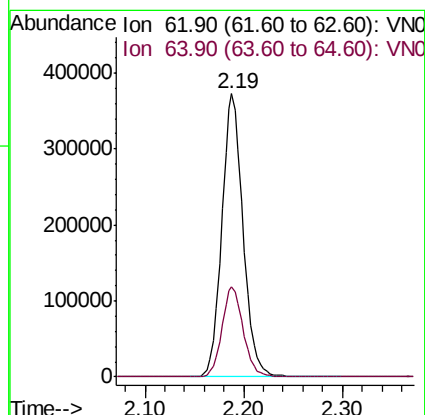
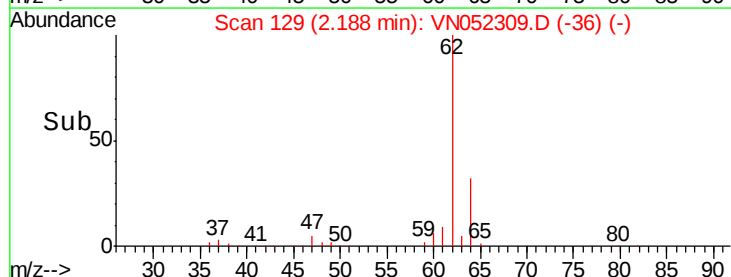
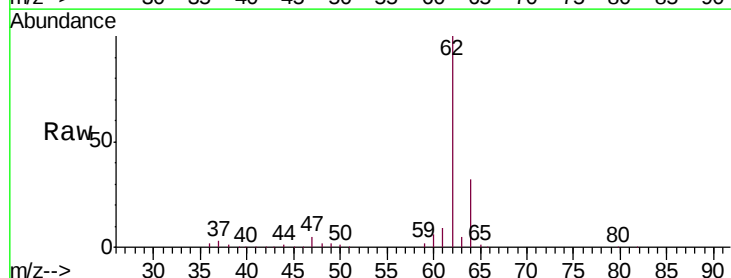
Acq: 14 Nov 2018 12:44

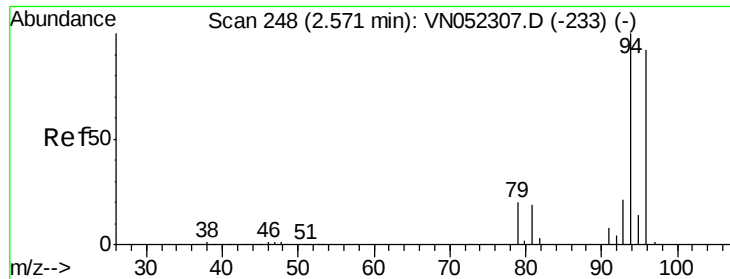
Tgt Ion: 62 Resp: 562224

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 141.503 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

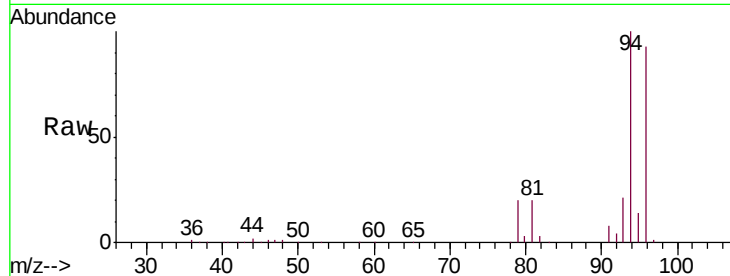
VSTDIC150

Tgt Ion: 94 Resp: 332063

Ion Ratio Lower Upper

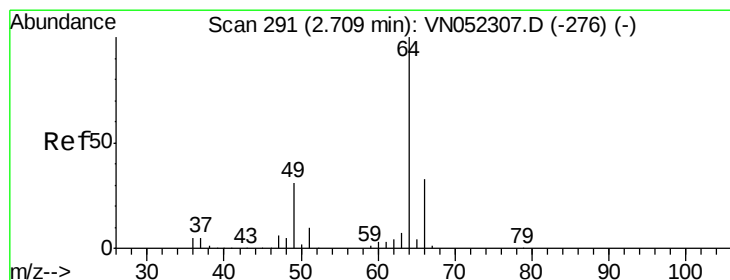
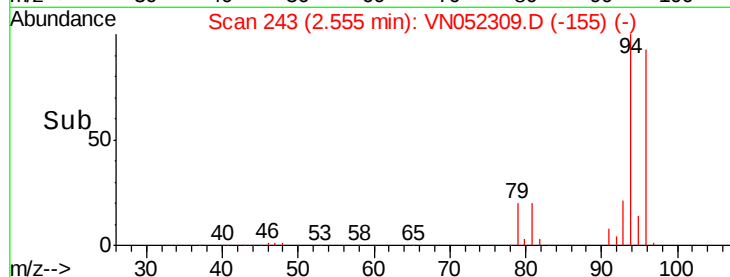
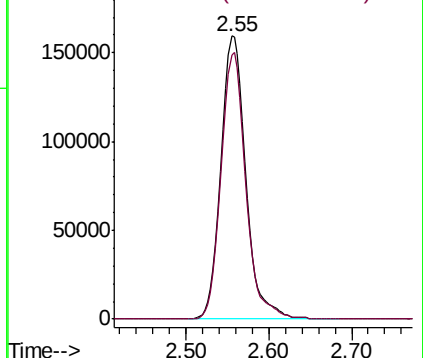
94 100

96 93.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 145.761 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN052309.D

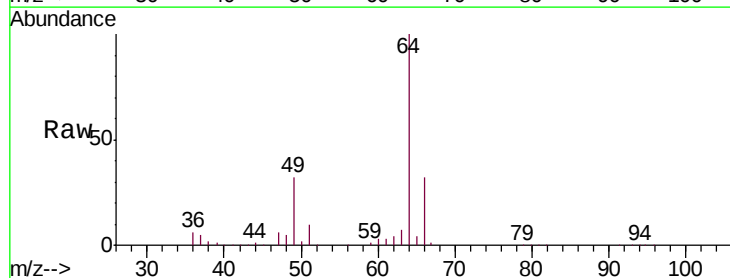
Acq: 14 Nov 2018 12:44

Tgt Ion: 64 Resp: 310223

Ion Ratio Lower Upper

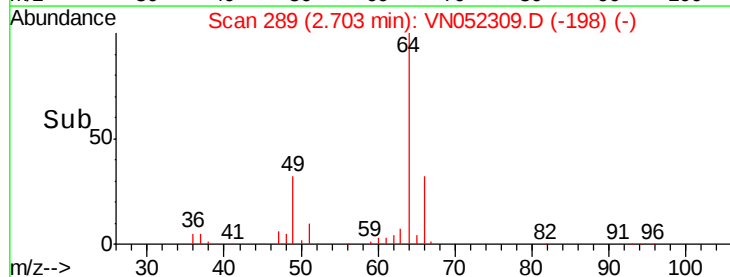
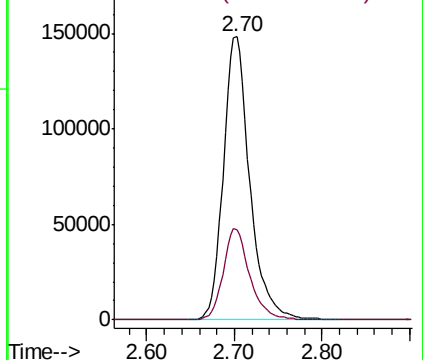
64 100

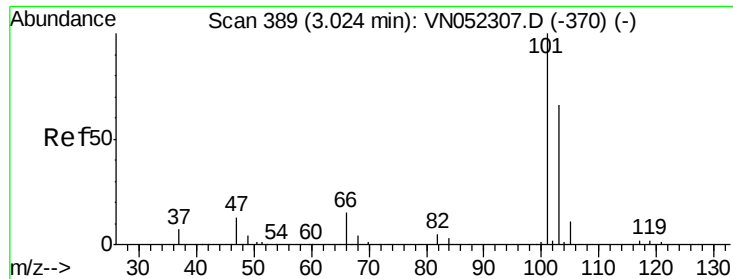
66 32.0 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



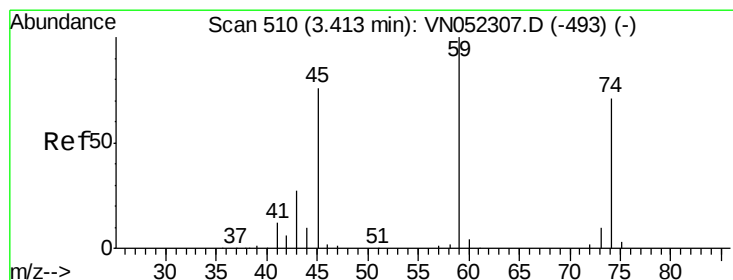
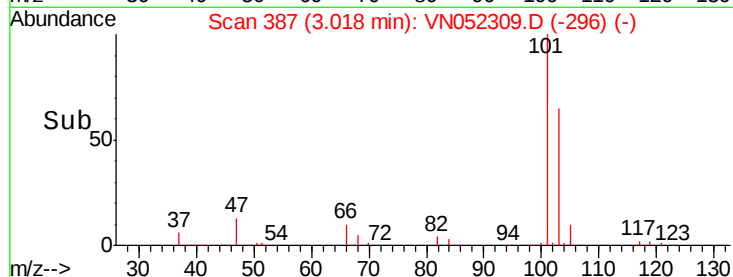
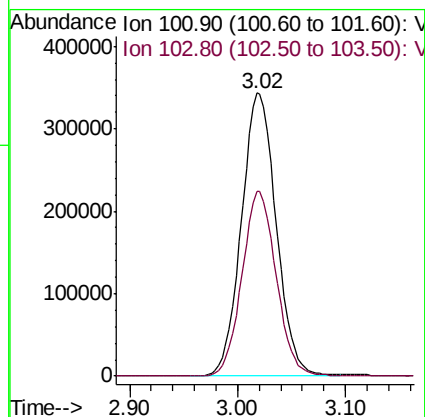
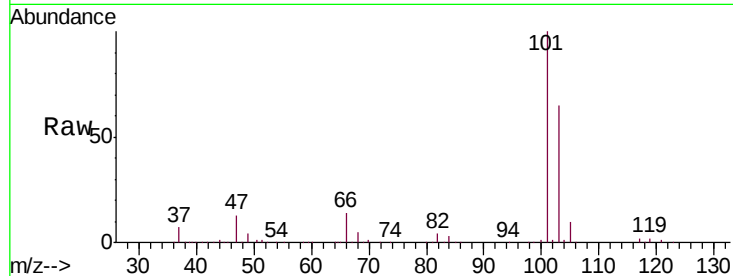


#7

Trichlorofluoromethane
 Concen: 147.935 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

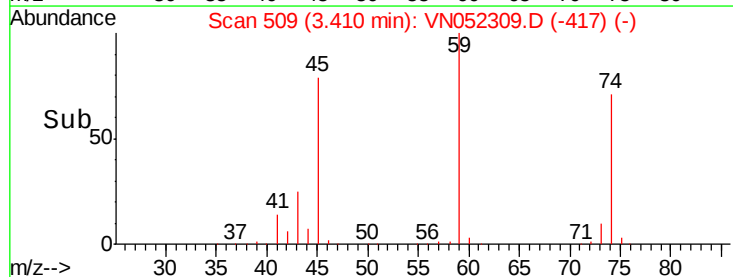
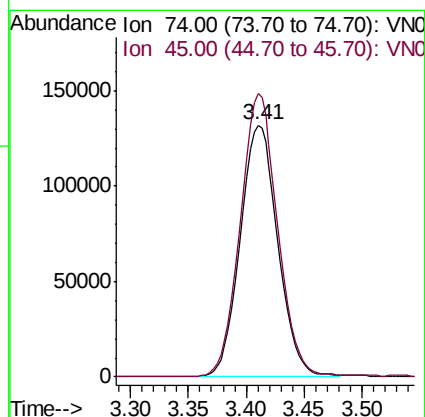
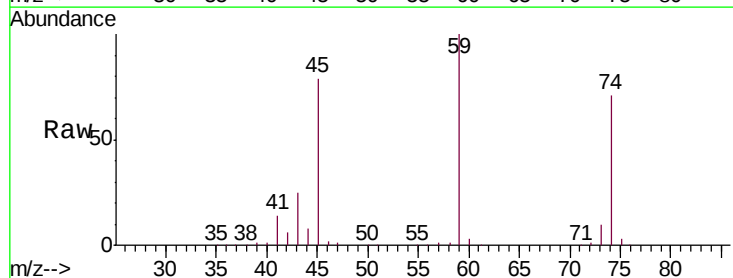
Tgt Ion:101 Resp: 770568
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.8 79.2

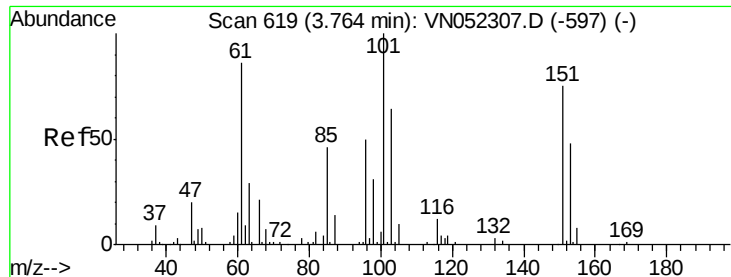


#8

Diethyl Ether
 Concen: 149.976 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 74 Resp: 297738
 Ion Ratio Lower Upper
 74 100
 45 111.9 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.670 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

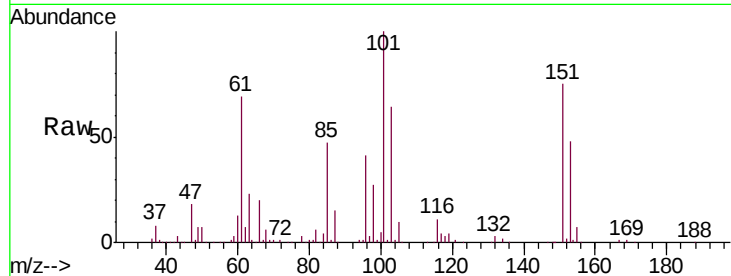
Tgt Ion:101 Resp: 472601

Ion Ratio Lower Upper

101 100

85 46.8 37.4 56.0

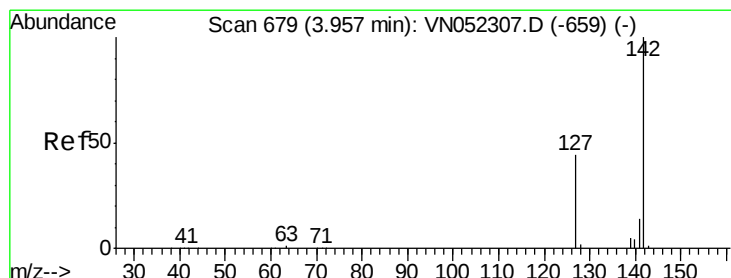
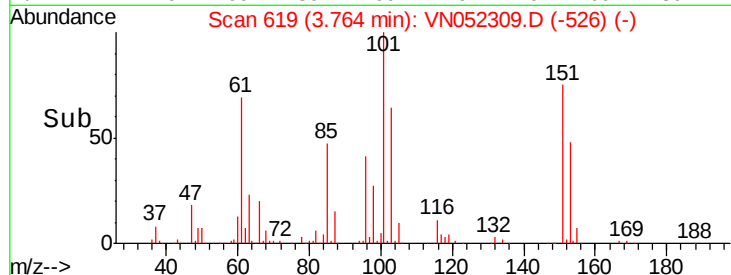
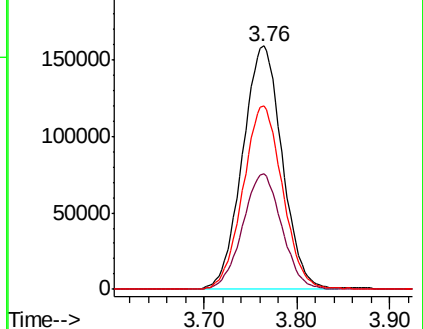
151 75.4 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 158.207 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

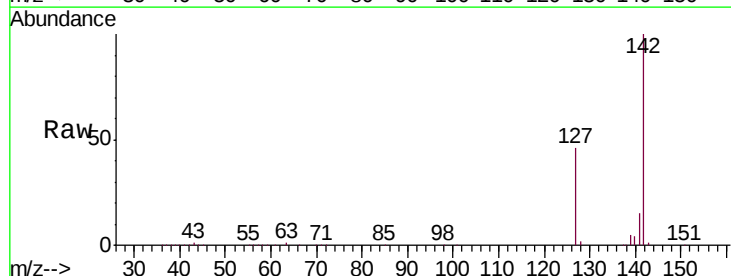
Tgt Ion:142 Resp: 698753

Ion Ratio Lower Upper

142 100

127 45.4 36.3 54.5

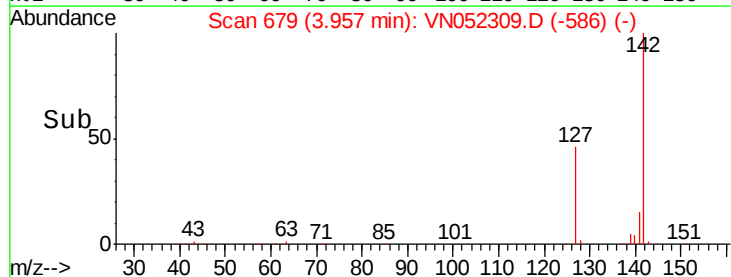
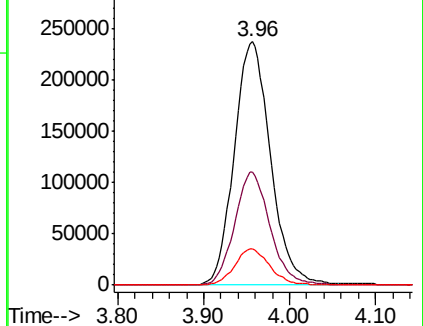
141 14.6 11.4 17.2

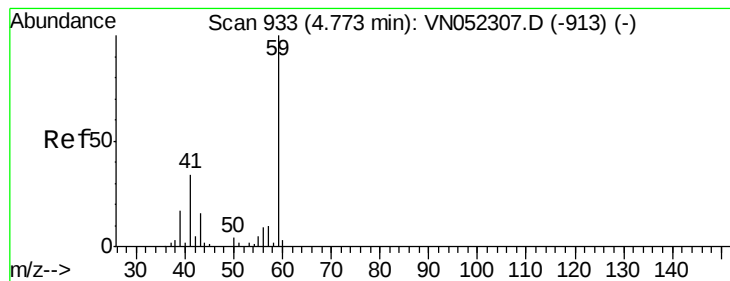


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



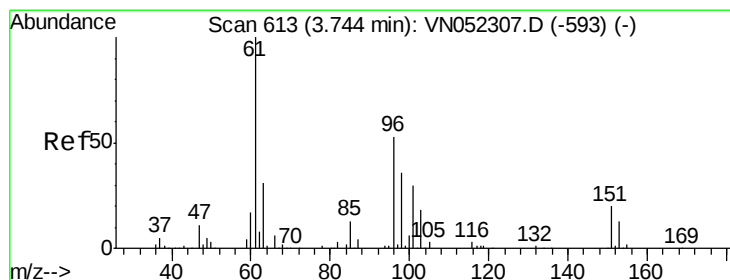
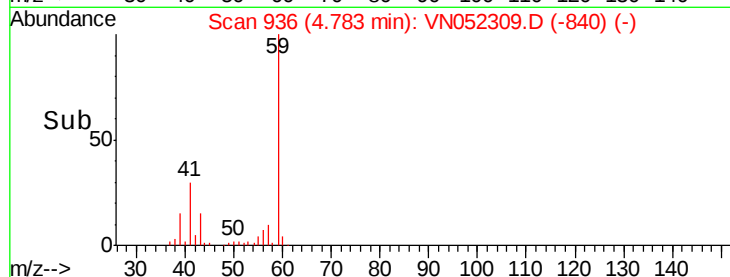
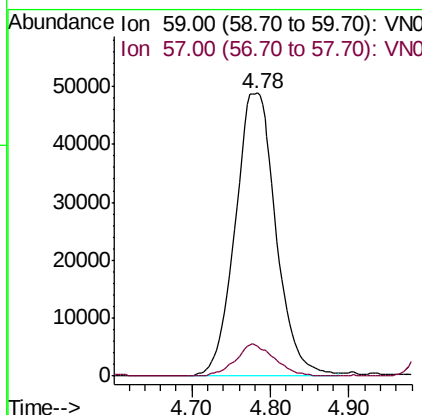
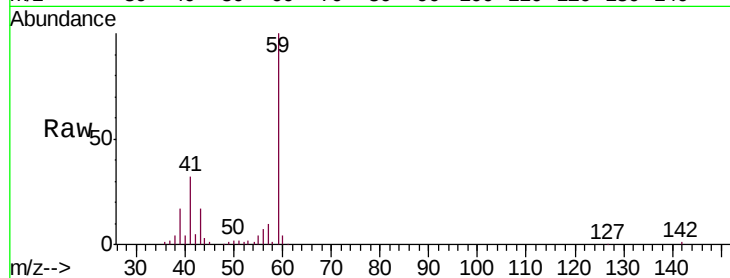


#11

Tert butyl alcohol
 Concen: 802.275 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

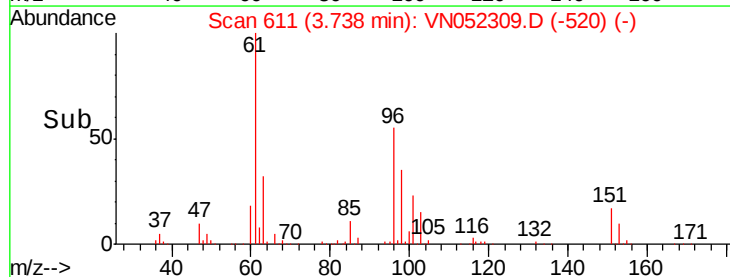
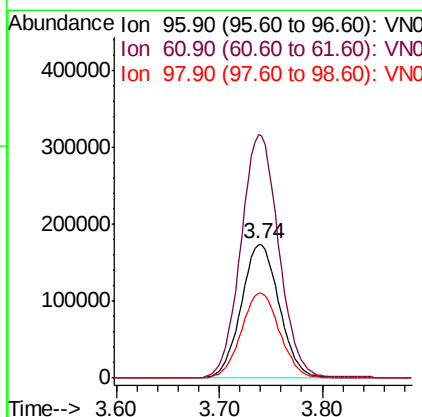
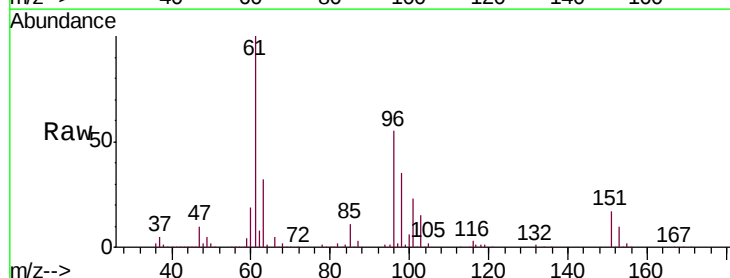
Tgt Ion: 59 Resp: 177640
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

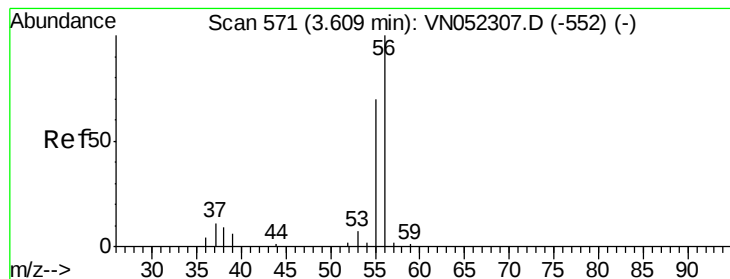


#12

1,1-Dichloroethene
 Concen: 146.893 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 96 Resp: 447154
 Ion Ratio Lower Upper
 96 100
 61 181.7 149.6 224.4
 98 63.1 54.2 81.2





#13

Acrolein

Concen: 870.836 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

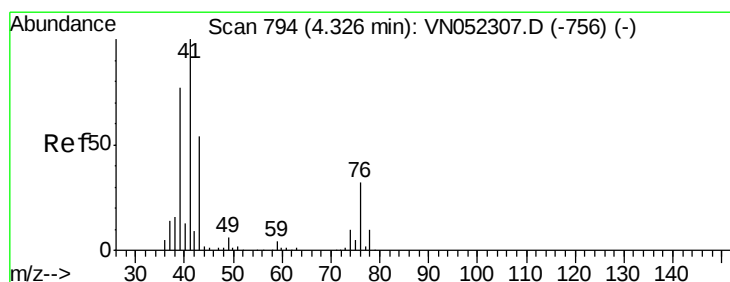
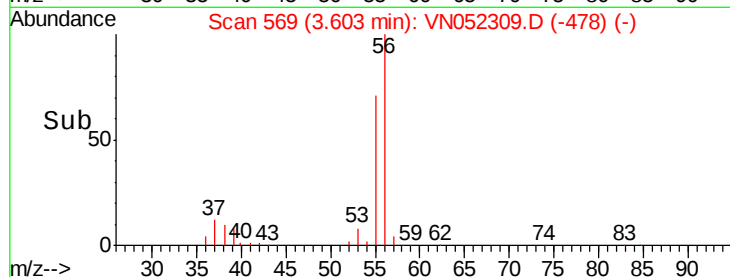
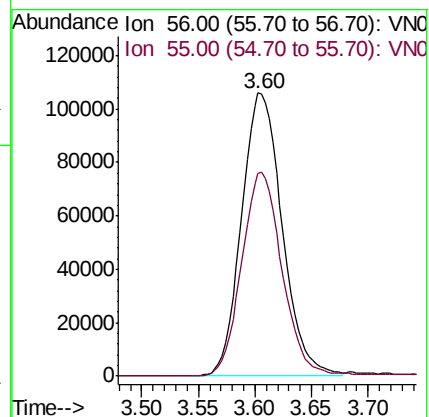
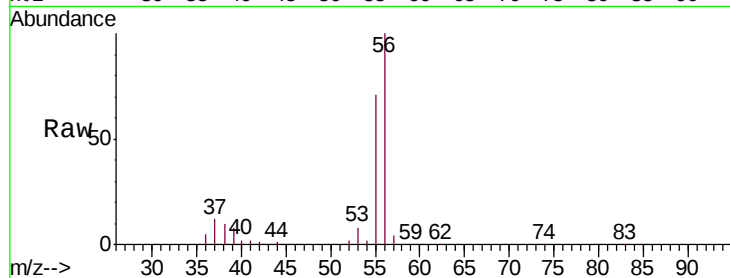
VSTDIC150

Tgt Ion: 56 Resp: 265250

Ion Ratio Lower Upper

56 100

55 71.9 57.6 86.4



#14

Allyl chloride

Concen: 154.442 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

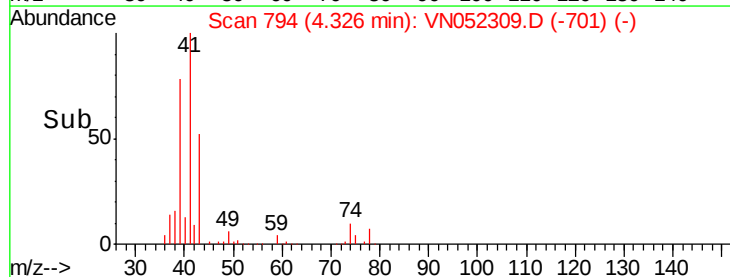
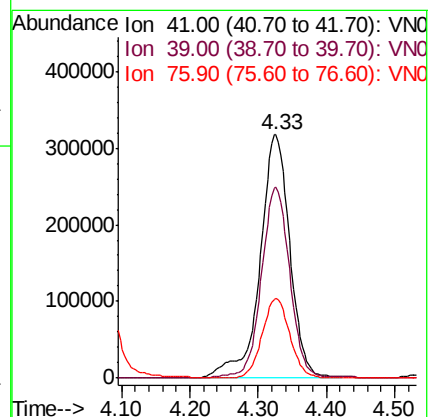
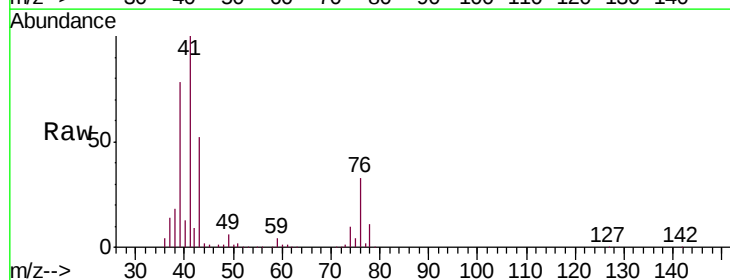
Tgt Ion: 41 Resp: 965338

