

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008189.D
 Acq On : 19 Mar 2019 14:16
 Operator : JC/SP
 Sample : VX0319WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

Quant Time: Mar 20 07:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	212810	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	5.50	113	155781	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.71	98	623789	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	223359	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76508	20.050	ug/l	99
3) Chloromethane	1.33	50	90921	18.989	ug/l	98
4) Vinyl Chloride	1.41	62	91079	19.078	ug/l	98
5) Bromomethane	1.64	94	62953	15.481	ug/l	99
6) Chloroethane	1.73	64	55657	18.594	ug/l	99
7) Trichlorofluoromethane	1.93	101	112212	18.418	ug/l	100
8) Diethyl Ether	2.19	74	63365	20.215	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80227	19.833	ug/l	91
10) Methyl Iodide	2.51	142	95418	18.526	ug/l	96
11) Tert butyl alcohol	3.04	59	100805	99.339	ug/l	97
12) 1,1-Dichloroethene	2.38	96	75706	19.824	ug/l	90
13) Acrolein	2.29	56	70155	91.564	ug/l	98
14) Allyl chloride	2.73	41	164478	19.785	ug/l	93
15) Acrylonitrile	3.14	53	265009	98.735	ug/l	99
16) Acetone	2.45	43	261402	97.231	ug/l	97
17) Carbon Disulfide	2.57	76	238742	19.569	ug/l	100
18) Methyl Acetate	2.78	43	125477	20.160	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	274438	19.875	ug/l	99
20) Methylene Chloride	2.86	84	88427	19.725	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	80797	19.585	ug/l	92
22) Diisopropyl ether	3.85	45	323286	19.856	ug/l #	81
23) Vinyl Acetate	3.82	43	1408002	100.868	ug/l	97
24) 1,1-Dichloroethane	3.70	63	165439	19.756	ug/l	99
25) 2-Butanone	4.67	43	396431	99.893	ug/l	98
26) 2,2-Dichloropropane	4.59	77	123190	19.528	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	92625	19.695	ug/l	92
28) Bromochloromethane	5.01	49	70112	18.646	ug/l #	81
29) Tetrahydrofuran	5.13	42	252123	101.627	ug/l	97
30) Chloroform	5.21	83	154644	19.743	ug/l	99
31) Cyclohexane	5.58	56	161376	20.523	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	128852	19.775	ug/l	97
36) 1,1-Dichloropropene	5.80	75	121237	20.487	ug/l	97
37) Ethyl Acetate	4.83	43	145817	20.844	ug/l	98
38) Carbon Tetrachloride	5.79	117	108048	20.491	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008189.D
 Acq On : 19 Mar 2019 14:16
 Operator : JC/SP
 Sample : VX0319WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

Quant Time: Mar 20 07:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149892	21.048	ug/l	92
40) Benzene	6.14	78	360205	20.565	ug/l	100
41) Methacrylonitrile	5.04	41	81696	20.820	ug/l	97
42) 1,2-Dichloroethane	6.19	62	131359	20.472	ug/l	96
43) Isopropyl Acetate	6.45	43	232211	20.709	ug/l	97
44) Trichloroethene	7.21	130	86803	20.268	ug/l	92
45) 1,2-Dichloropropane	7.51	63	98854	20.161	ug/l	100
46) Dibromomethane	7.66	93	58860	19.826	ug/l	87
47) Bromodichloromethane	7.90	83	114086	20.164	ug/l	98
48) Methyl methacrylate	7.77	41	120968	20.289	ug/l	93
49) 1,4-Dioxane	7.74	88	43216	410.753	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	766073	105.678	ug/l	97
52) Toluene	8.78	92	217086	20.891	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126839	18.814	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142714	20.325	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	87356	20.807	ug/l	99
56) Ethyl methacrylate	9.18	69	143469	19.803	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	153615	20.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	331152	96.267	ug/l	93
59) 2-Hexanone	9.49	43	591862	106.050	ug/l	96
60) Dibromochloromethane	9.58	129	82622	20.477	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89332	20.377	ug/l	99
64) Tetrachloroethene	9.34	164	83901	20.452	ug/l	96
65) Chlorobenzene	10.14	112	228076	20.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	78959	20.241	ug/l	99
67) Ethyl Benzene	10.25	91	409350	20.762	ug/l	98
68) m/p-Xylenes	10.36	106	299382	41.337	ug/l	92
69) o-Xylene	10.69	106	145515	20.677	ug/l	95
70) Styrene	10.71	104	236478	20.676	ug/l	95
71) Bromoform	10.85	173	59549	19.139	ug/l #	100
73) Isopropylbenzene	11.02	105	397574	20.741	ug/l	98
74) N-amyl acetate	10.90	43	202753	20.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	137462	19.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161880	26.764	ug/l	92
77) Bromobenzene	11.26	156	93481	20.171	ug/l	85
78) n-propylbenzene	11.36	91	465463	20.907	ug/l	95
79) 2-Chlorotoluene	11.42	91	273972	20.503	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	330252	20.855	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	41103	18.263	ug/l	89
82) 4-Chlorotoluene	11.51	91	316235	20.337	ug/l	95
83) tert-Butylbenzene	11.77	119	308887	20.430	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	332777	20.728	ug/l	98
85) sec-Butylbenzene	11.94	105	395449	21.121	ug/l	96
86) p-Isopropyltoluene	12.06	119	342789	21.151	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	168001	20.284	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	167607	19.564	ug/l	97
89) n-Butylbenzene	12.38	91	316055	20.778	ug/l	96
90) Hexachloroethane	12.60	117	56958	20.636	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	165703	19.842	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29074	19.045	ug/l	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008189.D
Acq On : 19 Mar 2019 14:16
Operator : JC/SP
Sample : VX0319WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Quant Time: Mar 20 07:08:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

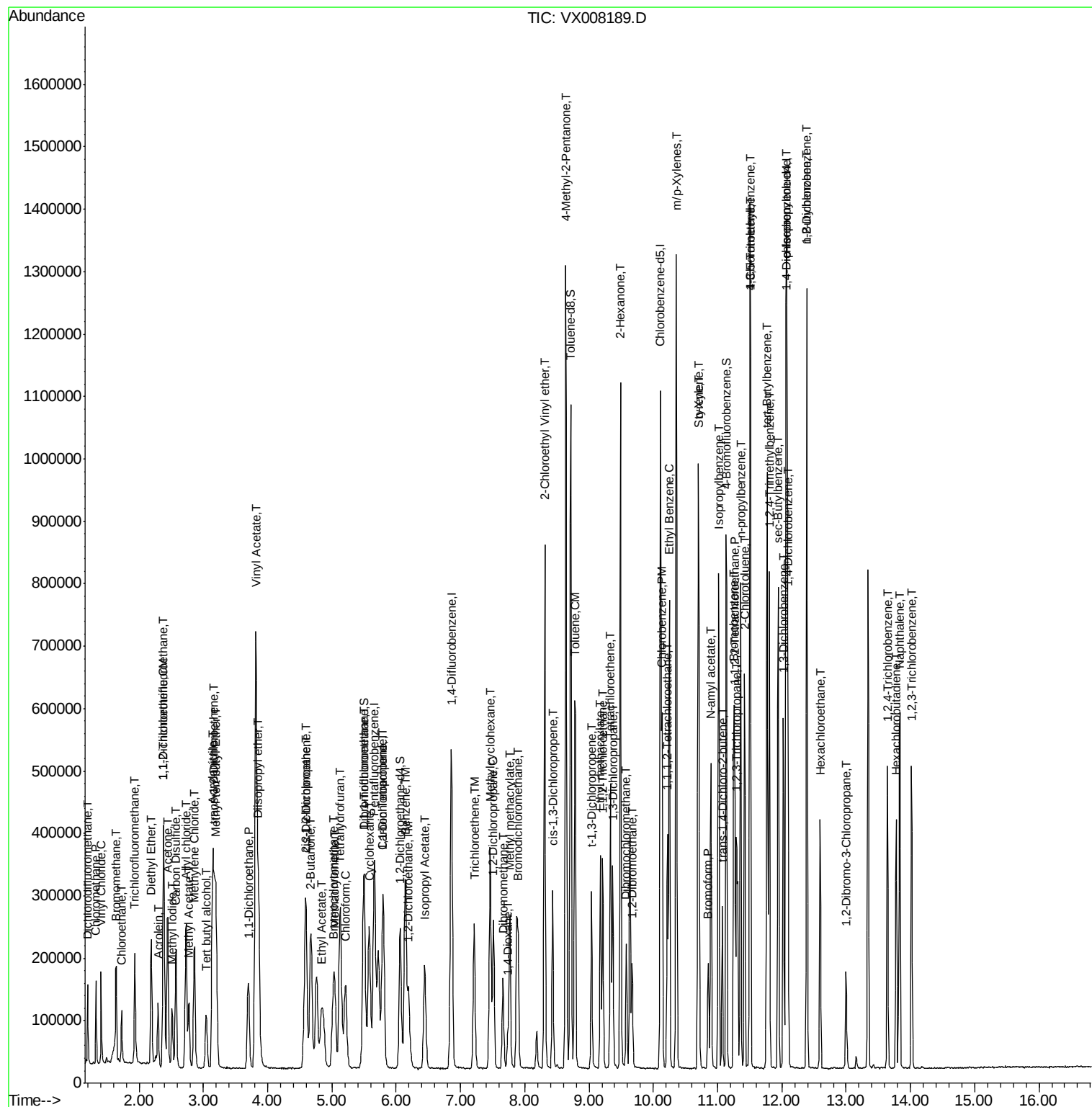
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110533	20.094	ug/l	99
94) Hexachlorobutadiene	13.78	225	56041	20.889	ug/l	100
95) Naphthalene	13.83	128	348125	20.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111096	20.525	ug/l	99

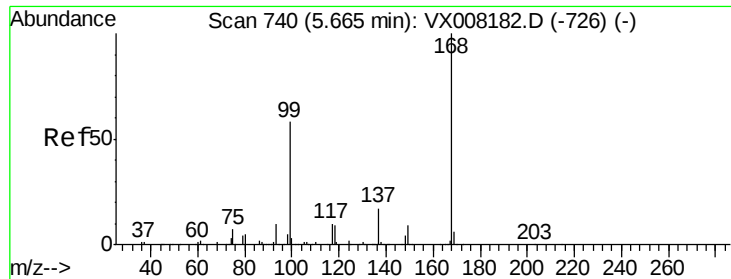
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008189.D
 Acq On : 19 Mar 2019 14:16
 Operator : JC/SP
 Sample : VX0319WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0319WBS01

Quant Time: Mar 20 07:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

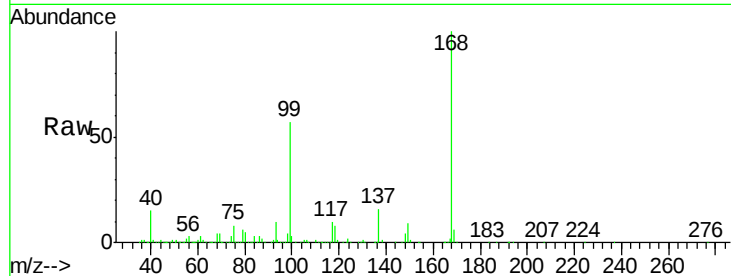
VX0319WBS01

Tot Ion:168 Resp: 314736

Ion Ratio Lower Upper

168 100

99 56.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

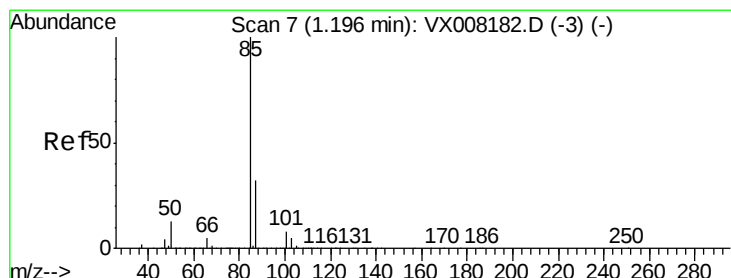
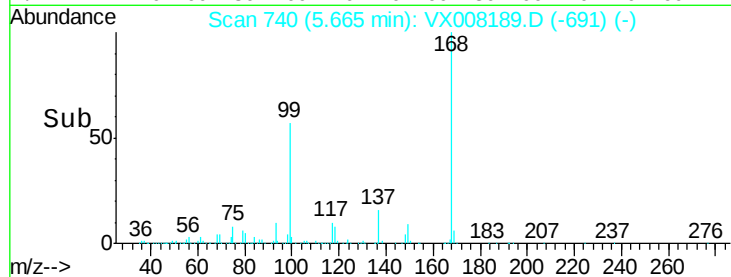
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.050 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008189.D

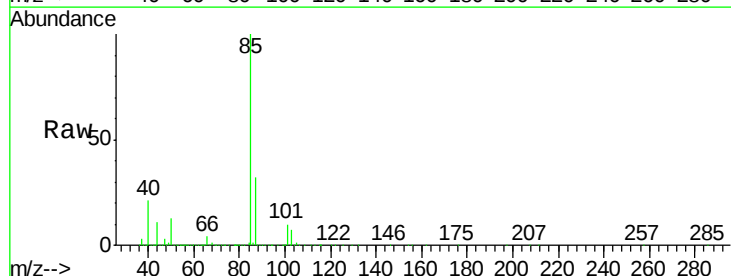
Acq: 19 Mar 2019 14:16

Tgt Ion: 85 Resp: 76508

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

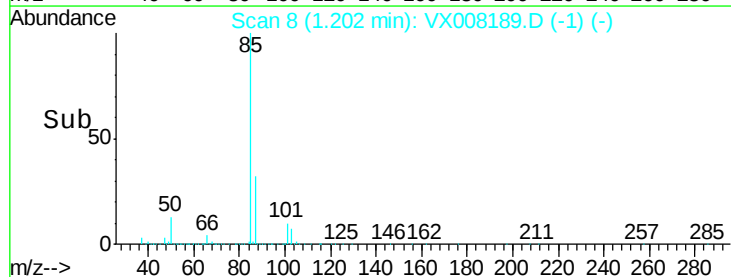
40000

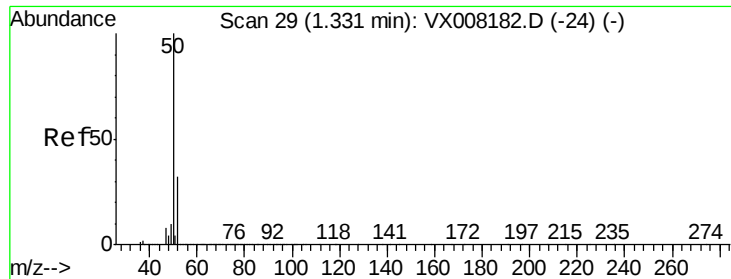
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.989 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

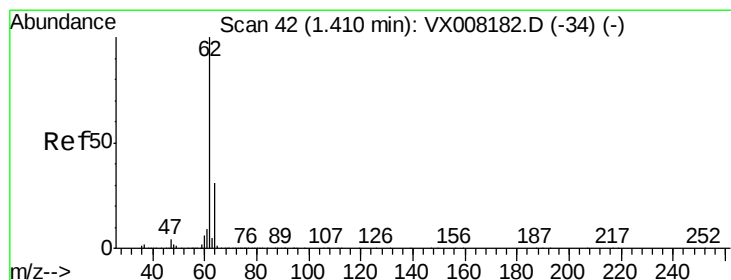
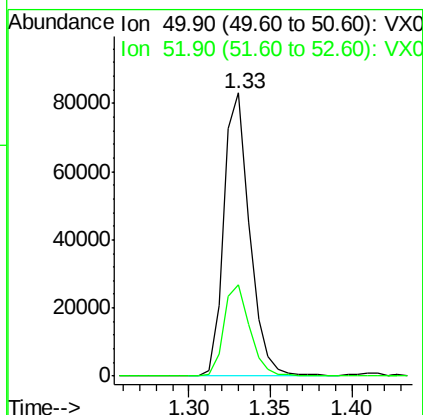
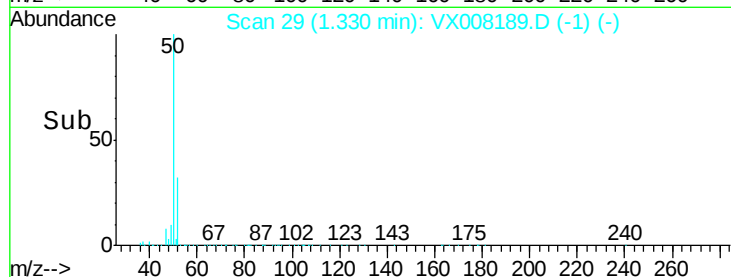
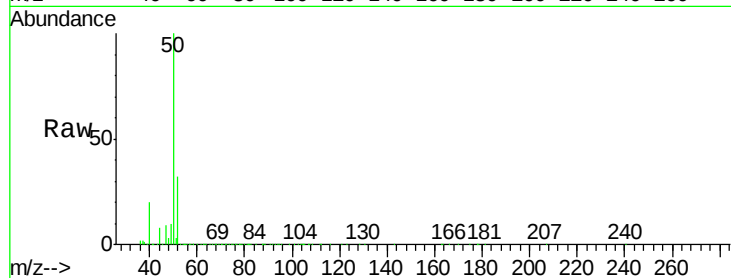
VX0319WBS01

Tot Ion: 50 Resp: 90921

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 19.078 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008189.D

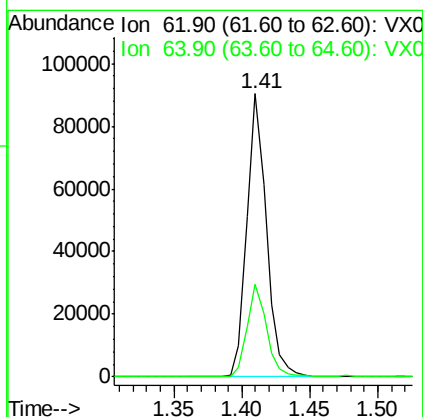
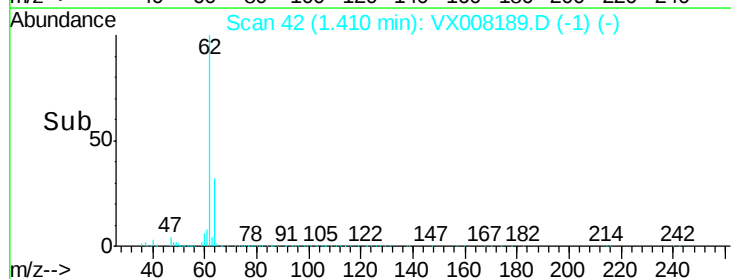
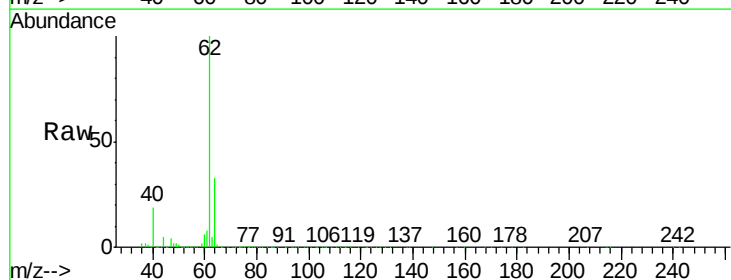
Acq: 19 Mar 2019 14:16

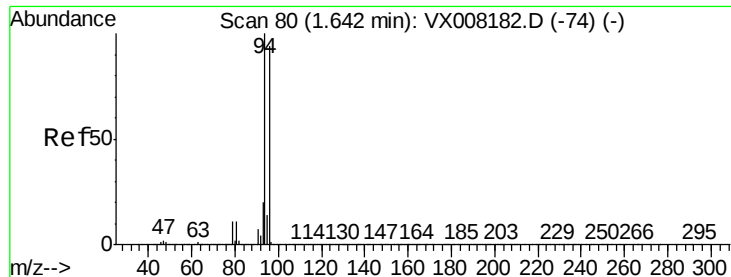
Tgt Ion: 62 Resp: 91079

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 15.481 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

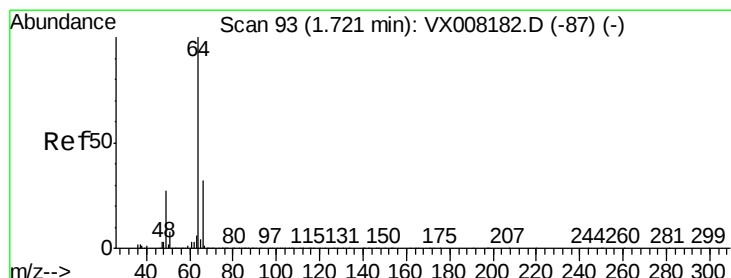
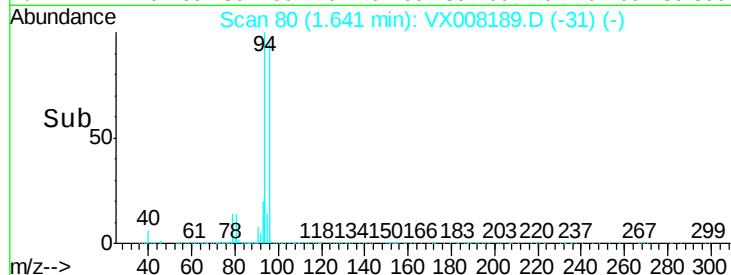
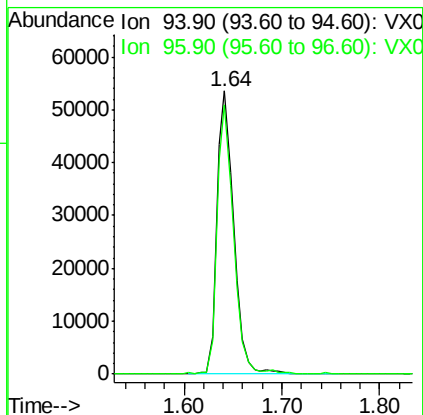
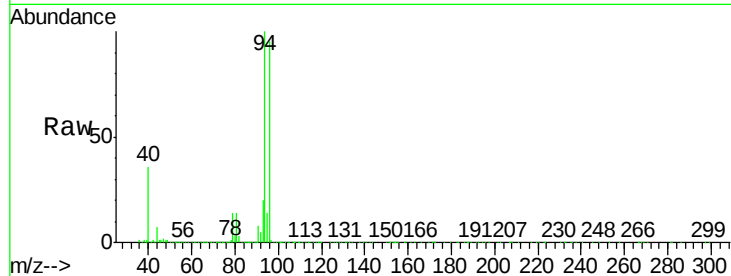
VX0319WBS01

Tot Ion: 94 Resp: 62953

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 18.594 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008189.D

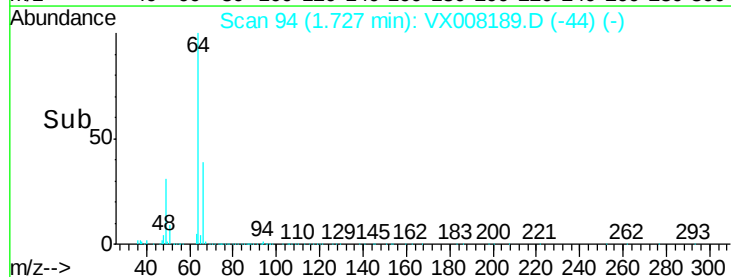
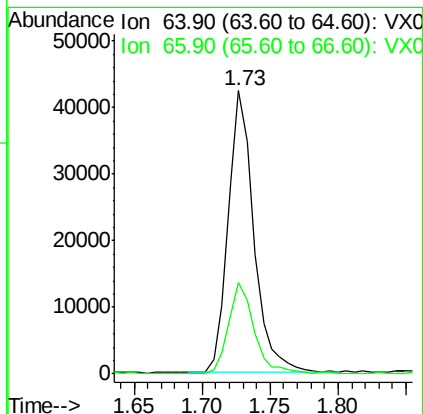
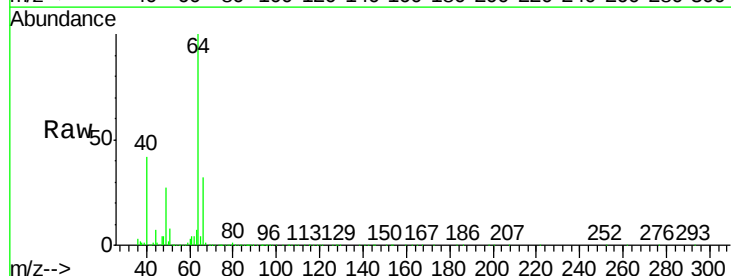
Acq: 19 Mar 2019 14:16