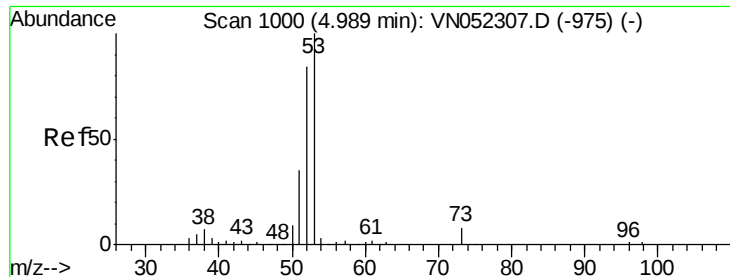
Ion Ratio Lower Upper

41 100

39 74.3 59.1 88.7

76 30.0 24.1 36.1





#15

Acrylonitrile

Concen: 749.738 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

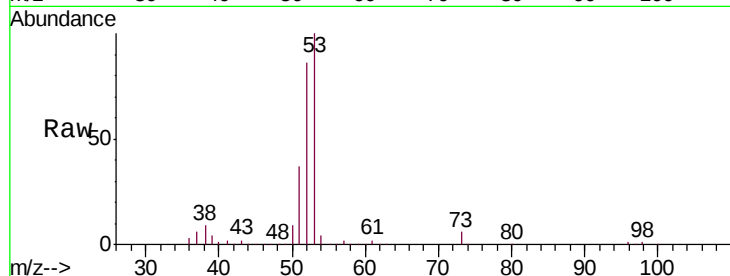
Tgt Ion: 53 Resp: 957794

Ion Ratio Lower Upper

53 100

52 84.1 67.5 101.3

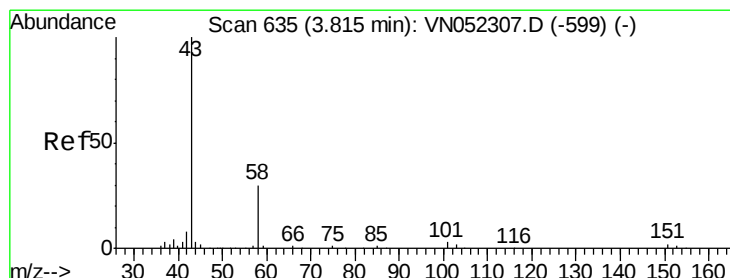
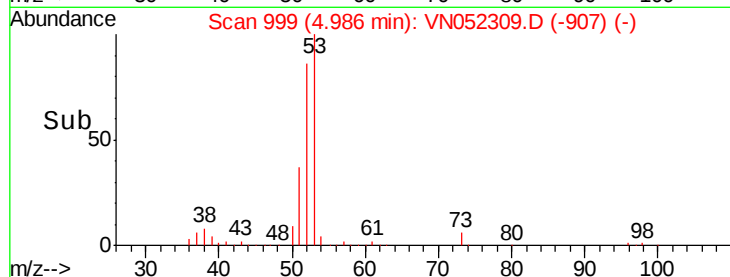
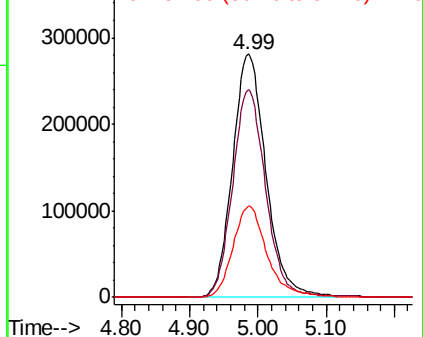
51 38.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 707.998 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052309.D

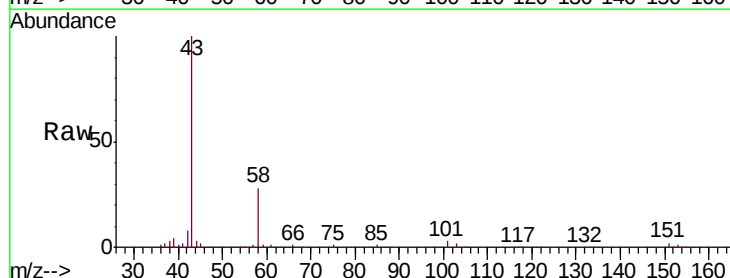
Acq: 14 Nov 2018 12:44

Tgt Ion: 43 Resp: 827943

Ion Ratio Lower Upper

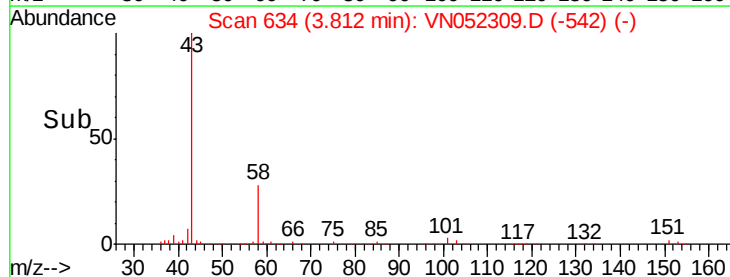
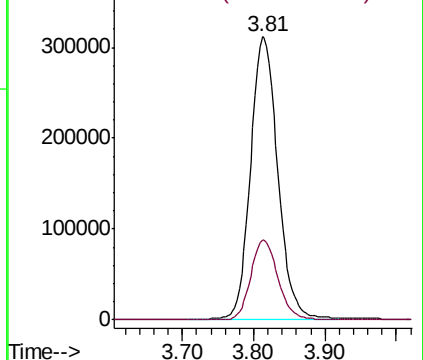
43 100

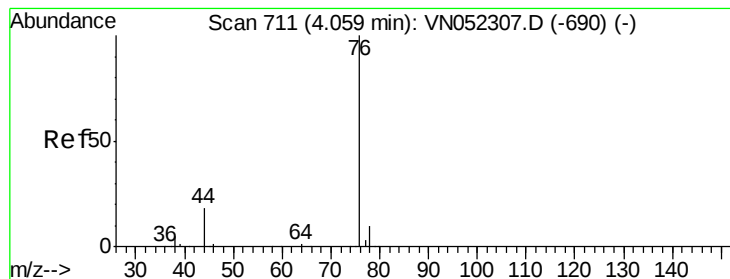
58 28.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 160.037 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

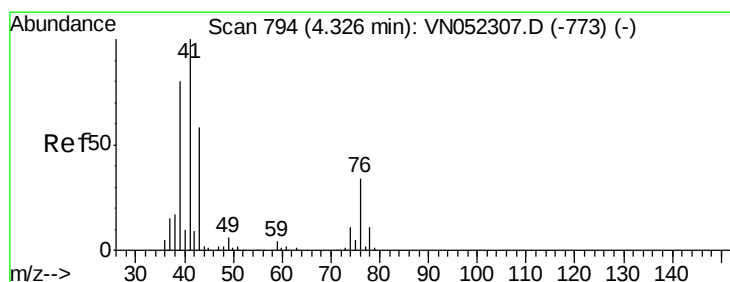
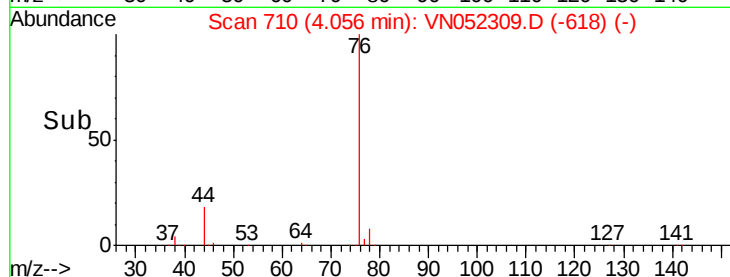
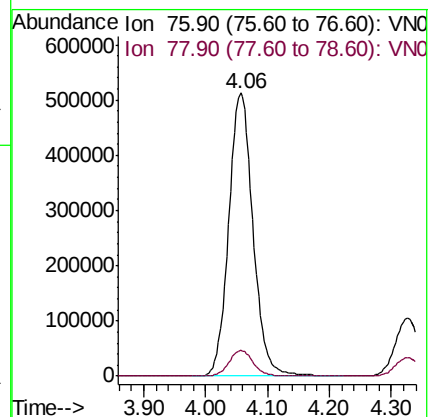
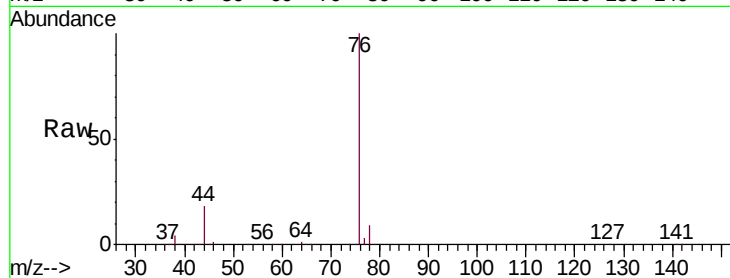
VSTDIC150

Tgt Ion: 76 Resp: 1396943

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



#18

Methyl Acetate

Concen: 147.176 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052309.D

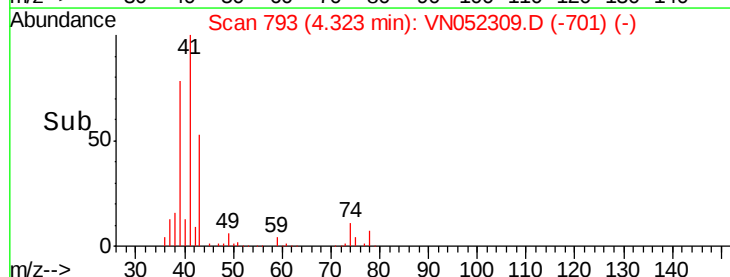
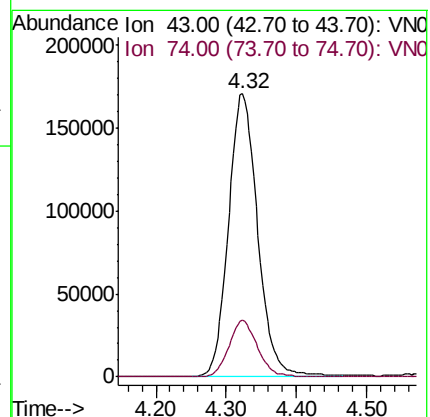
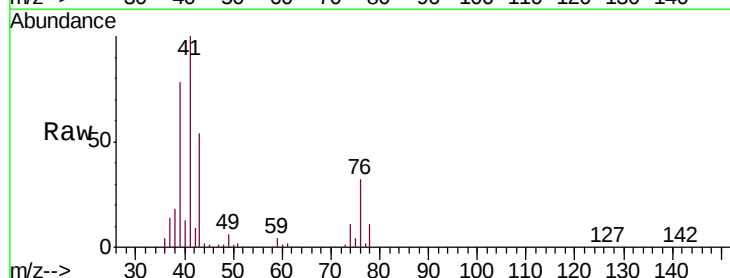
Acq: 14 Nov 2018 12:44

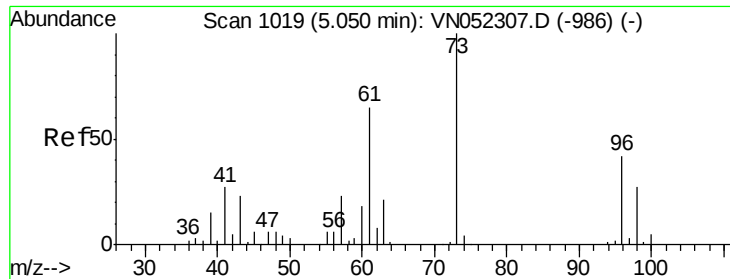
Tgt Ion: 43 Resp: 491166

Ion Ratio Lower Upper

43 100

74 19.8 15.9 23.9

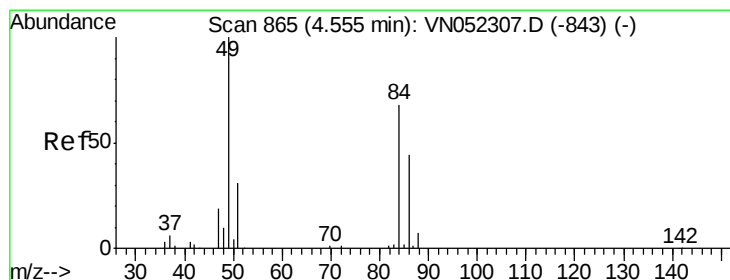
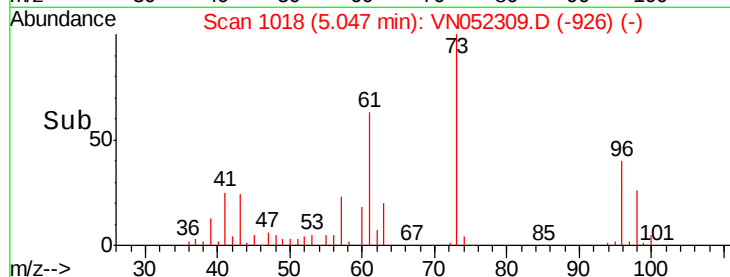
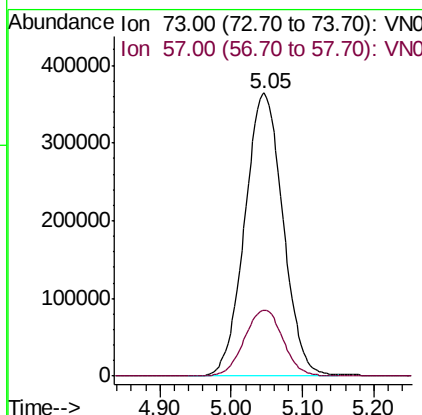
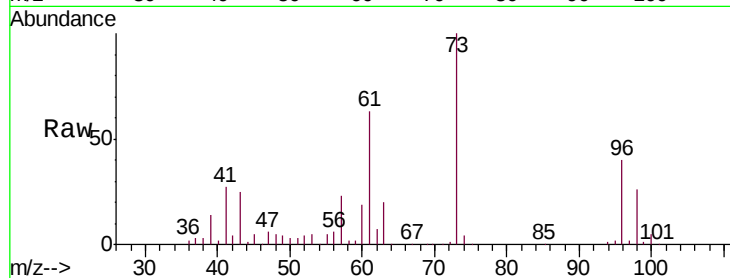




#19
Methyl tert-butyl Ether
Concen: 154.957 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

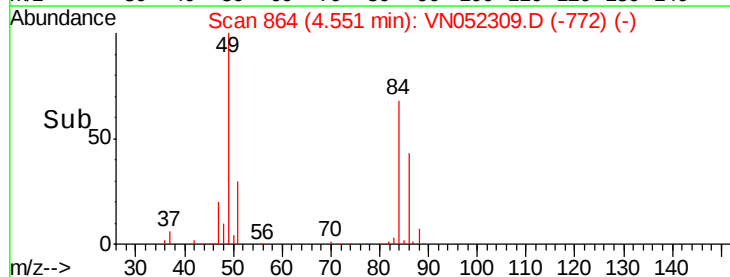
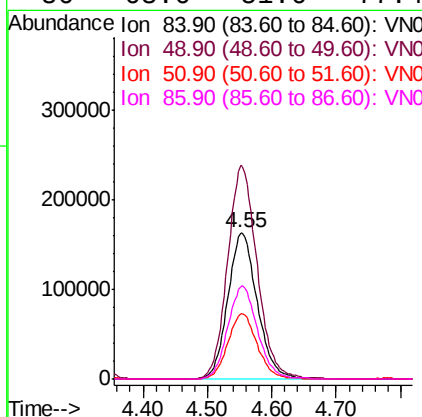
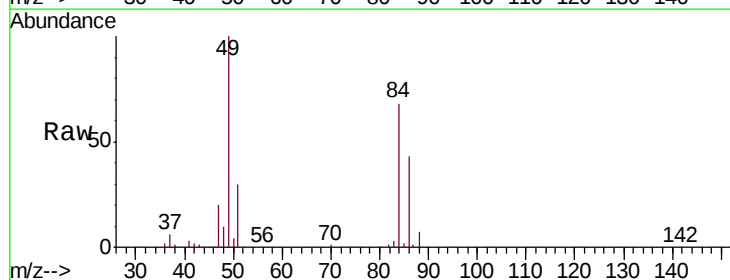
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

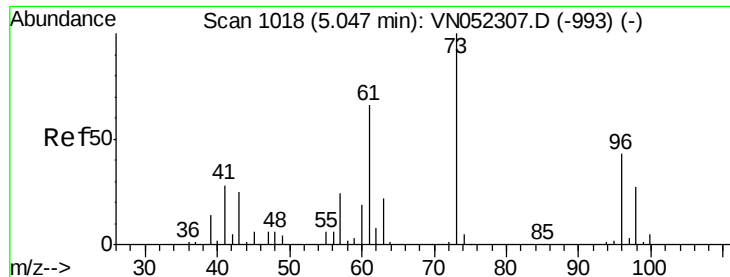
Tgt Ion: 73 Resp: 1355541
Ion Ratio Lower Upper
73 100
57 23.4 18.7 28.1



#20
Methylene Chloride
Concen: 135.452 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 84 Resp: 518523
Ion Ratio Lower Upper
84 100
49 146.3 118.2 177.2
51 44.6 36.1 54.1
86 63.6 51.6 77.4

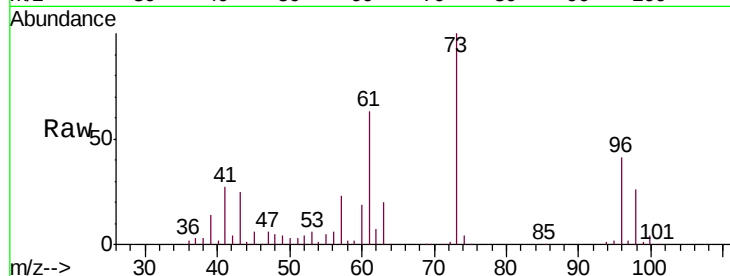




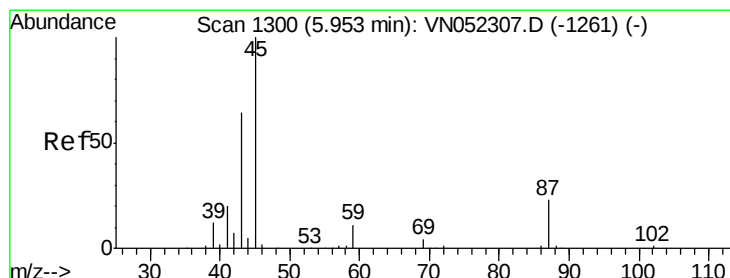
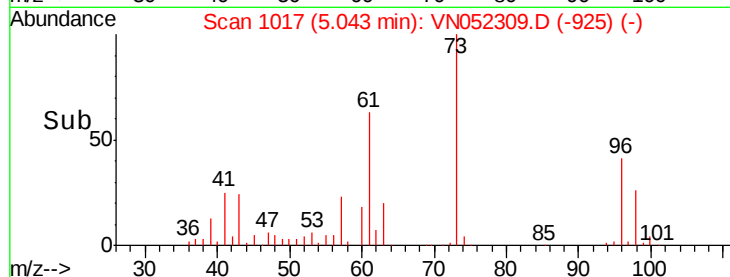
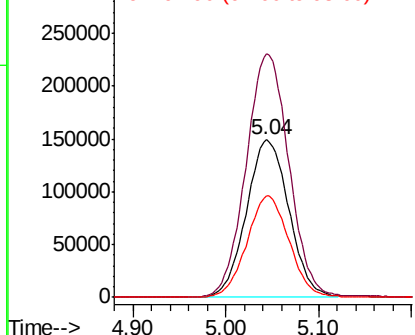
#21
trans-1,2-Dichloroethene
Concen: 151.336 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 477193
Ion Ratio Lower Upper
96 100
61 154.5 123.6 185.4
98 64.3 50.7 76.1

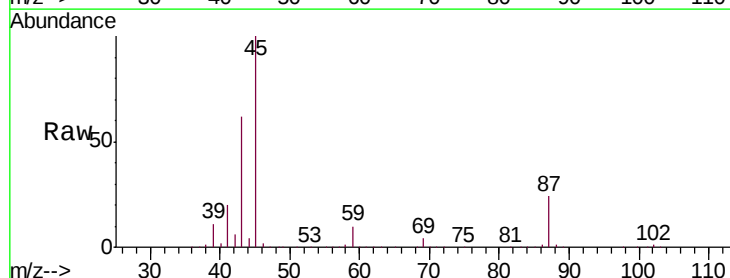


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

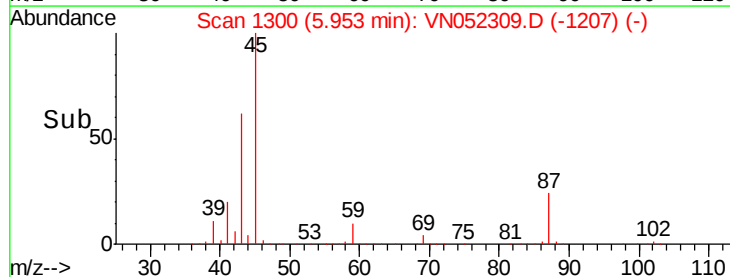
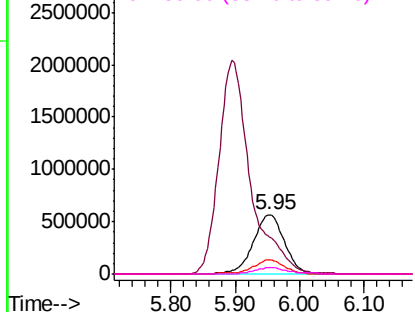


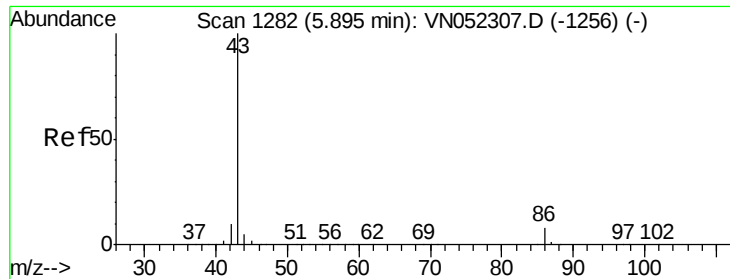
#22
Diisopropyl ether
Concen: 148.940 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 45 Resp: 1919793
Ion Ratio Lower Upper
45 100
43 61.6 51.4 77.2
87 23.8 18.8 28.2
59 10.2 8.6 12.8



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

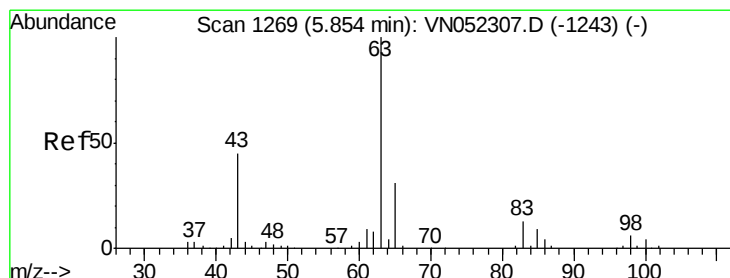
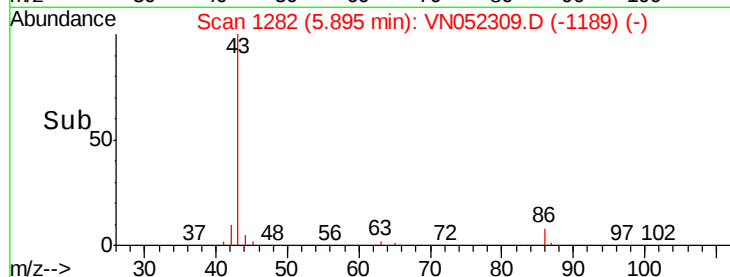
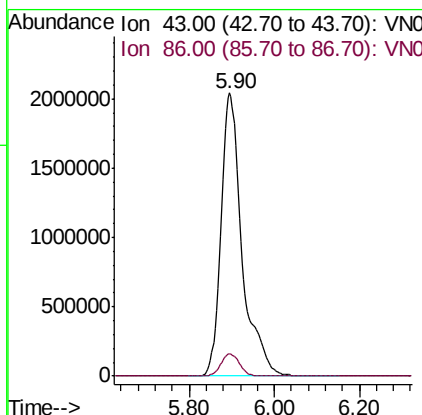
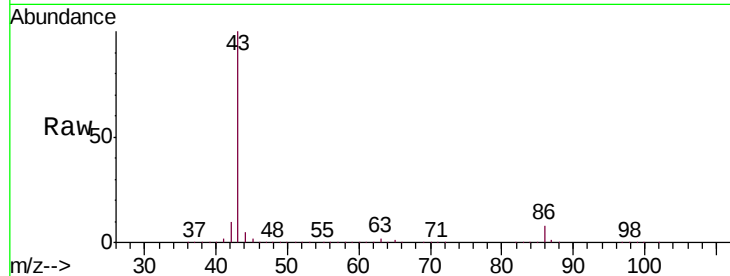




#23
 Vinyl Acetate
 Concen: 810.122 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

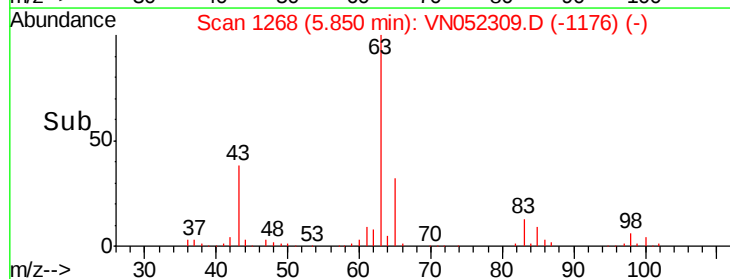
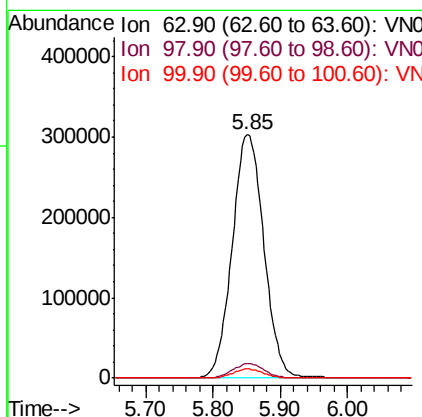
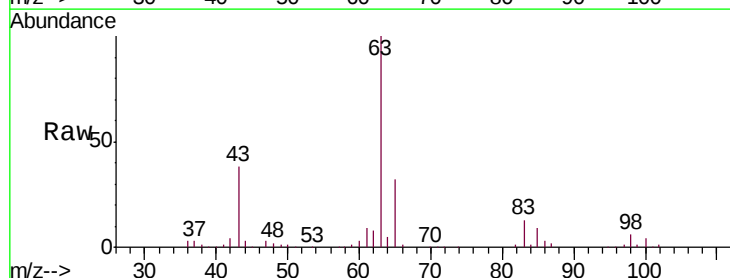
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

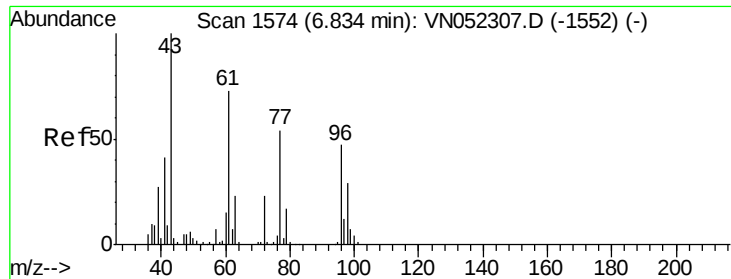
Tgt Ion: 43 Resp: 7008654
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 145.236 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 63 Resp: 993203
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.6
 100 3.6 1.9 5.7

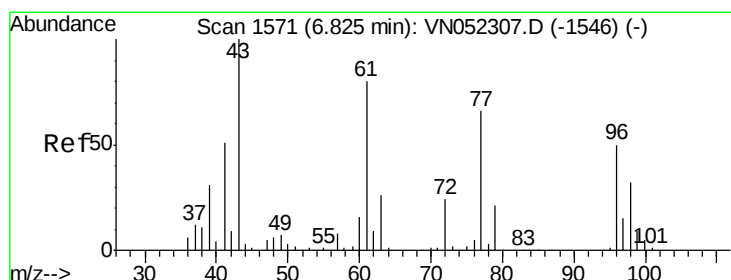
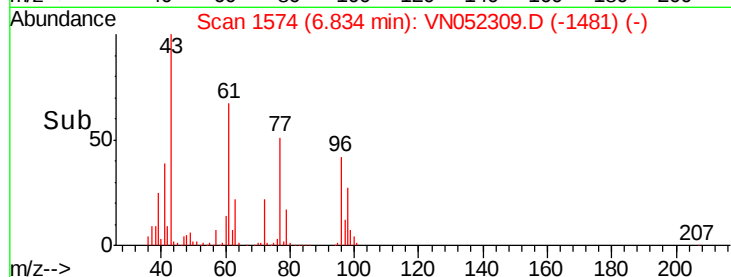
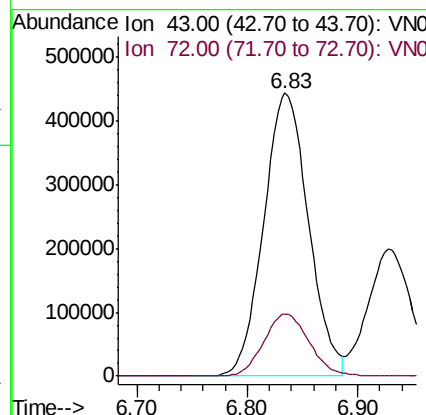
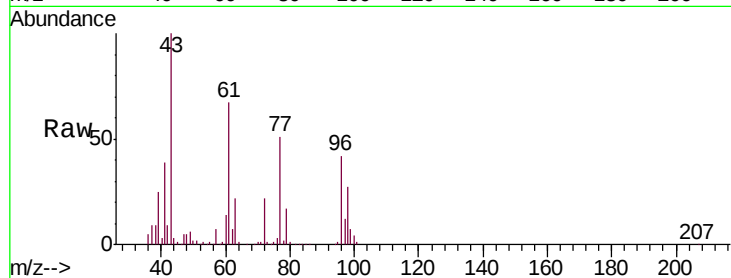




#25
2-Butanone
Concen: 771.134 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

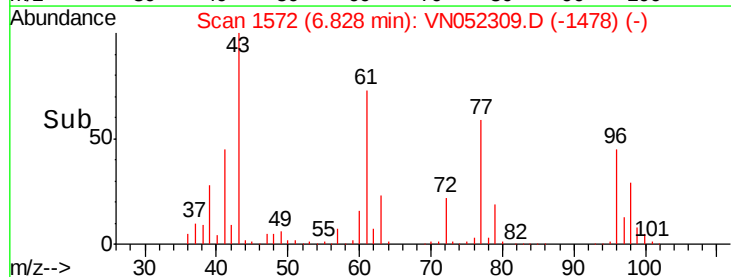
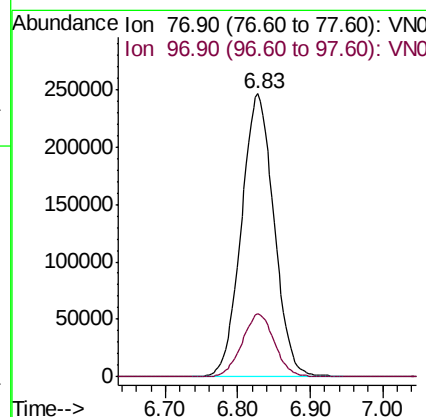
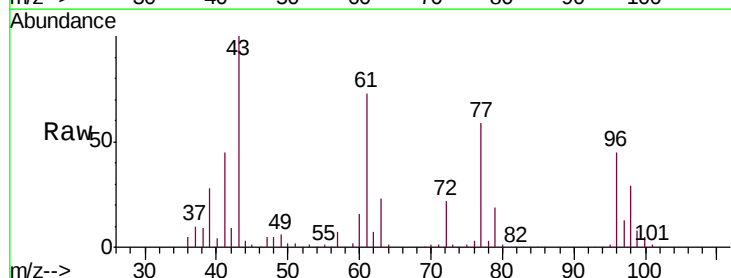
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

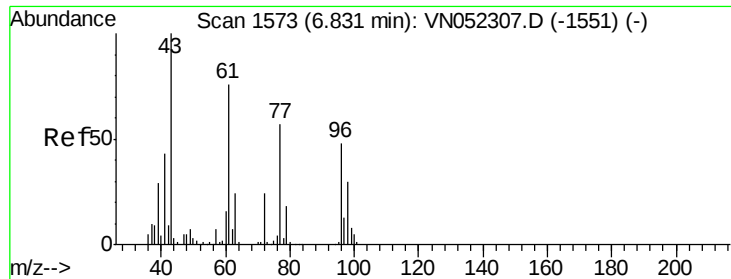
Tgt Ion: 43 Resp: 1248173
Ion Ratio Lower Upper
43 100
72 22.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 153.186 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 77 Resp: 770296
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1

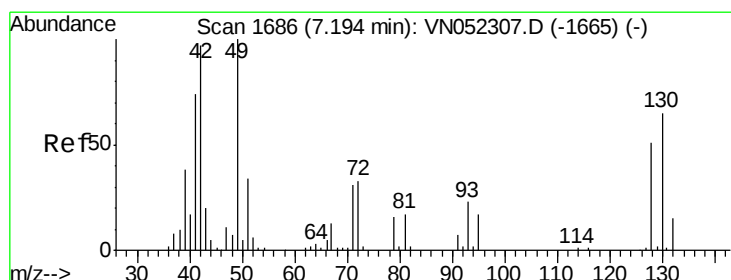
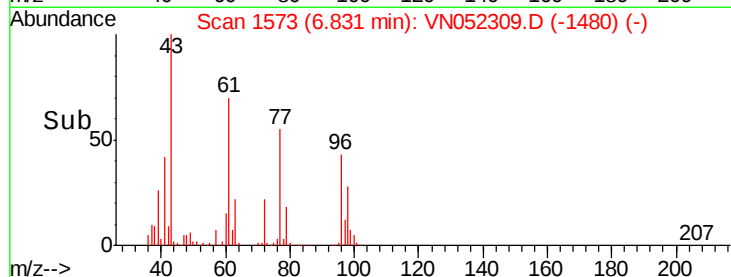
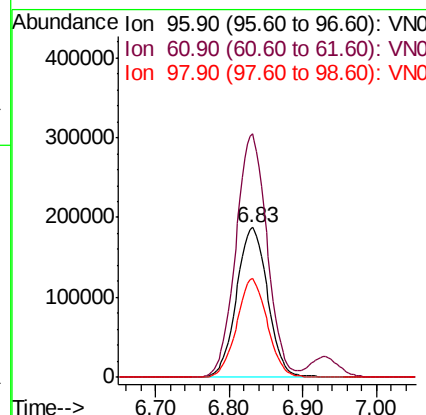
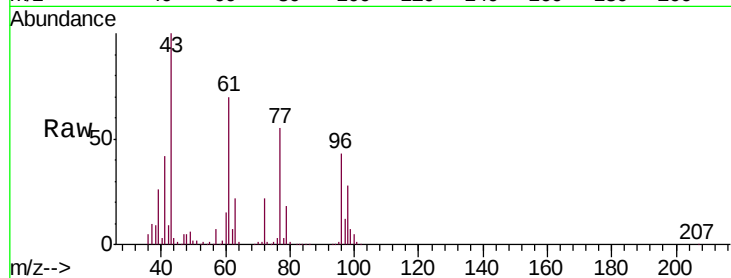




#27
 cis-1,2-Dichloroethene
 Concen: 144.961 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

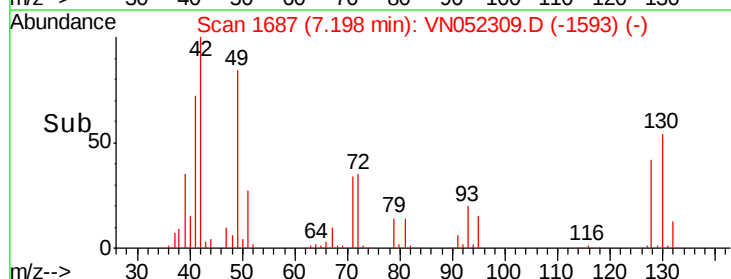
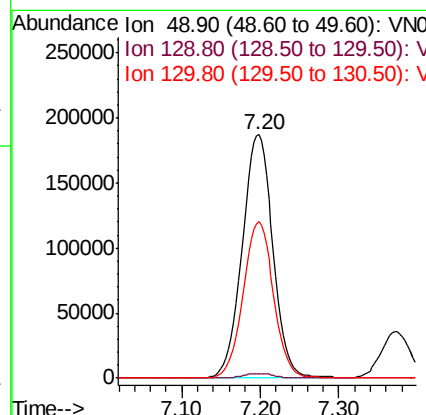
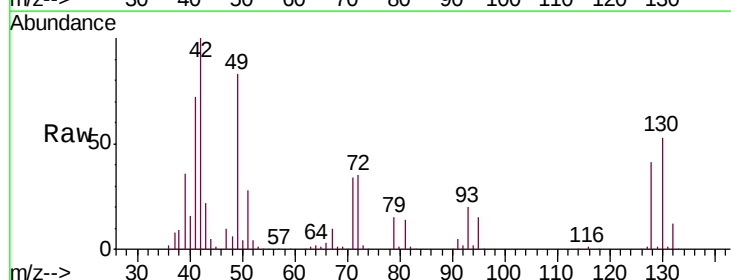
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

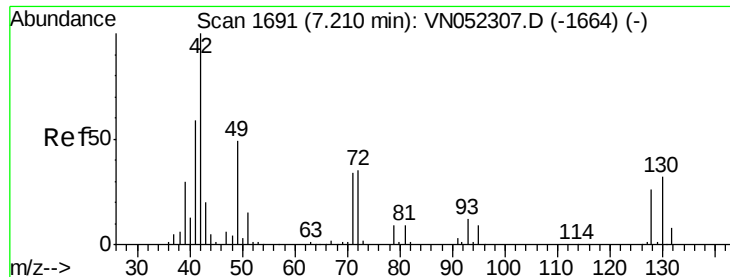
Tgt Ion: 96 Resp: 553071
 Ion Ratio Lower Upper
 96 100
 61 162.2 0.0 316.8
 98 64.8 0.0 126.6



#28
 Bromochloromethane
 Concen: 146.136 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 49 Resp: 513850
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 63.6 50.4 75.6





#29

Tetrahydrofuran

Concen: 761.343 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

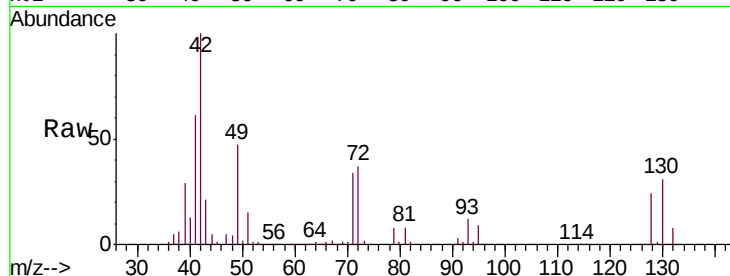
Tgt Ion: 42 Resp: 815899

Ion Ratio Lower Upper

42 100

72 35.9 28.6 42.8

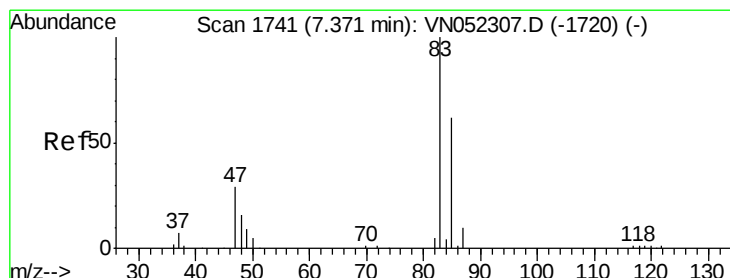
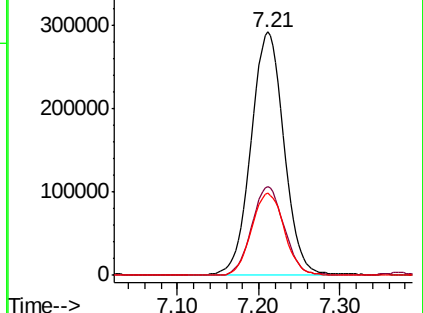
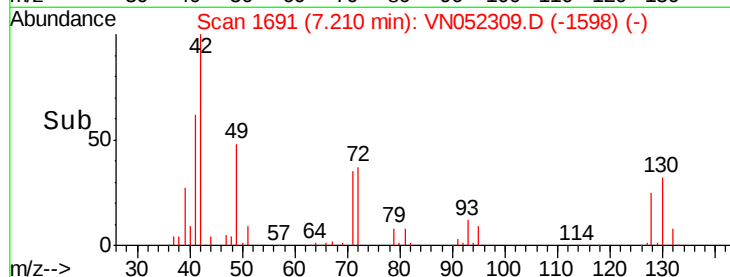
71 33.8 26.7 40.1



Abundance Ion 42.00 (41.70 to 42.70): VN052309.D (-1598) (-)

Ion 72.00 (71.70 to 72.70): VN052309.D (-1598) (-)

Ion 71.00 (70.70 to 71.70): VN052309.D (-1598) (-)



#30

Chloroform

Concen: 147.404 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052309.D

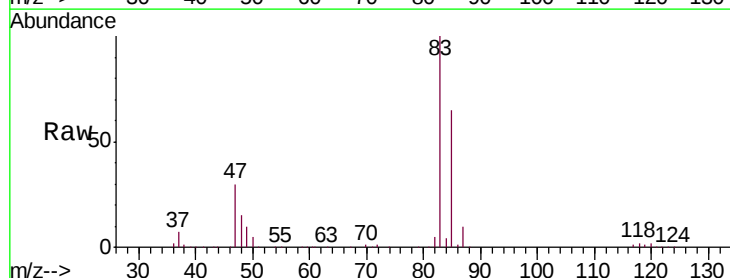
Acq: 14 Nov 2018 12:44

Tgt Ion: 83 Resp: 960660

Ion Ratio Lower Upper

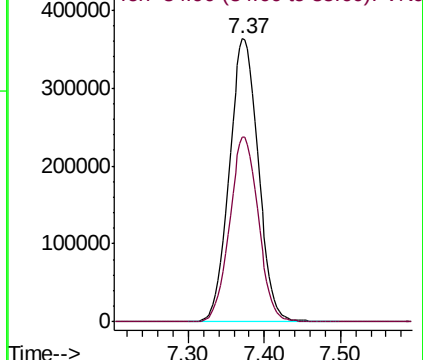
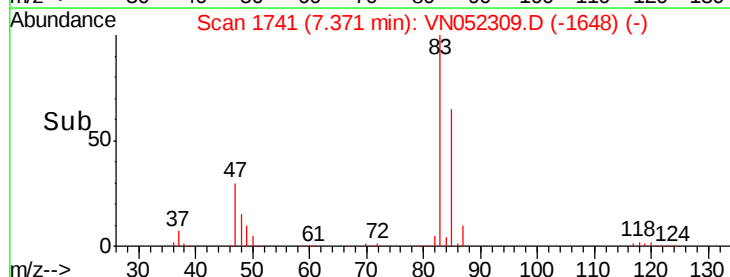
83 100

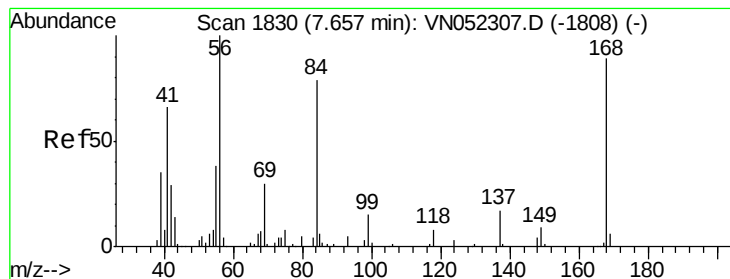
85 65.3 49.4 74.2



Abundance Ion 82.90 (82.60 to 83.60): VN052309.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN052309.D (-1648) (-)





#31

Cyclohexane

Concen: 118.260 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

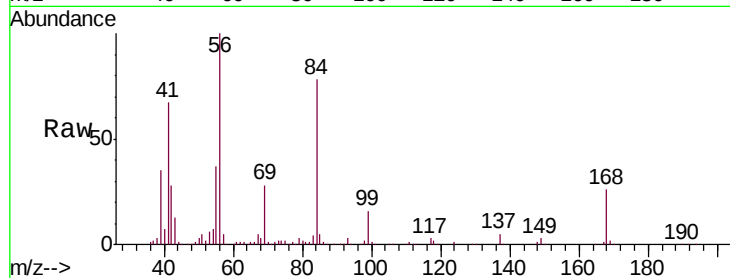
Tgt Ion: 56 Resp: 937587

Ion Ratio Lower Upper

56 100

69 28.3 23.8 35.8

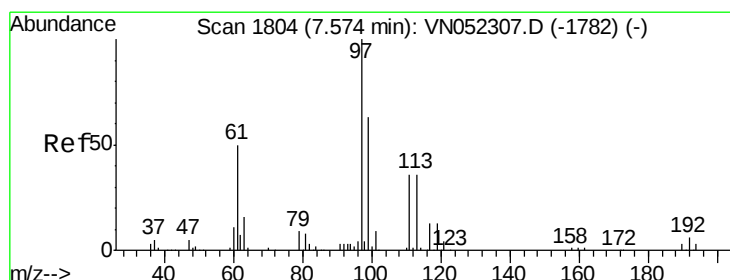
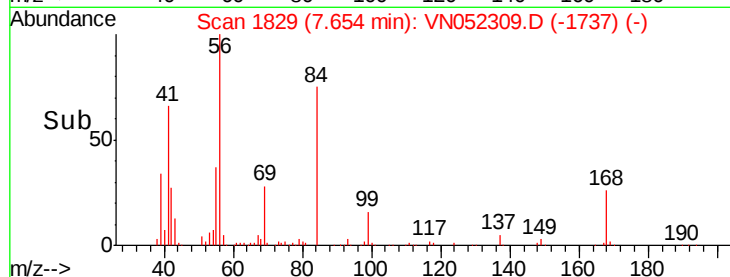
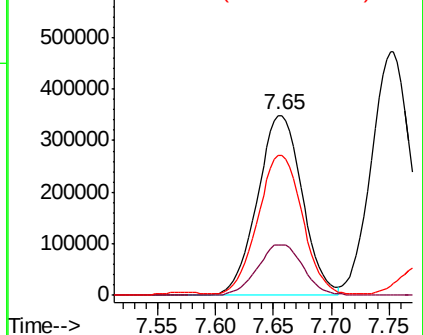
84 76.2 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN052307.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN052307.D (-1808) (-)



#32

1,1,1-Trichloroethane

Concen: 150.645 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

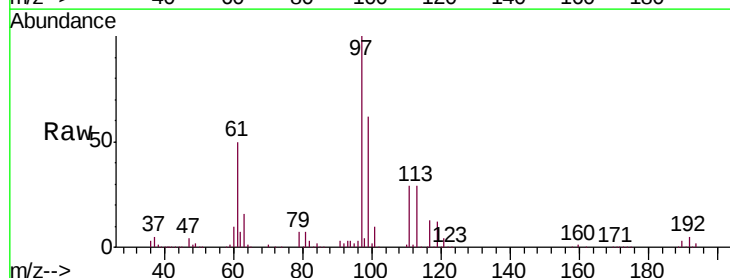
Tgt Ion: 97 Resp: 836350

Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

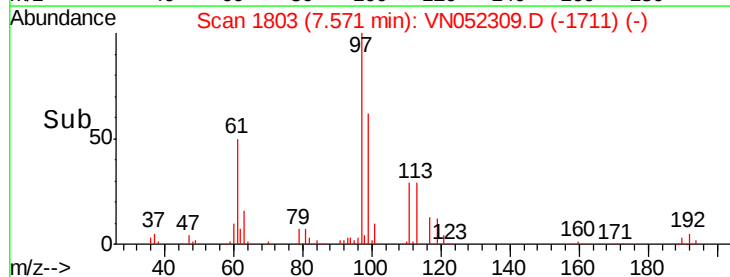
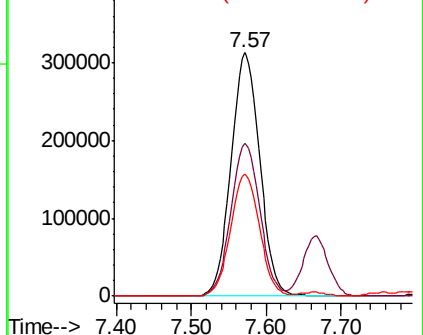
61 50.5 40.2 60.4

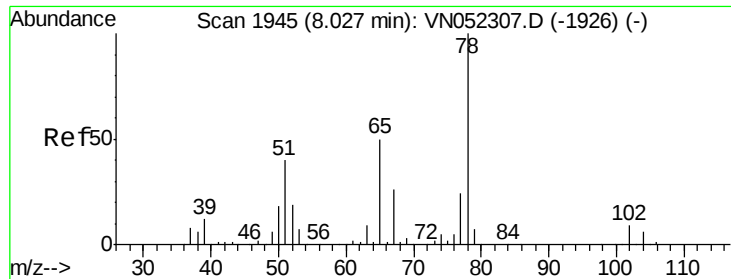


Abundance Ion 96.90 (96.60 to 97.60): VN052307.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1782) (-)

Ion 60.90 (60.60 to 61.60): VN052307.D (-1782) (-)

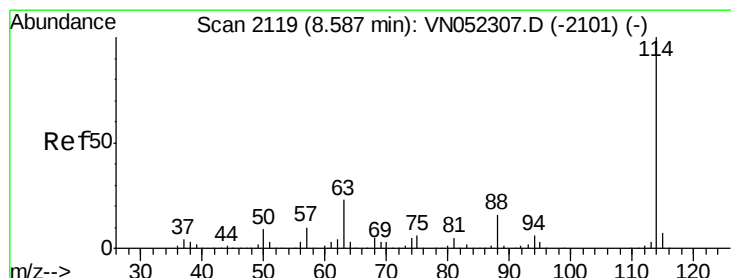
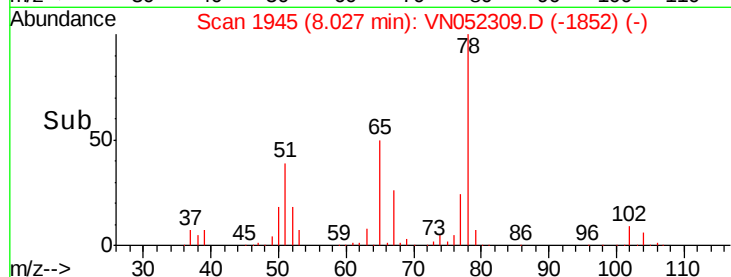
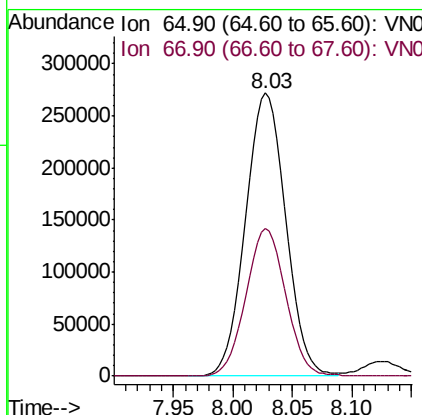
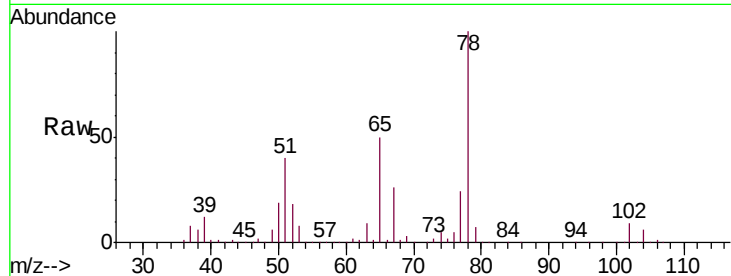




#33
 1,2-Dichloroethane-d4
 Concen: 150.645 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

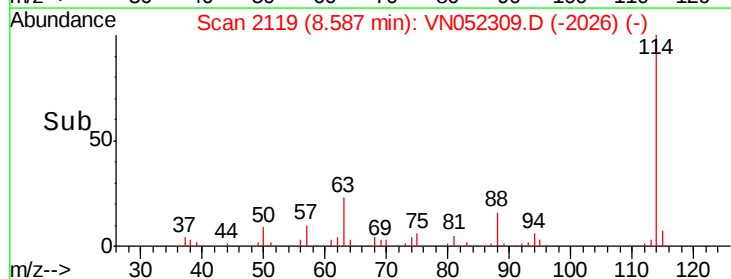
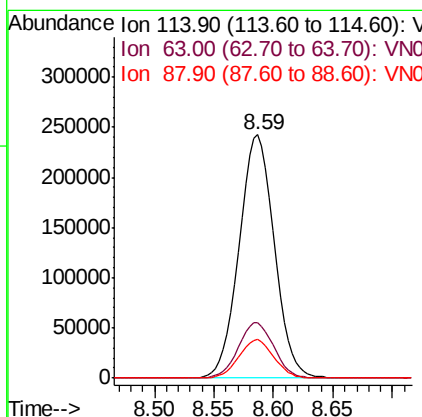
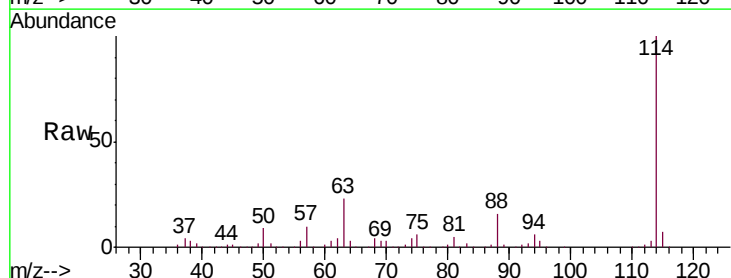
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

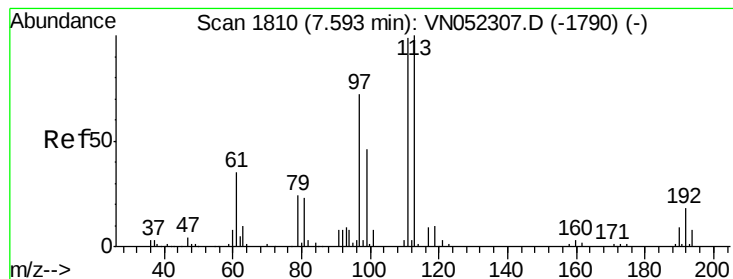
Tgt Ion: 65 Resp: 637821
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 114 Resp: 497822
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.4
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

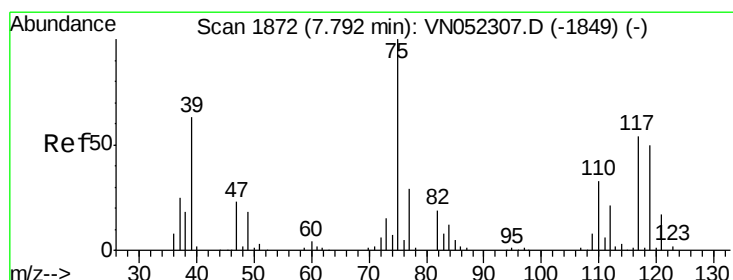
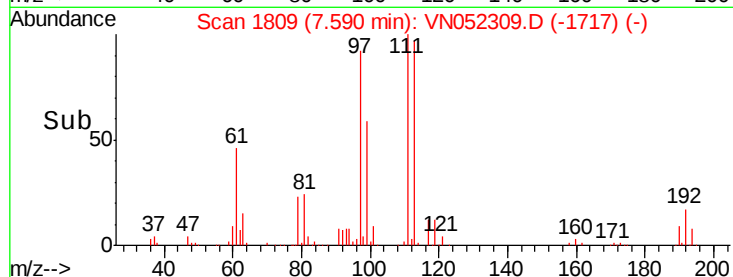
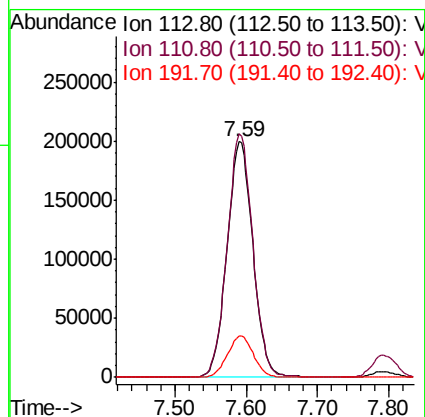
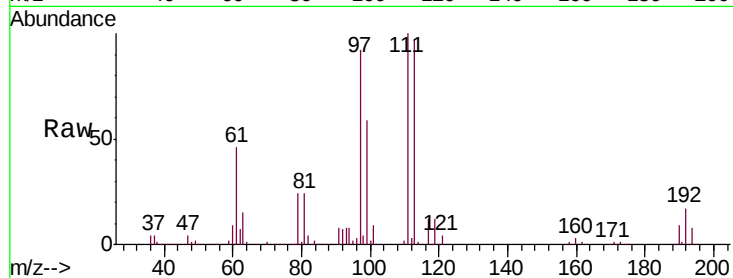
Tgt Ion:113 Resp: 504012

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

192 17.6 13.8 20.6



#36

1,1-Dichloropropene

Concen: 150.770 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

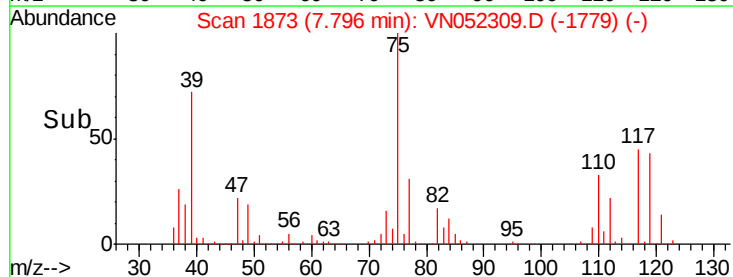
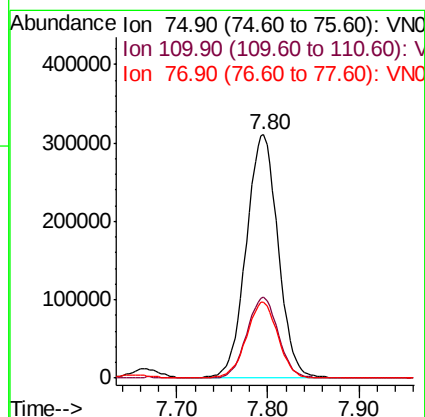
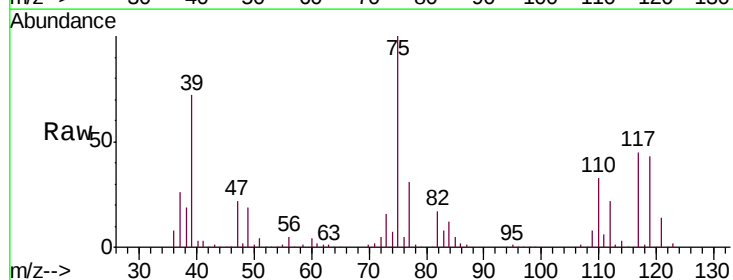
Tgt Ion: 75 Resp: 752291

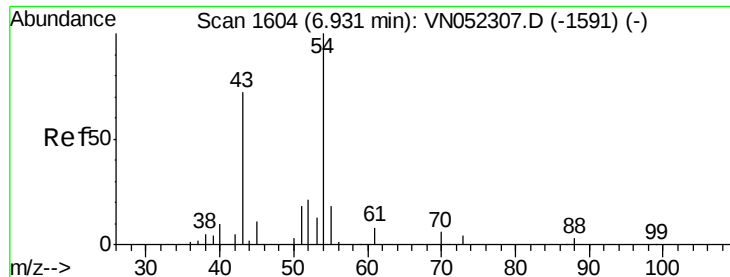
Ion Ratio Lower Upper

75 100

110 32.9 16.5 49.5

77 31.0 24.2 36.2

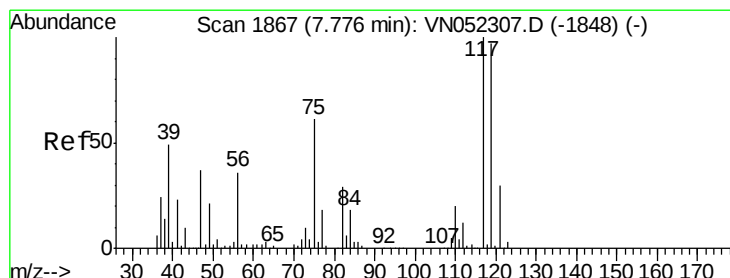
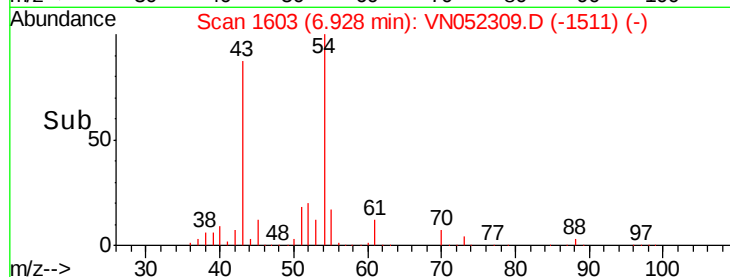
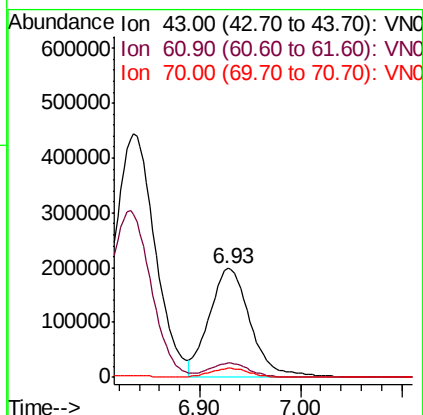
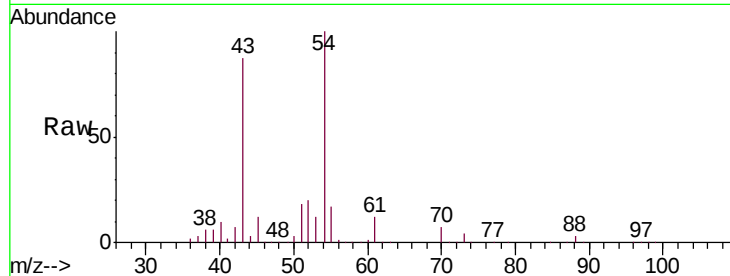