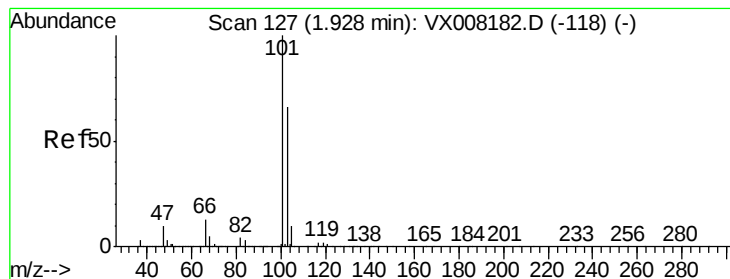
Tgt Ion: 64 Resp: 55657

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



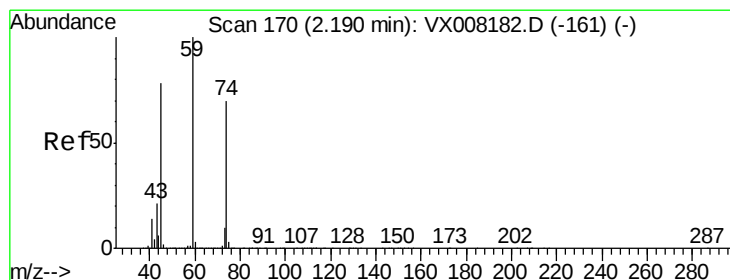
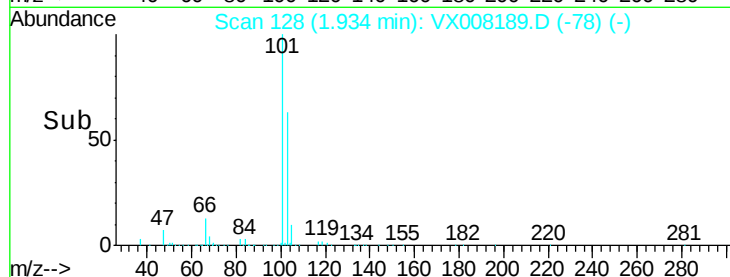
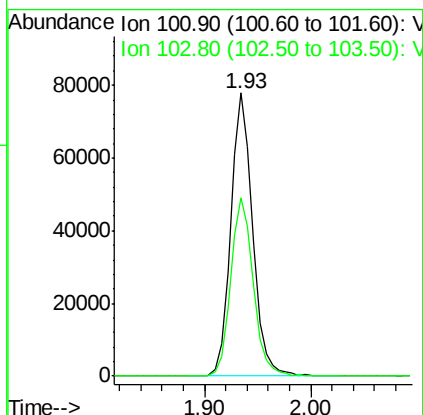
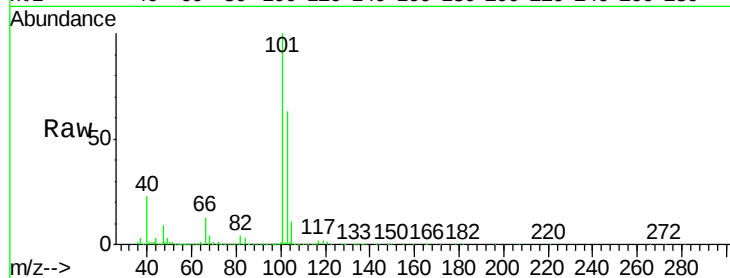


#7

Trichlorofluoromethane
Concen: 18.418 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

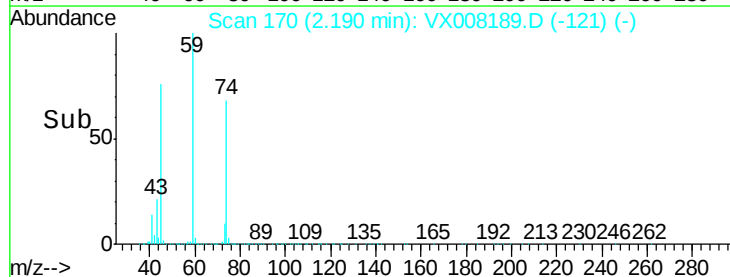
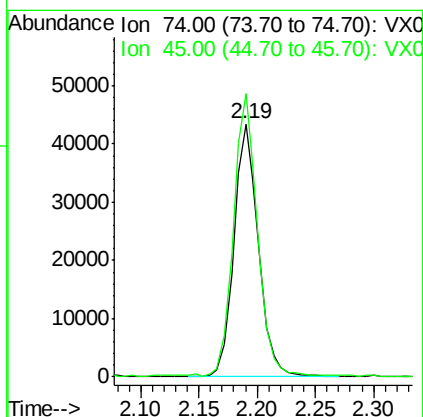
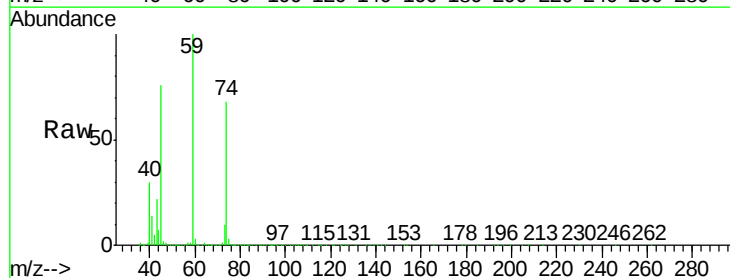
Tot Ion:101 Resp: 112212
Ion Ratio Lower Upper
101 100
103 63.1 50.4 75.6

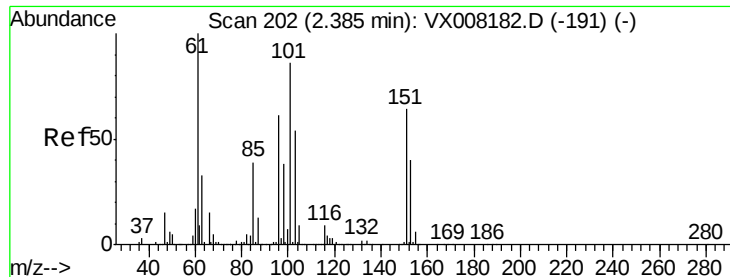


#8

Diethyl Ether
Concen: 20.215 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 74 Resp: 63365
Ion Ratio Lower Upper
74 100
45 108.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.833 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

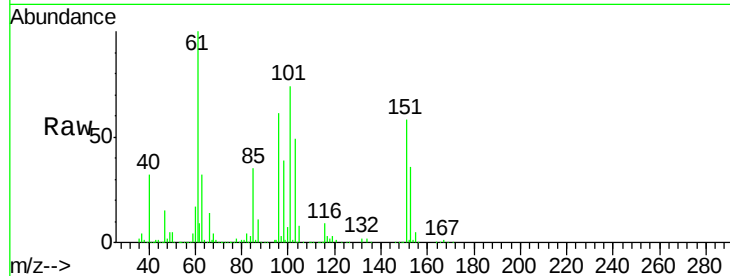
Tot Ion:101 Resp: 80227

Ion Ratio Lower Upper

101 100

85 45.8 33.8 50.6

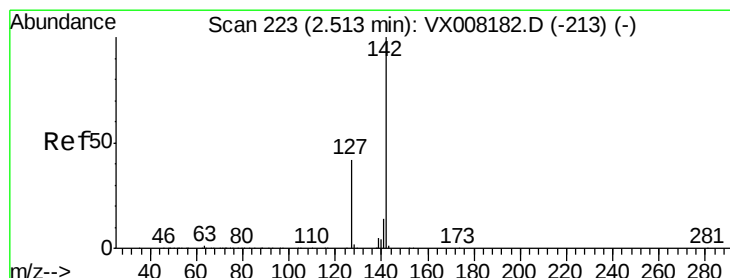
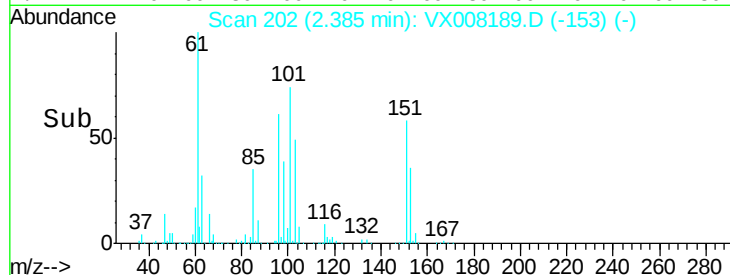
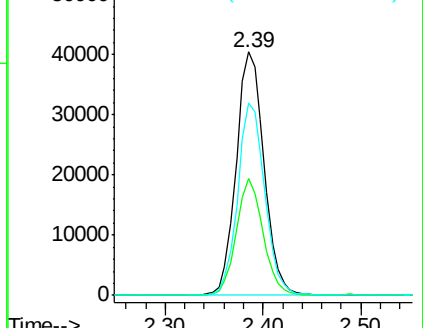
151 76.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.526 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

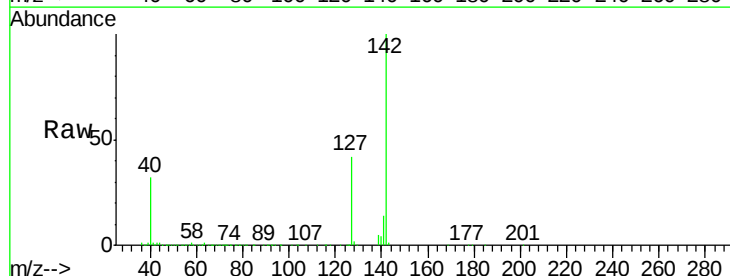
Tgt Ion:142 Resp: 95418

Ion Ratio Lower Upper

142 100

127 43.0 32.1 48.1

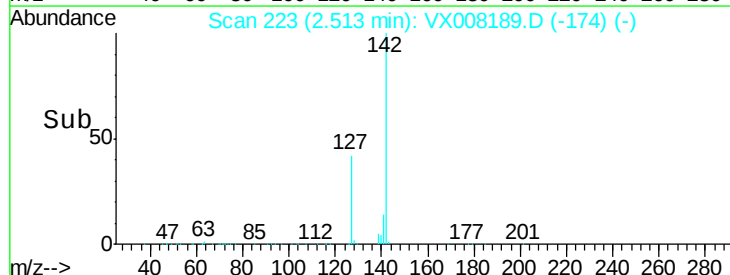
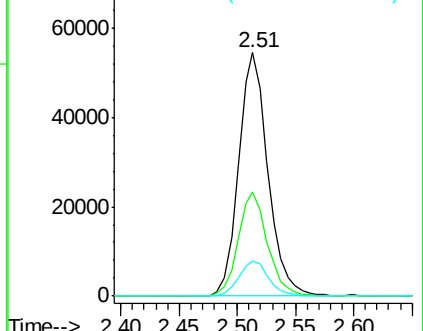
141 14.8 11.4 17.2

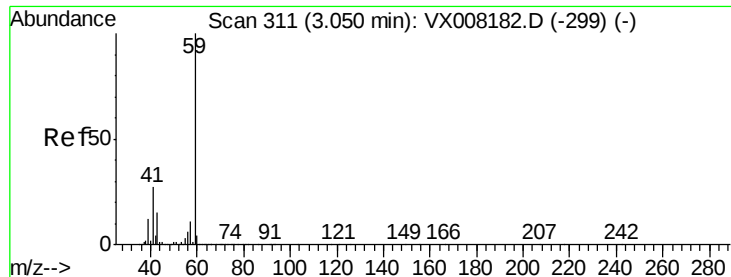


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



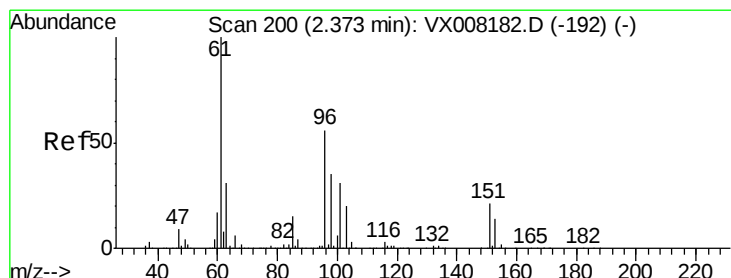
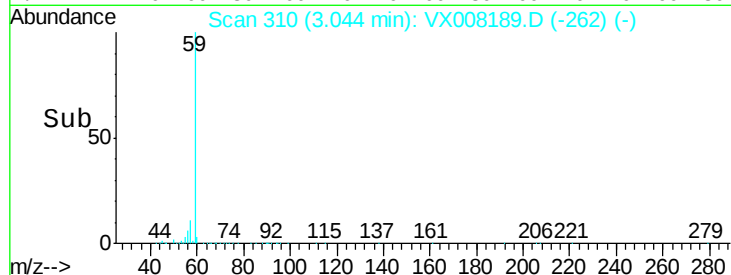
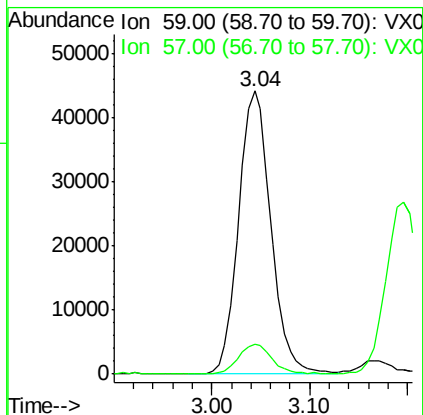
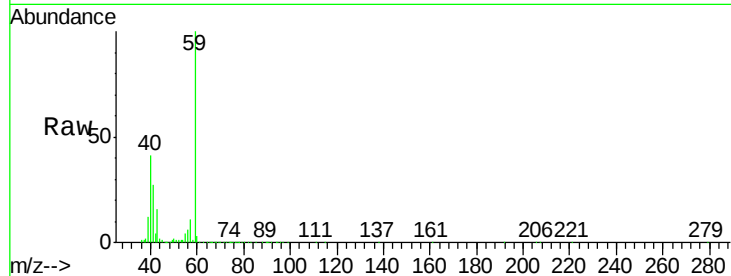


#11

Tert butyl alcohol
 Concen: 99.339 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

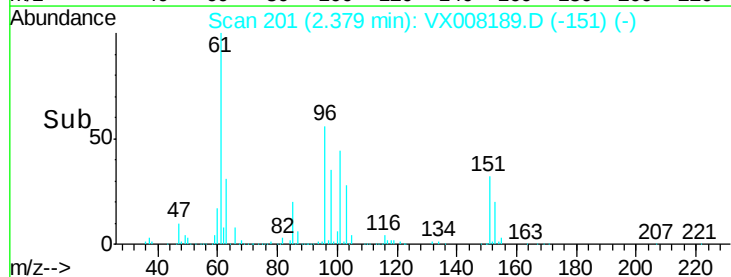
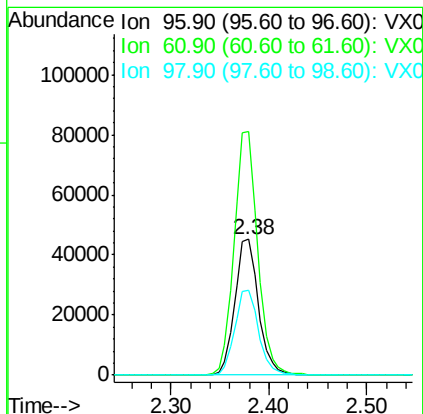
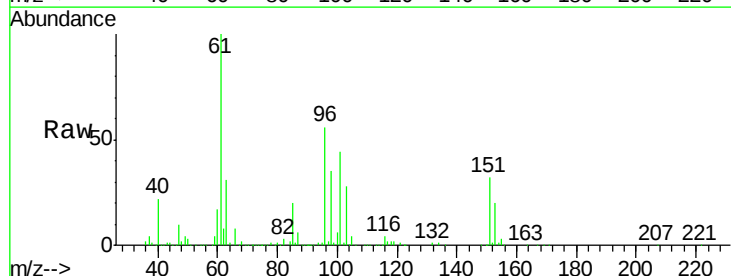
Tot Ion: 59 Resp: 100805
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

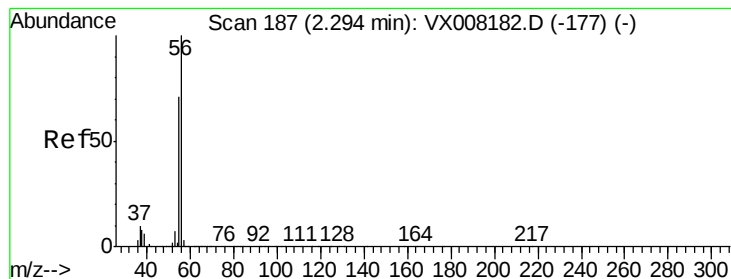


#12

1,1-Dichloroethene
 Concen: 19.824 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 96 Resp: 75706
 Ion Ratio Lower Upper
 96 100
 61 179.5 129.8 194.6
 98 62.9 51.0 76.6





#13

Acrolein

Concen: 91.564 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

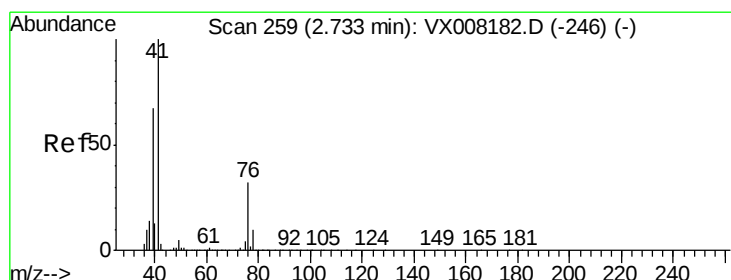
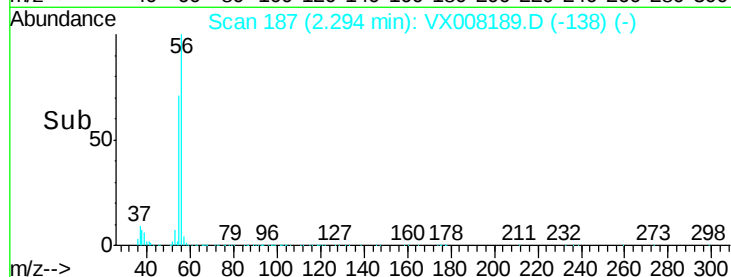
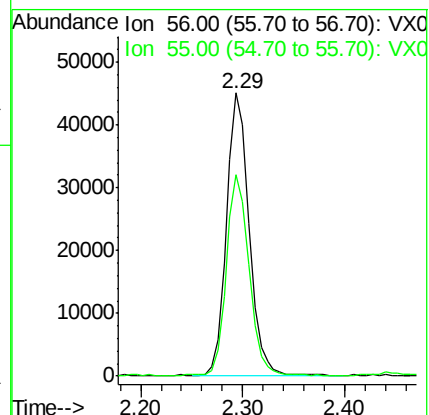
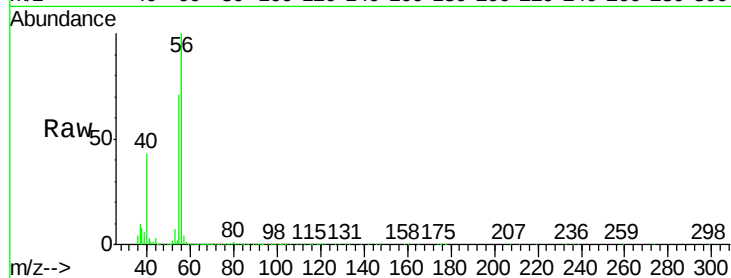
VX0319WBS01

Tot Ion: 56 Resp: 70155

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 19.785 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

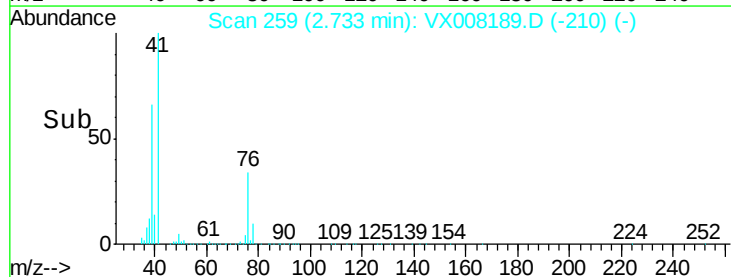
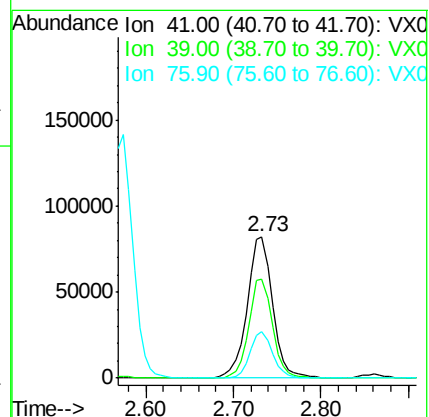
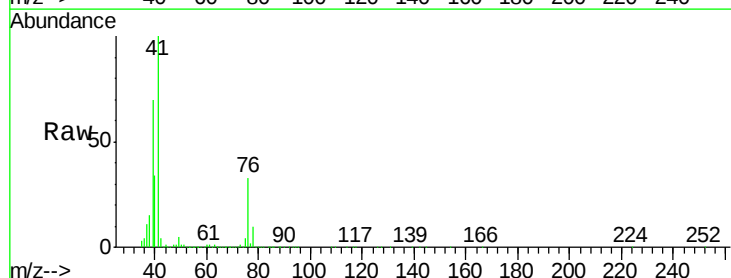
Tgt Ion: 41 Resp: 164478

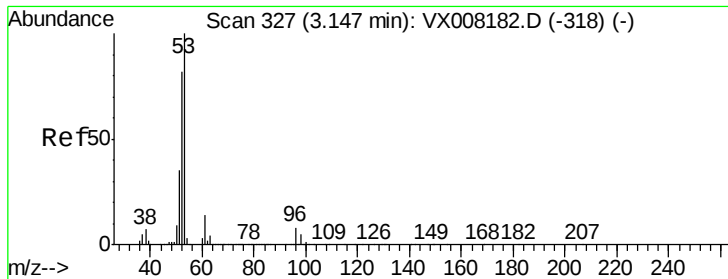
Ion Ratio Lower Upper

41 100

39 65.4 46.1 69.1

76 29.2 24.0 36.0





#15

Acrylonitrile

Concen: 98.735 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

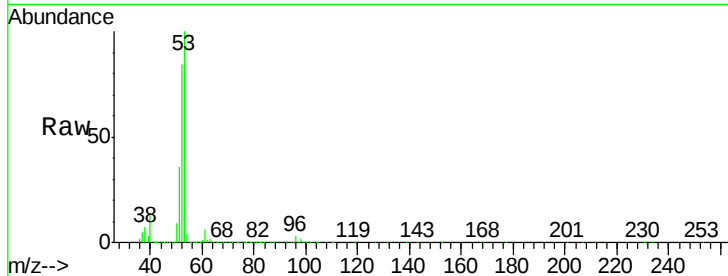
Tot Ion: 53 Resp: 265009

Ion Ratio Lower Upper

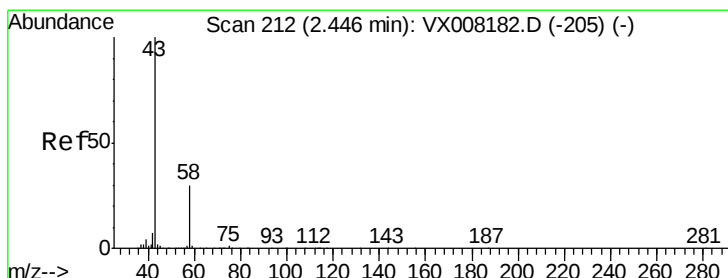
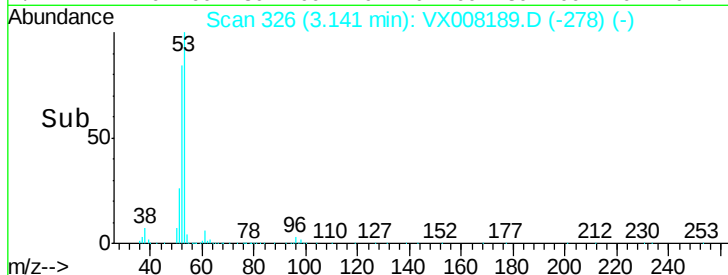
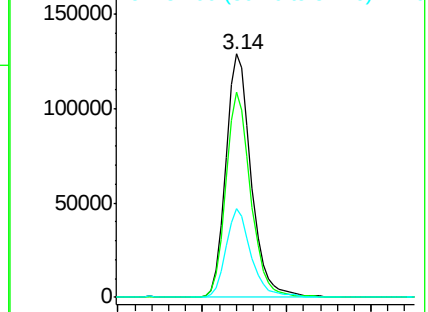
53 100

52 82.7 66.0 99.0

51 36.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.231 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008189.D

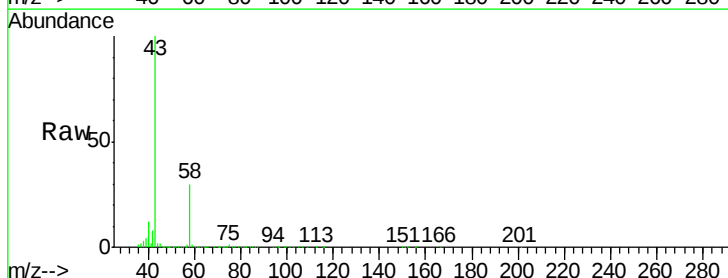
Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 261402

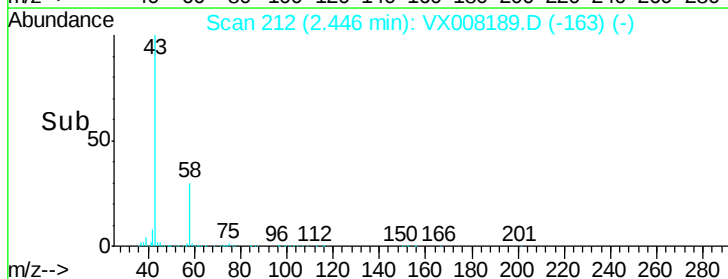
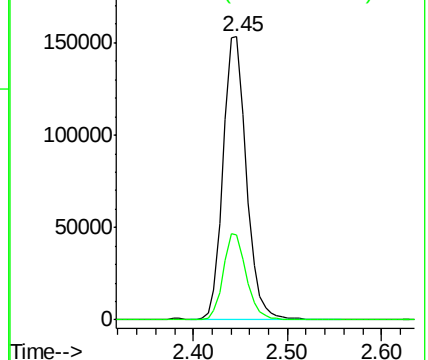
Ion Ratio Lower Upper