#37
Ethyl Acetate
Concen: 145.776 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

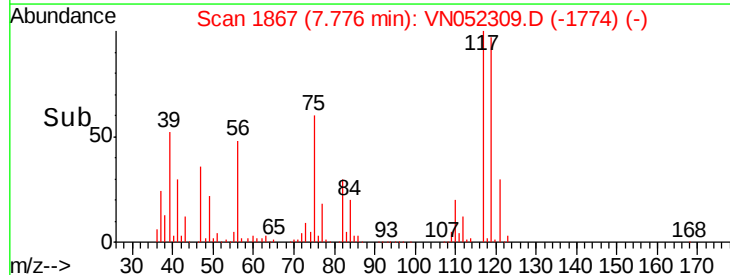
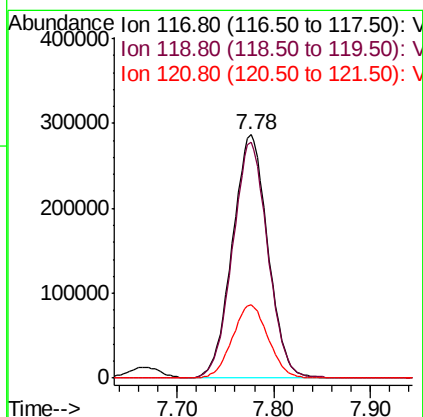
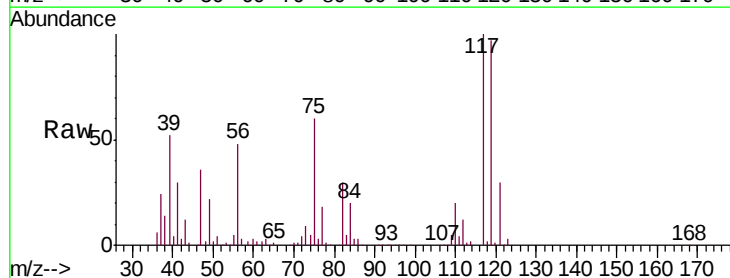
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

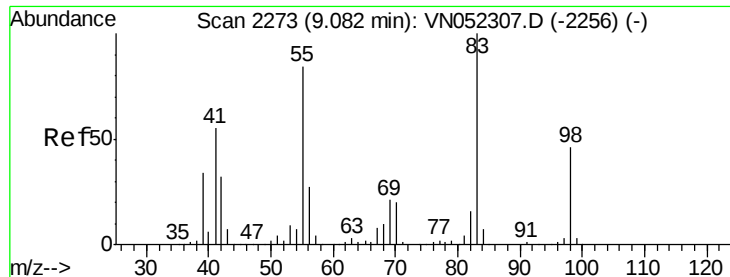
Tgt Ion: 43 Resp: 555761
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 7.9 5.6 8.4



#38
Carbon Tetrachloride
Concen: 158.545 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 117 Resp: 726793
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 29.9 24.0 36.0

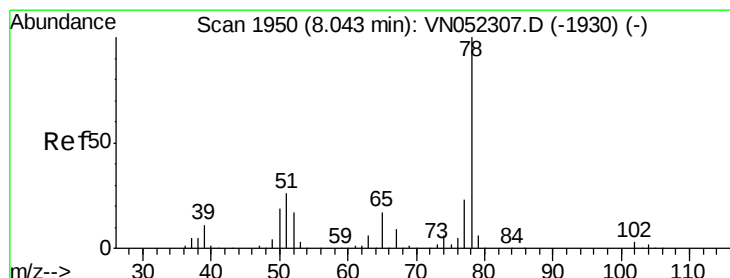
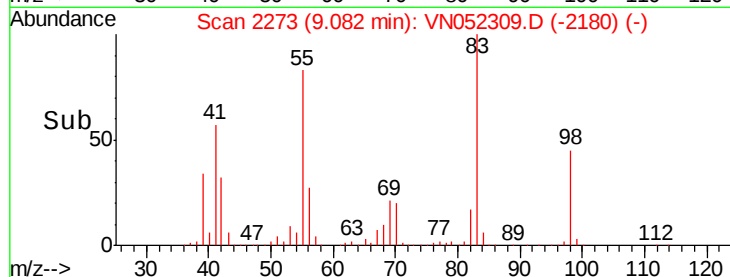
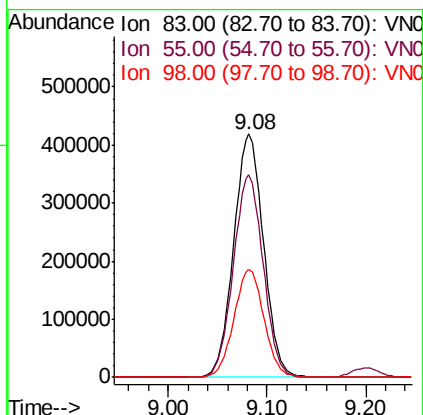
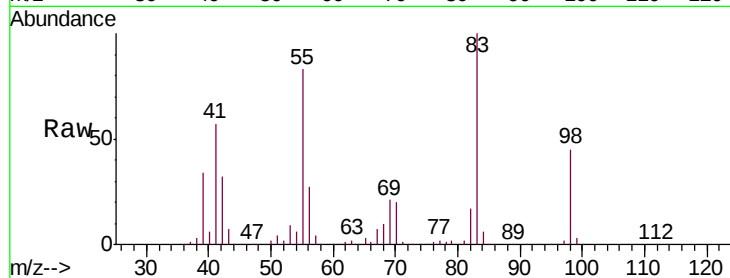




#39
Methylcyclohexane
Concen: 154.590 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

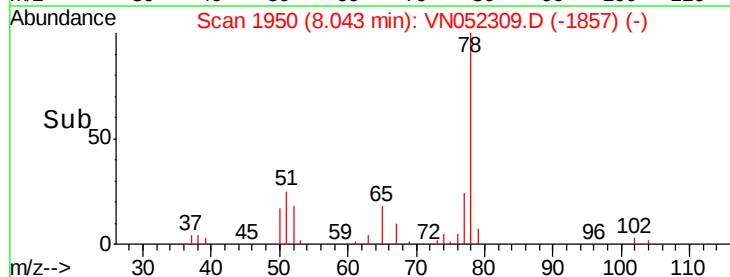
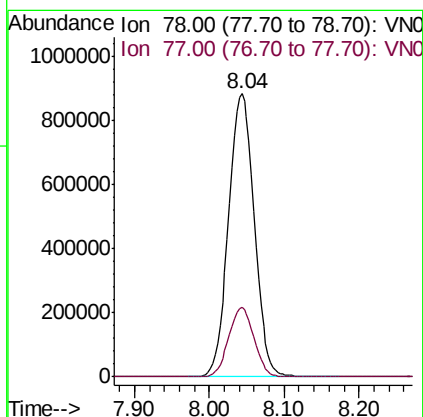
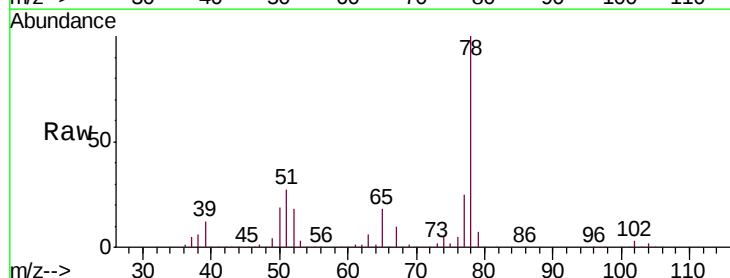
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

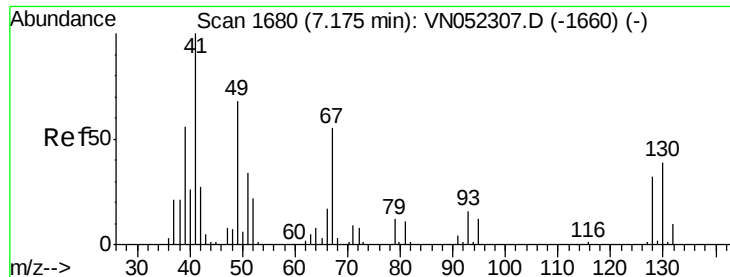
Tgt Ion: 83 Resp: 880557
Ion Ratio Lower Upper
83 100
55 83.5 66.8 100.2
98 44.6 36.4 54.6



#40
Benzene
Concen: 148.412 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 78 Resp: 2115530
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

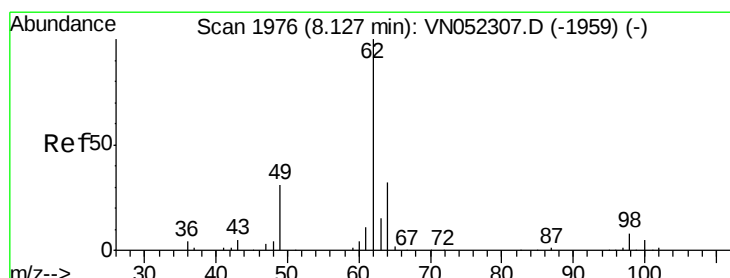
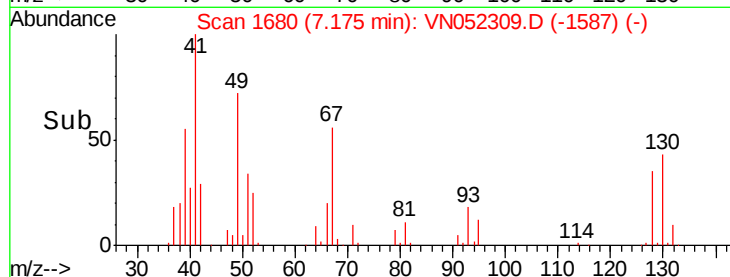
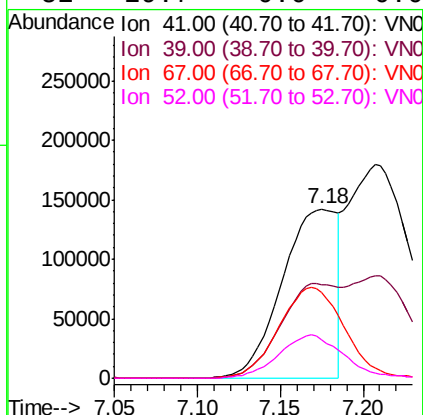
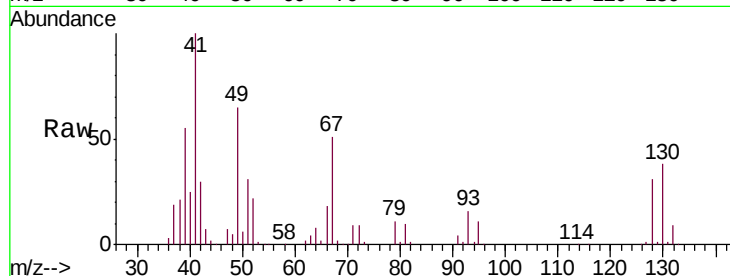




#41
Methacrylonitrile
Concen: 160.172 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

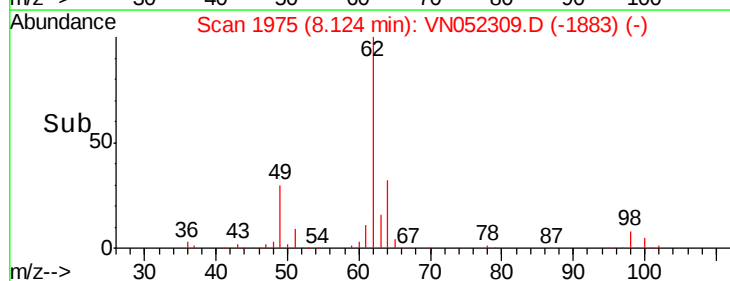
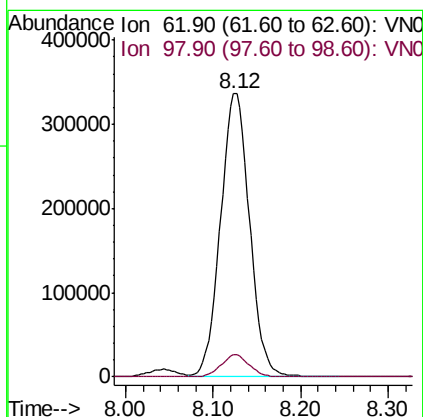
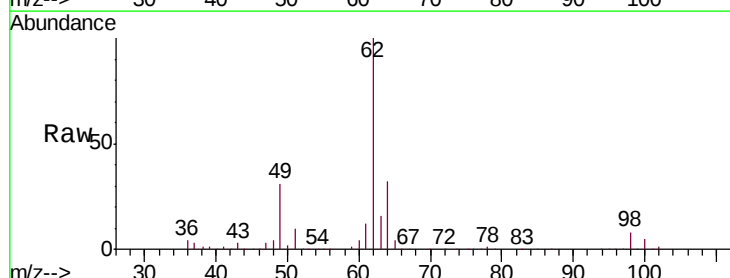
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

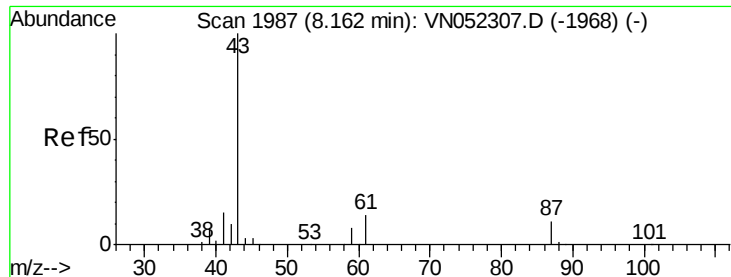
Tgt Ion:	41	Resp:	328601
Ion	Ratio	Lower	Upper
41	100		
39	60.9	0.0	0.0#
67	64.3	0.0	0.0#
52	29.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 152.384 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion:	62	Resp:	774570
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 150.744 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

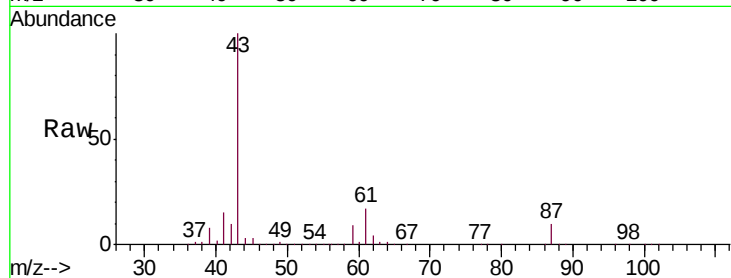
Tgt Ion: 43 Resp: 1053356

Ion Ratio Lower Upper

43 100

61 24.6 12.0 18.0#

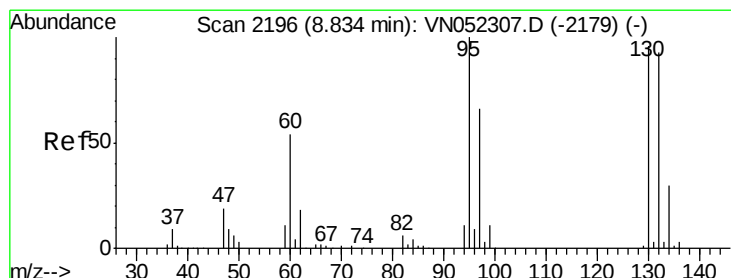
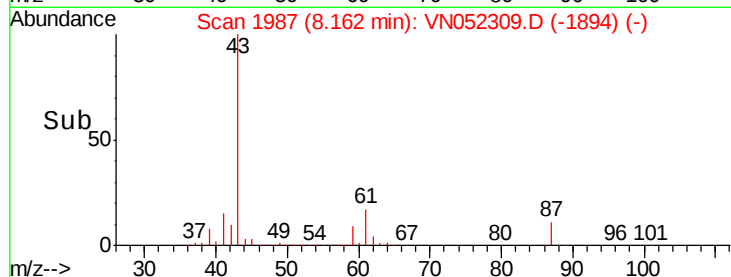
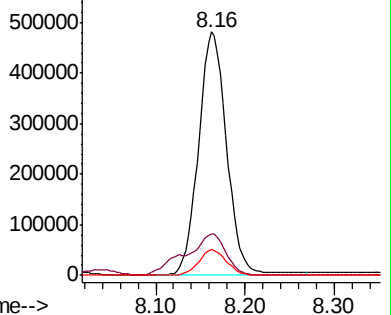
87 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052309.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN052309.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN052309.D (-2103) (-)



#44

Trichloroethene

Concen: 153.682 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052309.D

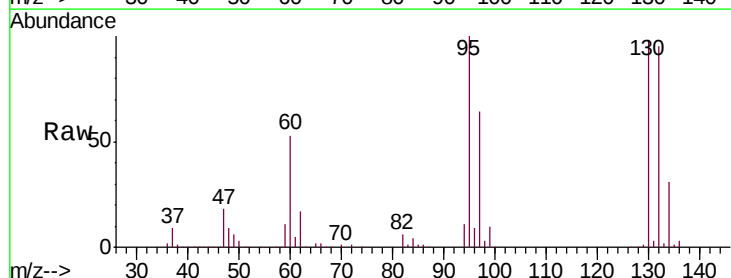
Acq: 14 Nov 2018 12:44

Tgt Ion:130 Resp: 539614

Ion Ratio Lower Upper

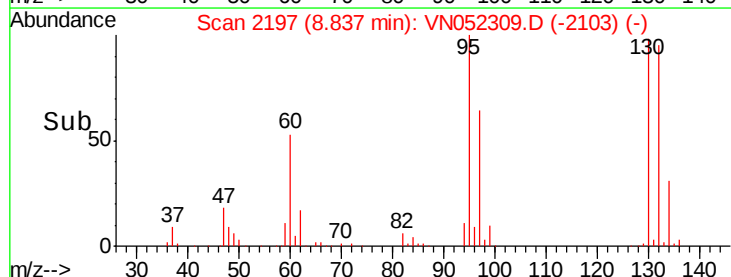
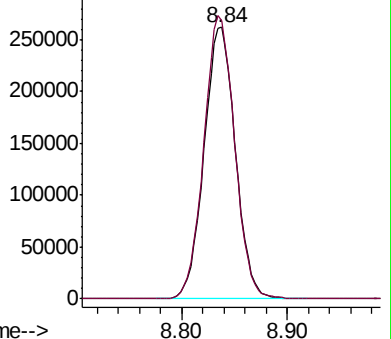
130 100

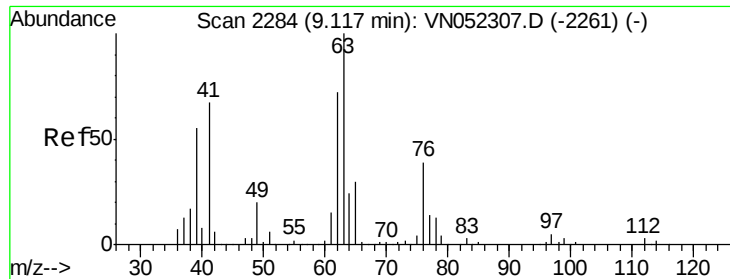
95 102.5 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052309.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN052309.D (-2103) (-)

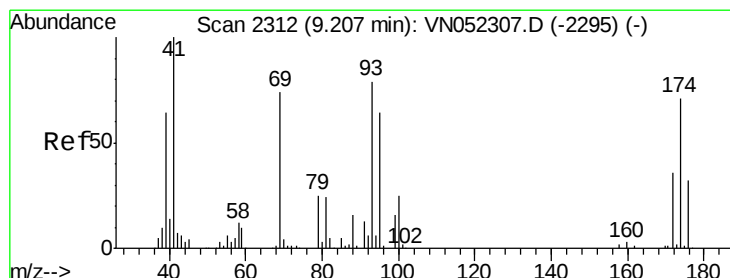
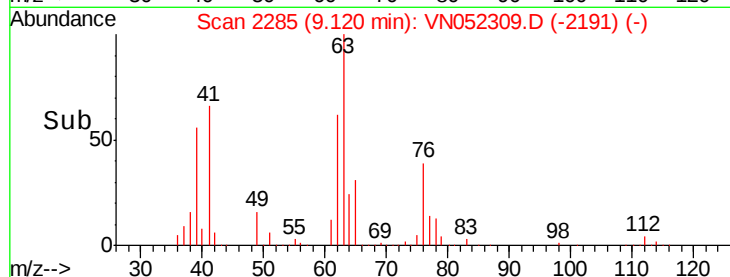
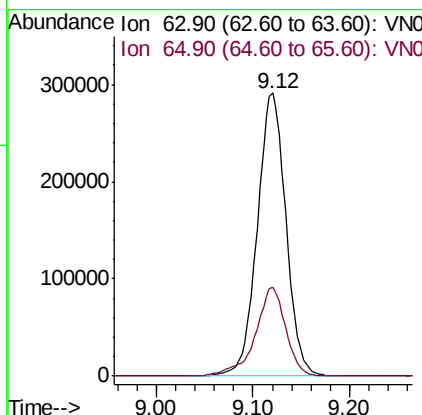
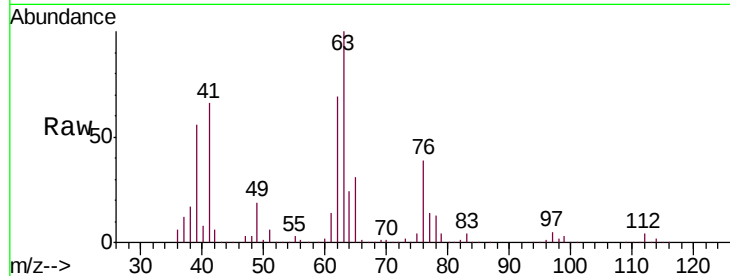




#45
 1,2-Dichloropropane
 Concen: 147.700 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

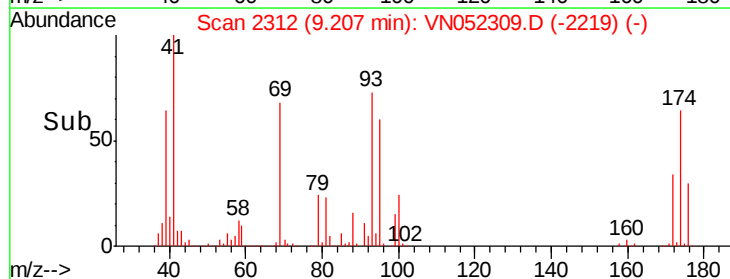
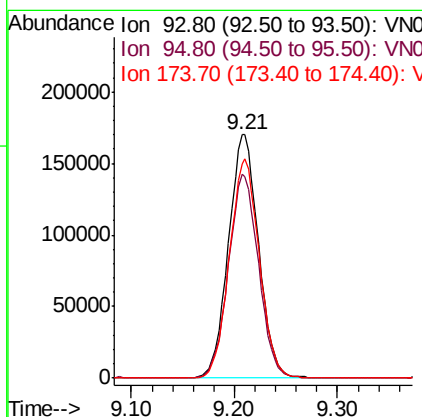
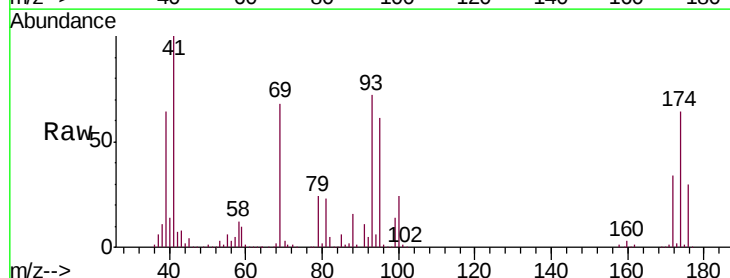
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

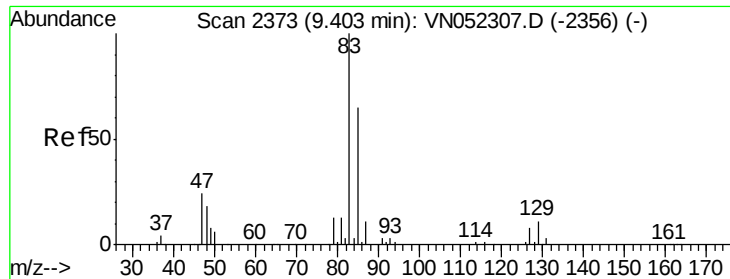
Tgt Ion: 63 Resp: 597495
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 147.412 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 93 Resp: 345217
 Ion Ratio Lower Upper
 93 100
 95 83.8 64.2 96.2
 174 89.7 70.9 106.3





#47

Bromodichloromethane

Concen: 156.107 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

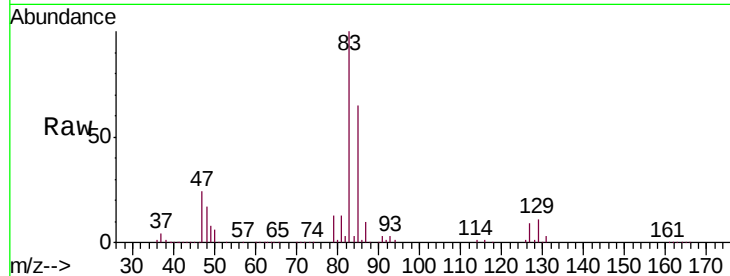
Tgt Ion: 83 Resp: 750198

Ion Ratio Lower Upper

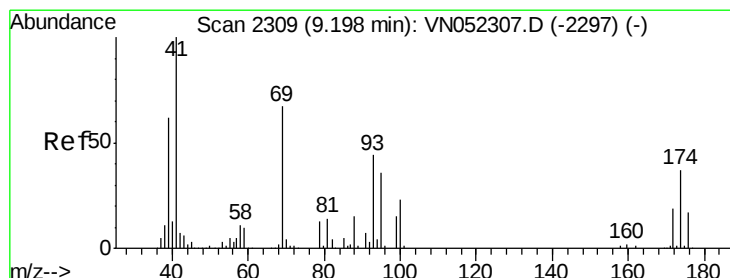
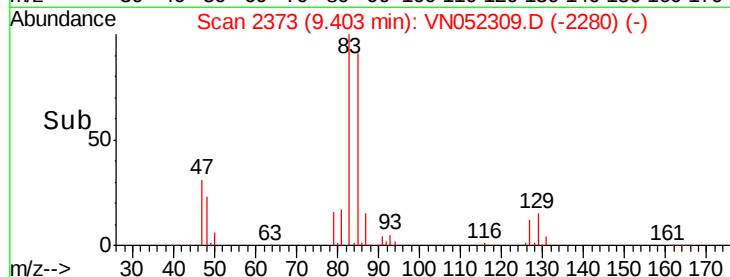
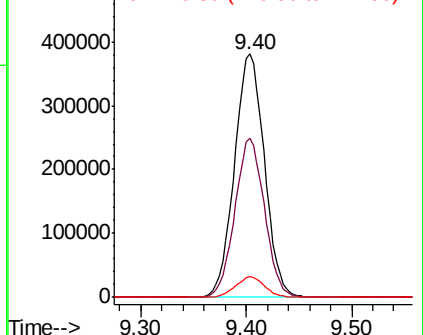
83 100

85 65.3 52.2 78.4

127 8.5 6.7 10.1



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



#48

Methyl methacrylate

Concen: 149.808 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

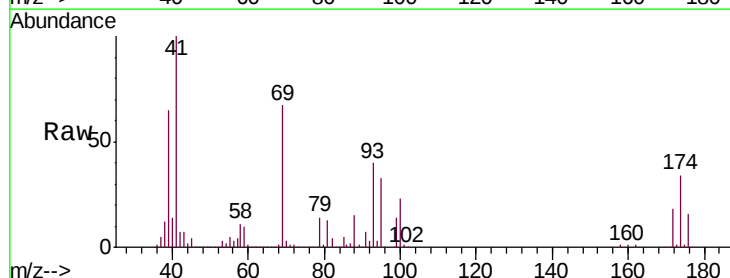
Tgt Ion: 41 Resp: 531174

Ion Ratio Lower Upper

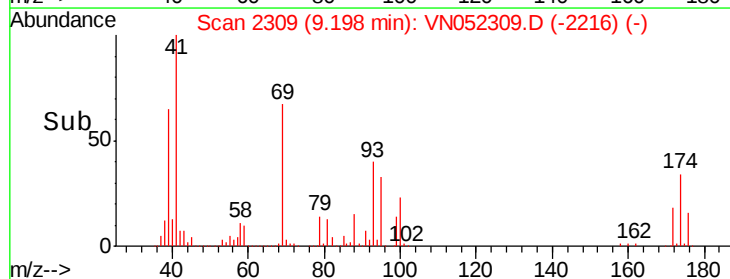
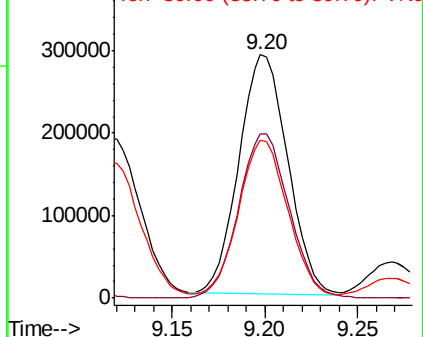
41 100