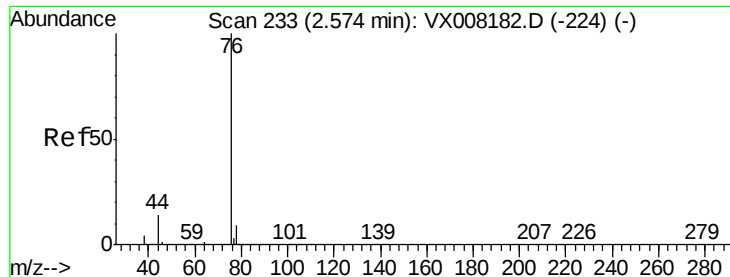
43 100

58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

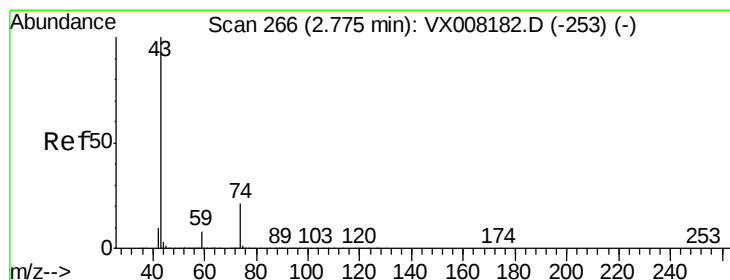
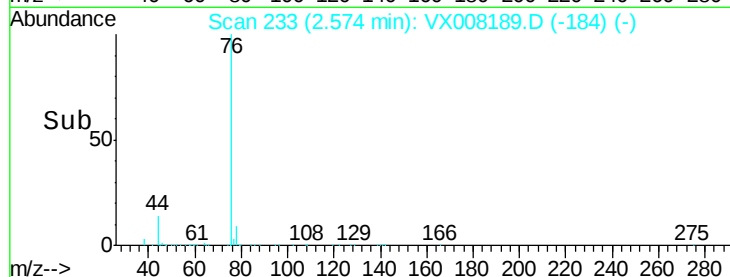
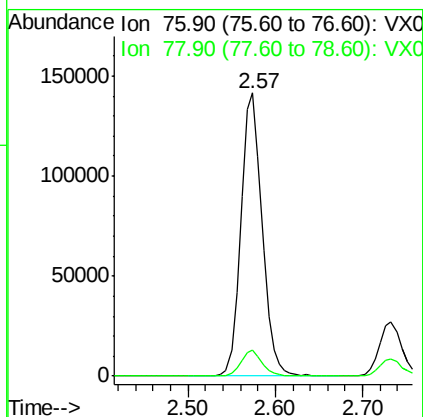
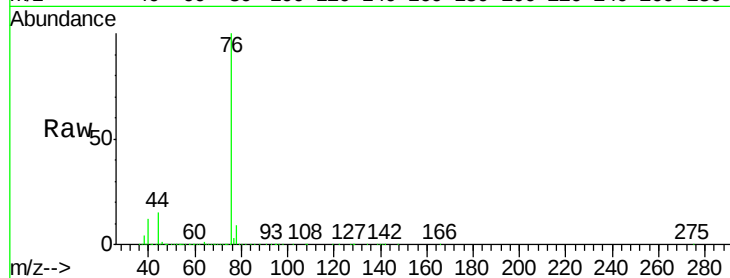




#17
Carbon Disulfide
Concen: 19.569 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

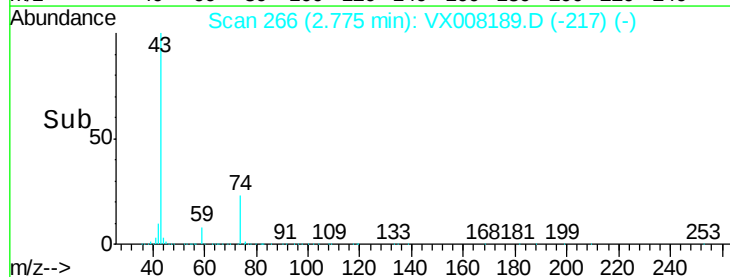
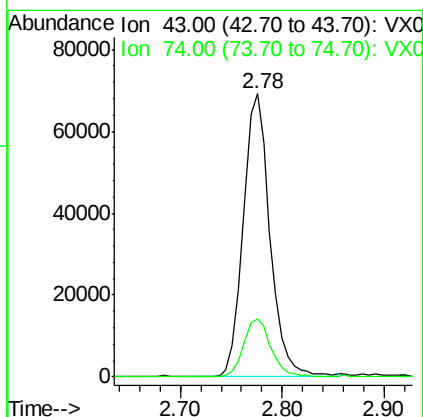
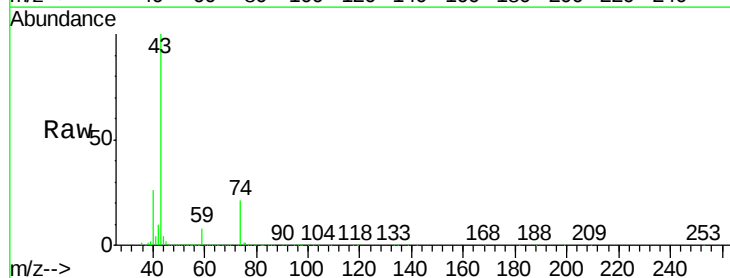
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

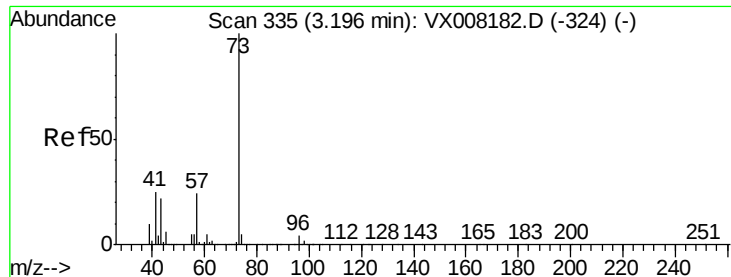
Tot Ion: 76 Resp: 238742
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.160 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 125477
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6



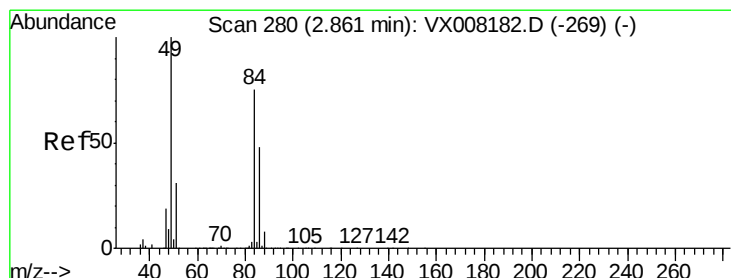
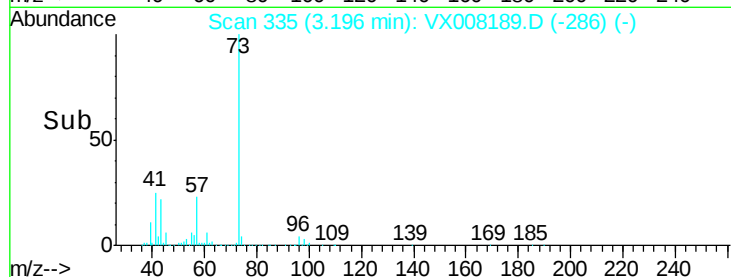
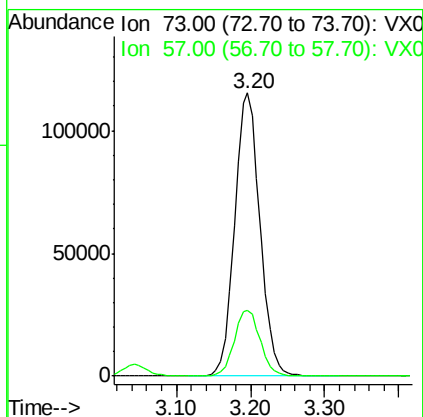
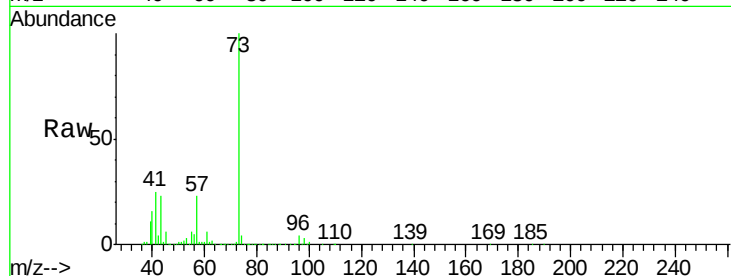


#19

Methyl tert-butyl Ether
 Concen: 19.875 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

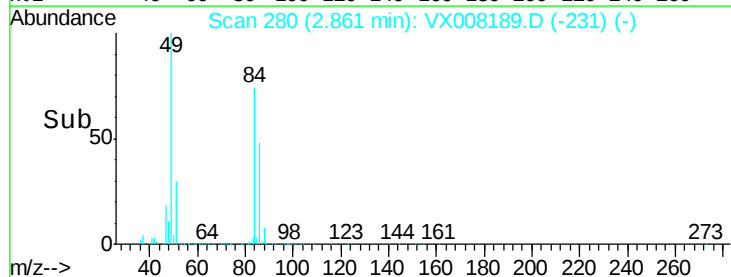
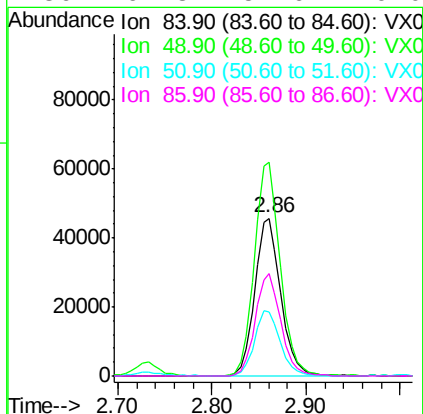
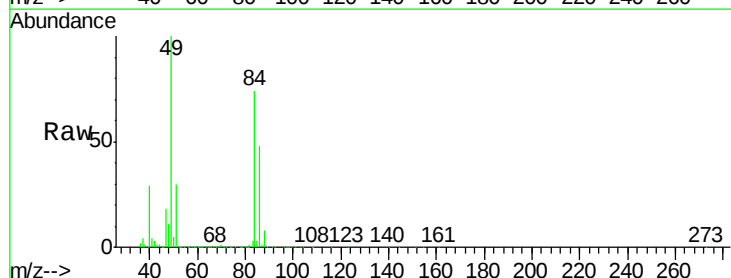
Tot Ion: 73 Resp: 274438
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

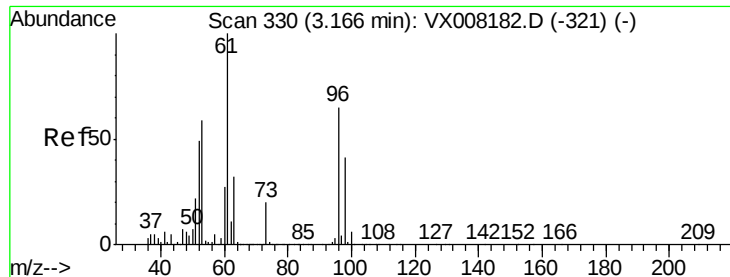


#20

Methylene Chloride
 Concen: 19.725 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 84 Resp: 88427
 Ion Ratio Lower Upper
 84 100
 49 135.4 99.3 148.9
 51 40.4 31.3 46.9
 86 64.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.585 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

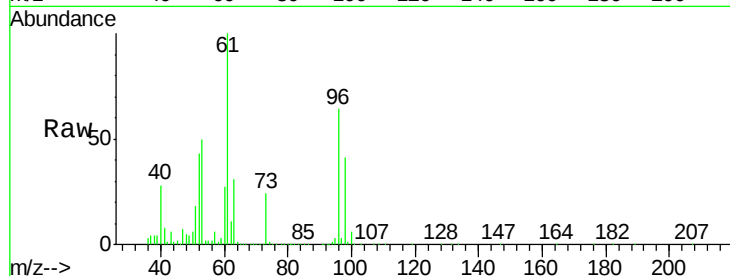
Tot Ion: 96 Resp: 80797

Ion Ratio Lower Upper

96 100

61 157.2 114.4 171.6

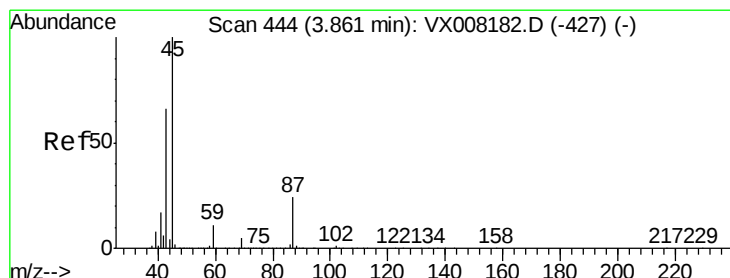
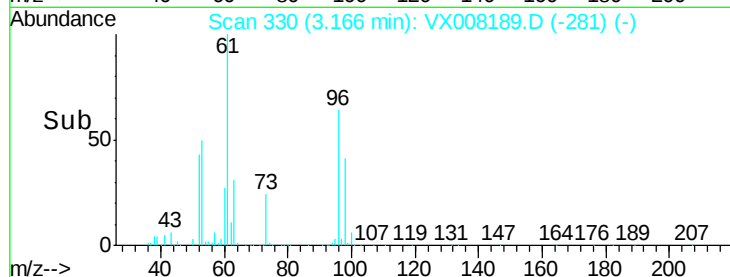
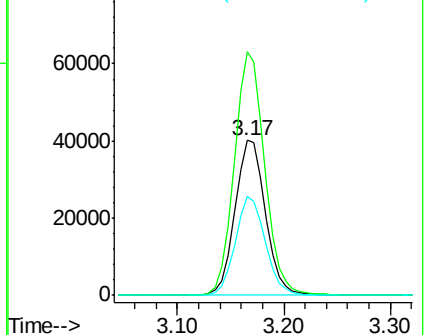
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.856 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 45 Resp: 323286

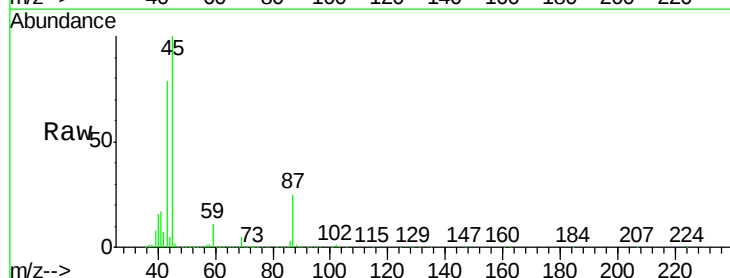
Ion Ratio Lower Upper

45 100

43 78.7 45.3 67.9#

87 24.9 21.4 32.0

59 10.7 9.5 14.3

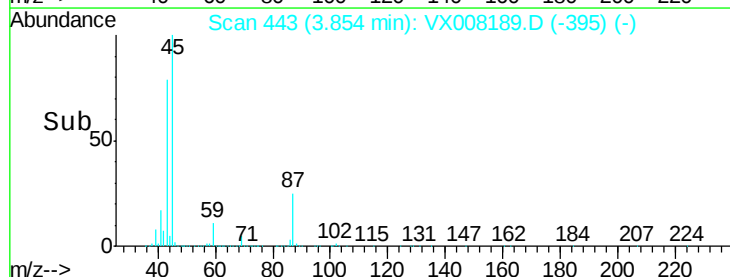
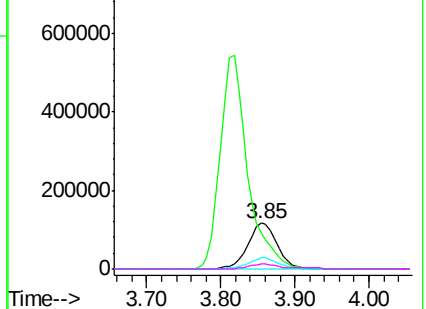


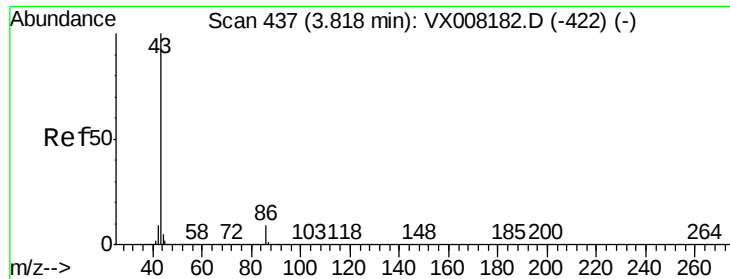
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.868 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

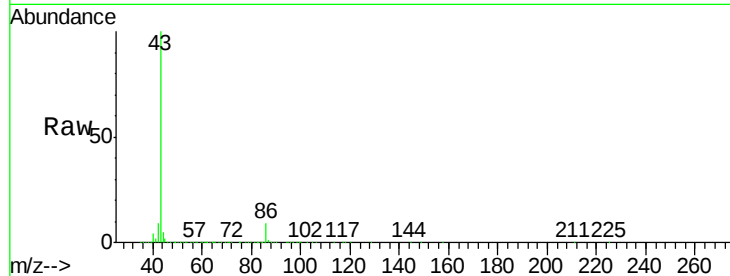
VX0319WBS01

Tot Ion: 43 Resp: 1408002

Ion Ratio Lower Upper

43 100

86 8.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

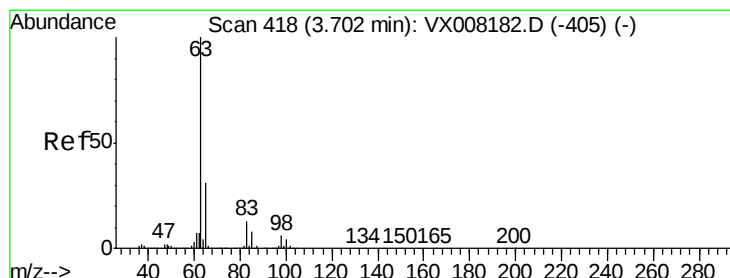
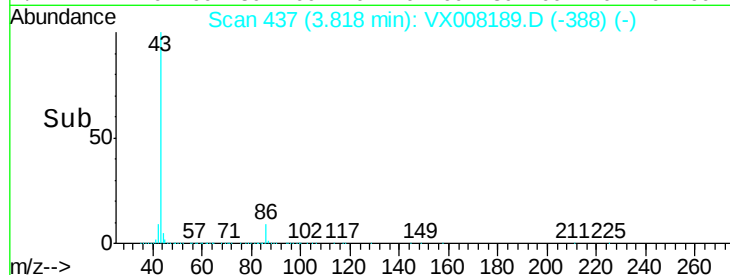
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.756 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

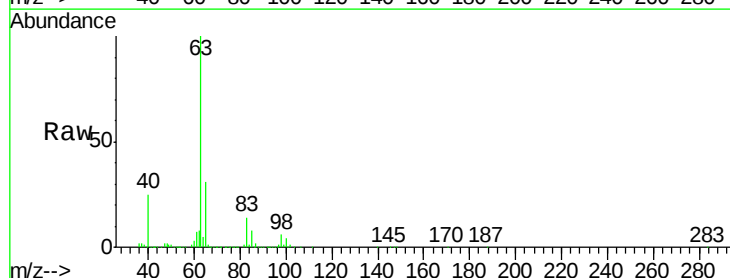
Tgt Ion: 63 Resp: 165439

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

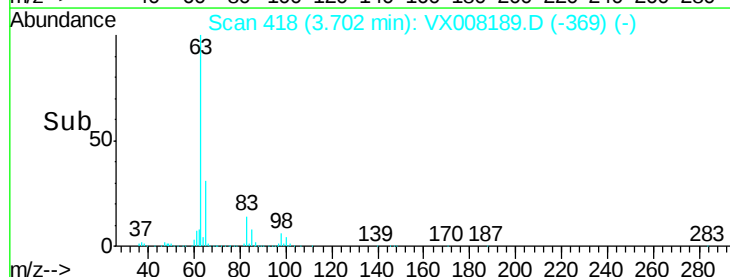
60000

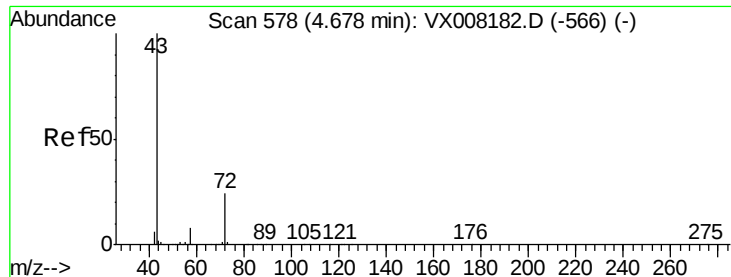
40000

20000

0

Time-->





#25

2-Butanone

Concen: 99.893 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

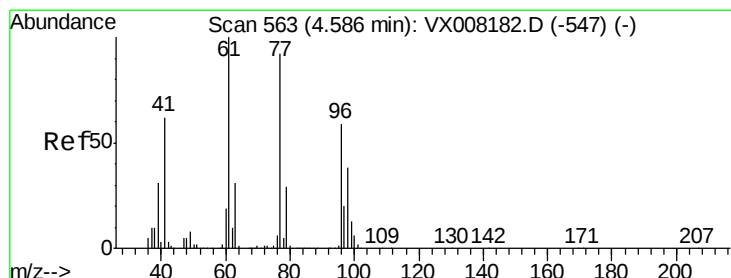
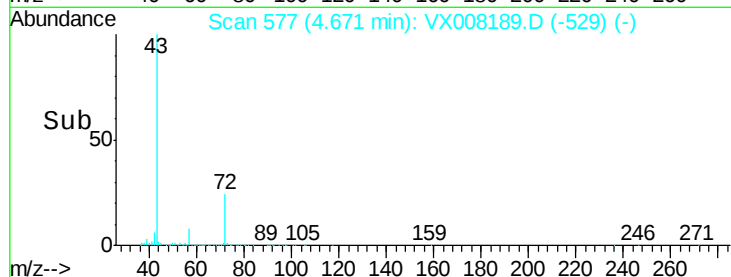
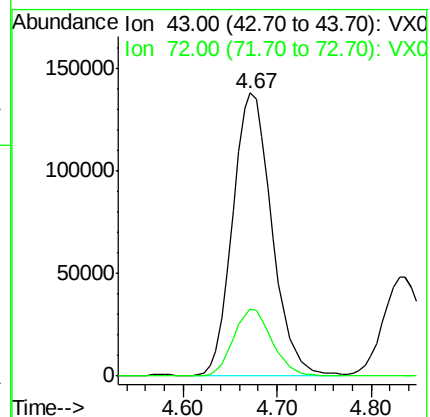
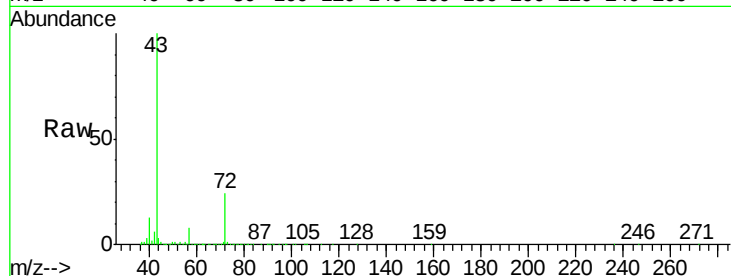
VX0319WBS01

Tot Ion: 43 Resp: 396431

Ion Ratio Lower Upper

43 100

72 23.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.528 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008189.D

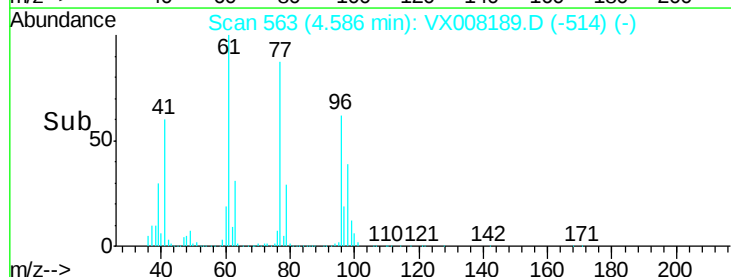
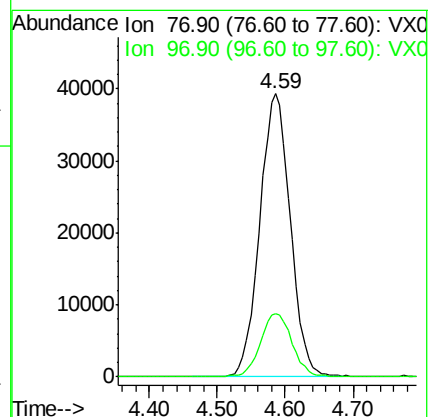
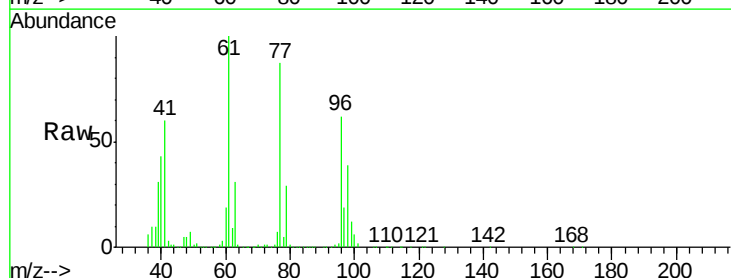
Acq: 19 Mar 2019 14:16

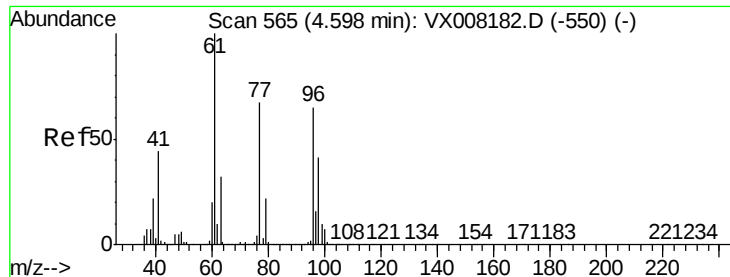
Tgt Ion: 77 Resp: 123190

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.6



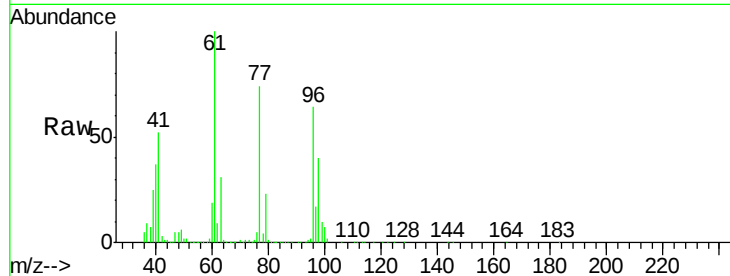


#27

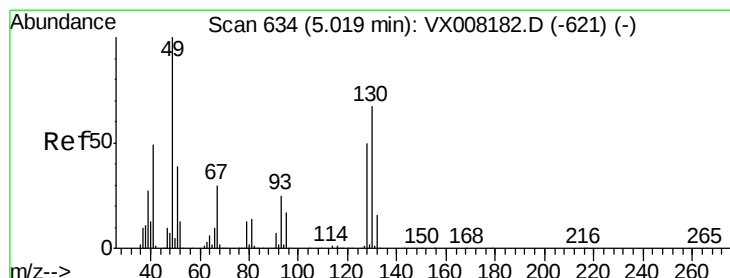
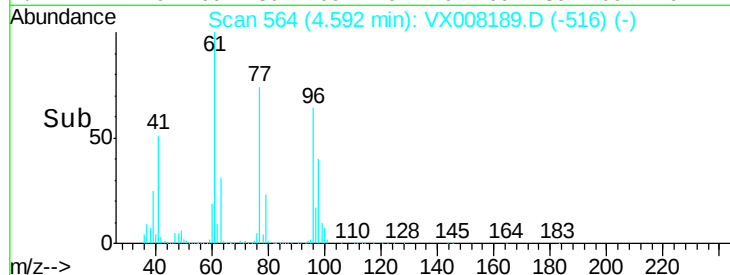
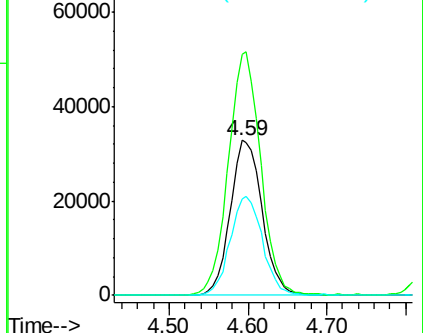
cis-1,2-Dichloroethene
Concen: 19.695 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tot Ion: 96 Resp: 92625
Ion Ratio Lower Upper
96 100
61 158.1 0.0 288.0
98 64.6 0.0 129.0