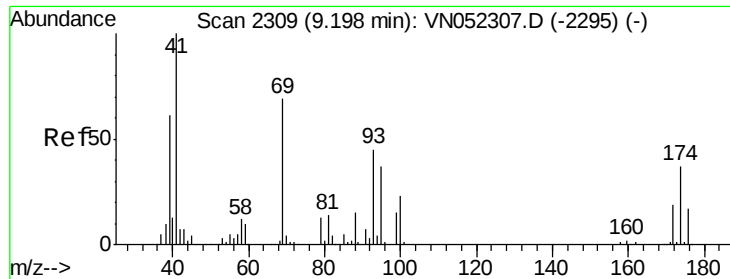
69 71.0 57.1 85.7

39 67.1 52.5 78.7



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





#49

1,4-Dioxane

Concen: 3338.598 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

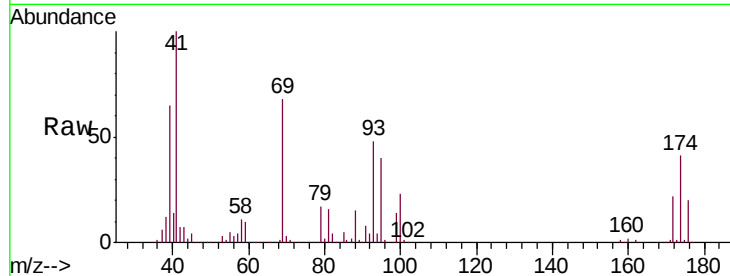
Tgt Ion: 88 Resp: 90872

Ion Ratio Lower Upper

88 100

43 44.1 33.3 49.9

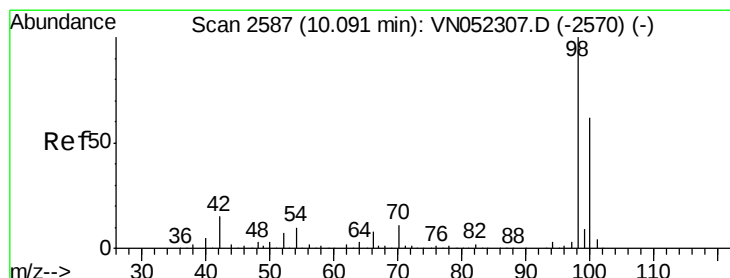
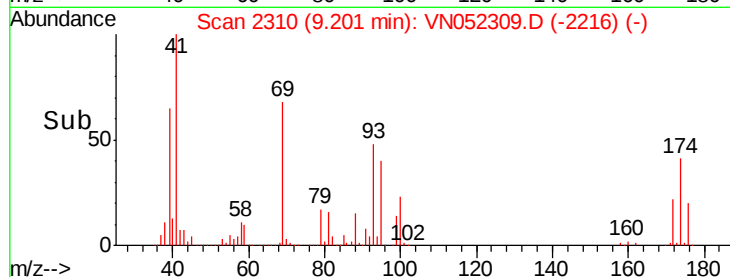
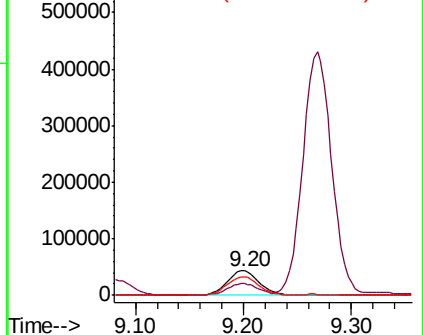
58 76.1 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VN052309.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052309.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052309.D (-2295) (-)



#50

Toluene-d8

Concen: 3338.598 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052309.D

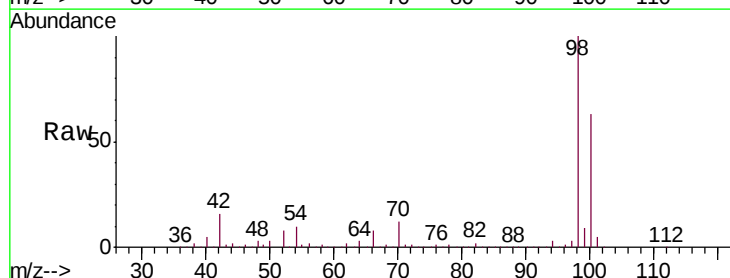
Acq: 14 Nov 2018 12:44

Tgt Ion: 98 Resp: 1960213

Ion Ratio Lower Upper

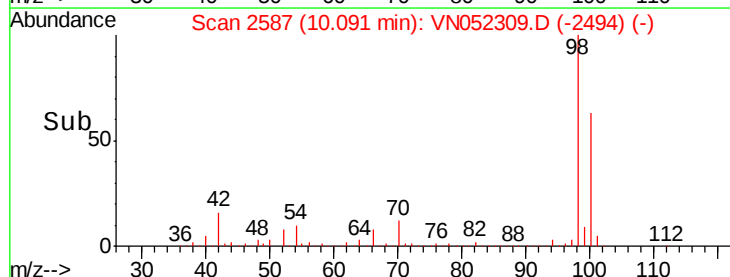
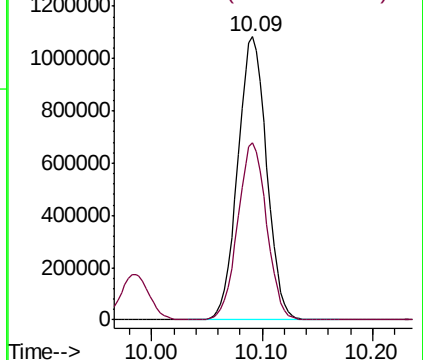
98 100

100 62.5 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052309.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052309.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 791.899 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

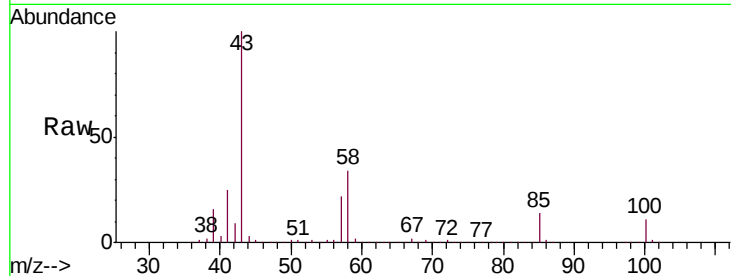
VSTDIC150

Tgt Ion: 43 Resp: 2785440

Ion Ratio Lower Upper

43 100

58 33.9 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)

1500000

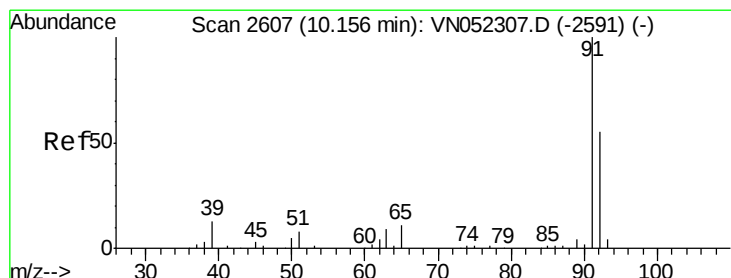
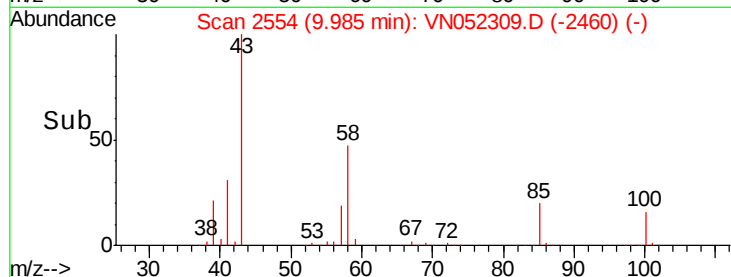
1000000

500000

0

9.90 9.99 10.00 10.10

Time-->



#52

Toluene

Concen: 153.947 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052309.D

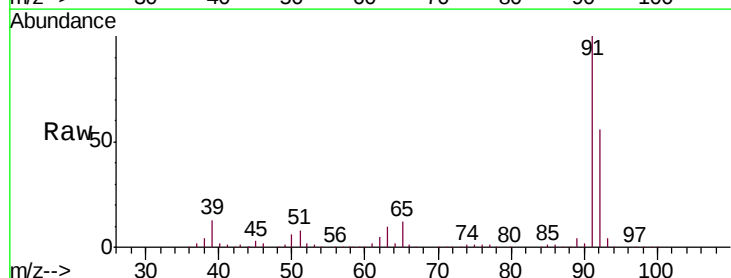
Acq: 14 Nov 2018 12:44

Tgt Ion: 92 Resp: 1312734

Ion Ratio Lower Upper

92 100

91 178.0 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN052307.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052307.D (-2591) (-)

1500000

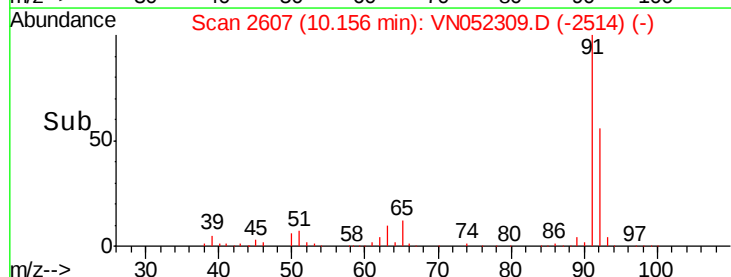
1000000

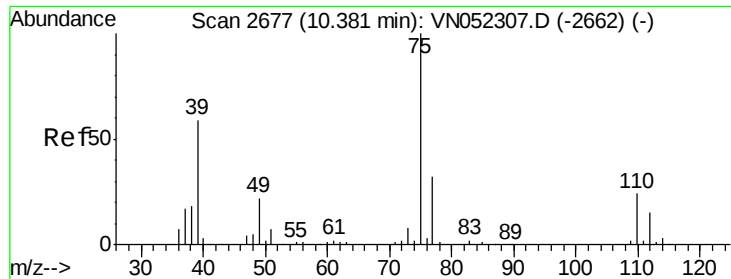
500000

0

10.10 10.16 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 169.106 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

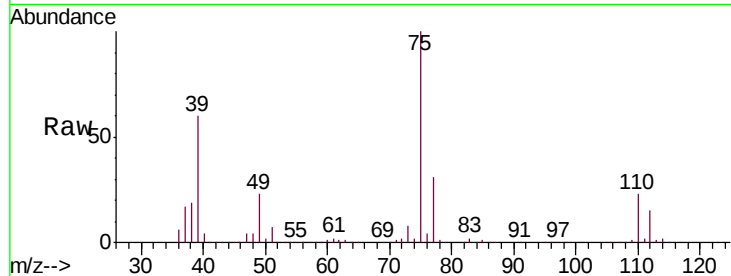
VSTDIC150

Tgt Ion: 75 Resp: 819617

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN052309.D (-2584) (-)

Ion 76.90 (76.60 to 77.60): VN052309.D (-2584) (-)

10.38

500000

400000

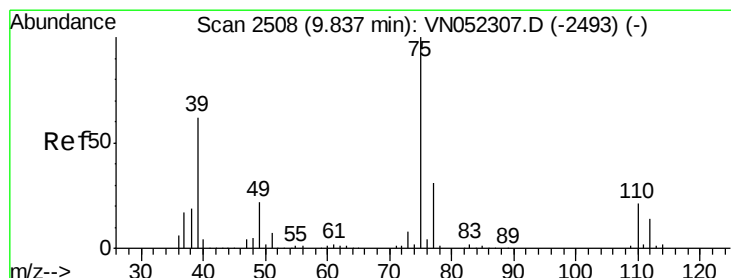
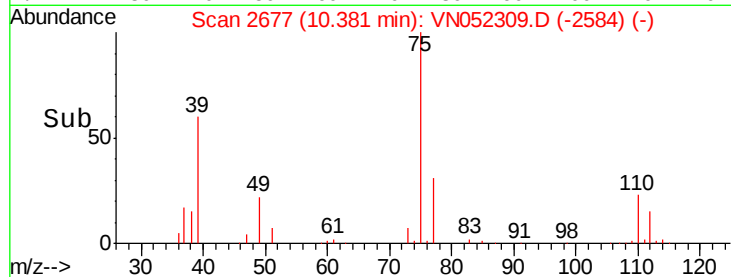
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 163.374 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

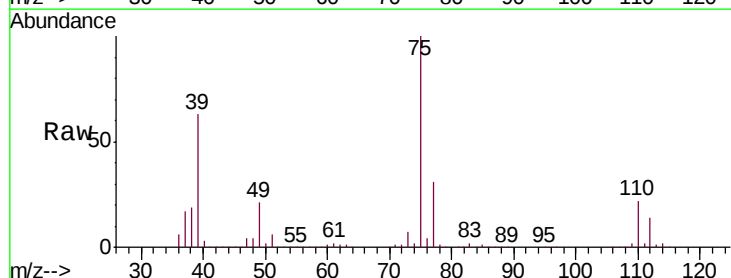
Tgt Ion: 75 Resp: 902672

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 62.9 49.9 74.9



Abundance Ion 74.90 (74.60 to 75.60): VN052309.D (-2415) (-)

Ion 76.90 (76.60 to 77.60): VN052309.D (-2415) (-)

Ion 39.00 (38.70 to 39.70): VN052309.D (-2415) (-)

9.84

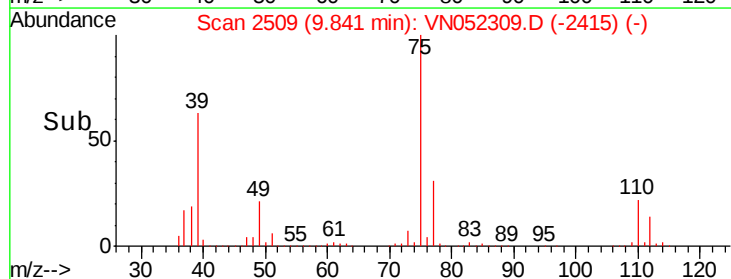
600000

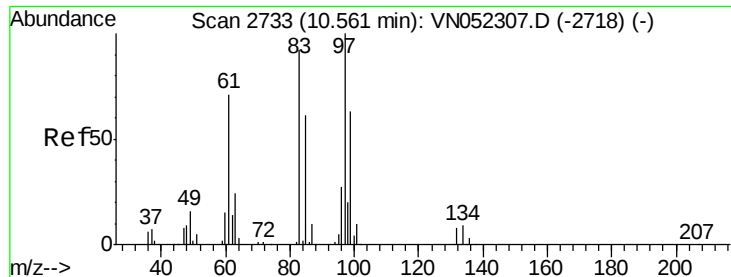
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 150.481 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 465171

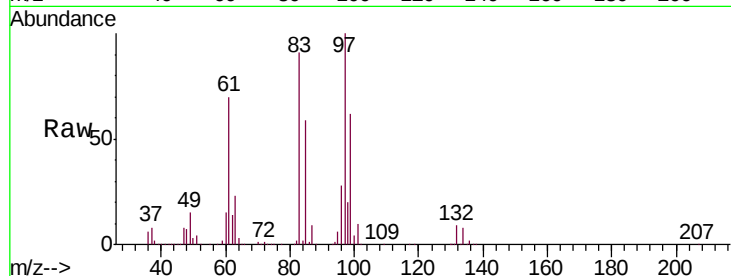
Ion Ratio Lower Upper

97 100

83 90.7 73.8 110.6

85 58.7 49.0 73.4

99 62.1 50.5 75.7

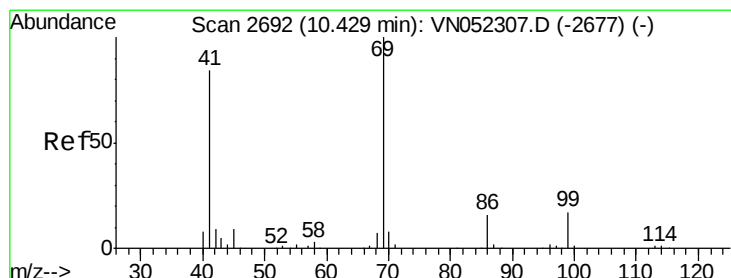
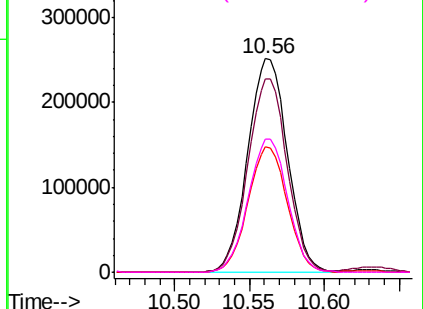
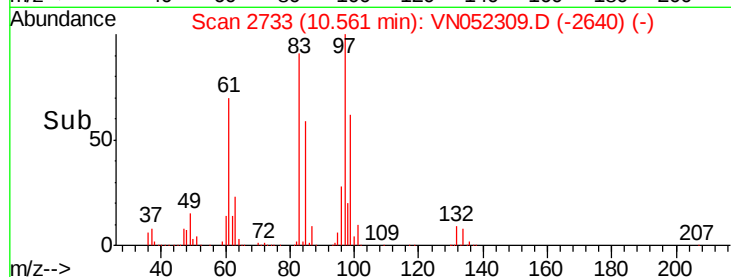


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 166.374 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

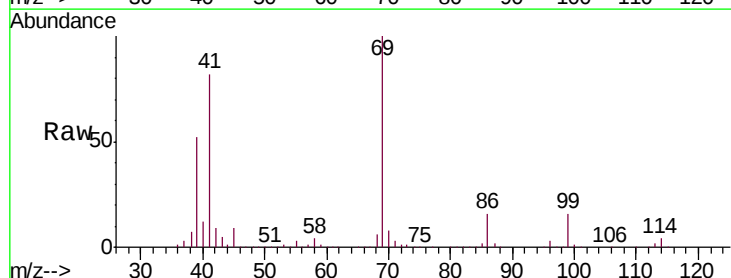
Tgt Ion: 69 Resp: 676372

Ion Ratio Lower Upper

69 100

41 81.8 64.8 97.2

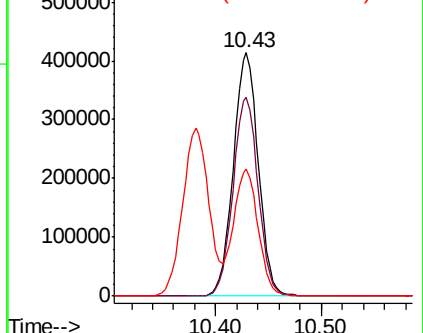
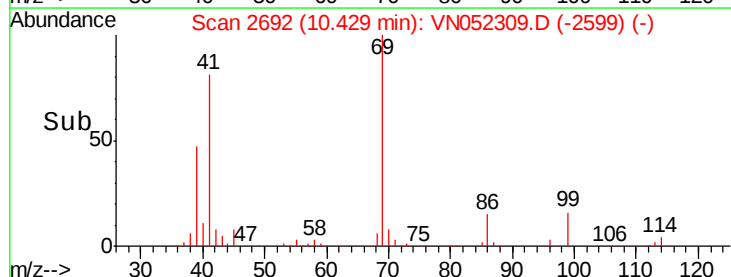
39 51.1 41.0 61.6

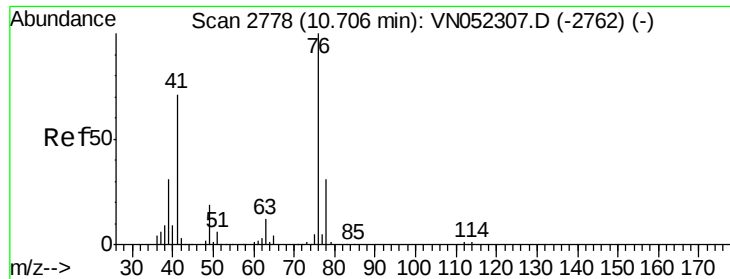


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 153.184 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

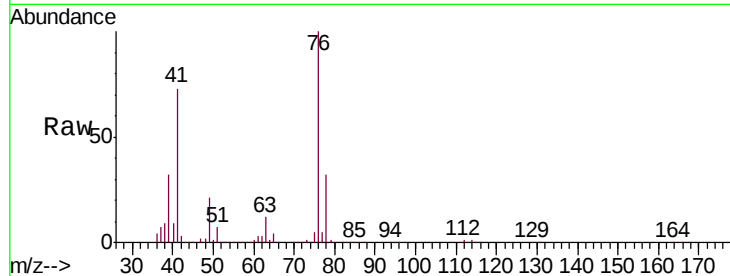
VSTDIC150

Tgt Ion: 76 Resp: 838741

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN052309.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN052309.D (-2685) (-)

10.71

500000

400000

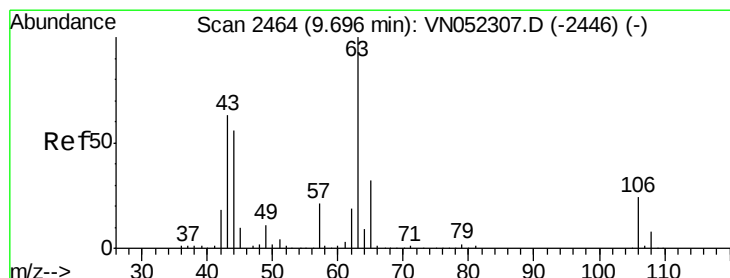
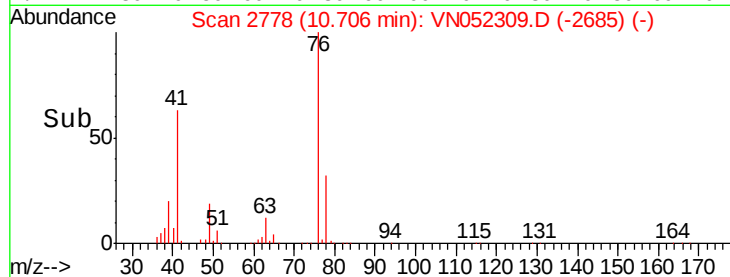
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 811.179 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052309.D

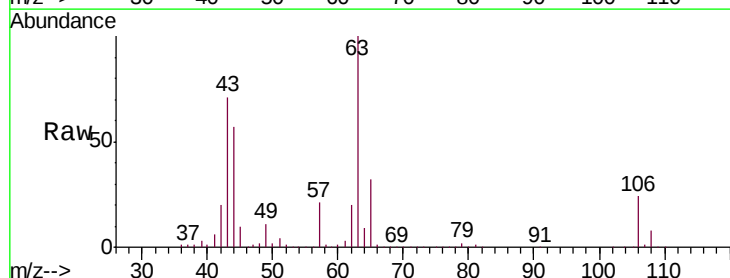
Acq: 14 Nov 2018 12:44

Tgt Ion: 63 Resp: 1877478

Ion Ratio Lower Upper

63 100

106 23.7 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN052309.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN052309.D (-2371) (-)

9.70

1200000

1000000

800000

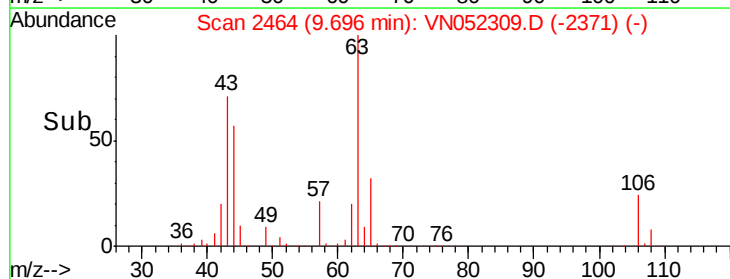
600000

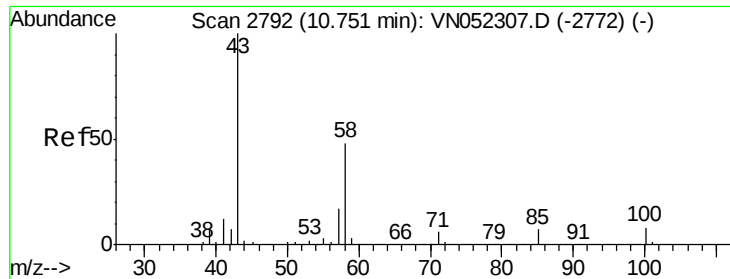
400000

200000

0

Time--> 9.60 9.70 9.80





#59

2-Hexanone

Concen: 803.413 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

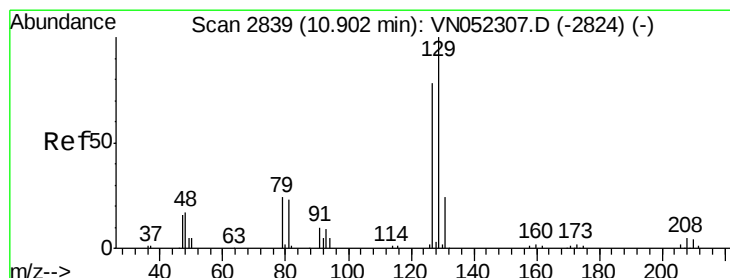
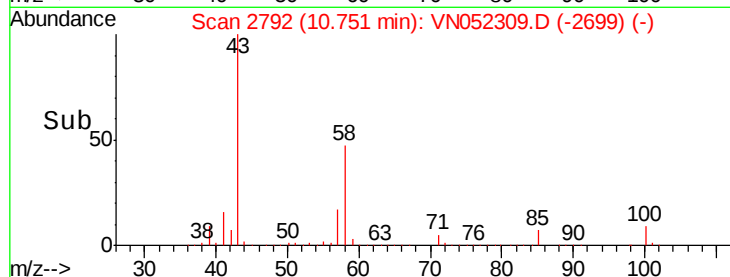
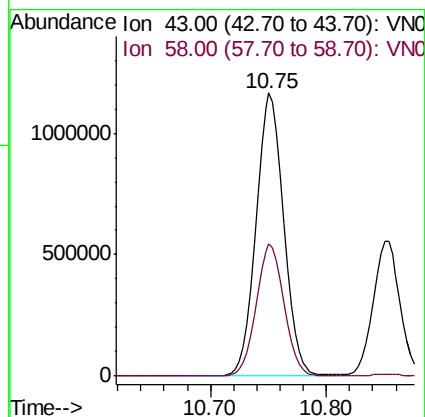
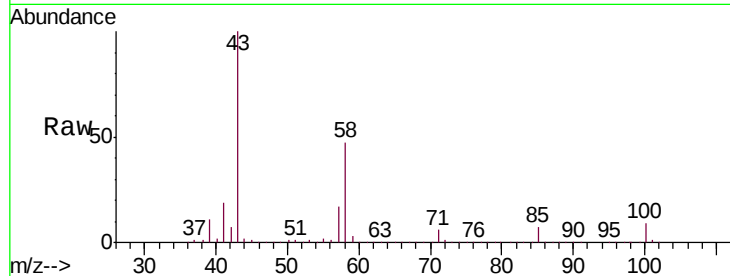
VSTDIC150

Tgt Ion: 43 Resp: 1943768

Ion Ratio Lower Upper

43 100

58 46.9 23.5 70.6



#60

Dibromochloromethane

Concen: 163.104 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052309.D

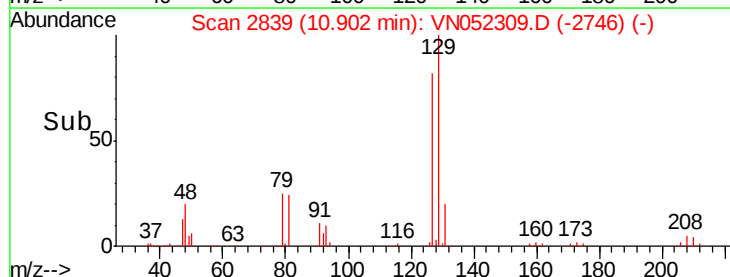
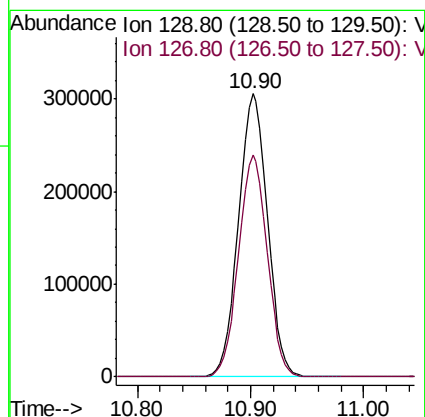
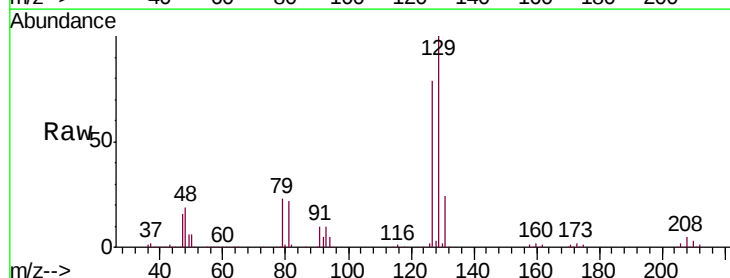
Acq: 14 Nov 2018 12:44

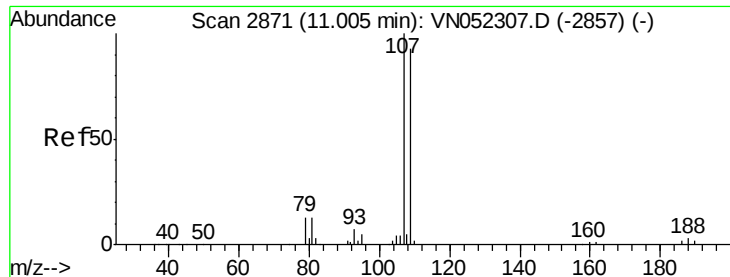
Tgt Ion: 129 Resp: 545504

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

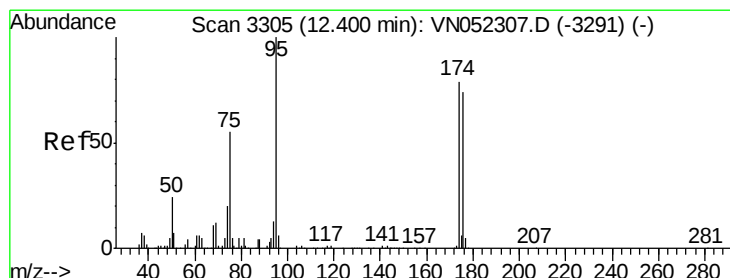
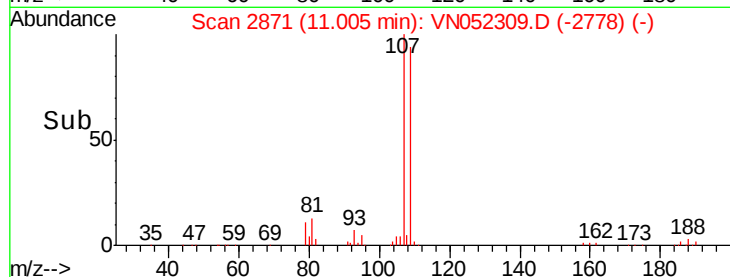
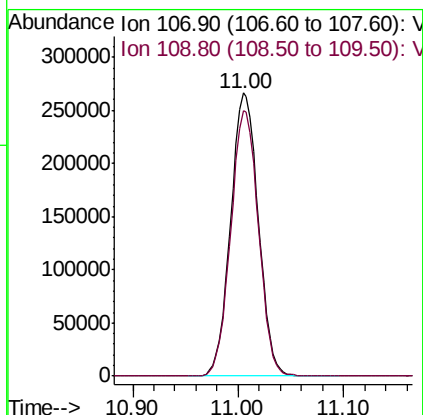
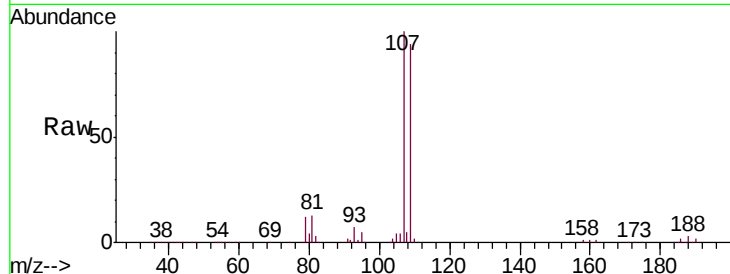