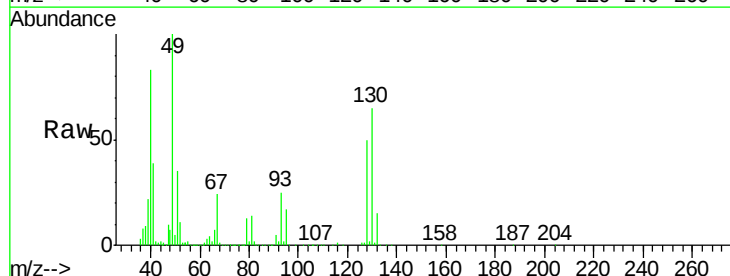
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



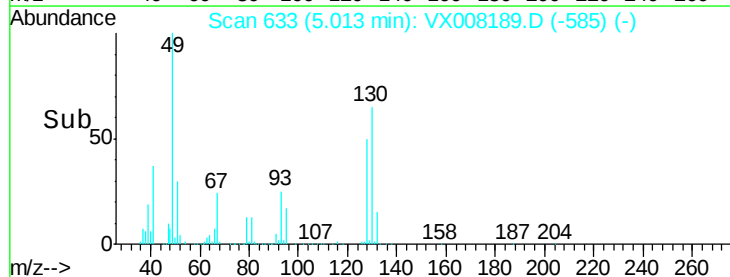
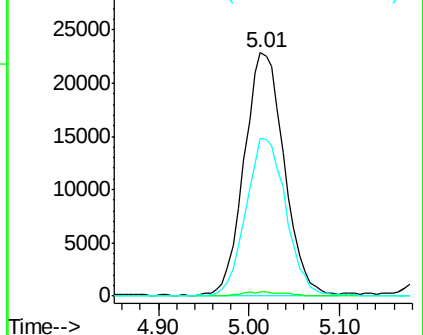
#28

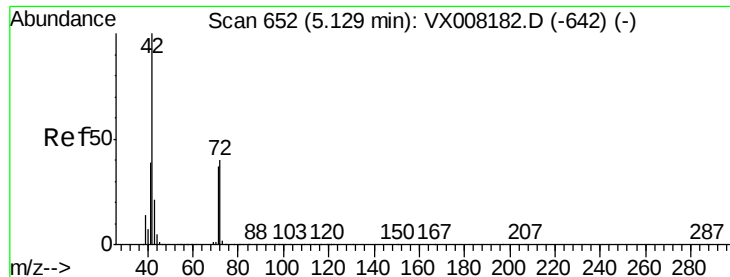
Bromochloromethane
Concen: 18.646 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 49 Resp: 70112
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 64.4 65.0 97.4#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.627 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

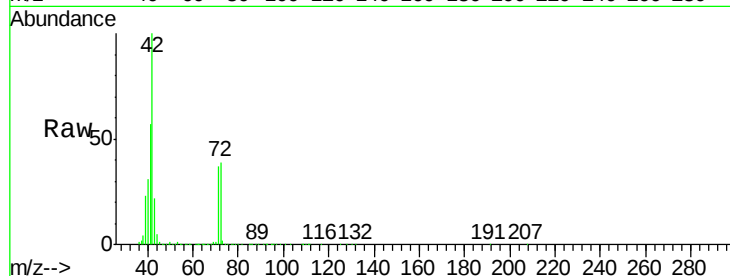
Tot Ion: 42 Resp: 252123

Ion Ratio Lower Upper

42 100

72 39.9 33.8 50.6

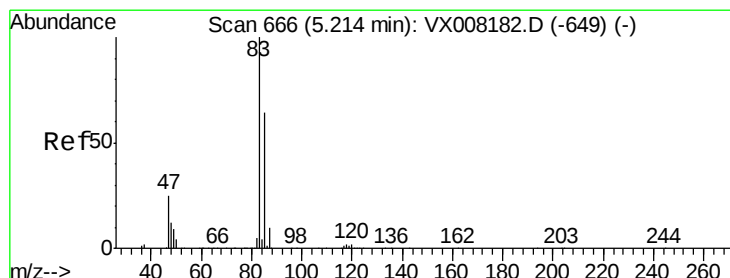
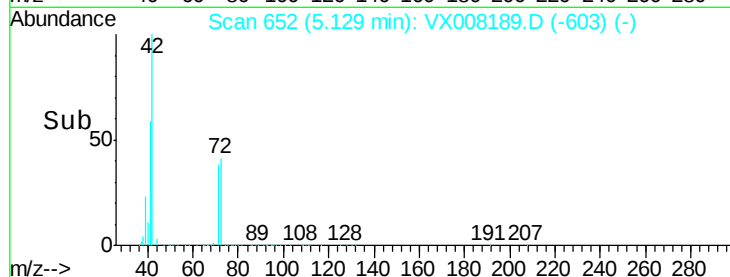
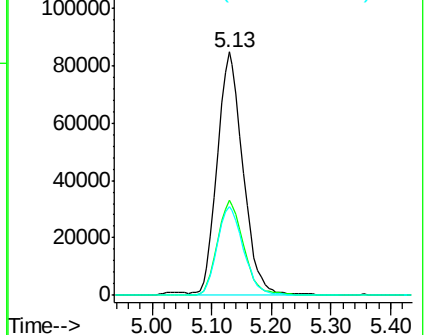
71 37.4 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.743 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008189.D

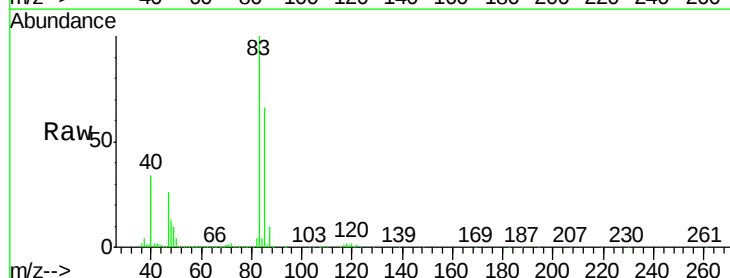
Acq: 19 Mar 2019 14:16

Tgt Ion: 83 Resp: 154644

Ion Ratio Lower Upper

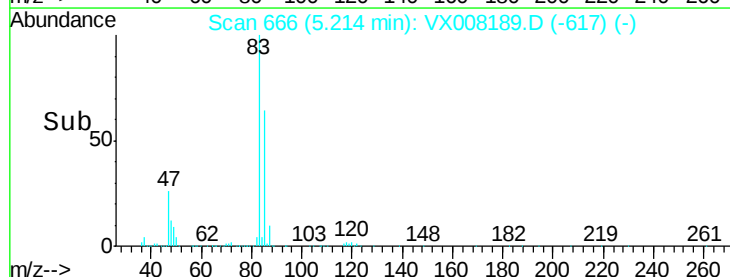
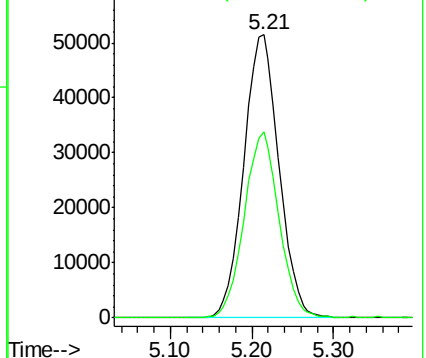
83 100

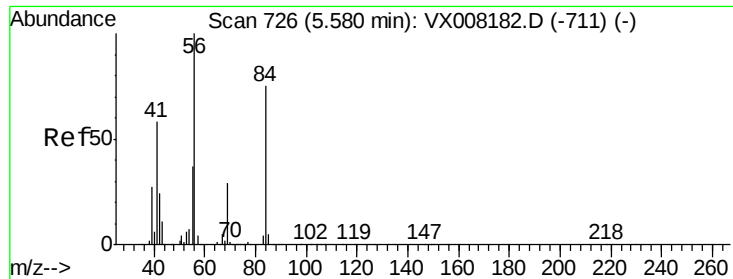
85 65.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.523 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

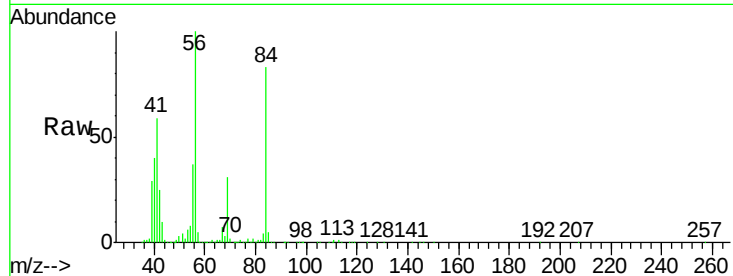
Tot Ion: 56 Resp: 161376

Ion Ratio Lower Upper

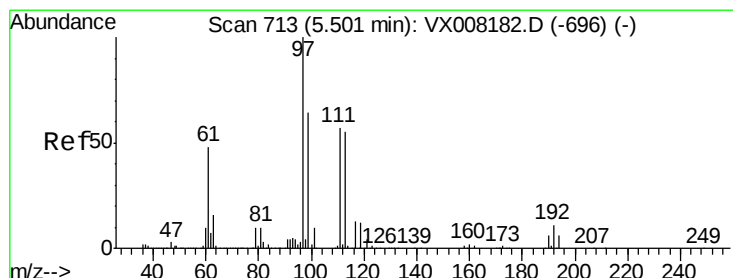
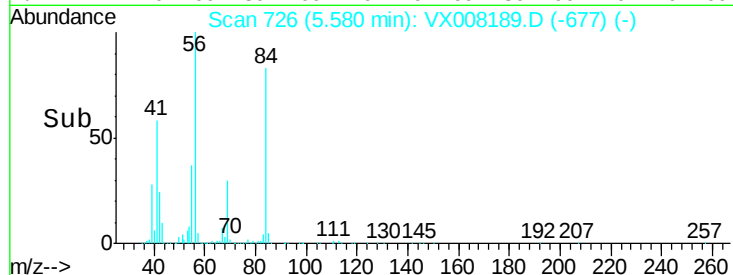
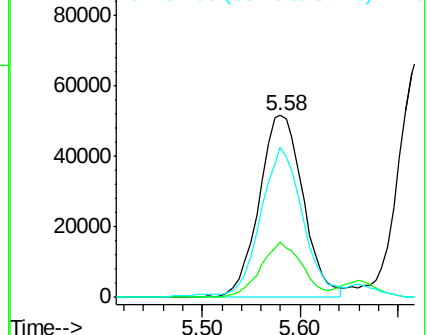
56 100

69 30.6 24.0 36.0

84 81.6 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.775 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

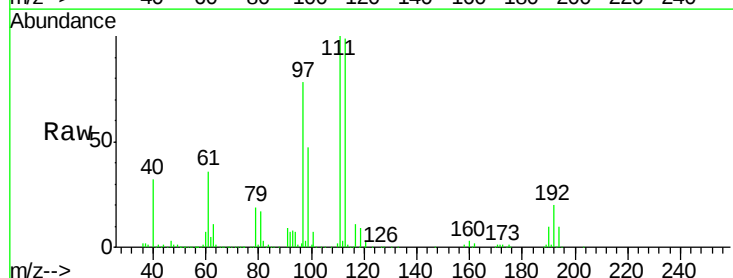
Tgt Ion: 97 Resp: 128852

Ion Ratio Lower Upper

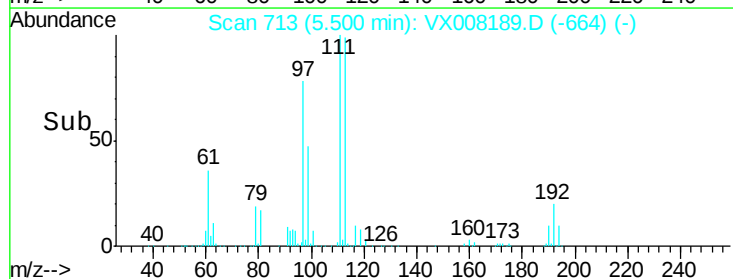
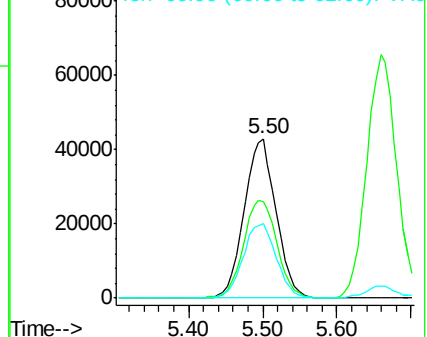
97 100

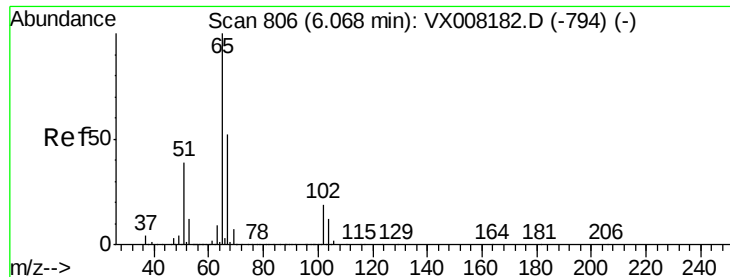
99 64.7 52.2 78.2

61 48.1 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.895 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

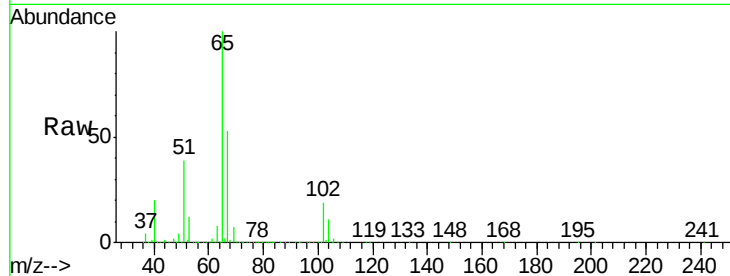
VX0319WBS01

Tot Ion: 65 Resp: 212810

Ion Ratio Lower Upper

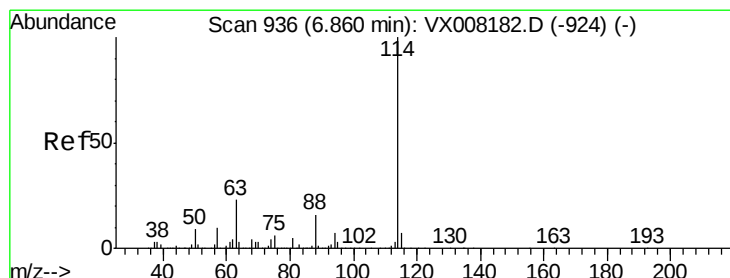
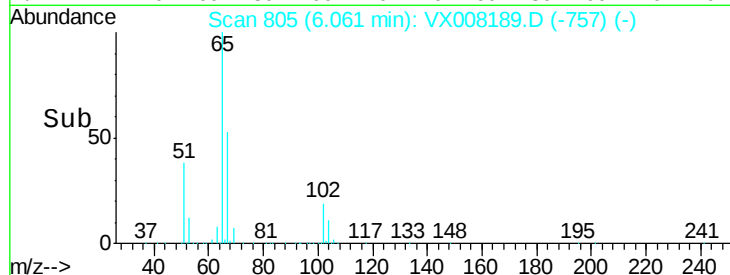
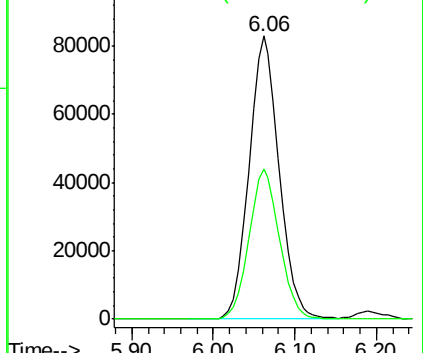
65 100

67 53.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

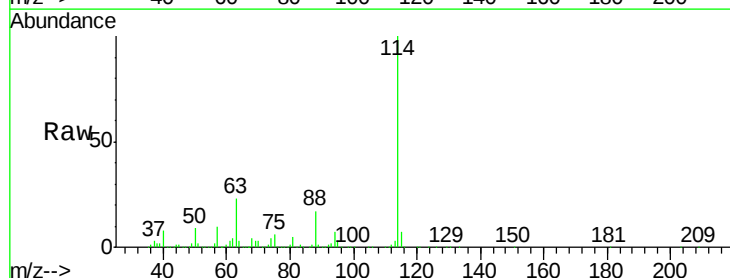
Tgt Ion: 114 Resp: 508292

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

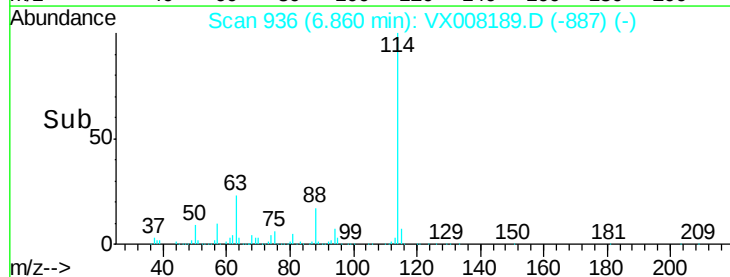
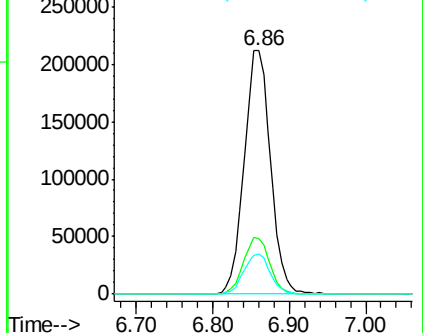
88 16.6 0.0 31.4

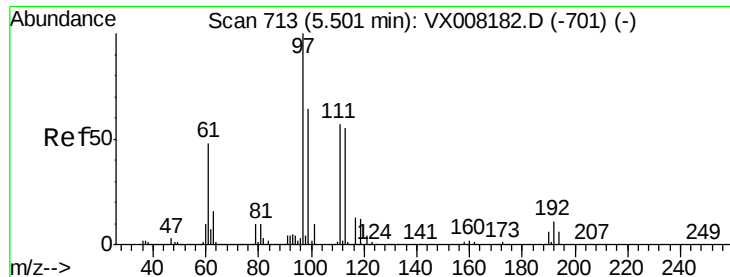


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.782 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

VX0319WBS01

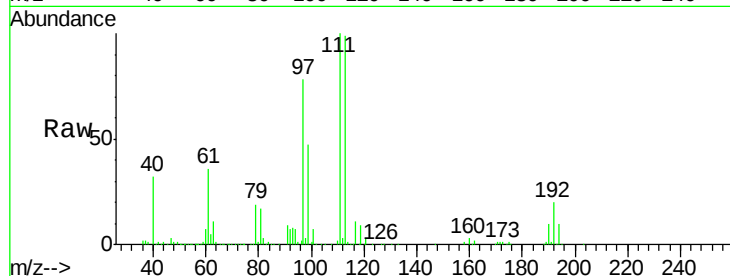
Tot Ion:113 Resp: 155781

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

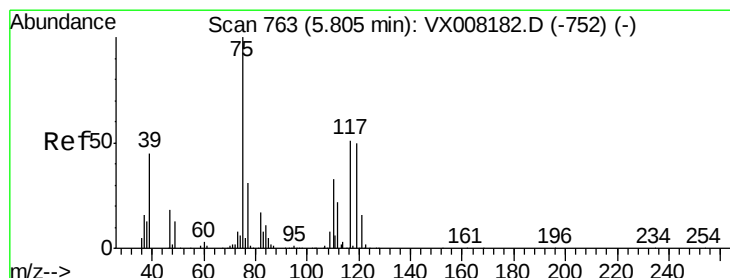
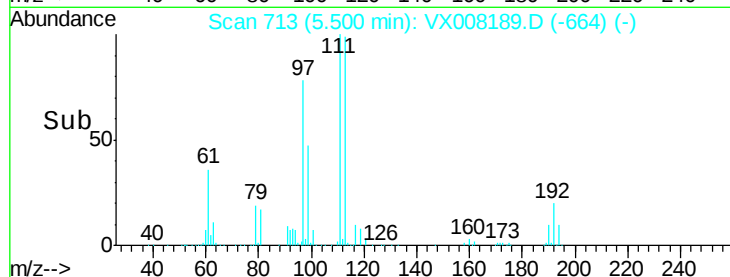
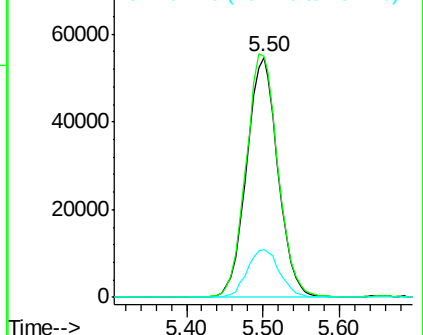
192 20.7 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.487 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

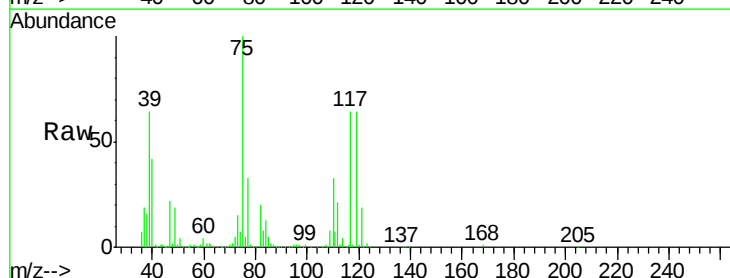
Tgt Ion: 75 Resp: 121237

Ion Ratio Lower Upper

75 100

110 34.0 18.4 55.0

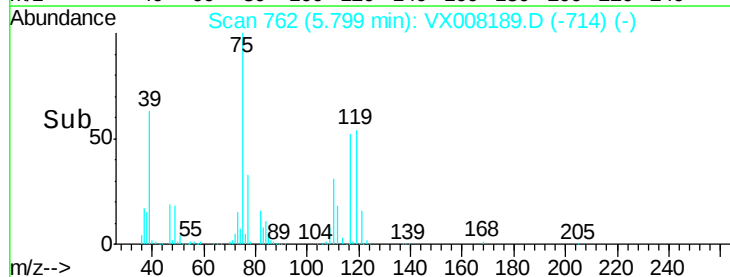
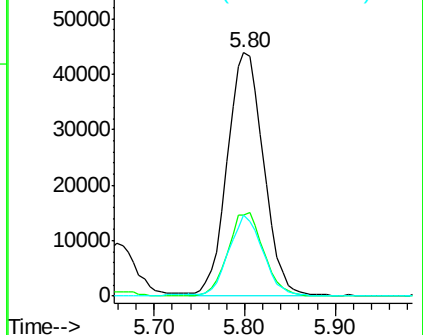
77 31.4 25.0 37.4

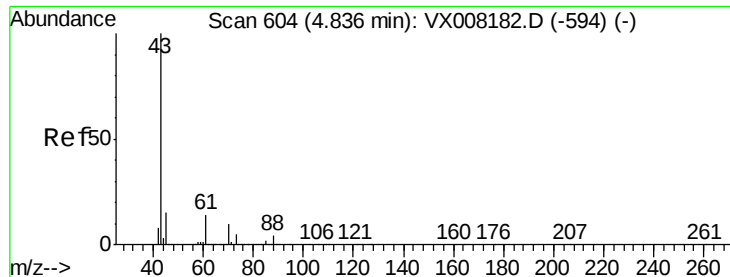


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

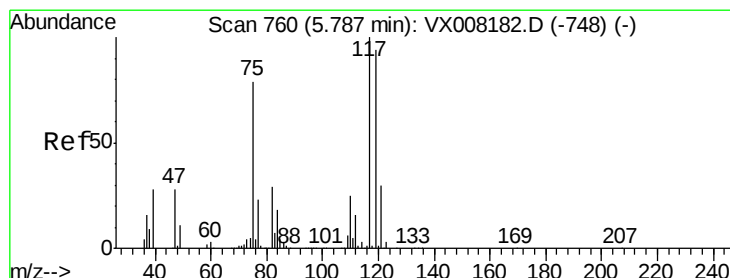
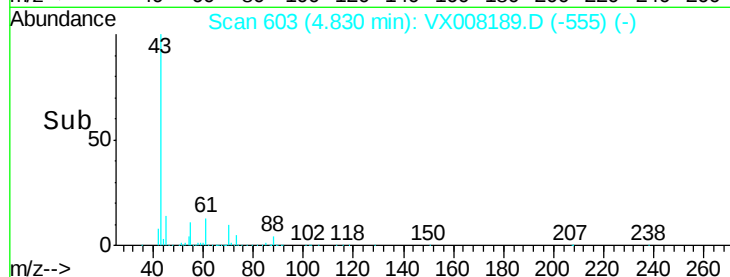
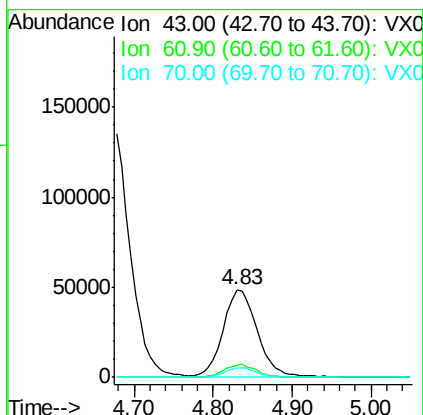
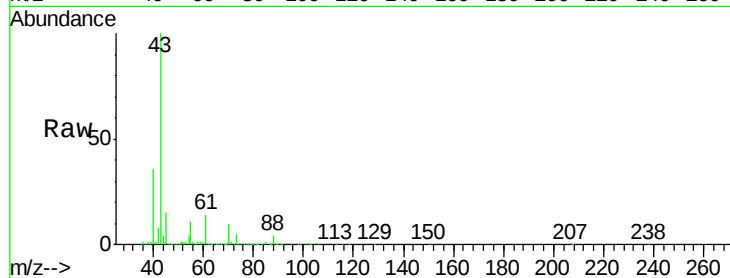




#37
Ethyl Acetate
Concen: 20.844 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

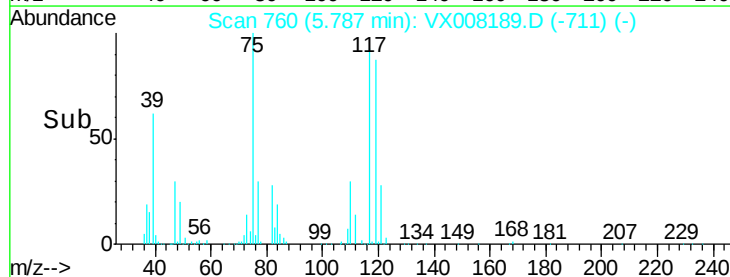
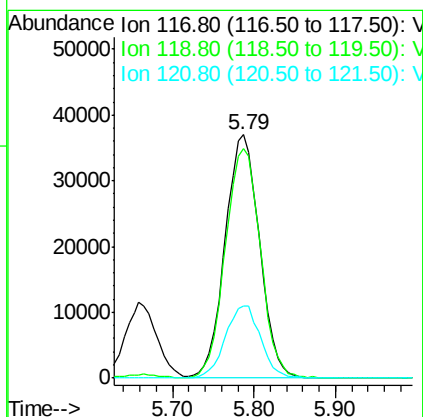
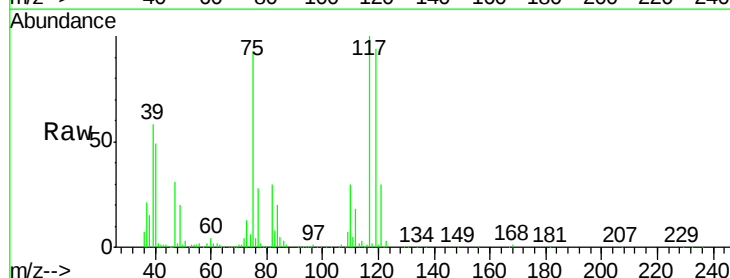
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

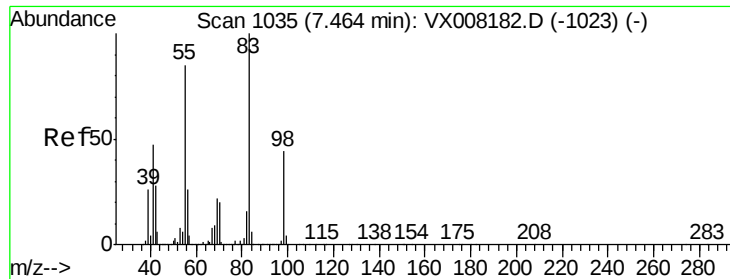
Tot Ion: 43 Resp: 145817
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.491 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 117 Resp: 108048
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2
121 29.6 24.6 36.8

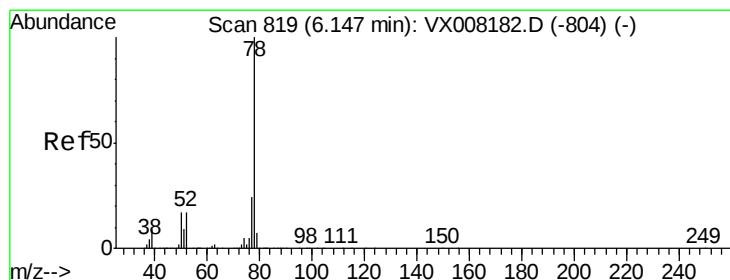
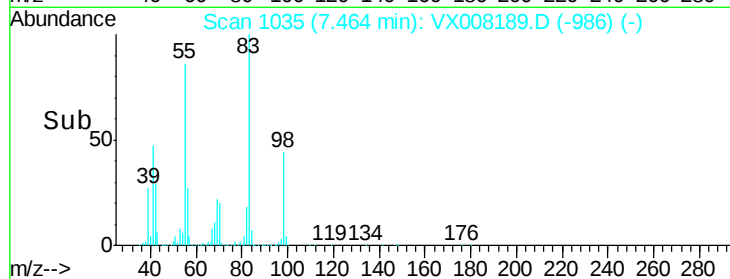
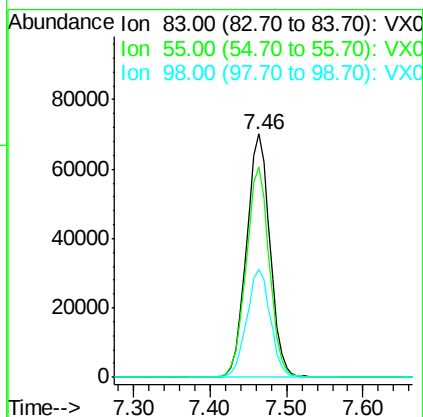
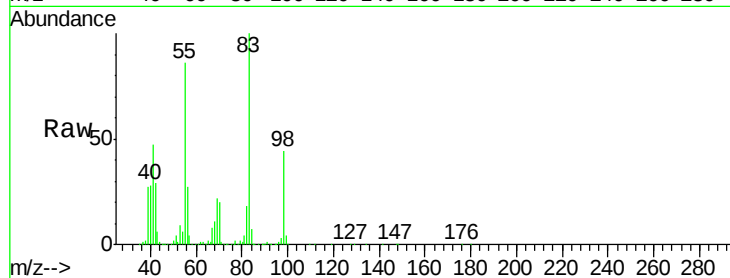




#39
Methvlcvclohexane
Concen: 21.048 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

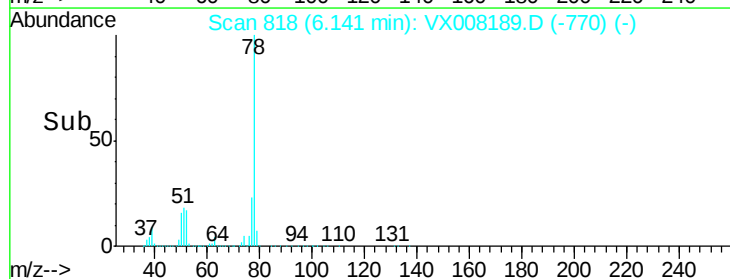
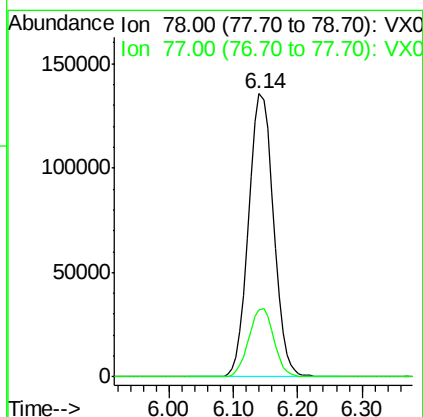
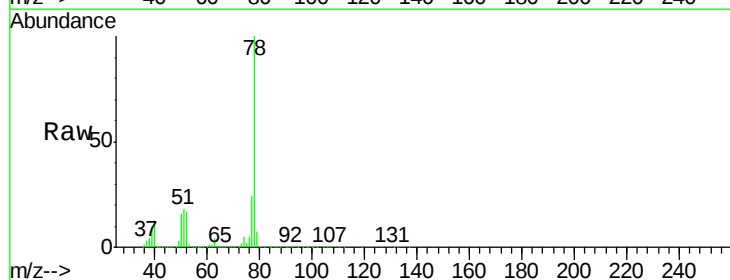
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

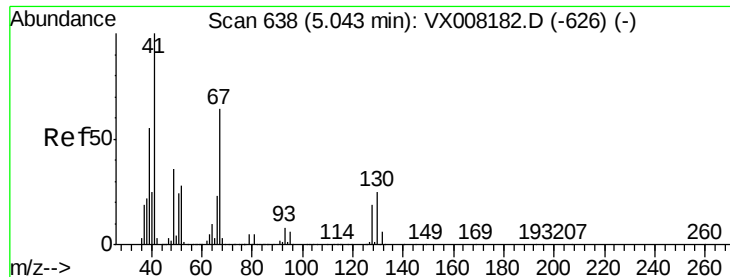
Tot Ion	83.00	Resp	149892
Ion	Ratio	Lower	Upper
83	100		
55	86.2	60.4	90.6
98	44.4	36.5	54.7



#40
Benzene
Concen: 20.565 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion	78.00	Resp	360205
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

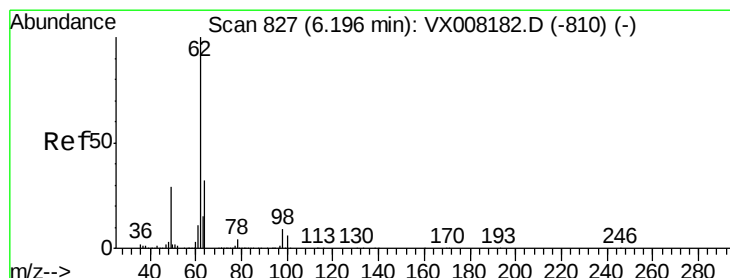
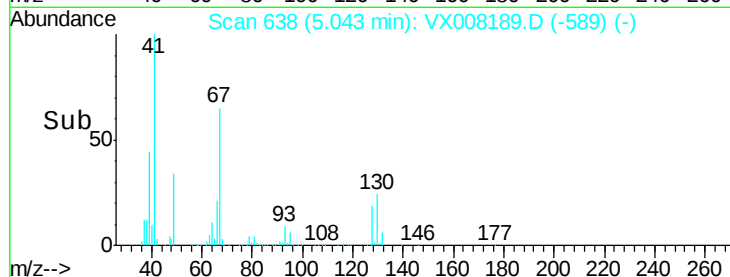
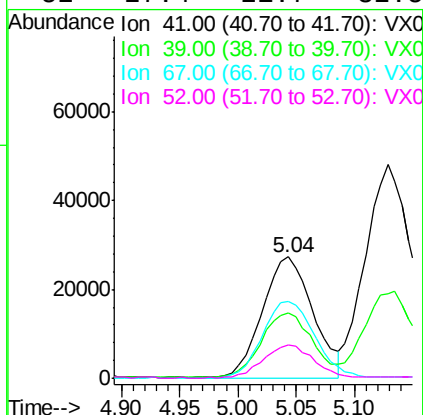
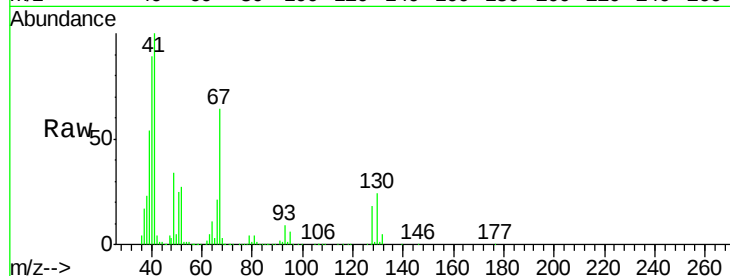




#41
Methacrylonitrile
Concen: 20.820 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

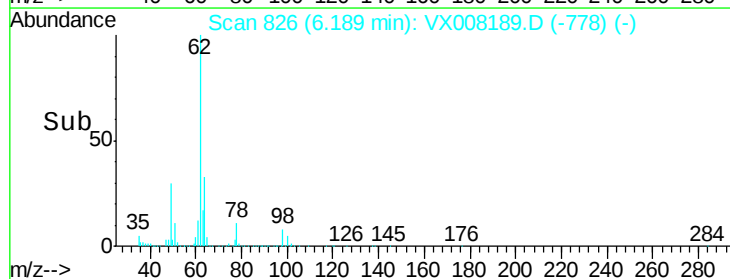
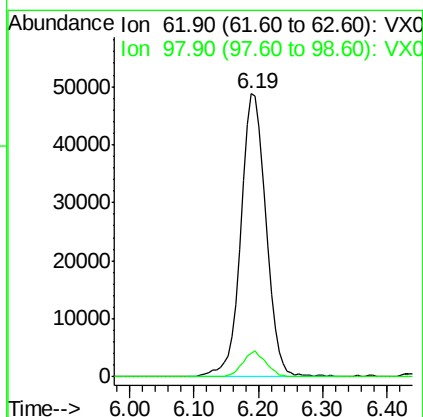
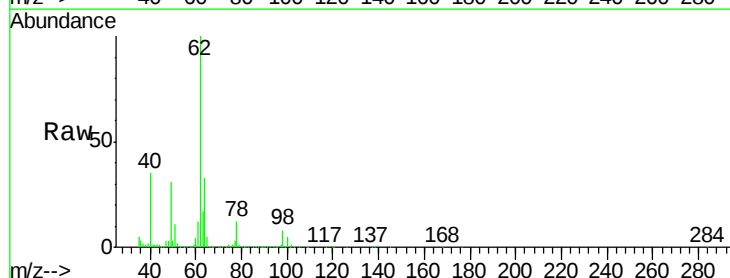
Instrument :
MSVOA_X
ClientSampled :
VX0319WBS01

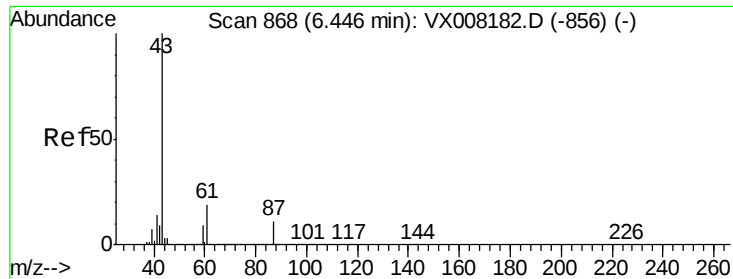
Tot Ion:	41	Resp:	81696
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.6	62.4
67	66.2	55.8	83.6
52	27.4	21.7	32.5



#42
1,2-Dichloroethane
Concen: 20.472 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:	62	Resp:	131359
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



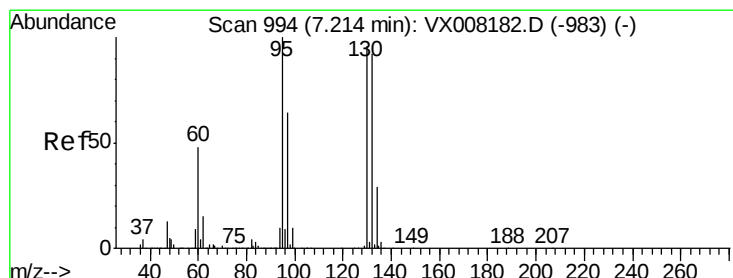
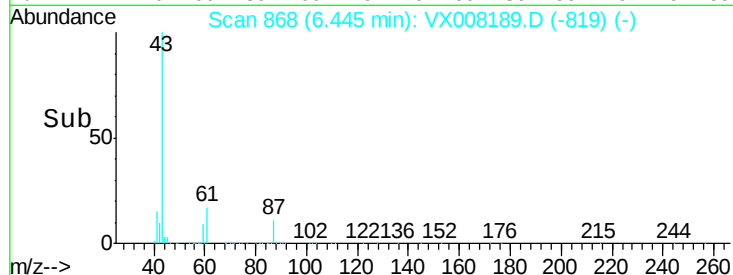
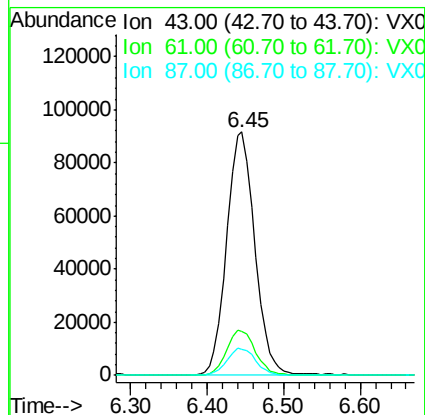
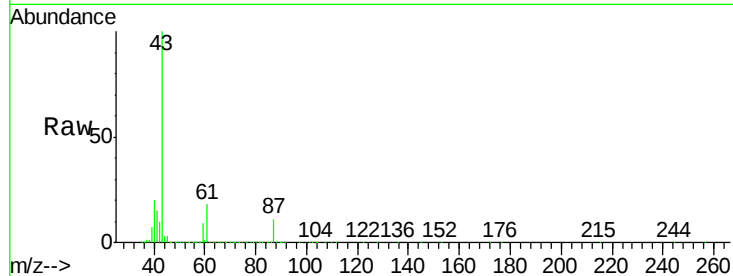


#43

Isopropyl Acetate
 Concen: 20.709 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

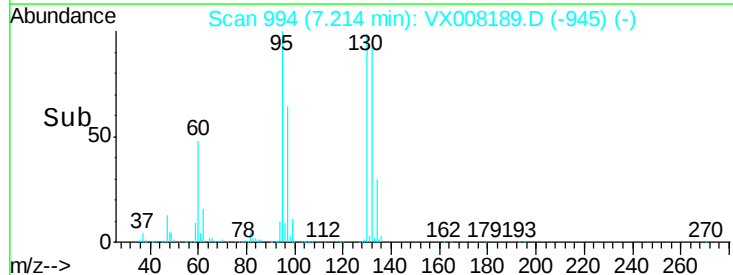
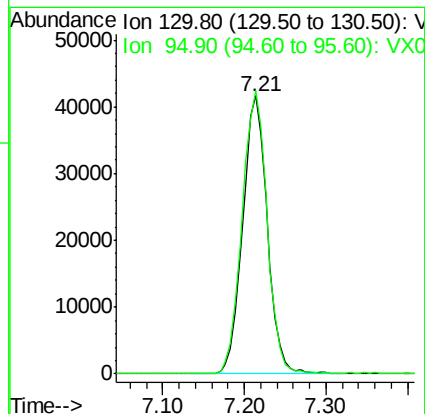
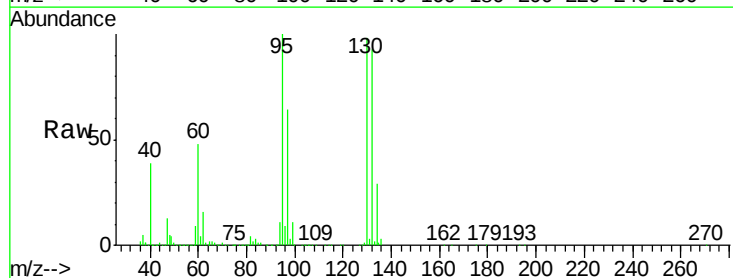
Tot Ion: 43 Resp: 232211
 Ion Ratio Lower Upper
 43 100
 61 19.2 16.3 24.5
 87 11.5 10.5 15.7

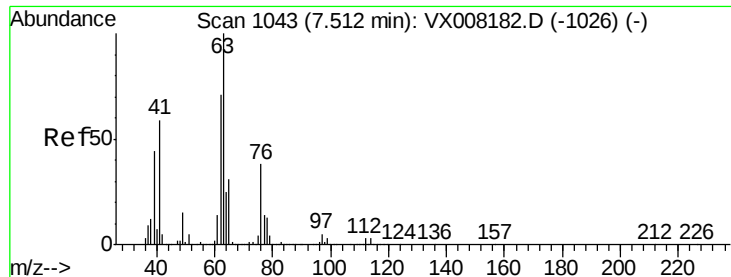


#44

Trichloroethene
 Concen: 20.268 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 130 Resp: 86803
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.161 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

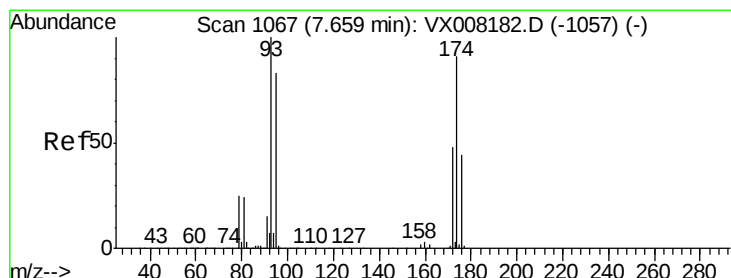
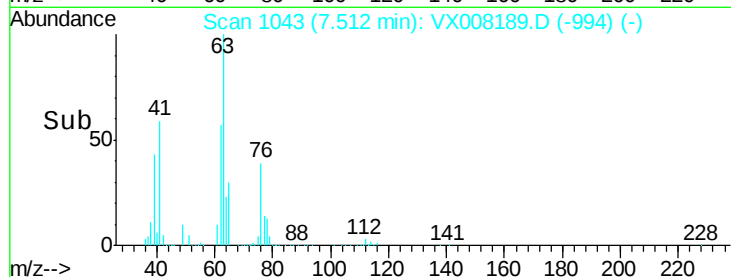
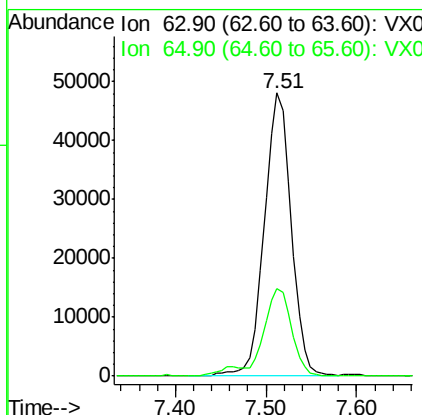
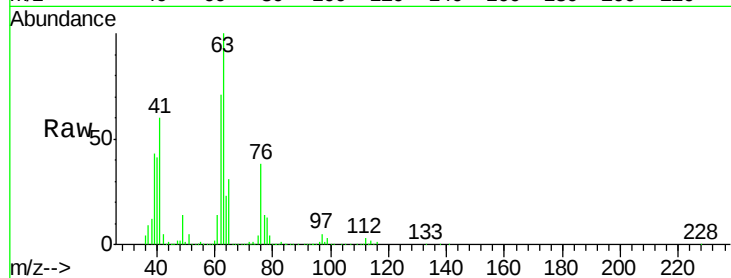
VX0319WBS01

Tot Ion: 63 Resp: 98854

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 19.826 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

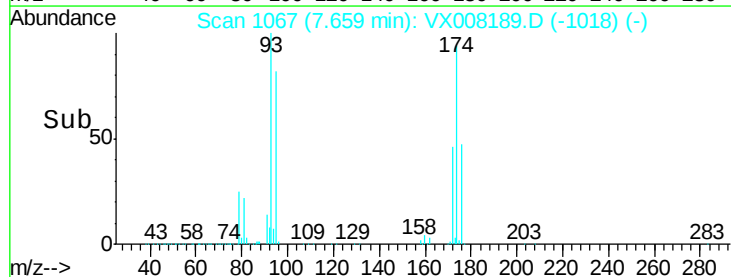
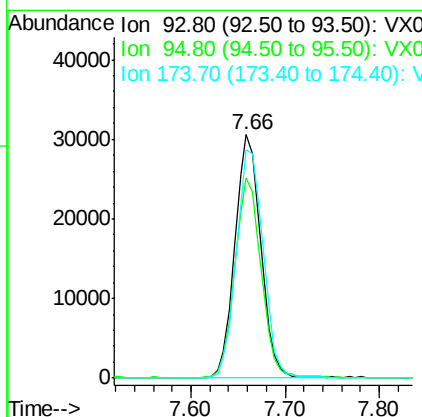
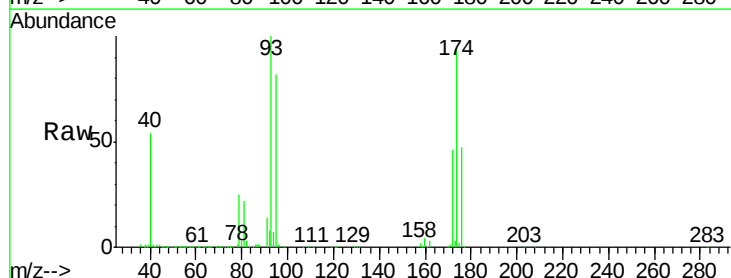
Tgt Ion: 93 Resp: 58860

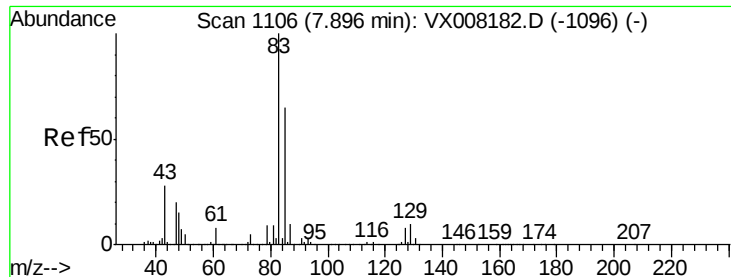
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 97.6 97.3 145.9