#61
 1,2-Dibromoethane
 Concen: 157.037 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

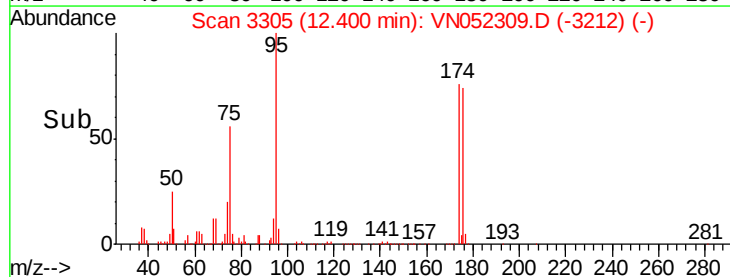
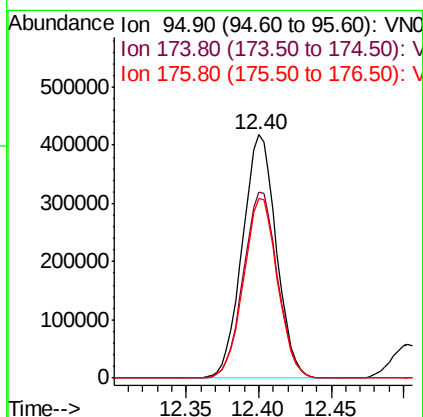
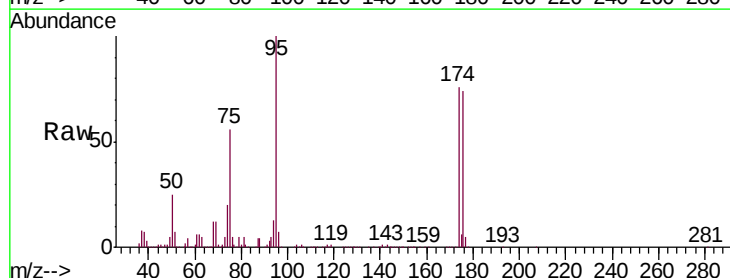
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

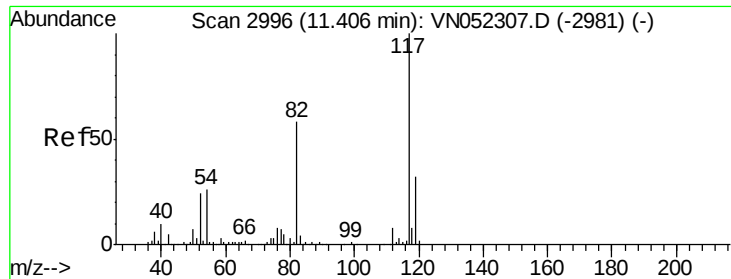
Tgt Ion: 107 Resp: 483546
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 157.037 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion: 95 Resp: 679645
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 156.0
 176 74.2 0.0 148.4

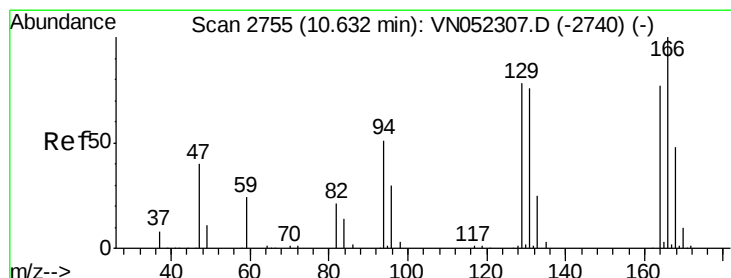
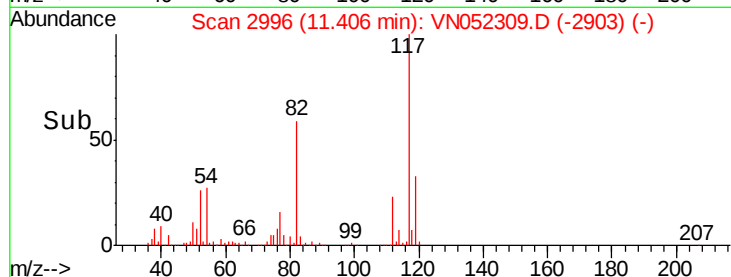
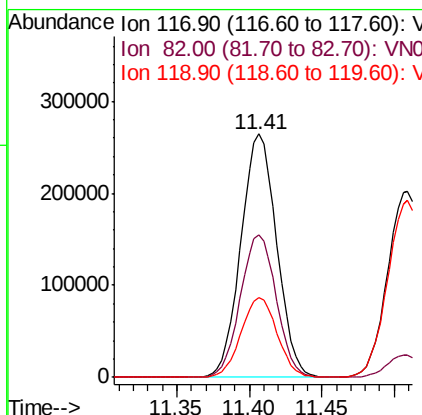
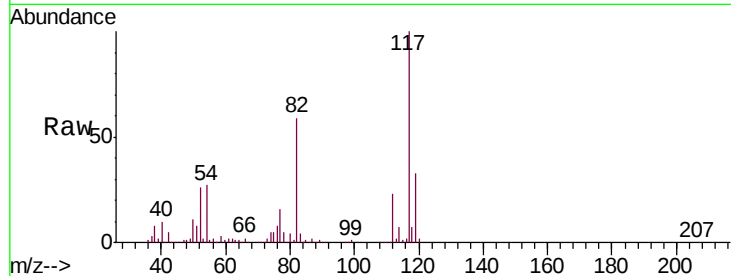




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

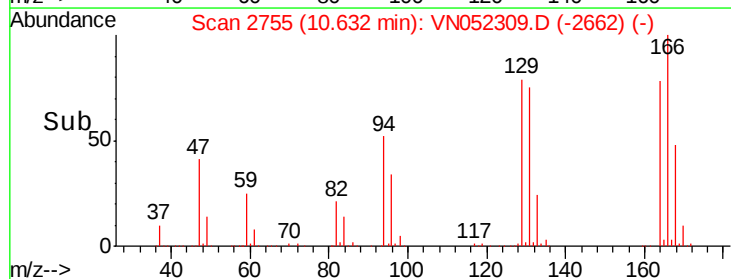
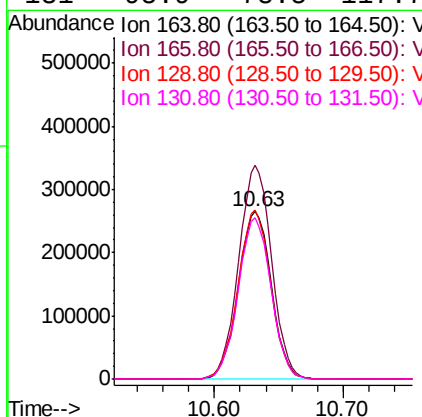
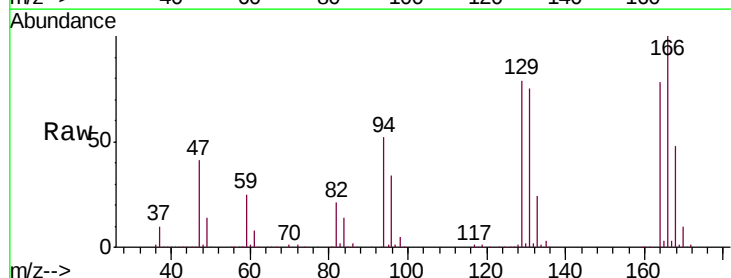
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

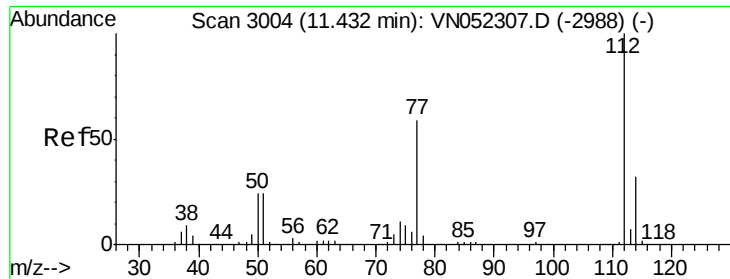
Tgt Ion:117 Resp: 454647
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 145.974 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion:164 Resp: 471824
Ion Ratio Lower Upper
164 100
166 127.4 103.8 155.6
129 101.0 80.7 121.1
131 95.9 78.5 117.7

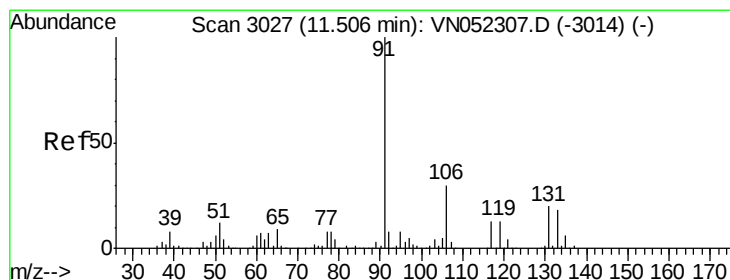
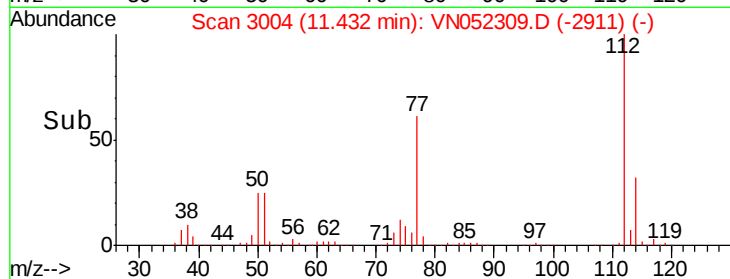
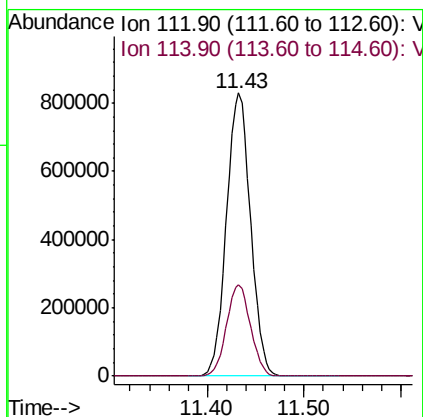
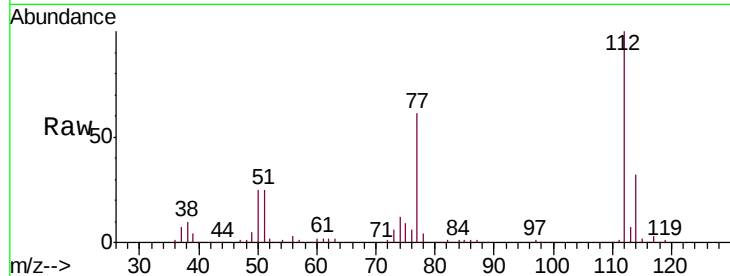




#65
Chlorobenzene
Concen: 149.016 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

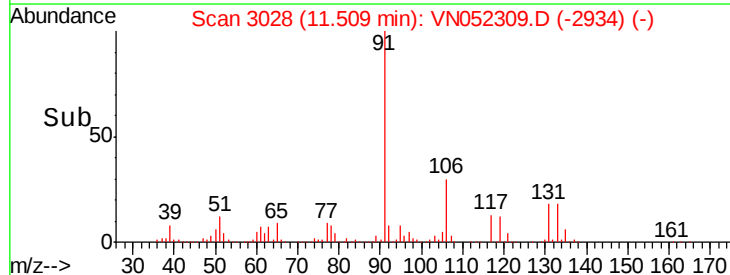
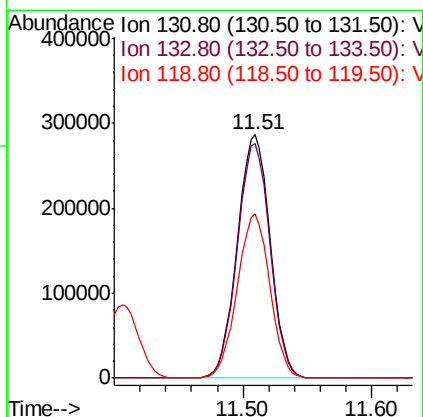
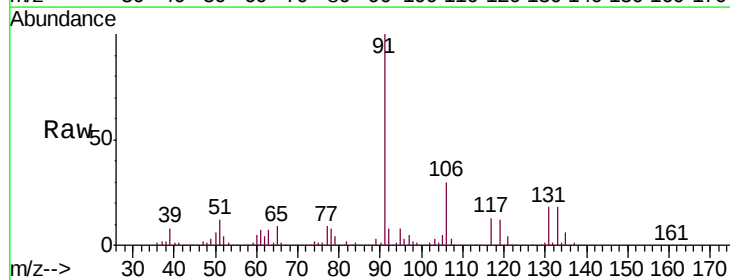
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

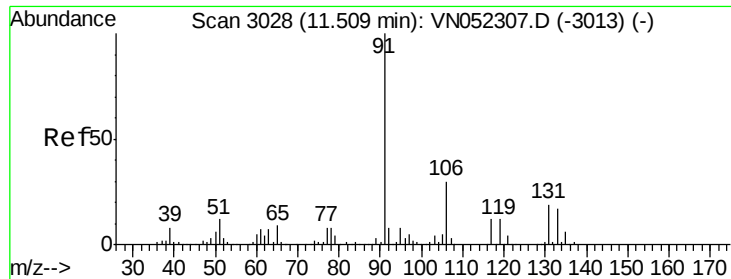
Tgt Ion:112 Resp: 1432060
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 155.096 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion:131 Resp: 508263
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 67.0 33.3 99.9

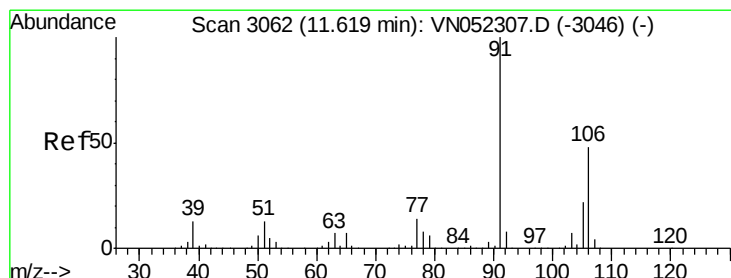
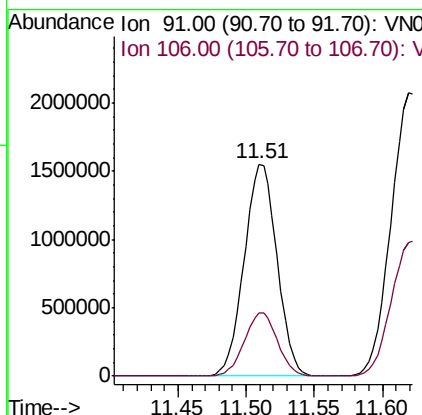
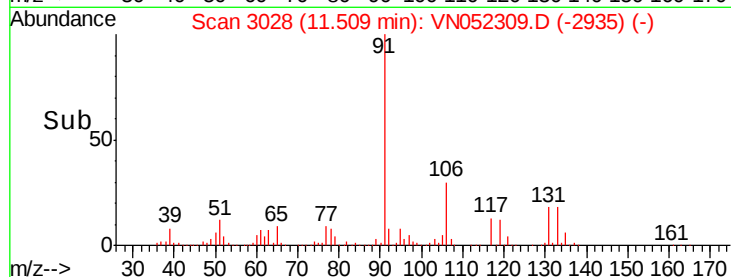
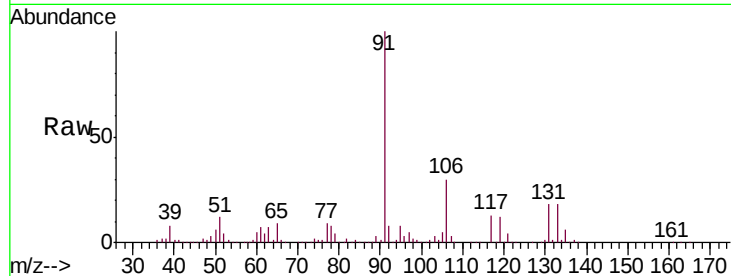




#67
Ethyl Benzene
Concen: 155.401 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

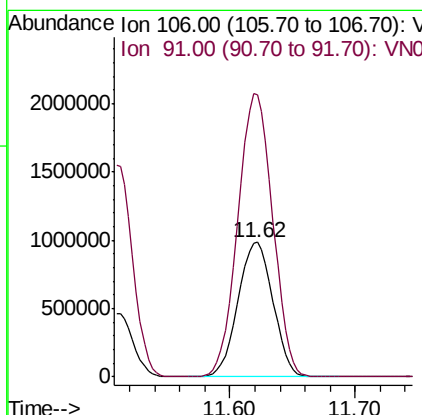
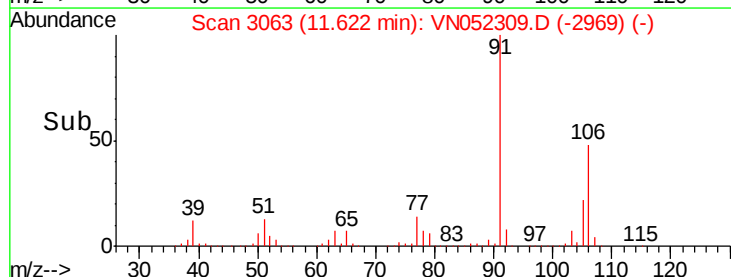
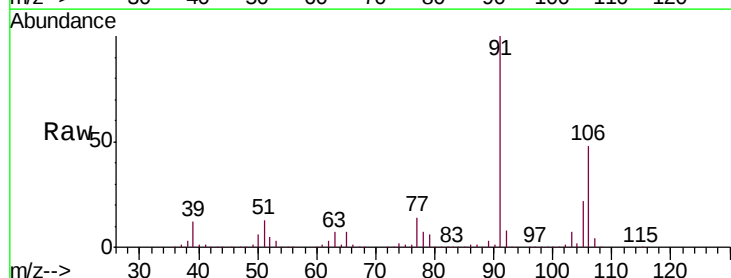
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

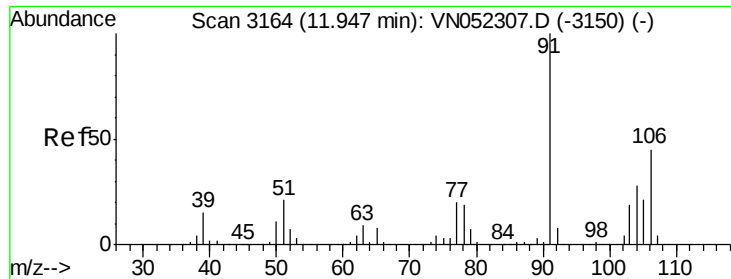
Tgt Ion: 91 Resp: 2592003
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 313.427 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 106 Resp: 1910111
Ion Ratio Lower Upper
106 100
91 209.9 165.5 248.3

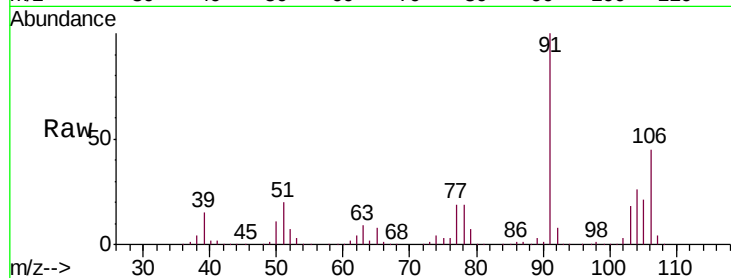




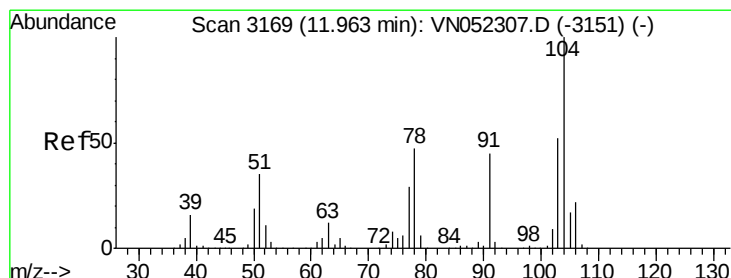
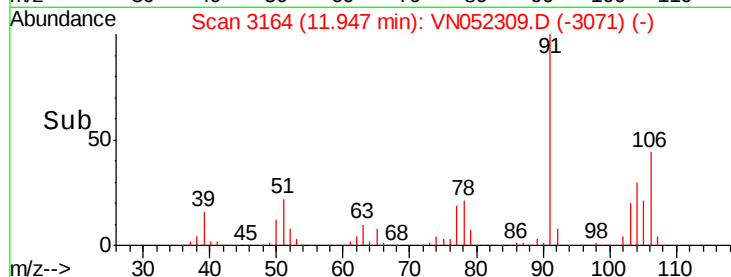
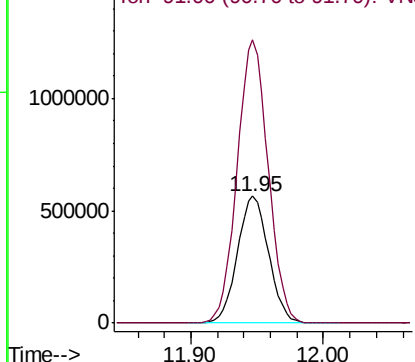
#69
o-Xylene
Concen: 157.748 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 921539
Ion Ratio Lower Upper
106 100
91 222.2 110.0 330.0

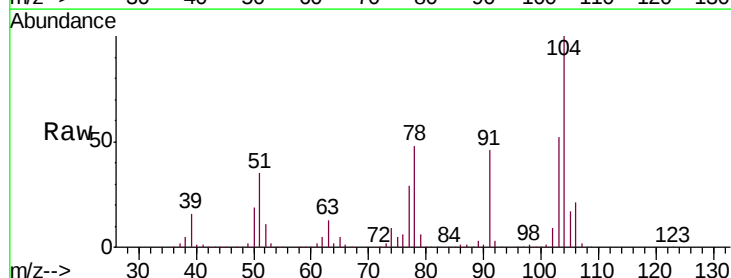


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

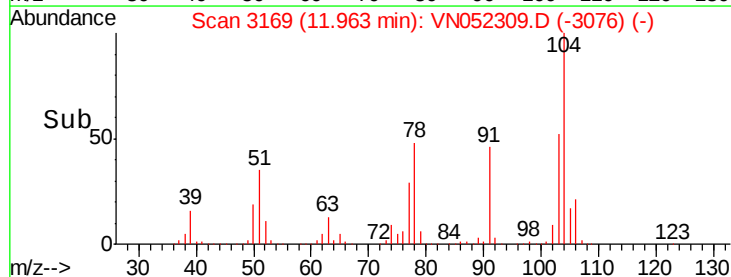
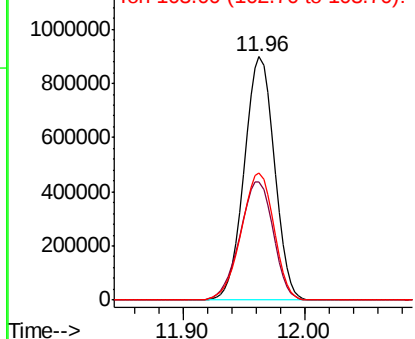


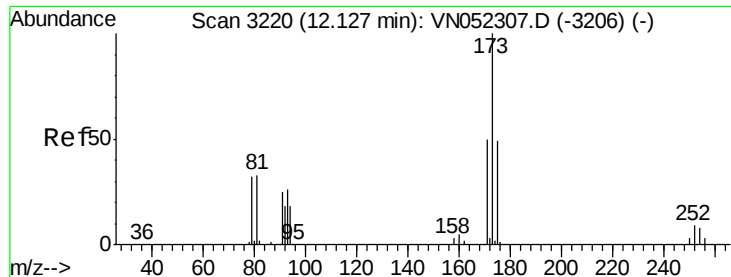
#70
Styrene
Concen: 163.007 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion:104 Resp: 1524762
Ion Ratio Lower Upper
104 100
78 54.3 42.7 64.1
103 56.8 45.4 68.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 173.794 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

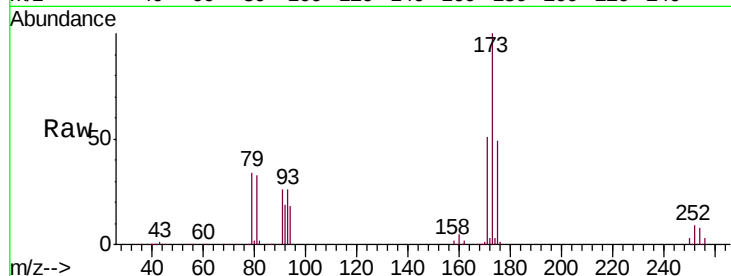
Tgt Ion:173 Resp: 336273

Ion Ratio Lower Upper

173 100

175 47.7 25.0 75.0

254 0.1 0.0 0.0#

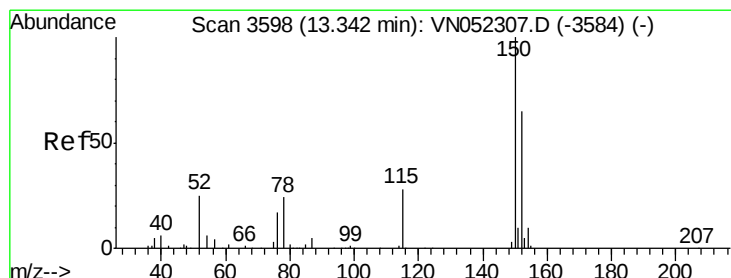
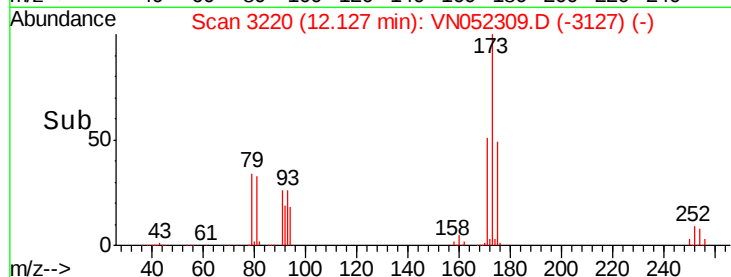
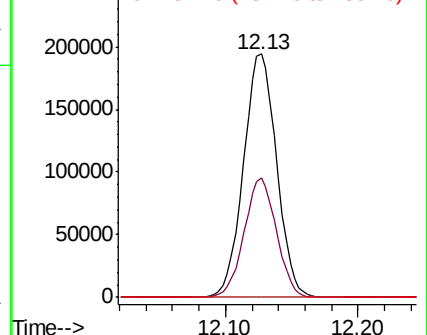


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

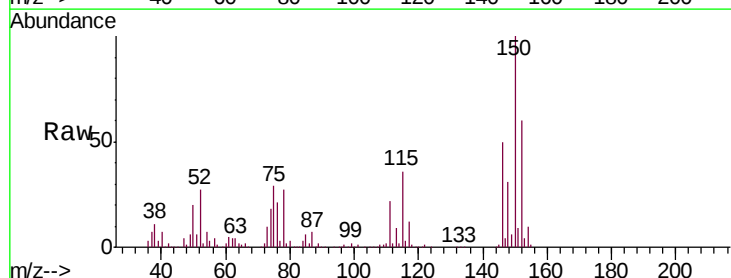
Tgt Ion:152 Resp: 213244

Ion Ratio Lower Upper

152 100

115 59.9 30.3 91.0

150 206.8 0.0 348.2

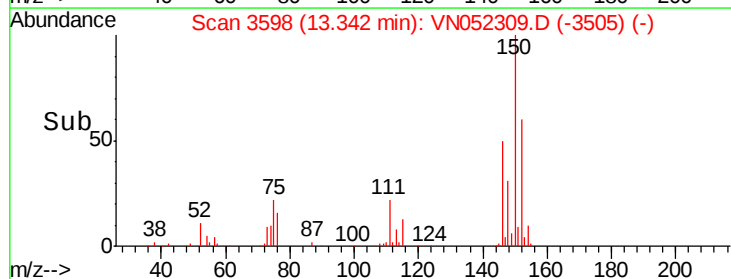
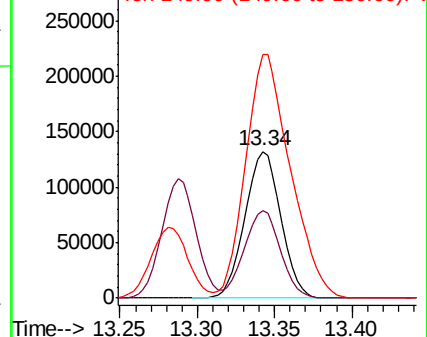