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

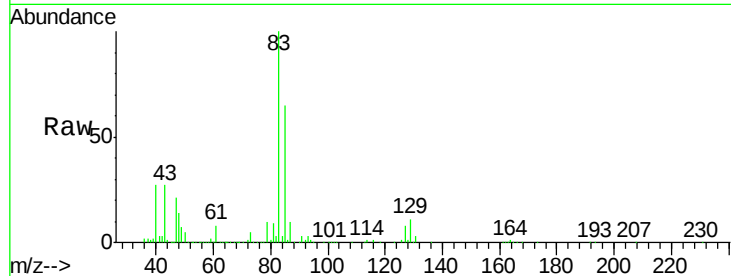
Tot Ion: 83 Resp: 114086

Ion Ratio Lower Upper

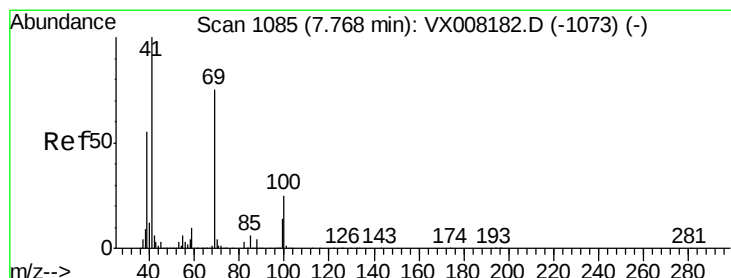
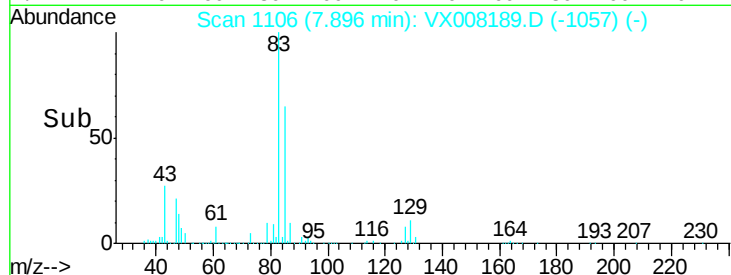
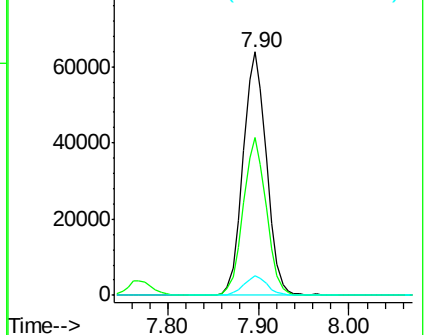
83 100

85 64.9 50.9 76.3

127 8.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.289 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

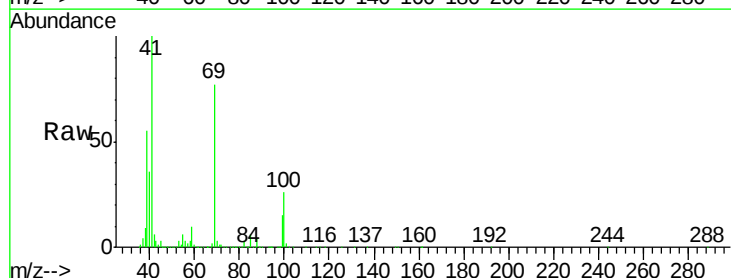
Tgt Ion: 41 Resp: 120968

Ion Ratio Lower Upper

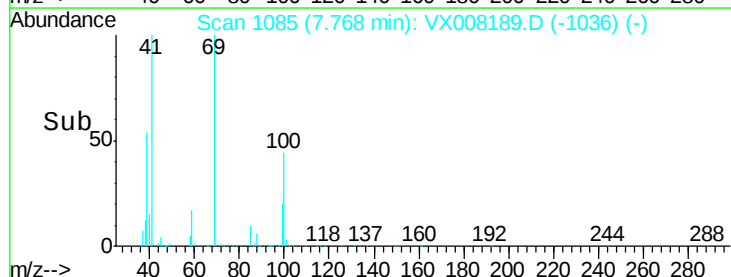
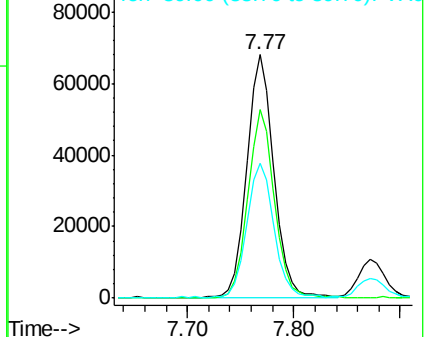
41 100

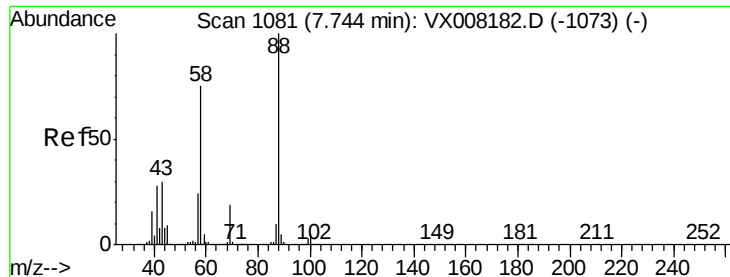
69 76.7 65.2 97.8

39 55.1 39.4 59.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 410.753 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

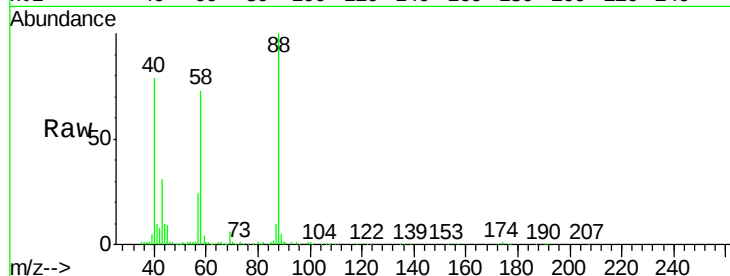
MSVOA_X

ClientSampleId :

VX0319WBS01

Tot Ion: 88 Resp: 43216

Ion	Ratio	Lower	Upper
88	100		
43	35.4	25.1	37.7
58	74.9	57.8	86.6



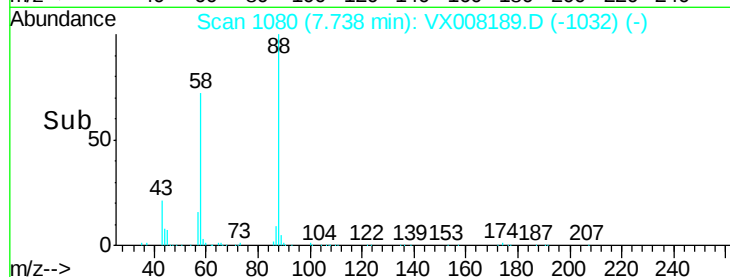
Abundance

Ion 88.00 (87.70 to 88.70): VX0

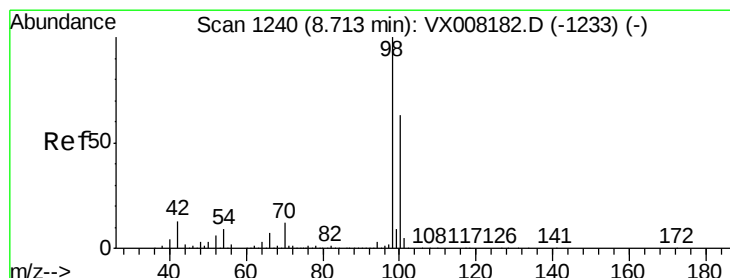
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 48.353 ug/l

RT: 8.71 min Scan# 1240

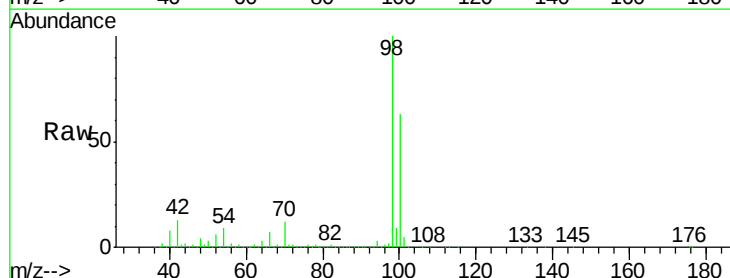
Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 98 Resp: 623789

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

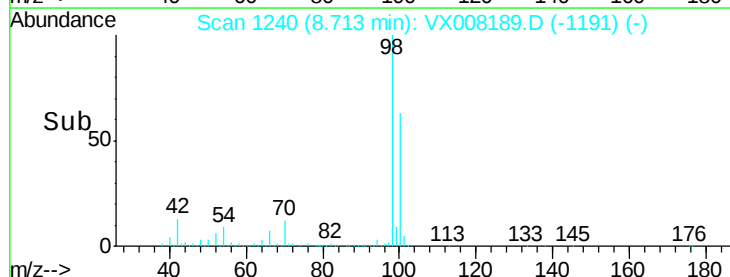


Abundance

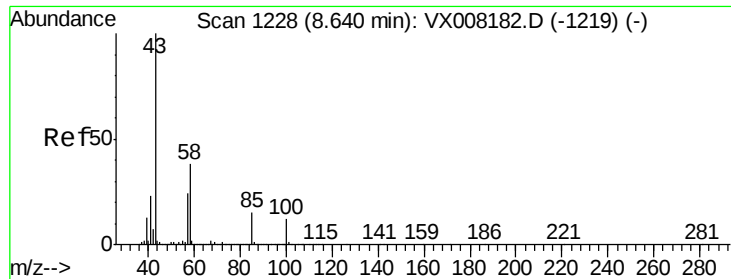
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 105.678 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

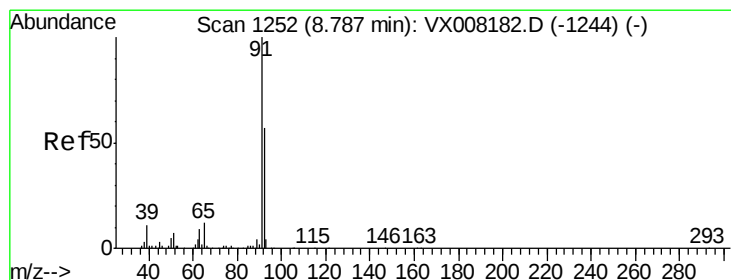
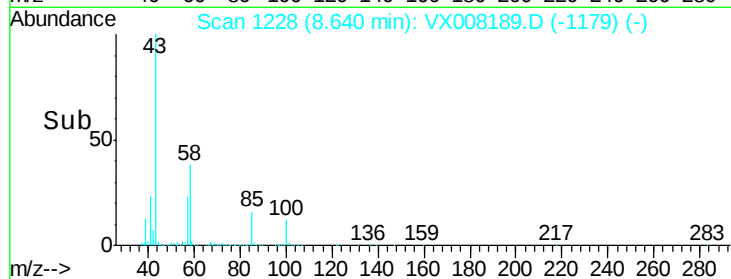
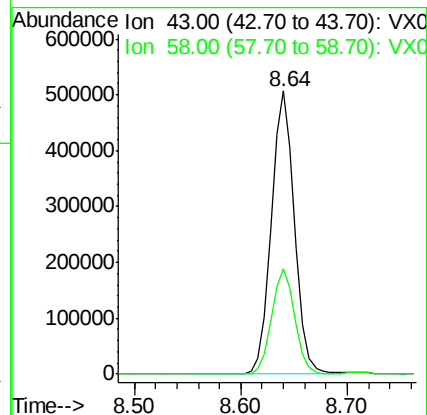
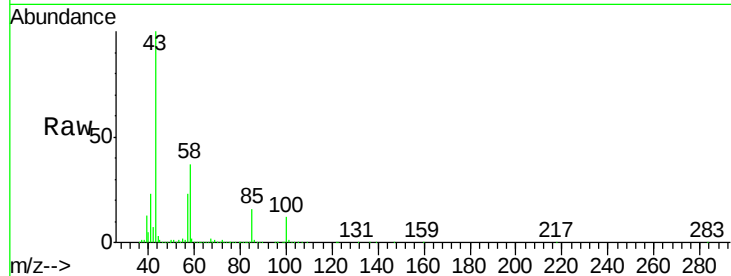
VX0319WBS01

Tot Ion: 43 Resp: 766073

Ion Ratio Lower Upper

43 100

58 37.4 31.3 46.9



#52

Toluene

Concen: 20.891 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008189.D

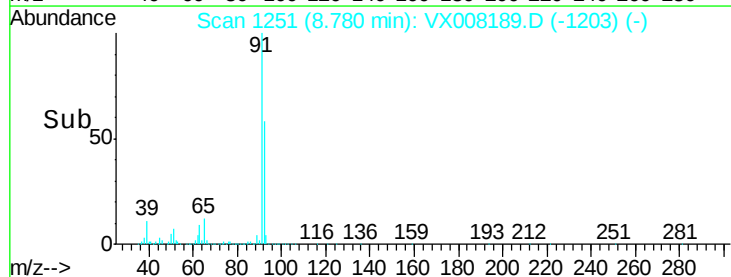
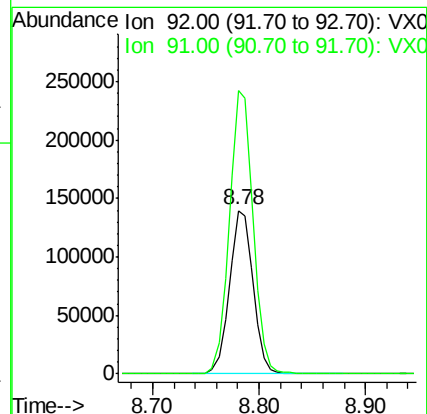
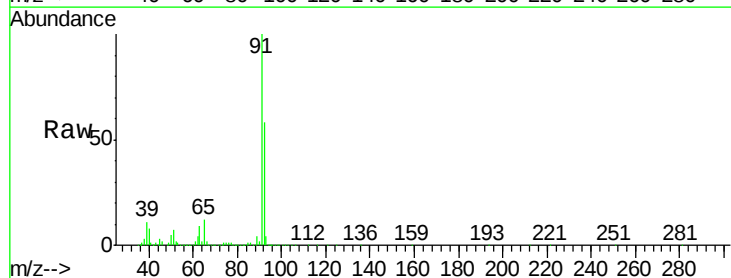
Acq: 19 Mar 2019 14:16

Tgt Ion: 92 Resp: 217086

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

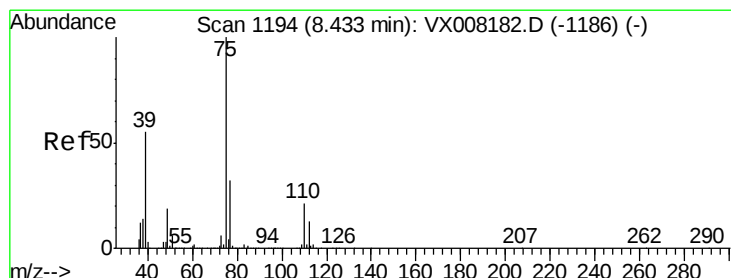
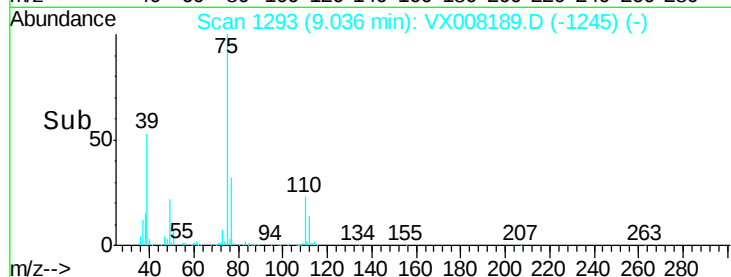
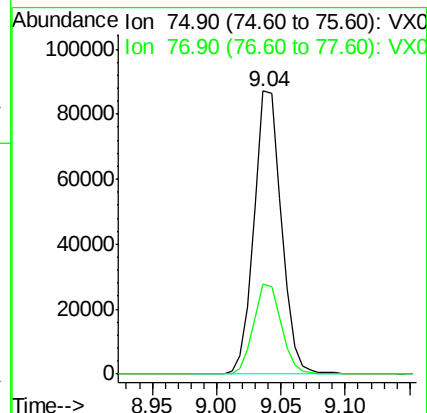
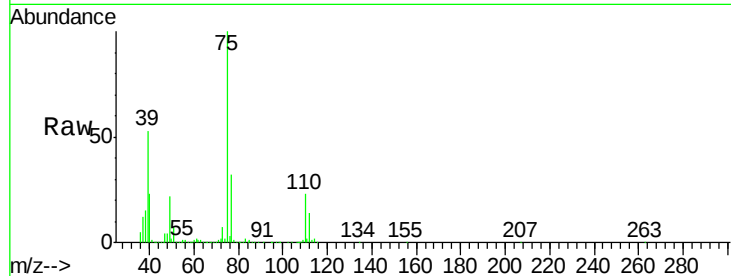
VX0319WBS01

Tot Ion: 75 Resp: 126839

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.325 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

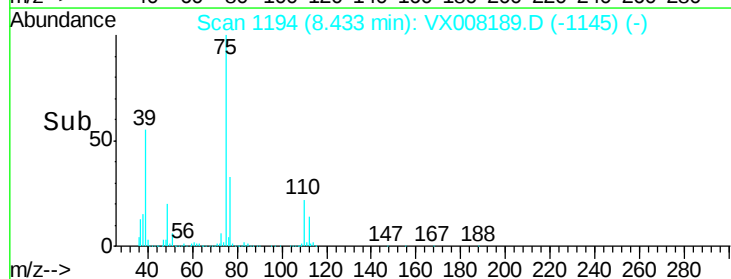
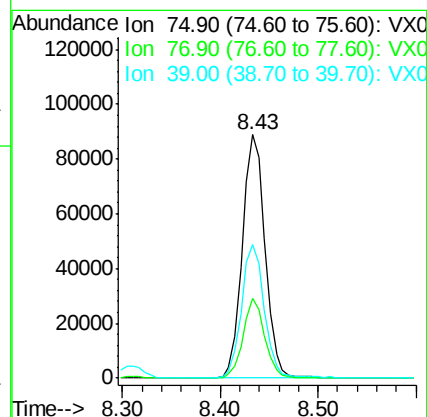
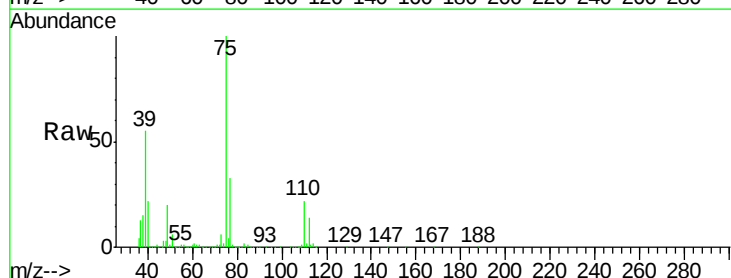
Tgt Ion: 75 Resp: 142714

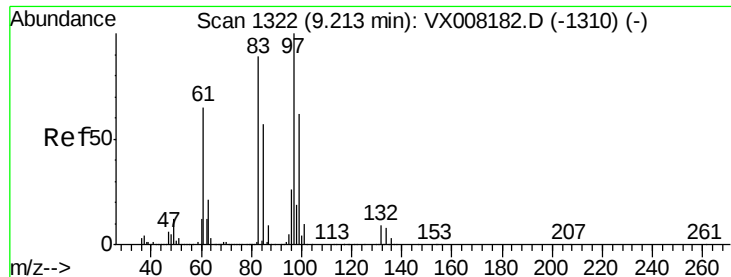
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 54.9 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 20.807 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

Tot Ion: 97 Resp: 87356

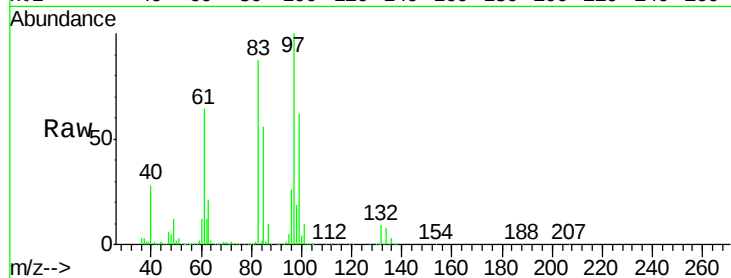
Ion Ratio Lower Upper

97 100

83 87.4 69.1 103.7

85 56.0 44.3 66.5

99 61.6 49.8 74.8

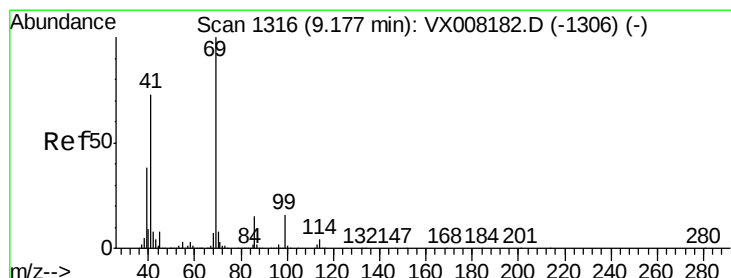
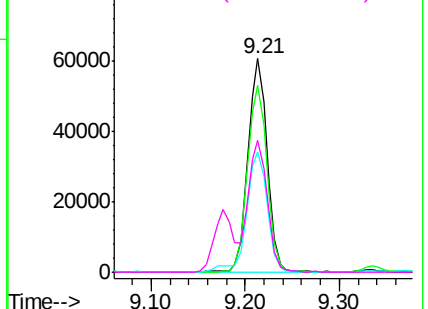
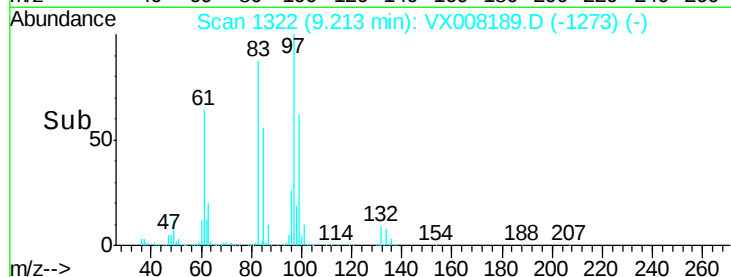


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.803 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

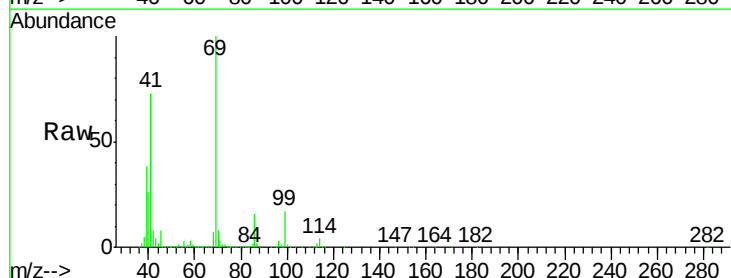
Tgt Ion: 69 Resp: 143469

Ion Ratio Lower Upper

69 100

41 72.9 54.2 81.4

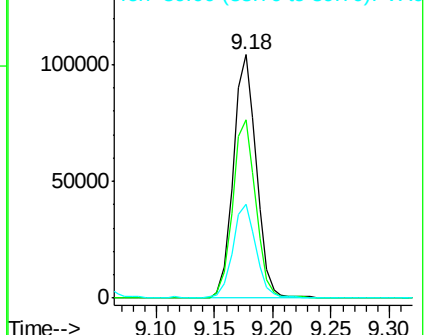
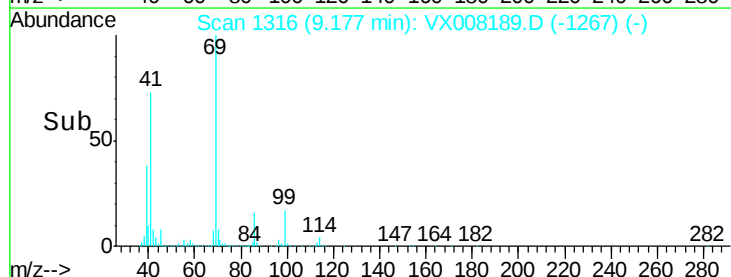
39 38.3 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.683 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

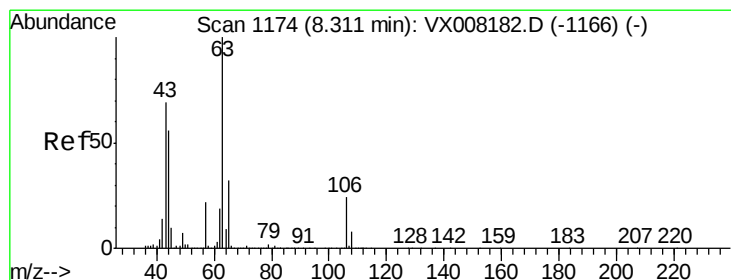
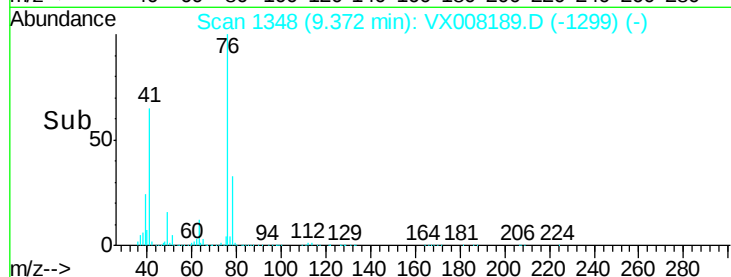
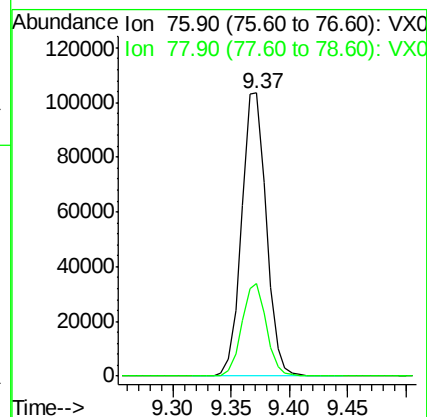
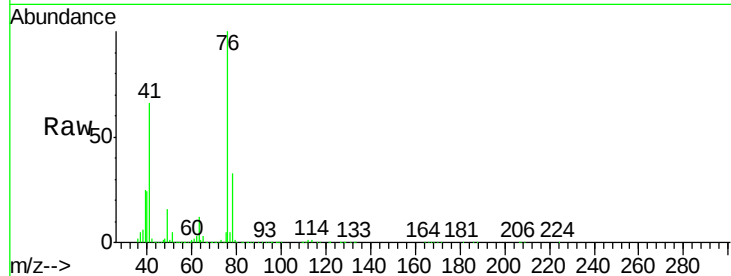
VX0319WBS01

Tot Ion: 76 Resp: 153615

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.267 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008189.D

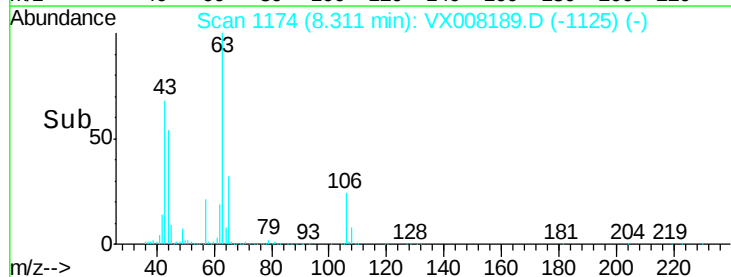
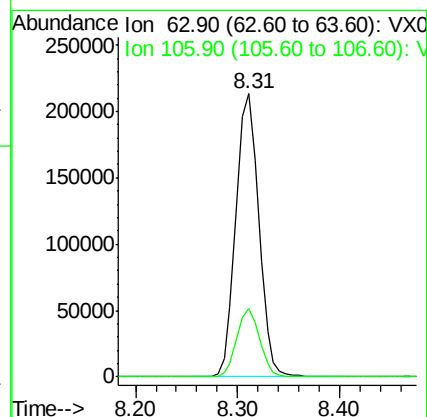
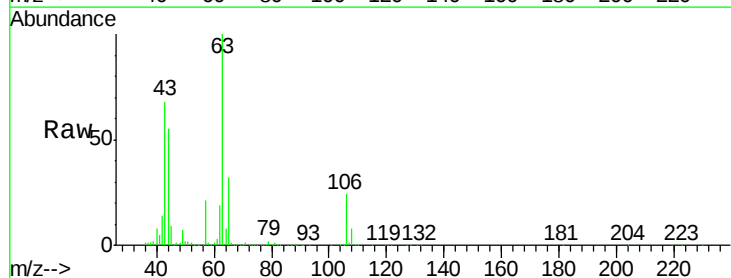
Acq: 19 Mar 2019 14:16

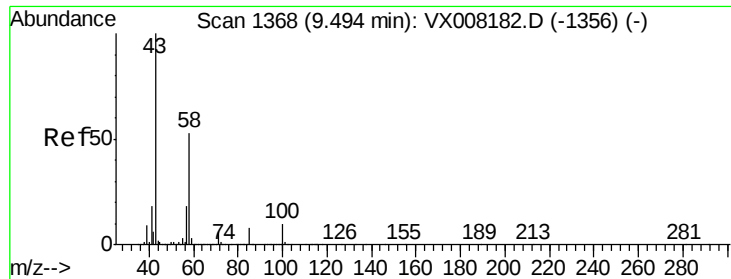
Tgt Ion: 63 Resp: 331152

Ion Ratio Lower Upper

63 100

106 24.2 22.2 33.2

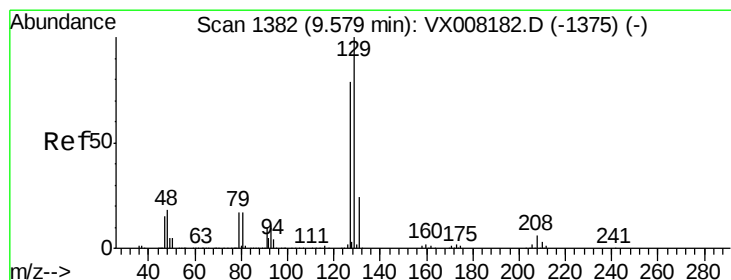
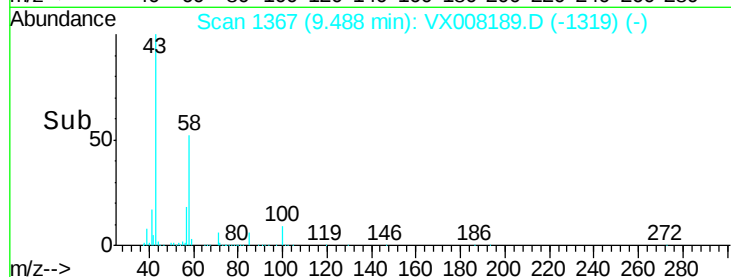
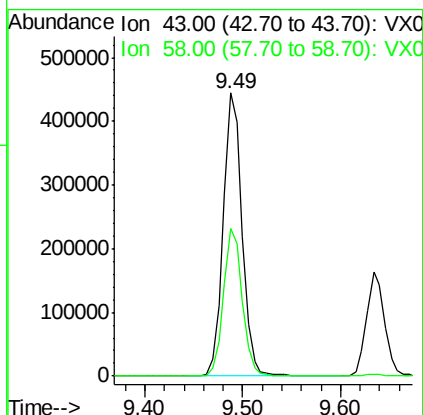
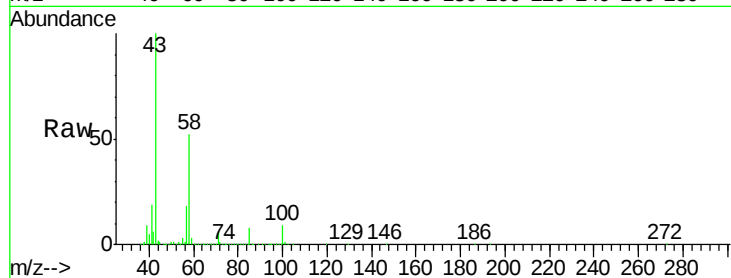




#59
2-Hexanone
Concen: 106.050 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

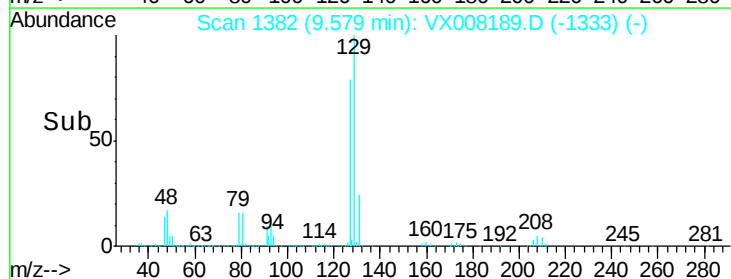
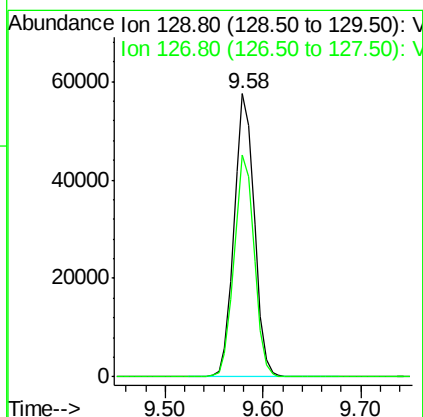
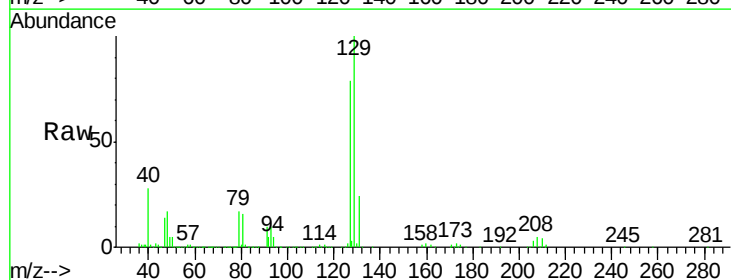
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

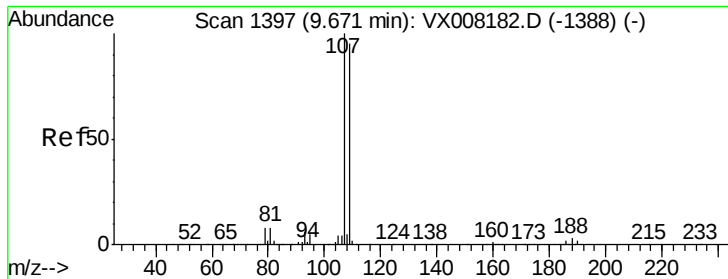
Tot Ion: 43 Resp: 591862
Ion Ratio Lower Upper
43 100
58 52.1 27.6 82.7



#60
Dibromochloromethane
Concen: 20.477 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion: 129 Resp: 82622
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

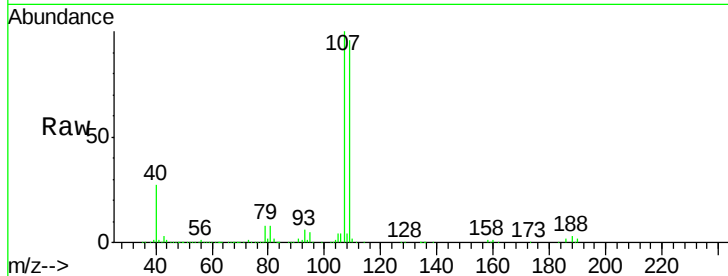
VX0319WBS01

Tot Ion:107 Resp: 89332

Ion Ratio Lower Upper

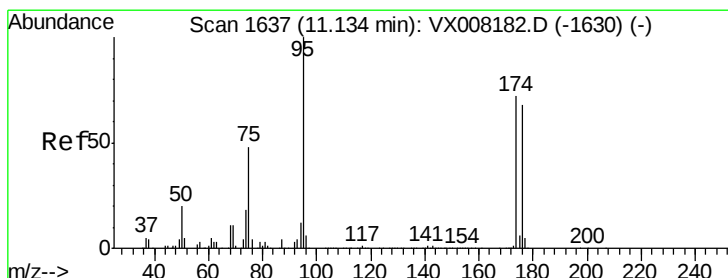
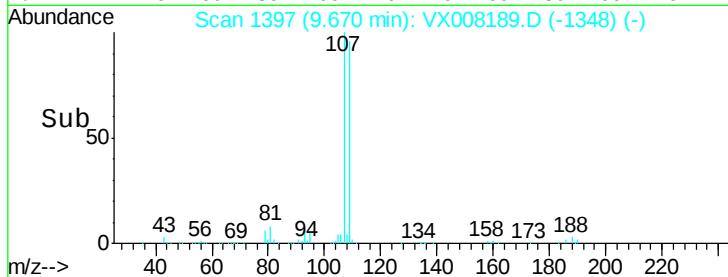
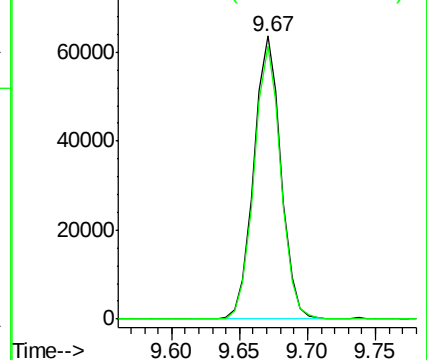
107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.284 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

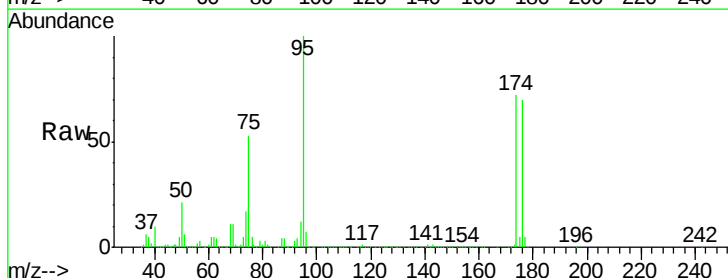
Tgt Ion: 95 Resp: 223359

Ion Ratio Lower Upper

95 100

174 76.9 0.0 182.8

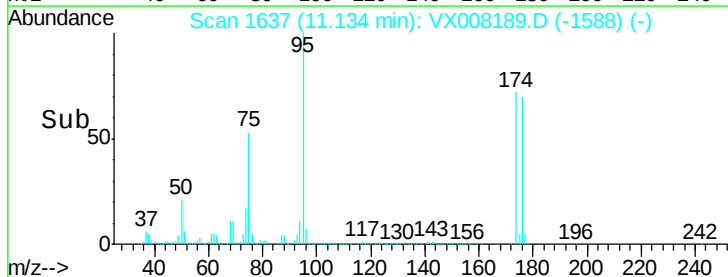
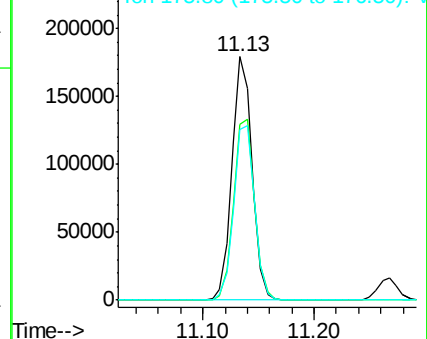
176 74.7 0.0 178.0

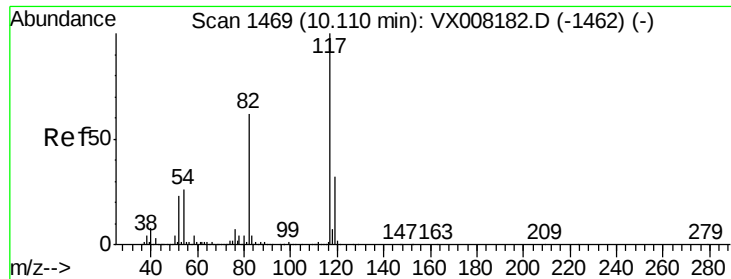


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

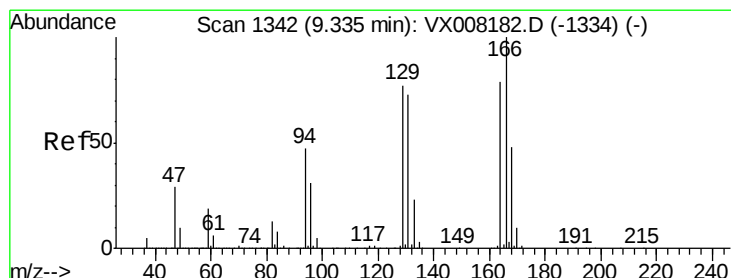
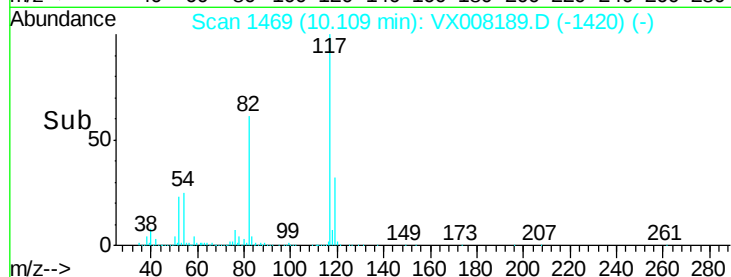
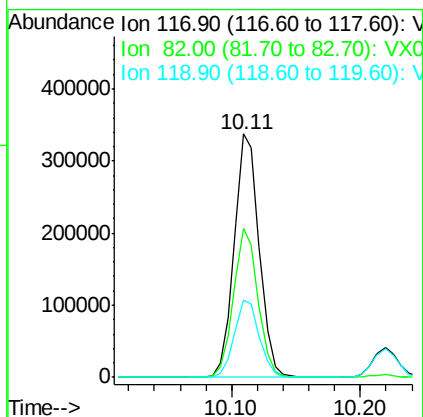
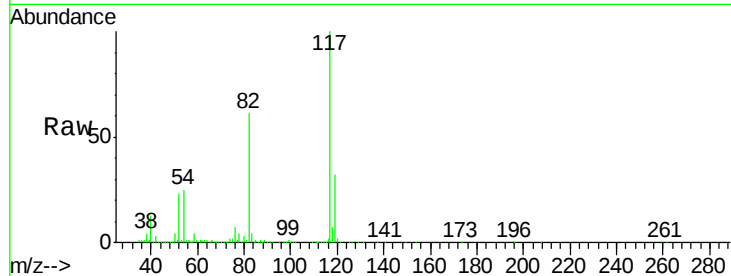




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

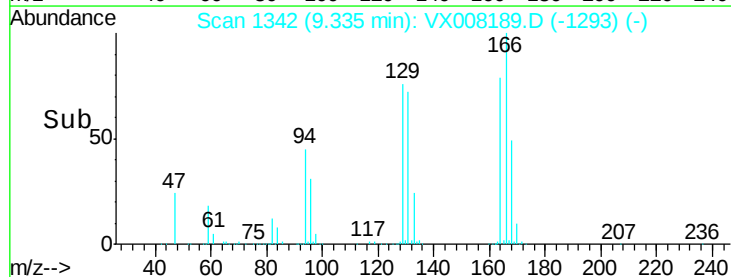
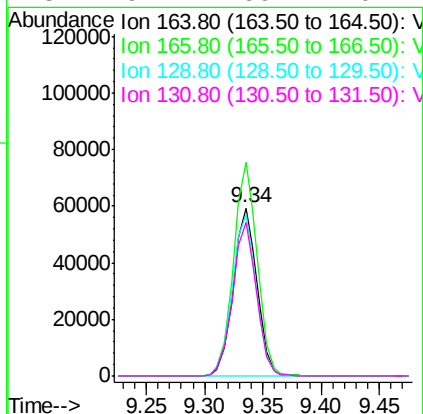
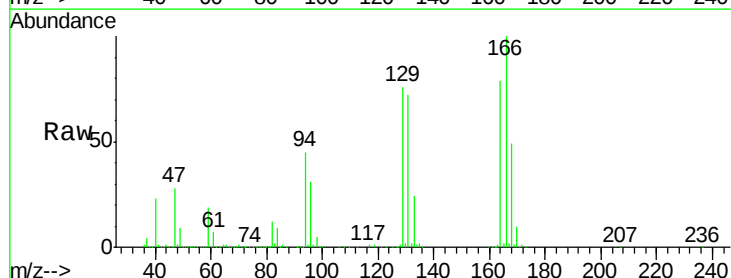
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

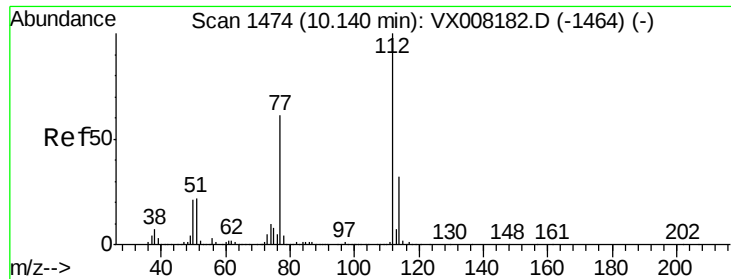
Tot Ion:117 Resp: 454700
Ion Ratio Lower Upper
117 100
82 61.0 44.3 66.5
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 20.452 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:164 Resp: 83901
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 96.1 72.2 108.4
131 91.1 69.4 104.2

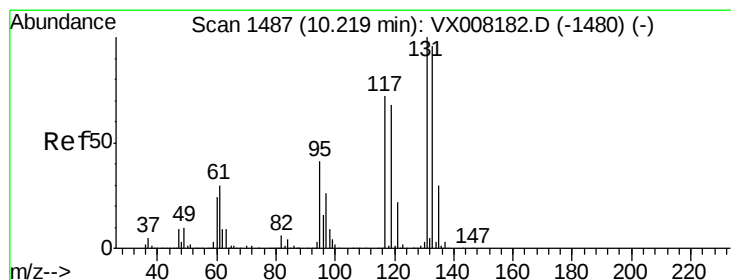
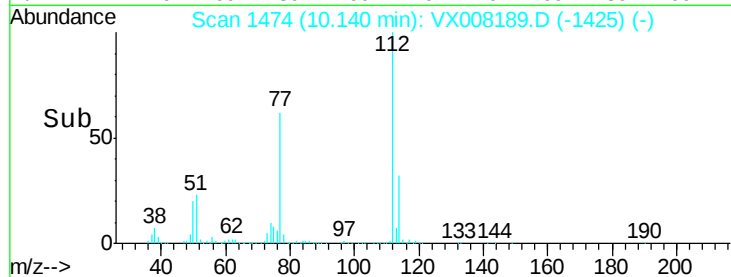
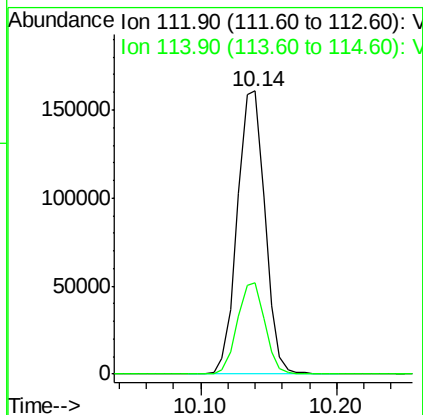
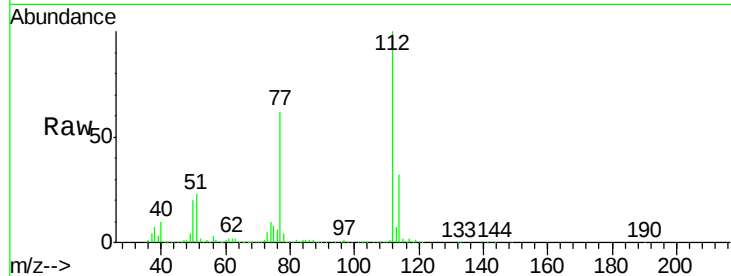




#65
Chlorobenzene
Concen: 20.385 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

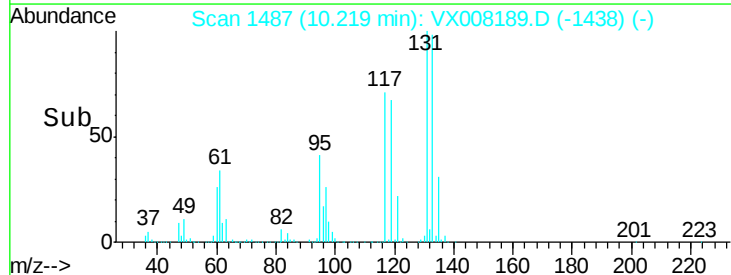
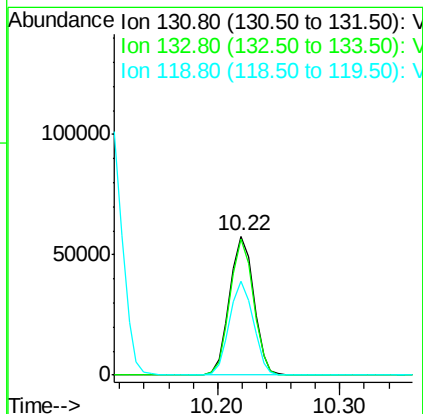
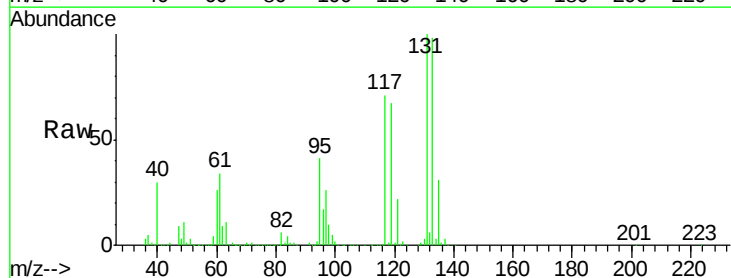
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

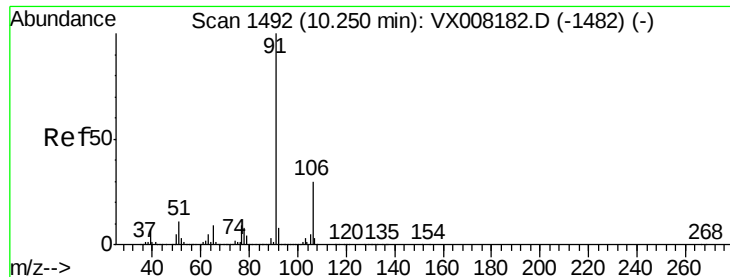
Tot Ion:112 Resp: 228076
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.241 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:131 Resp: 78959
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 66.9 32.5 97.5





#67

Ethyl Benzene

Concen: 20.762 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

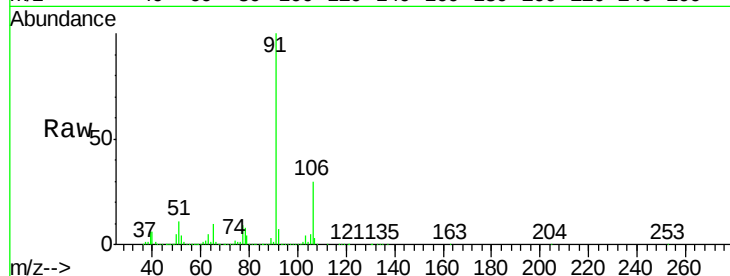
VX0319WBS01

Tot Ion: 91 Resp: 409350

Ion Ratio Lower Upper

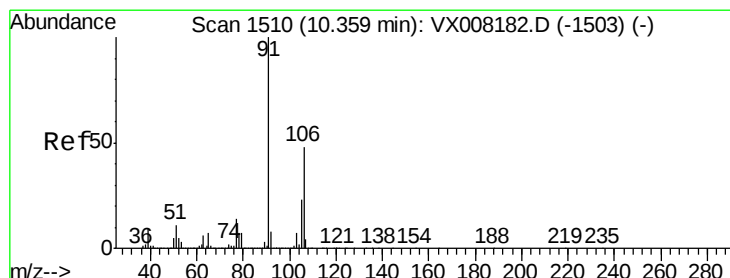
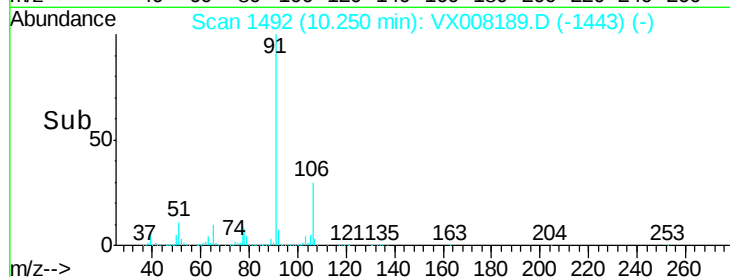
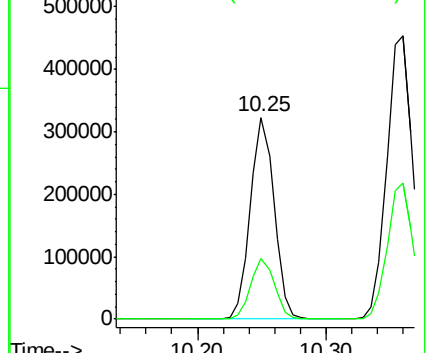
91 100