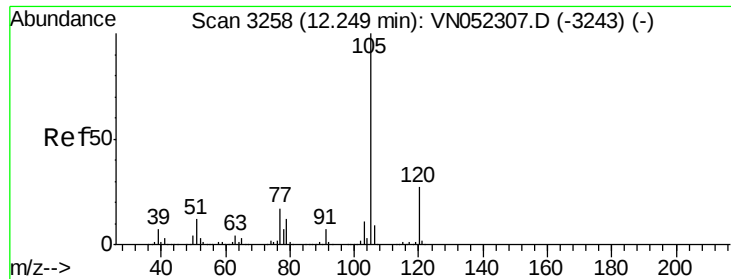
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.057 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

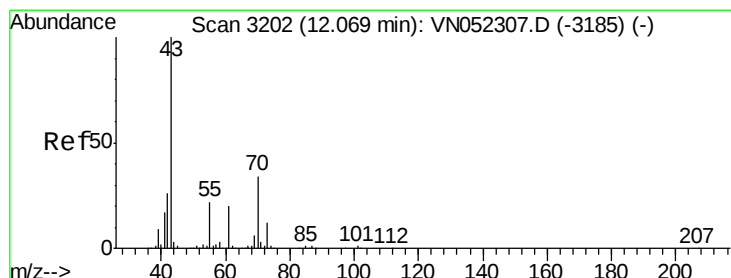
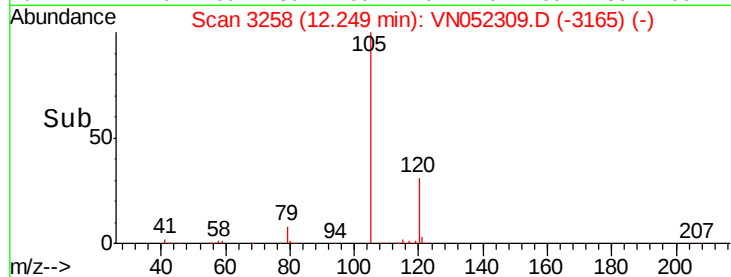
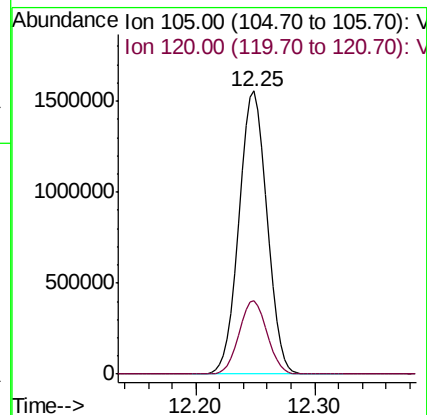
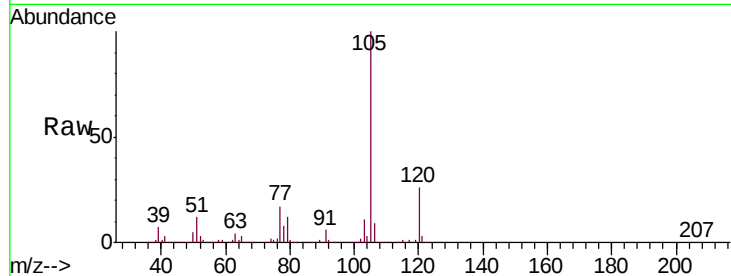
VSTDIC150

Tgt Ion:105 Resp: 2538410

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 160.170 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Tgt Ion: 43 Resp: 978093

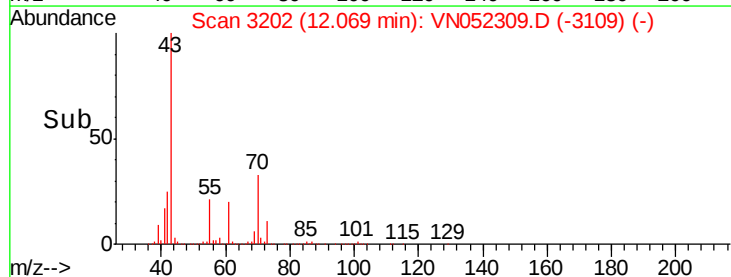
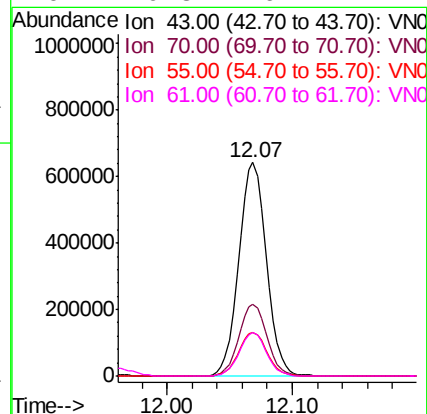
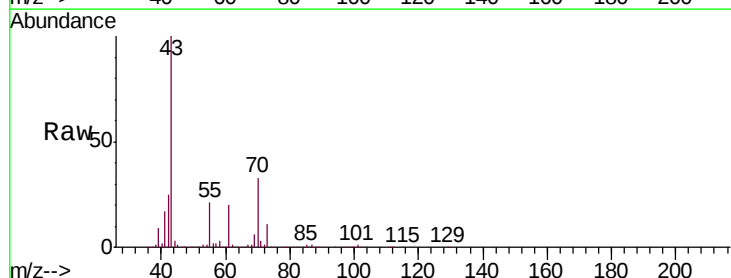
Ion Ratio Lower Upper

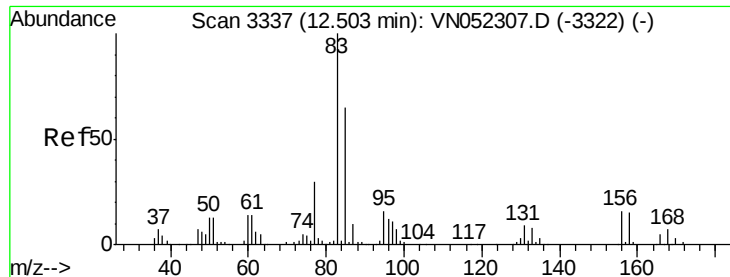
43 100

70 34.1 27.1 40.7

55 21.2 17.4 26.0

61 20.3 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 139.700 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

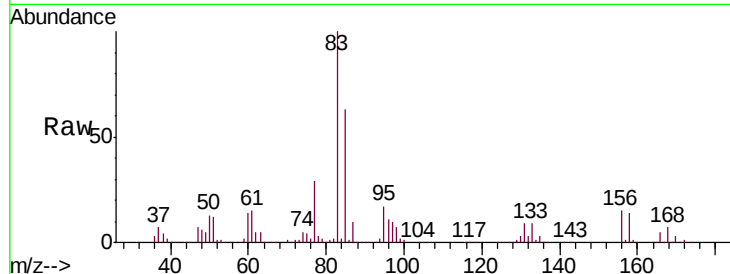
Tgt Ion: 83 Resp: 578988

Ion Ratio Lower Upper

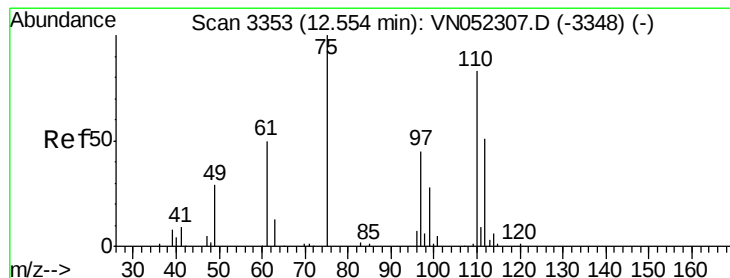
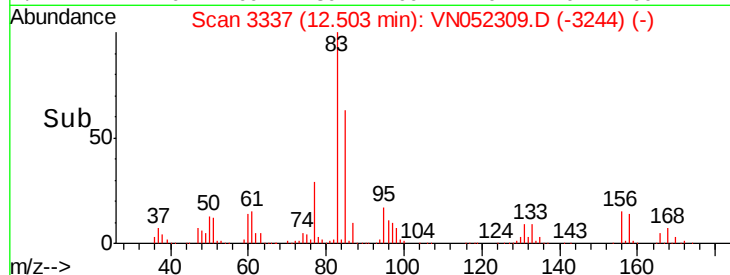
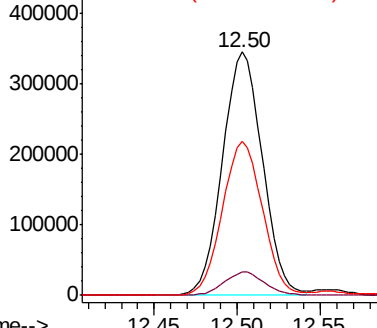
83 100

131 9.8 4.7 14.1

85 63.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 239.544 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052309.D

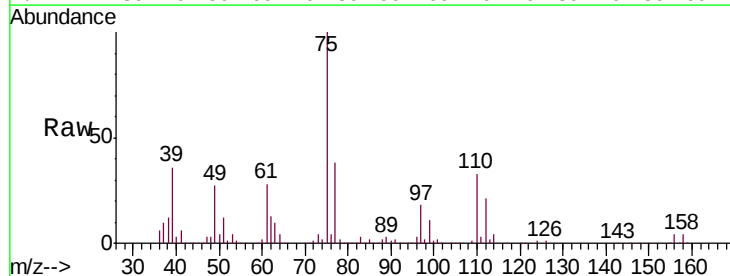
Acq: 14 Nov 2018 12:44

Tgt Ion: 75 Resp: 803115

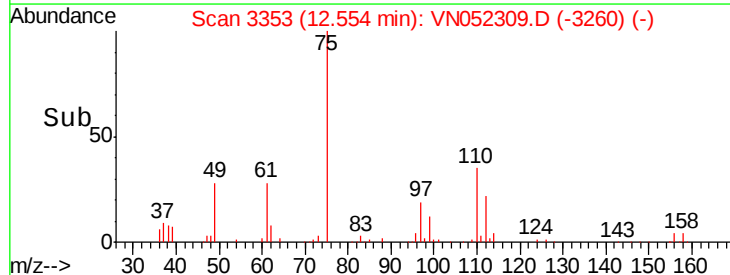
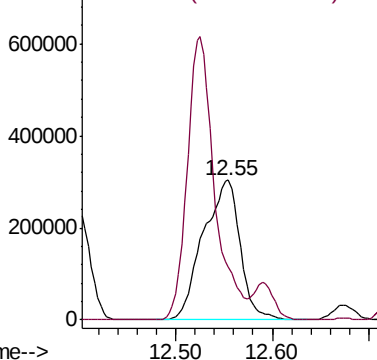
Ion Ratio Lower Upper

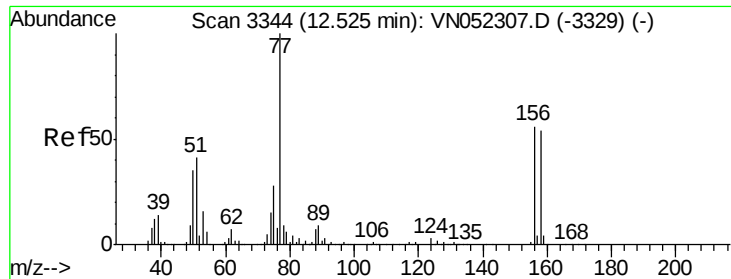
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 143.322 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

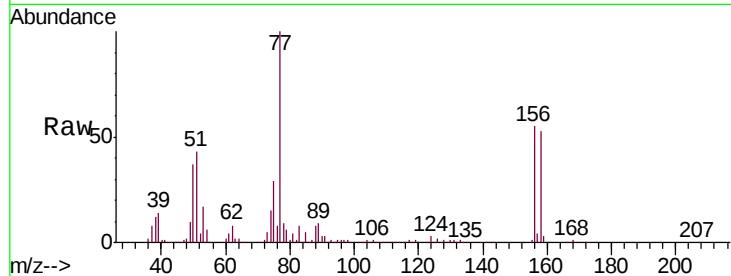
Tgt Ion:156 Resp: 571735

Ion Ratio Lower Upper

156 100

77 211.6 103.6 310.9

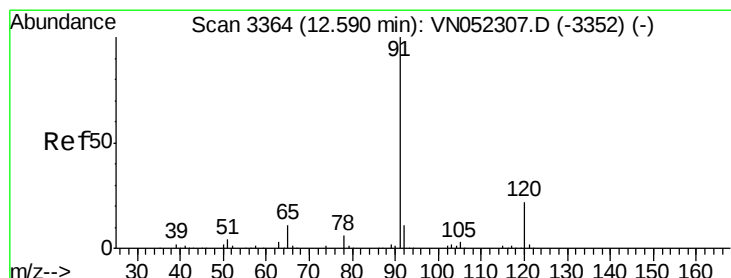
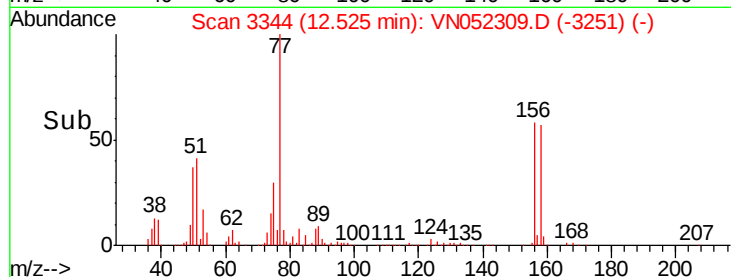
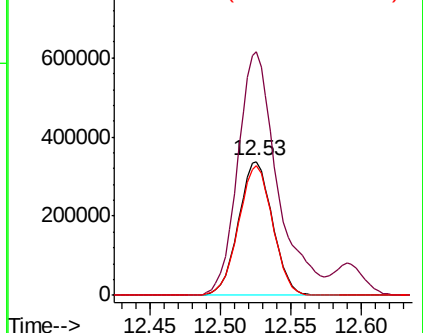
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 150.737 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052309.D

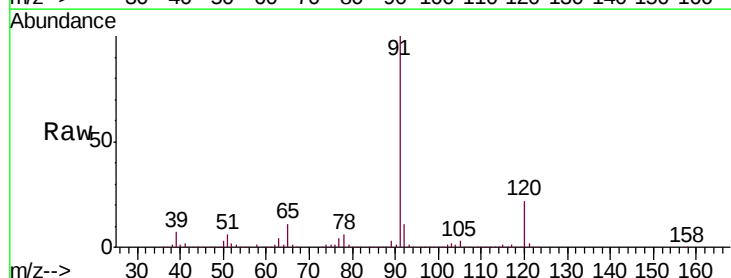
Acq: 14 Nov 2018 12:44

Tgt Ion: 91 Resp: 3022429

Ion Ratio Lower Upper

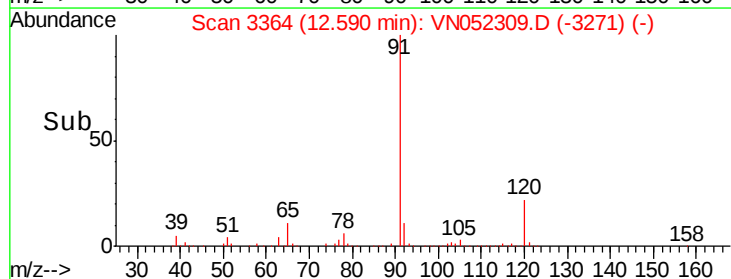
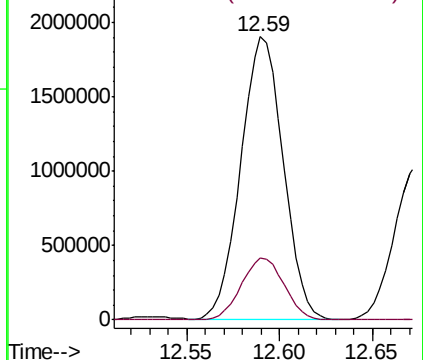
91 100

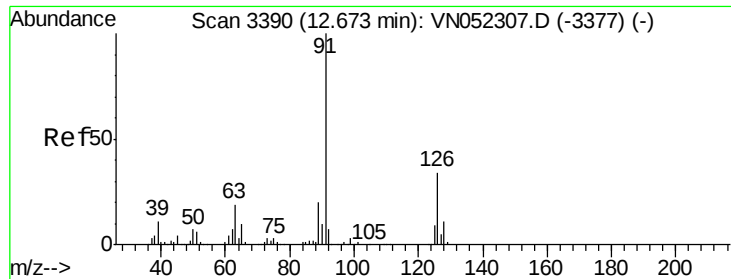
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.351 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

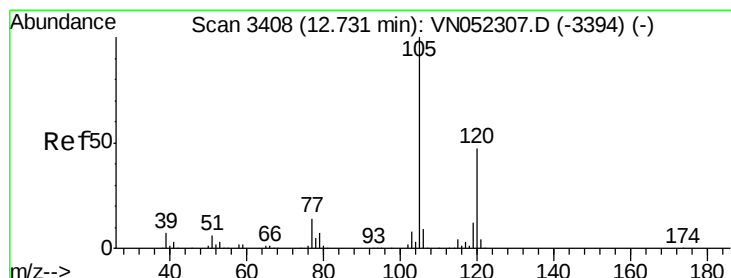
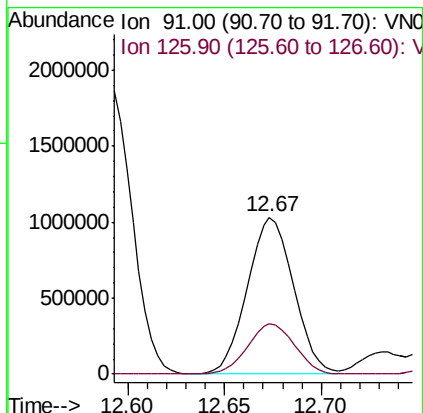
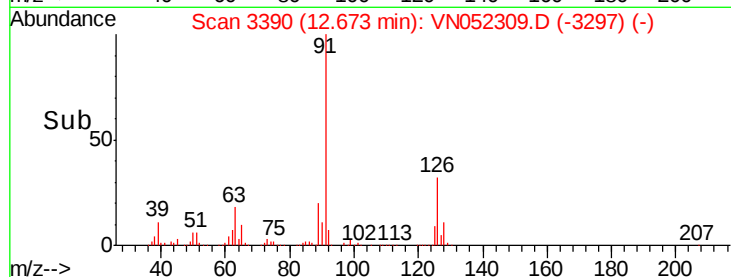
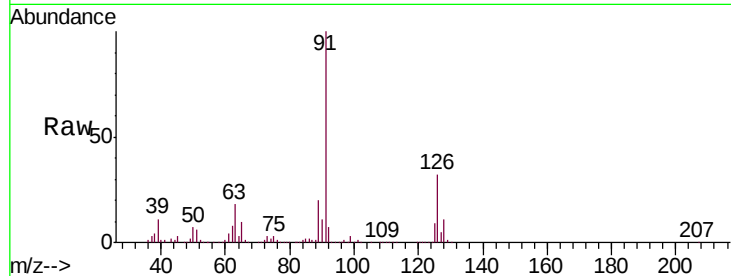
VSTDIC150

Tgt Ion: 91 Resp: 1714283

Ion Ratio Lower Upper

91 100

126 32.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 151.348 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052309.D

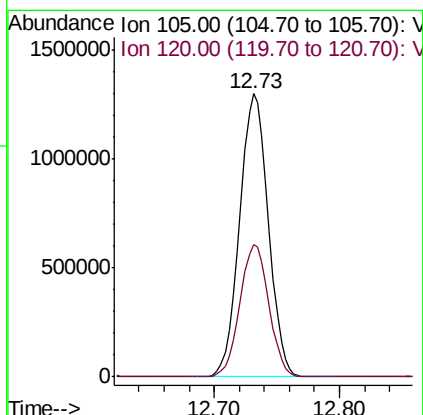
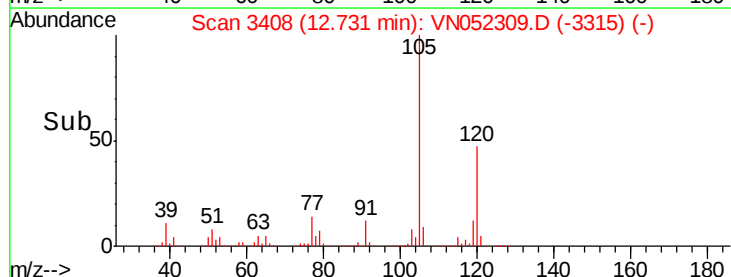
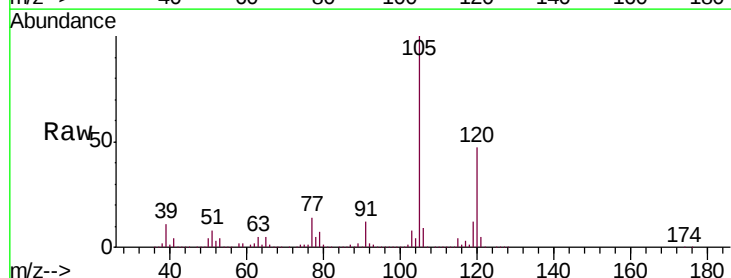
Acq: 14 Nov 2018 12:44

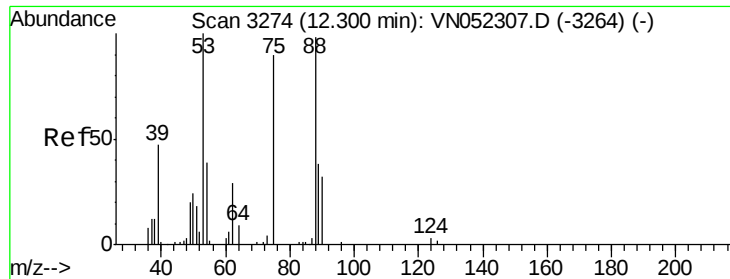
Tgt Ion: 105 Resp: 2063506

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1

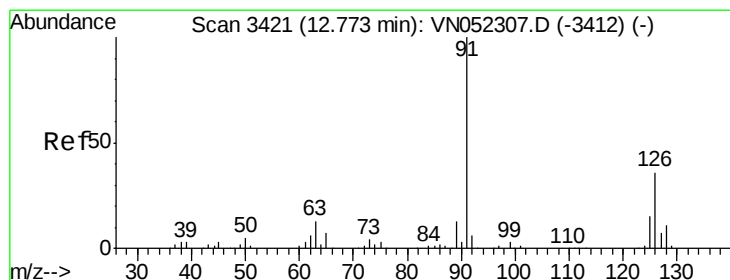
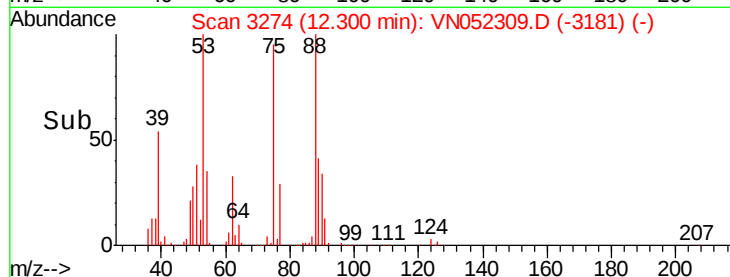
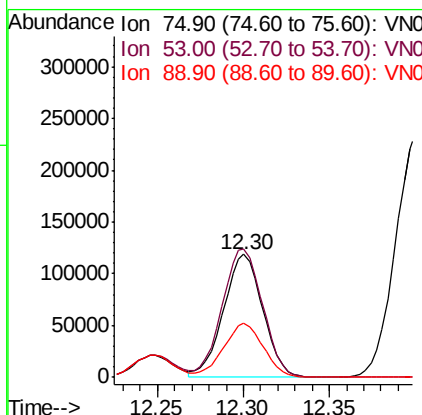
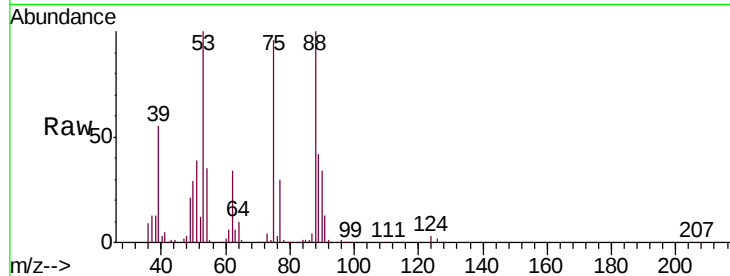




#81
trans-1,4-Dichloro-2-butene
Concen: 170.991 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

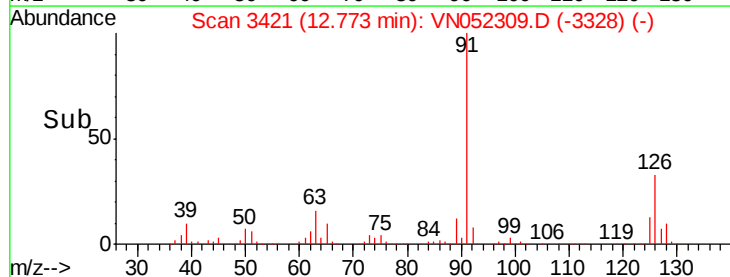
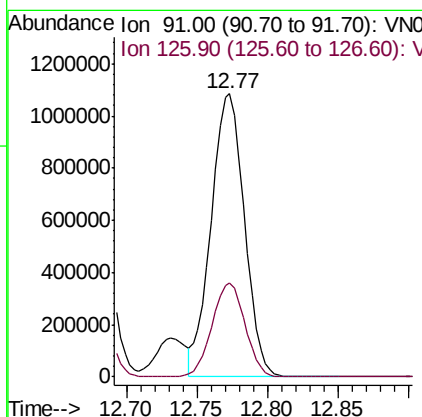
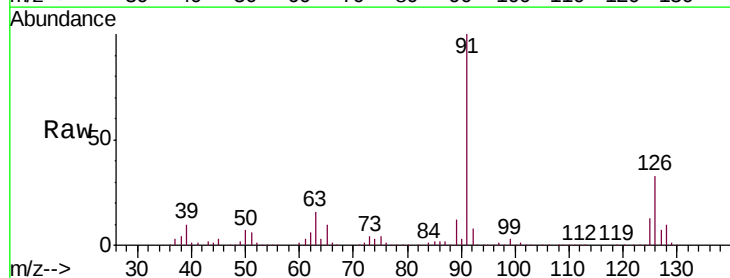
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

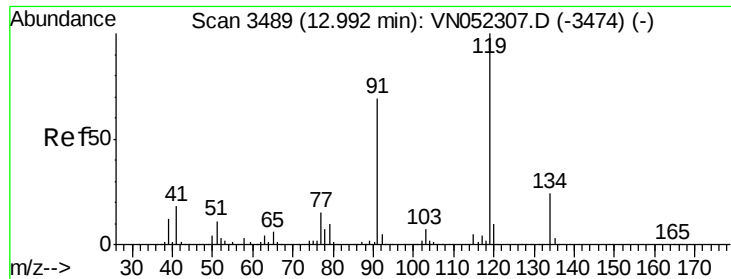
Tgt Ion: 75 Resp: 190759
Ion Ratio Lower Upper
75 100
53 107.4 90.2 135.2
89 44.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 147.774 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion: 91 Resp: 1773409
Ion Ratio Lower Upper
91 100
126 32.8 17.0 50.9

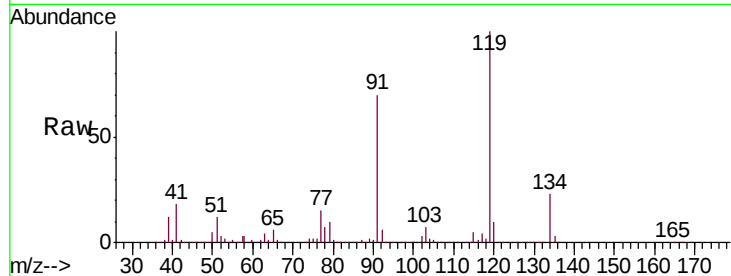




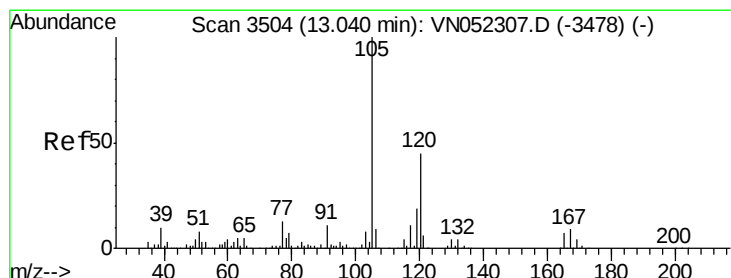
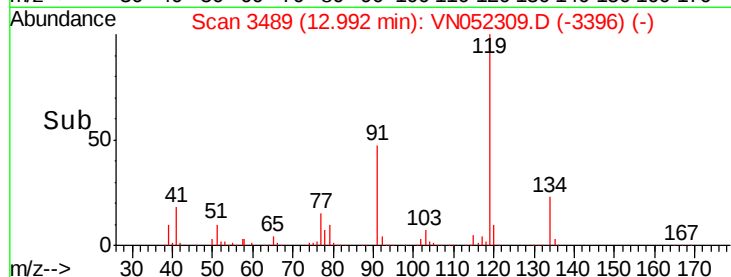
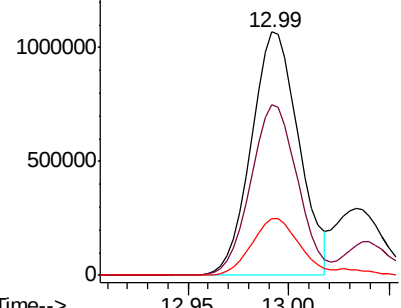
#83
 tert-Butylbenzene
 Concen: 145.641 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1753075
 Ion Ratio Lower Upper
 119 100
 91 69.3 33.8 101.3
 134 25.3 11.9 35.9

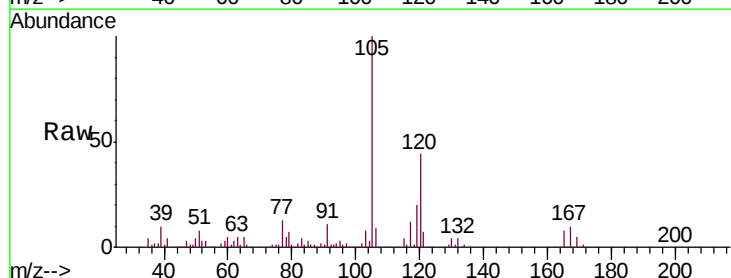


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

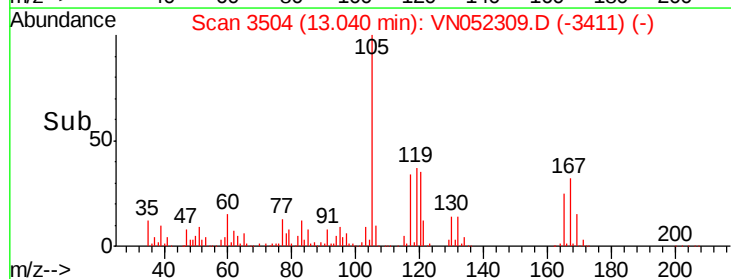
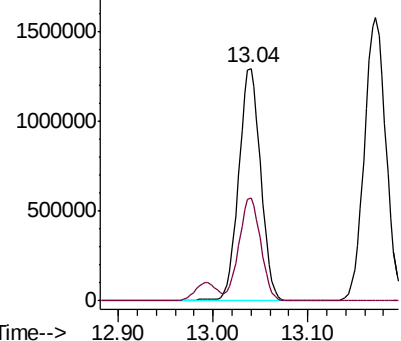


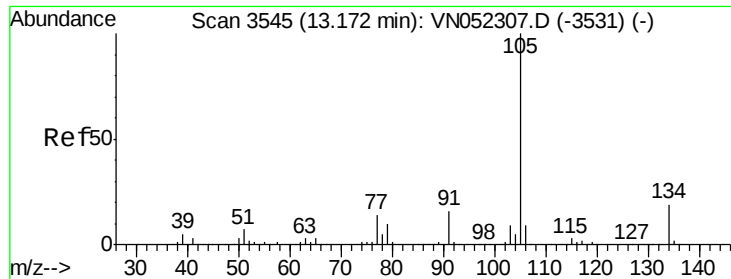
#84
 1,2,4-Trimethylbenzene
 Concen: 152.887 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion:105 Resp: 2092578
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.5 67.5



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

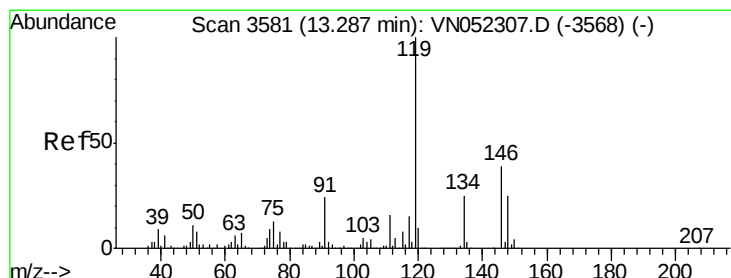
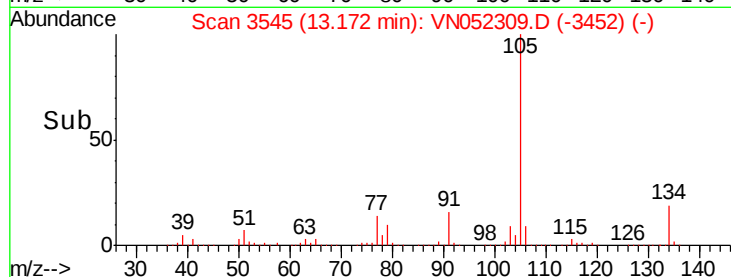
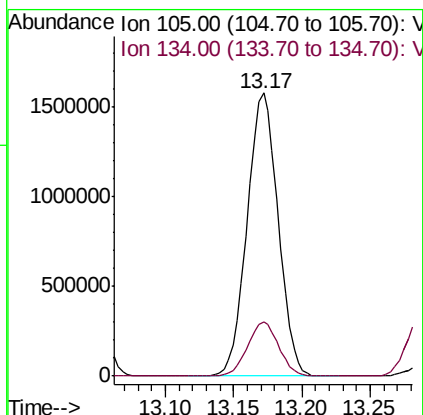
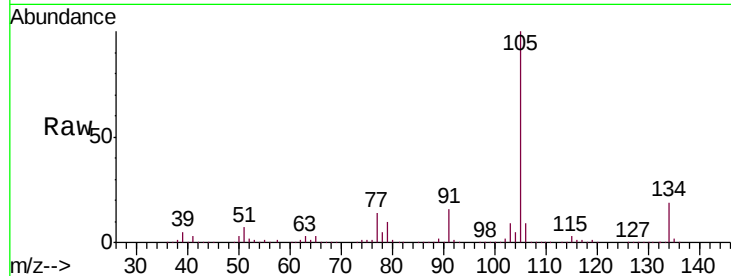




#85
 sec-Butylbenzene
 Concen: 151.694 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

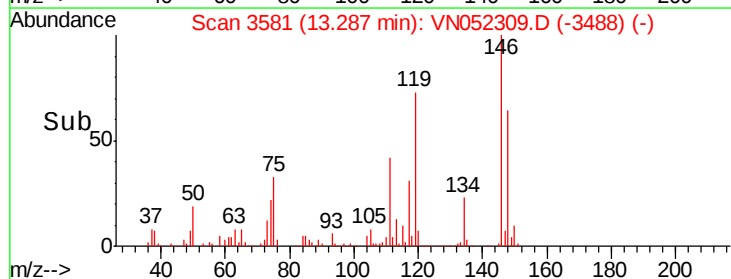
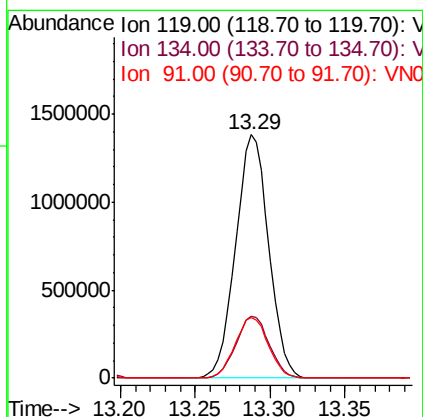
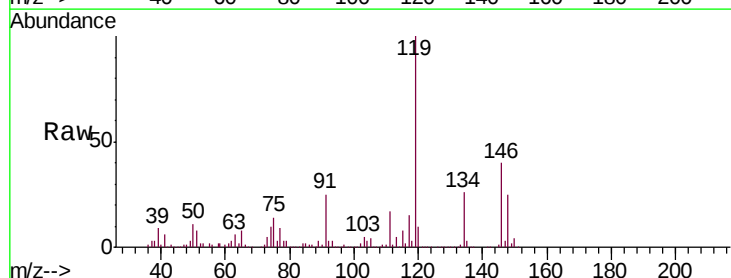
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

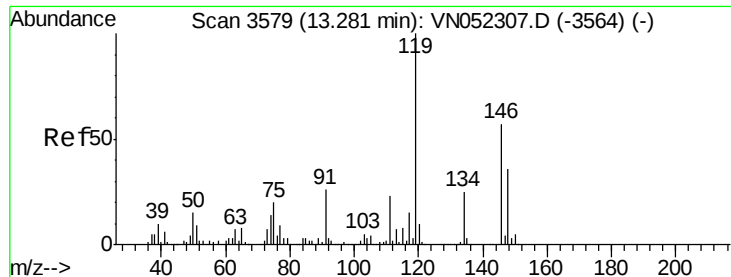
Tgt Ion:105 Resp: 2487296
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 152.475 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion:119 Resp: 2117805
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 147.773 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

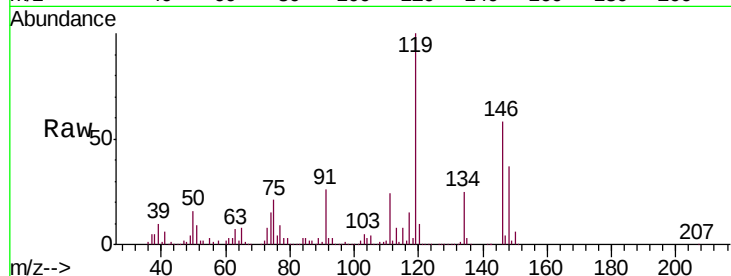
Tgt Ion:146 Resp: 1046943

Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

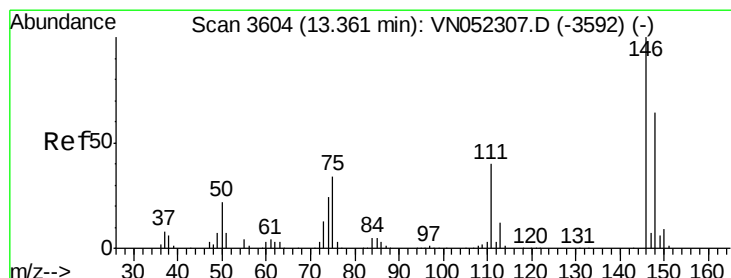
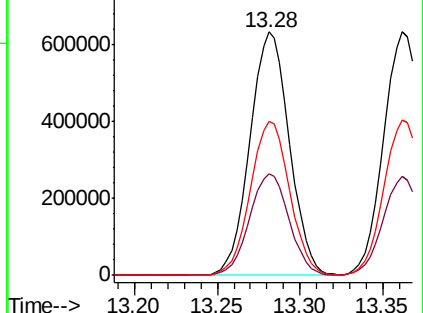
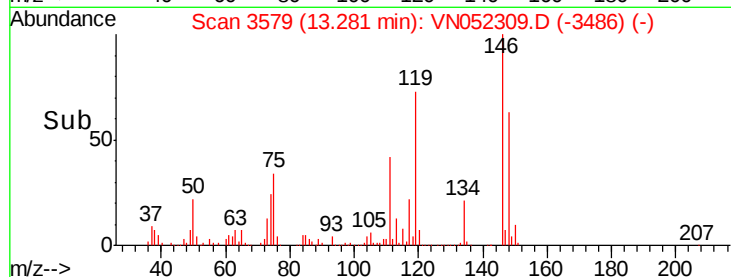
148 63.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 148.123 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

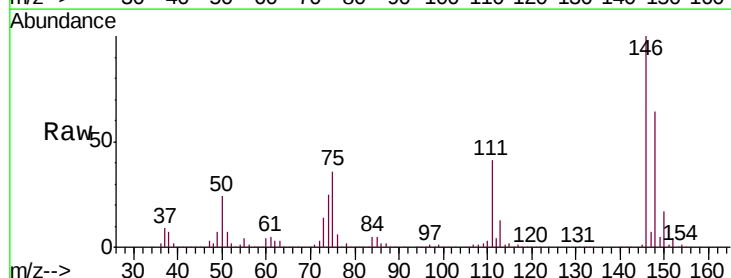
Tgt Ion:146 Resp: 1043325

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

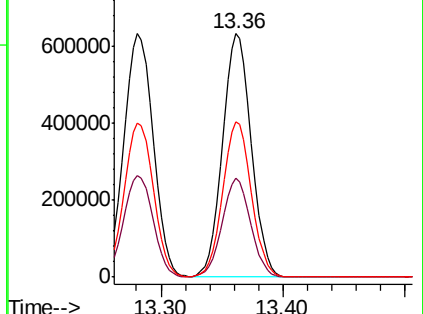
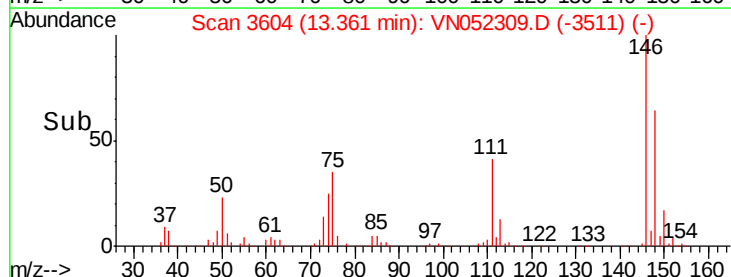
148 63.4 32.4 97.2

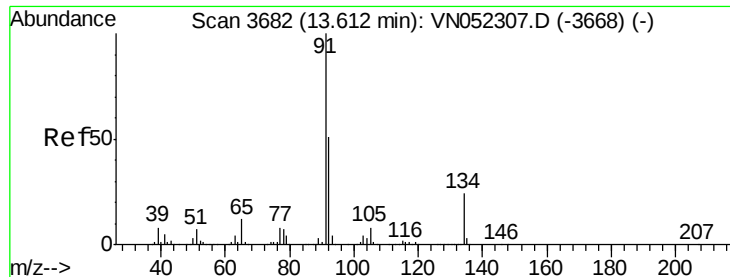


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 166.542 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

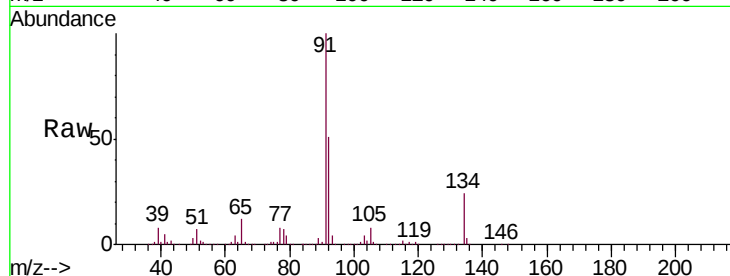
Tgt Ion: 91 Resp: 1986729

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.2

134 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052309.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052309.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052309.D (-3668) (-)

13.61

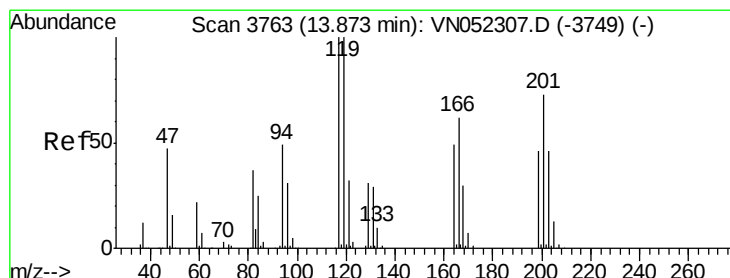
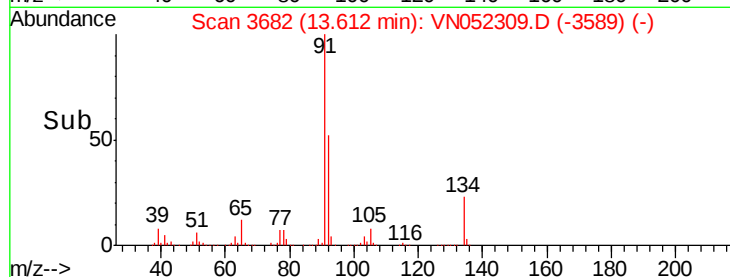
1500000

1000000

500000

0

Time-->



#90

Hexachloroethane

Concen: 158.265 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052309.D

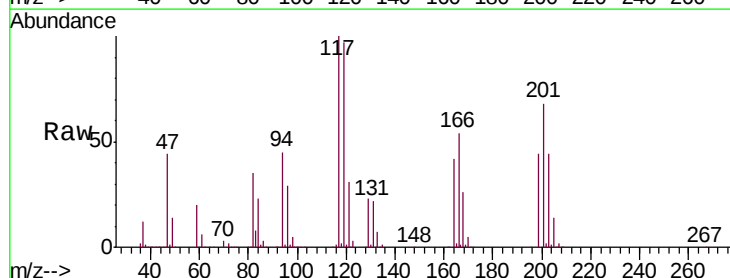
Acq: 14 Nov 2018 12:44

Tgt Ion: 117 Resp: 389348

Ion Ratio Lower Upper

117 100

201 69.3 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052309.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052309.D (-3749) (-)

13.87

250000

200000

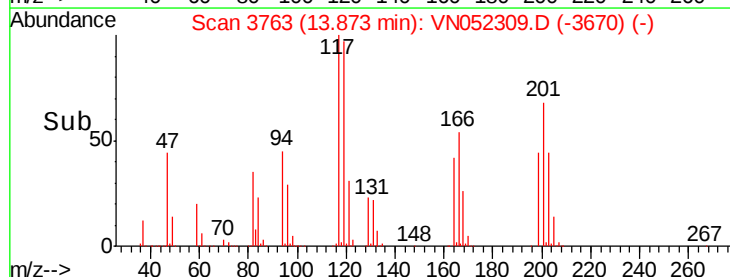
150000

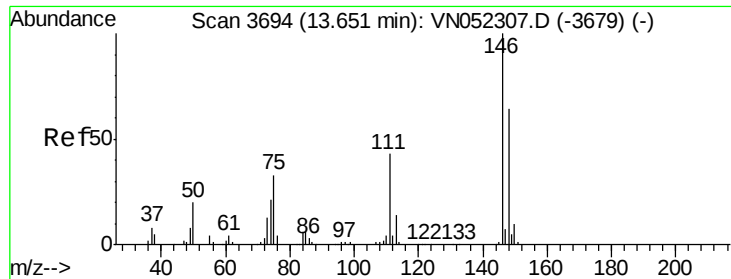
100000

50000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 144.339 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

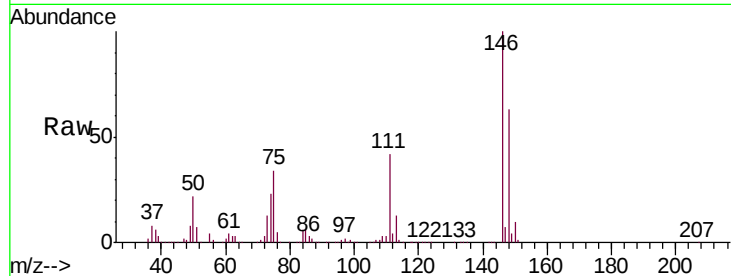
Tgt Ion:146 Resp: 990740

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

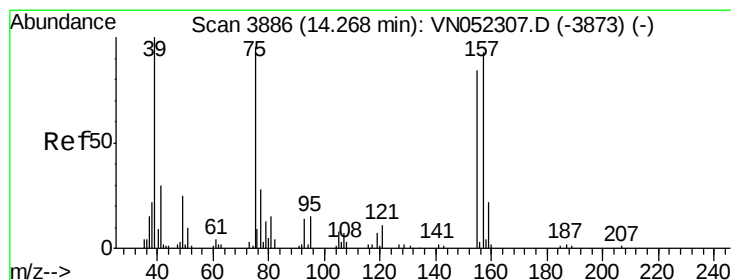
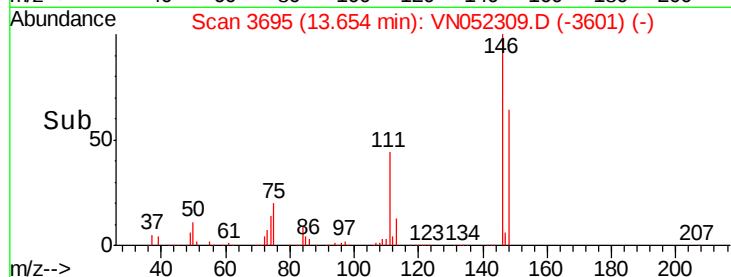
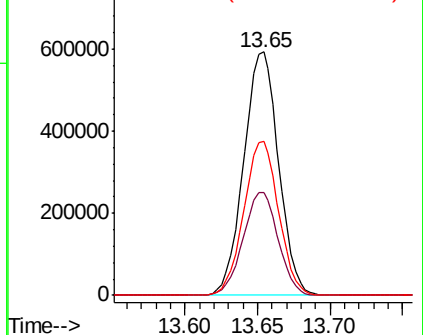
148 63.2 31.6 94.8



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: 157.989 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN052309.D

Acq: 14 Nov 2018 12:44

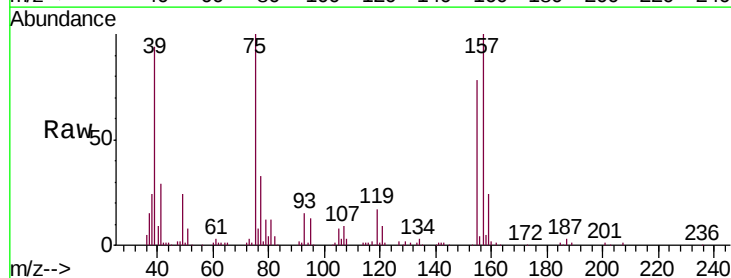
Tgt Ion: 75 Resp: 96555

Ion Ratio Lower Upper

75 100

155 77.6 42.4 127.3

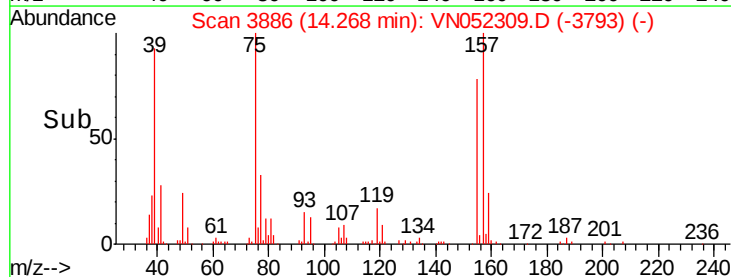
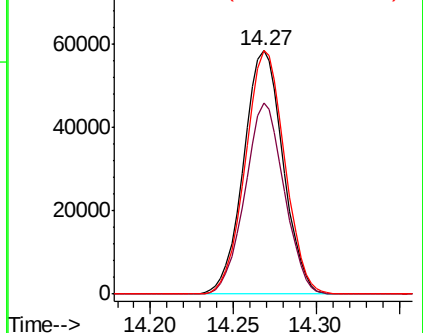
157 99.5 49.6 149.0

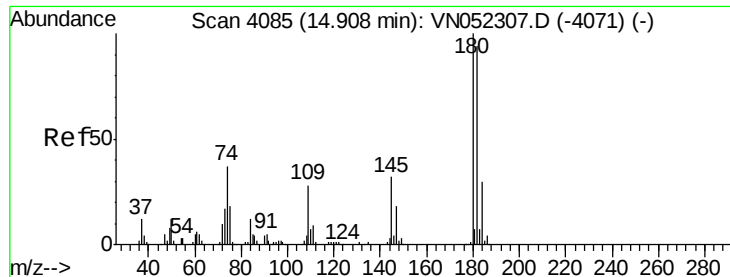


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

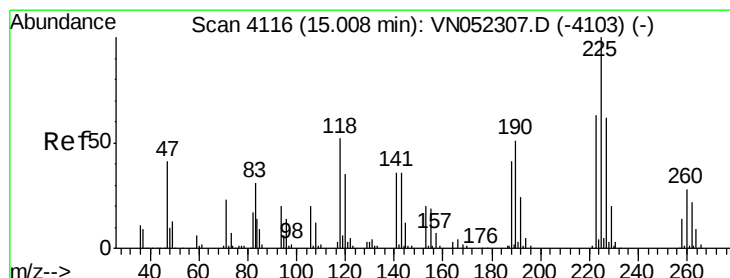
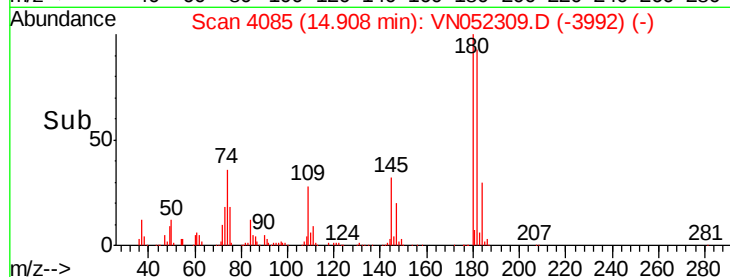
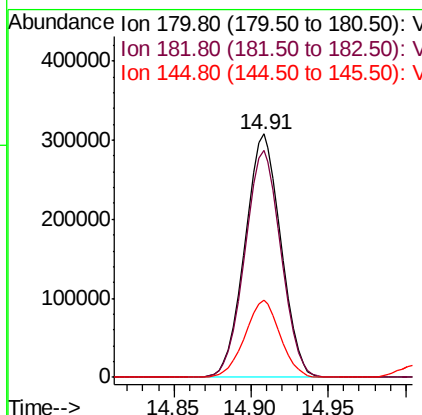
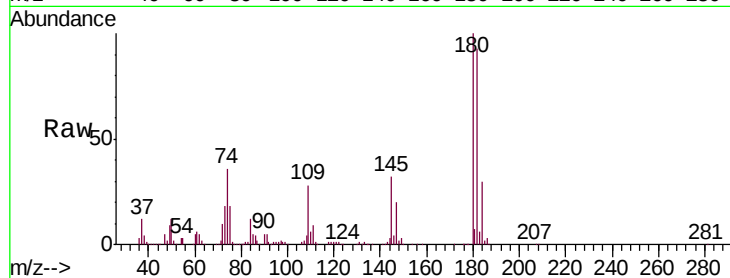




#93
 1,2,4-Trichlorobenzene
 Concen: 176.293 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

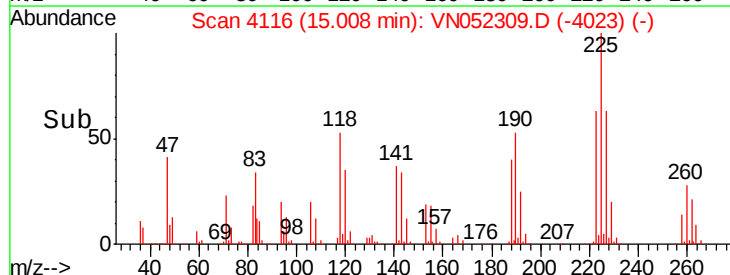
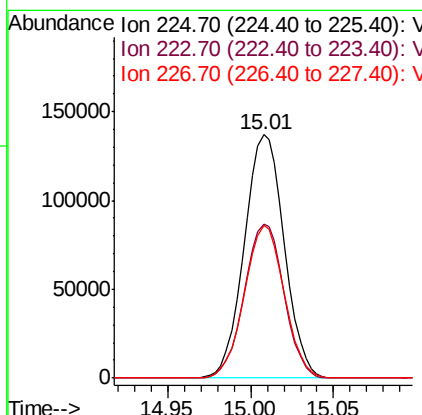
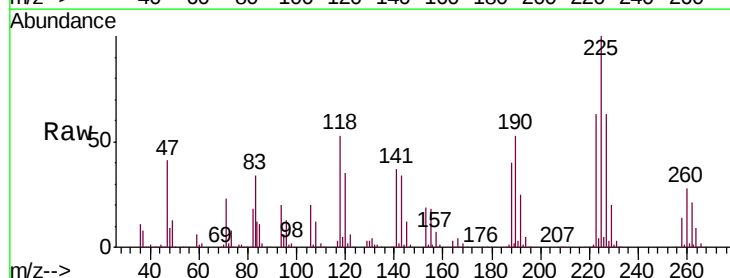
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

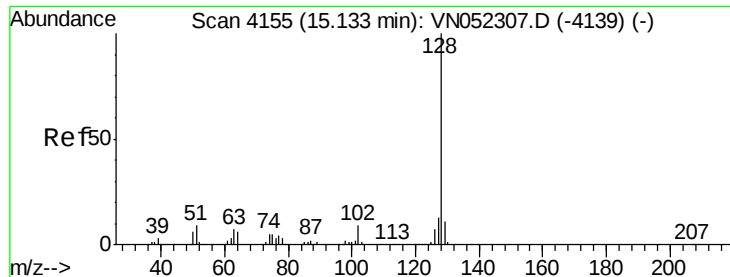
Tgt Ion:180 Resp: 497929
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.9
 145 31.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 146.148 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052309.D
 Acq: 14 Nov 2018 12:44

Tgt Ion:225 Resp: 229607
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.5
 227 62.6 31.6 95.0

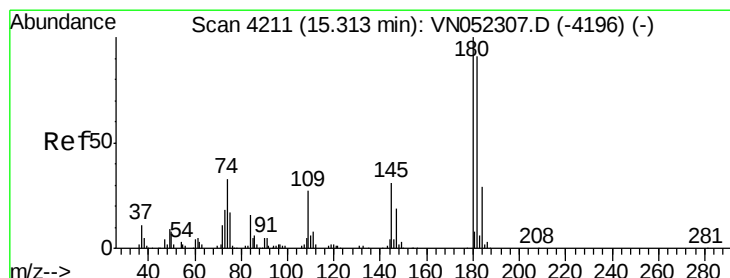
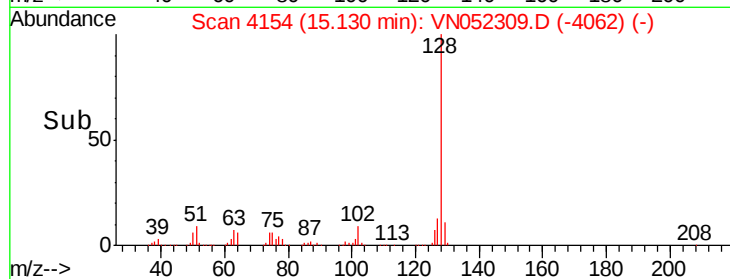
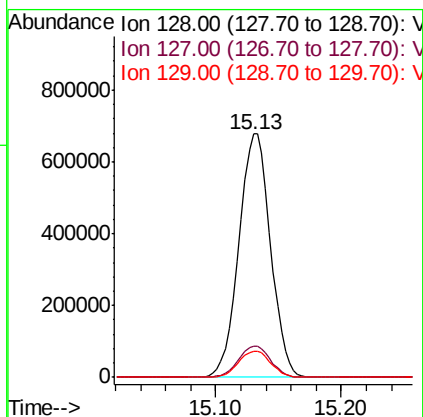
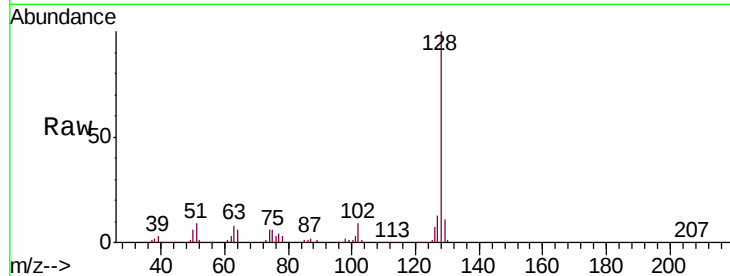




#95
Naphthalene
Concen: 185.686 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1185075
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 172.777 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052309.D
Acq: 14 Nov 2018 12:44

Tgt Ion:180 Resp: 450635
Ion Ratio Lower Upper
180 100
182 94.6 46.5 139.3
145 33.1 16.4 49.2