106 30.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.337 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008189.D

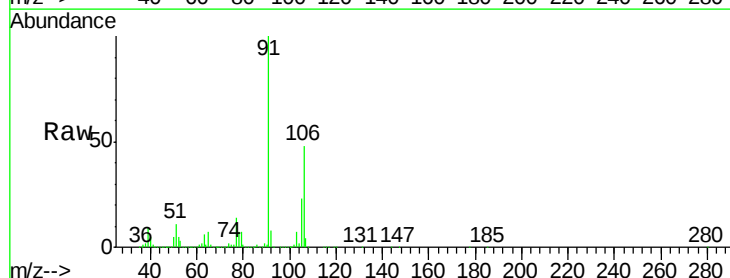
Acq: 19 Mar 2019 14:16

Tgt Ion: 106 Resp: 299382

Ion Ratio Lower Upper

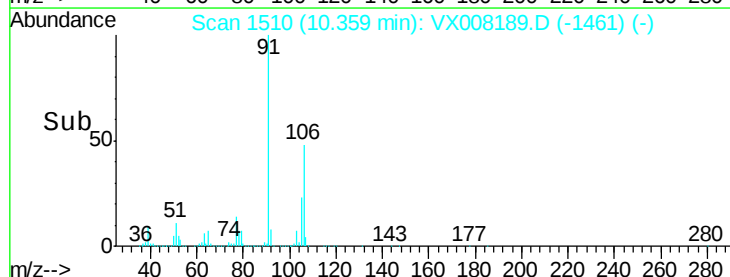
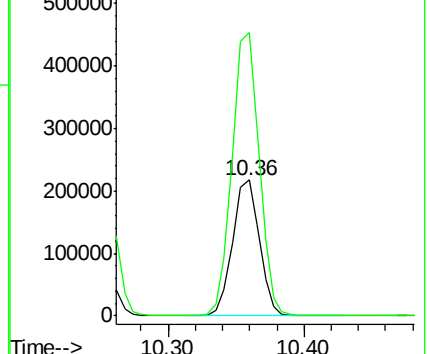
106 100

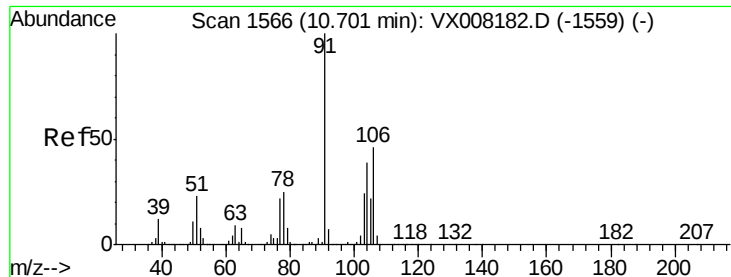
91 211.0 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

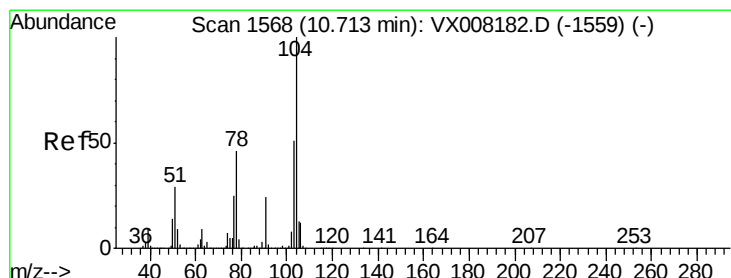
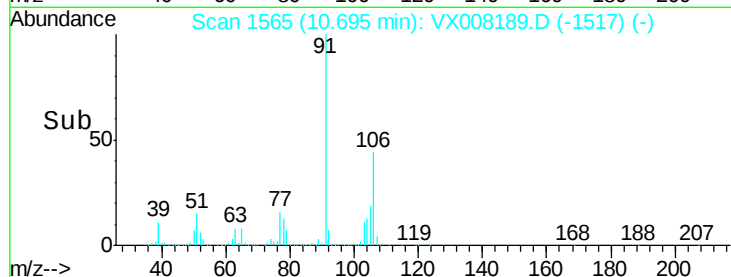
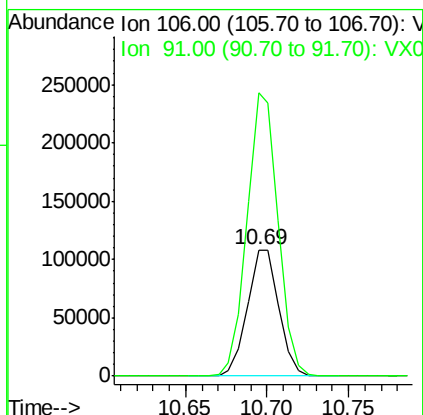
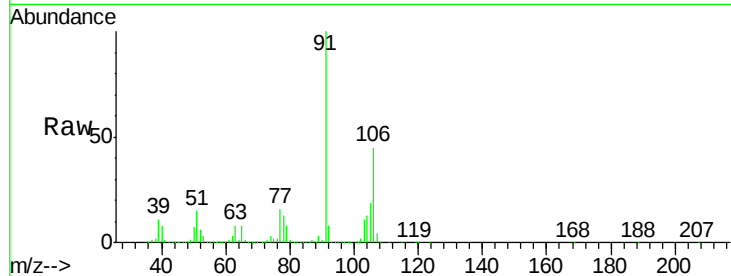




#69
o-Xylene
Concen: 20.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

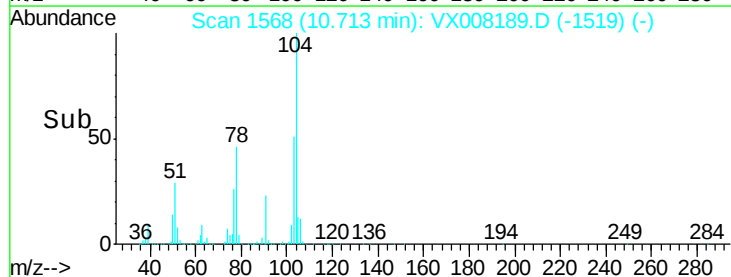
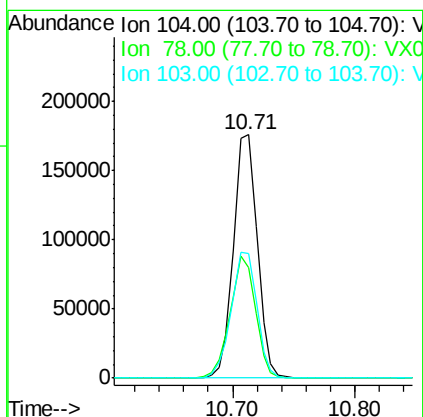
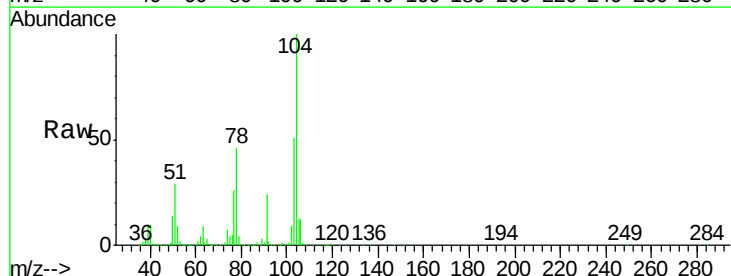
Instrument :
MSVOA_X
ClientSampled :
VX0319WBS01

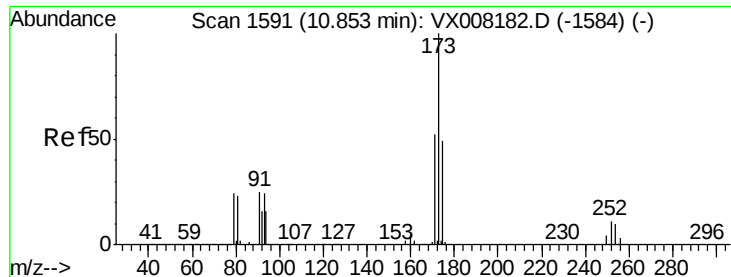
Tot Ion:106 Resp: 145515
Ion Ratio Lower Upper
106 100
91 221.0 106.3 318.9



#70
Styrene
Concen: 20.676 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:104 Resp: 236478
Ion Ratio Lower Upper
104 100
78 53.5 38.5 57.7
103 56.3 44.1 66.1





#71

Bromoform

Concen: 19.139 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

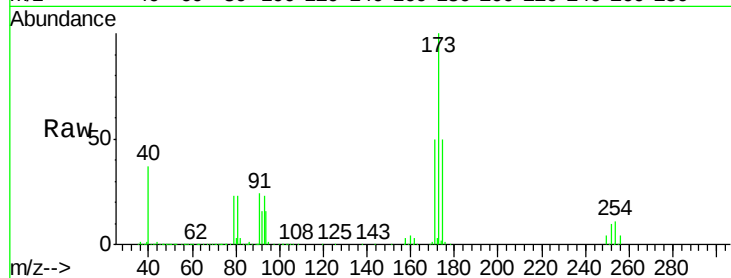
Tot Ion:173 Resp: 59549

Ion Ratio Lower Upper

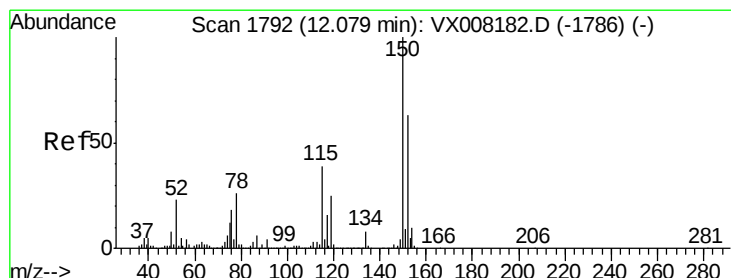
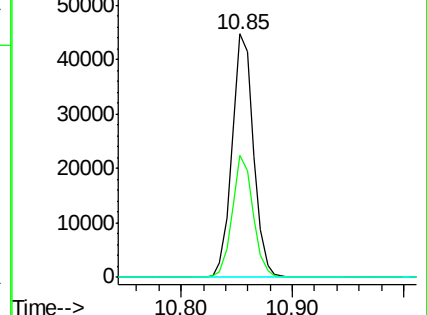
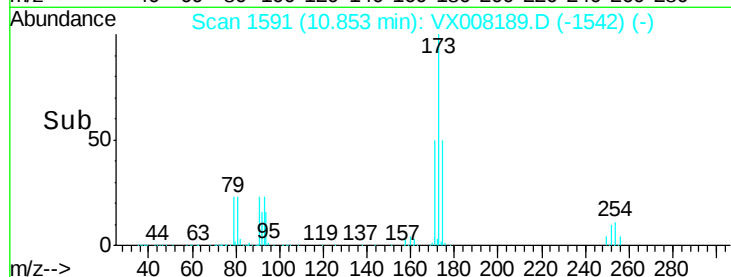
173 100

175 48.7 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

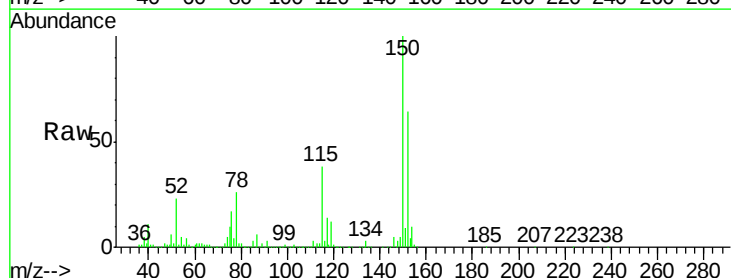
Tgt Ion:152 Resp: 215046

Ion Ratio Lower Upper

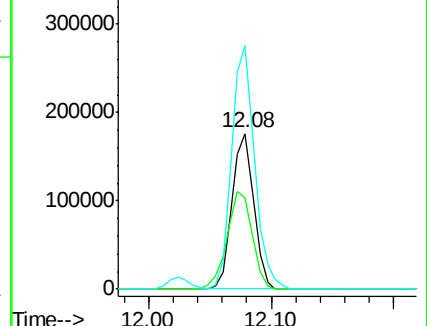
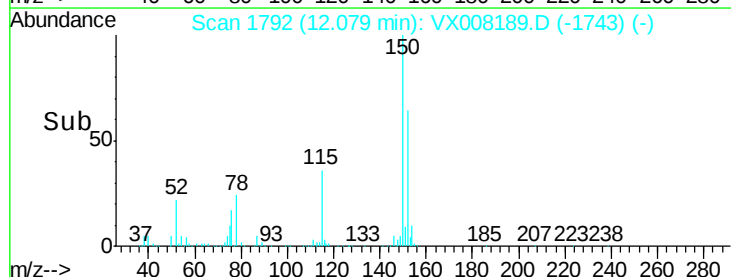
152 100

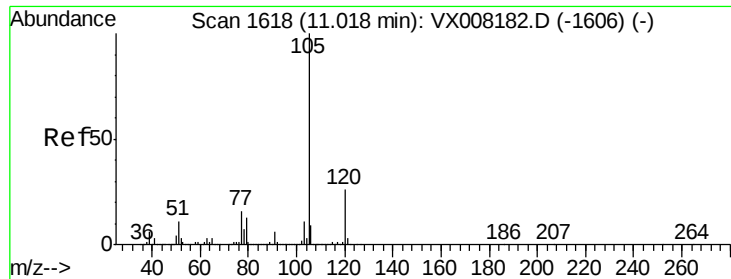
115 73.0 38.6 115.7

150 164.9 0.0 348.4



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: 20.741 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

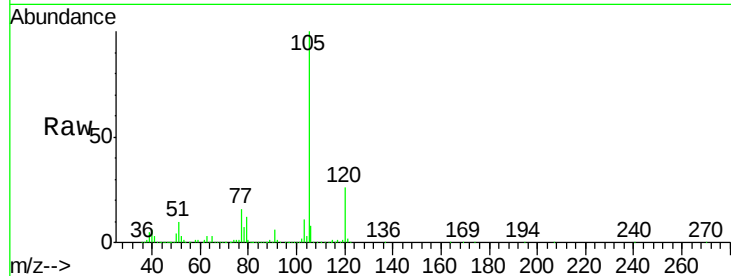
VX0319WBS01

Tot Ion:105 Resp: 397574

Ion Ratio Lower Upper

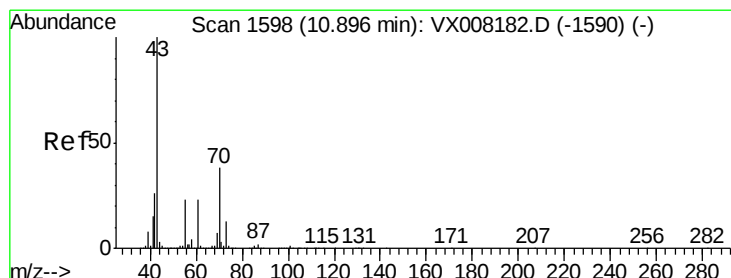
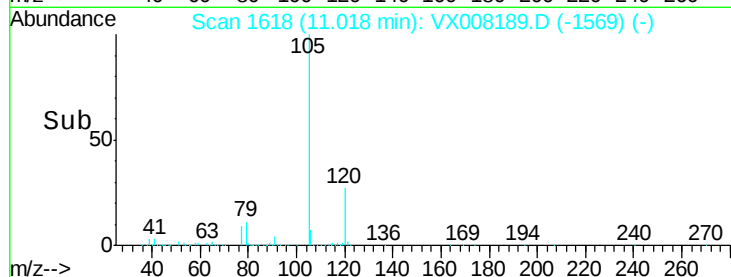
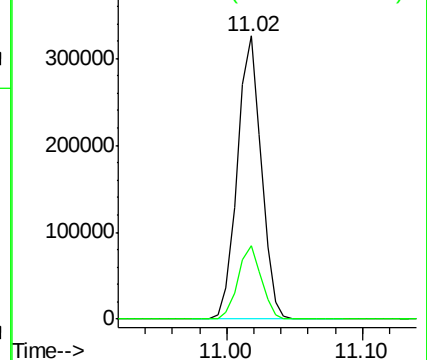
105 100

120 25.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.189 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Tgt Ion: 43 Resp: 202753

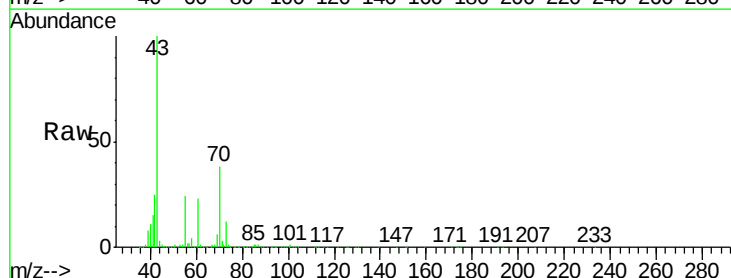
Ion Ratio Lower Upper

43 100

70 38.9 33.5 50.3

55 24.2 19.2 28.8

61 23.0 19.0 28.6

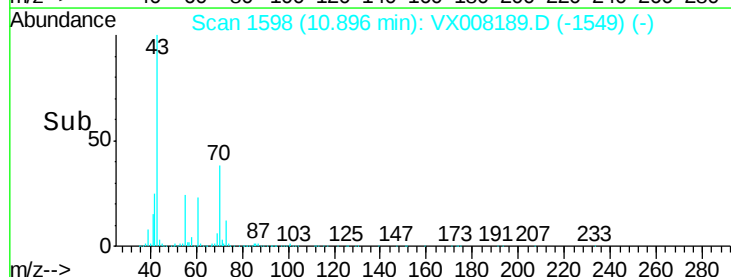
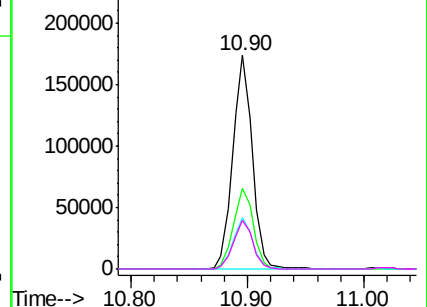


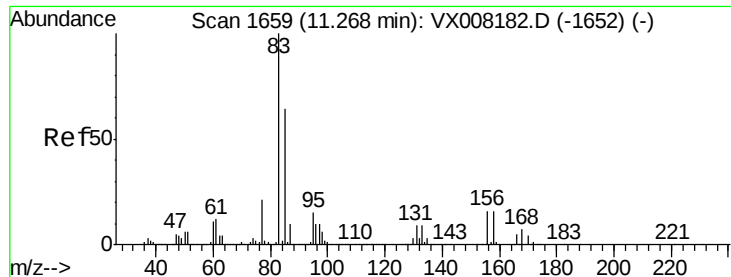
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

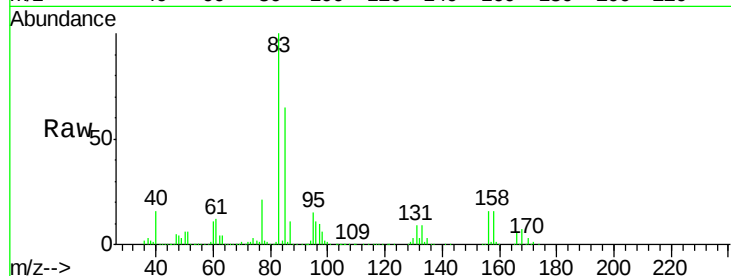
Tot Ion: 83 Resp: 137462

Ion Ratio Lower Upper

83 100

131 9.0 5.4 16.2

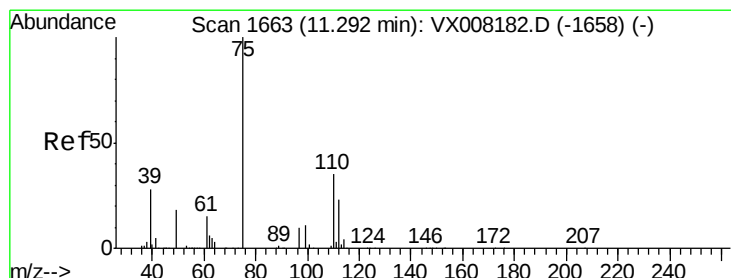
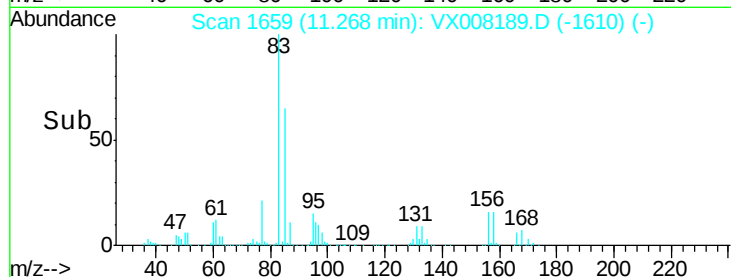
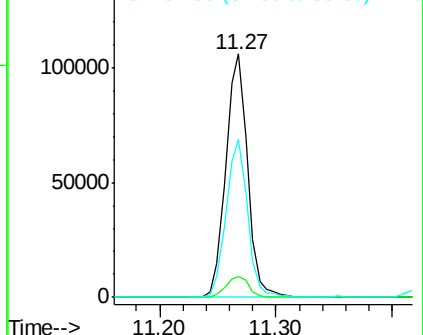
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.764 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008189.D

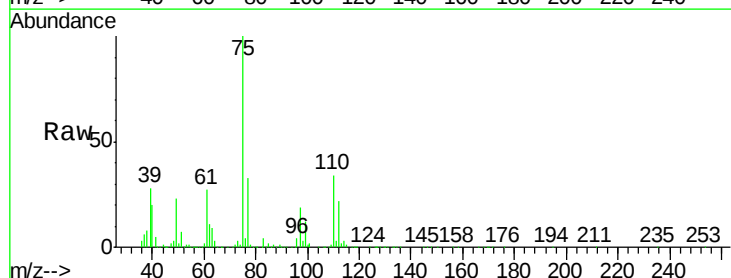
Acq: 19 Mar 2019 14:16

Tgt Ion: 75 Resp: 161880

Ion Ratio Lower Upper

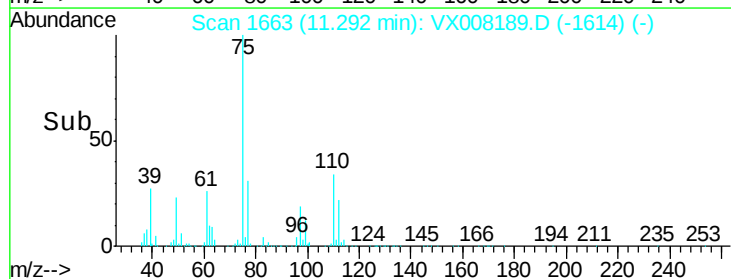
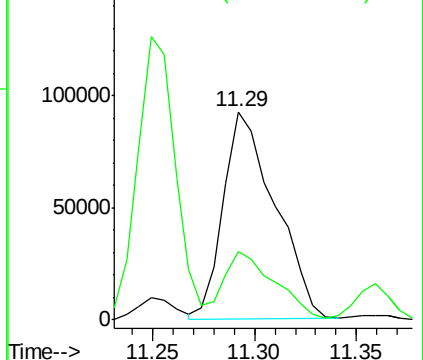
75 100

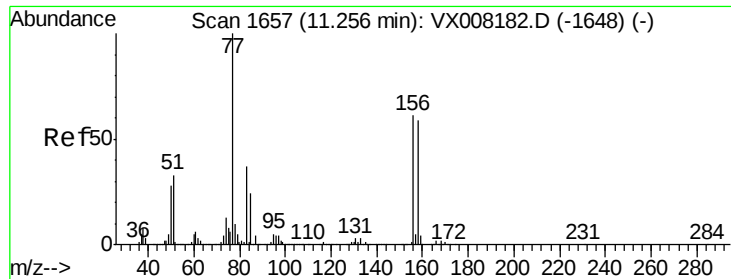
77 32.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

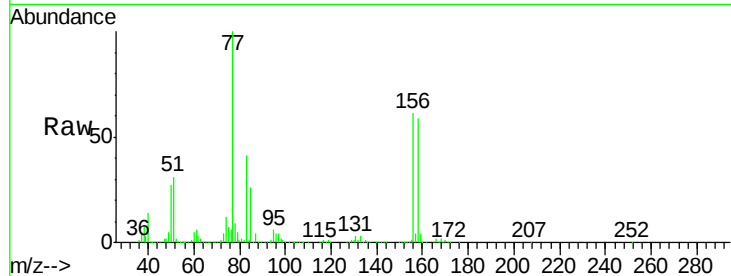
Tot Ion:156 Resp: 93481

Ion Ratio Lower Upper

156 100

77 174.2 72.0 215.9

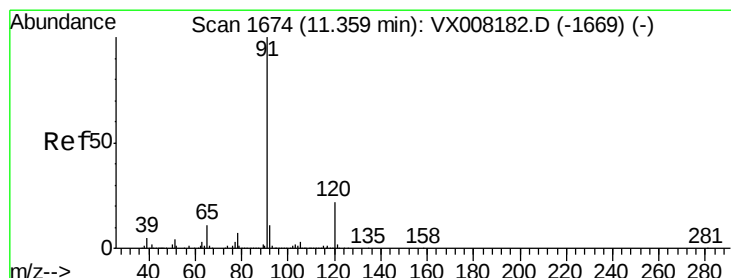
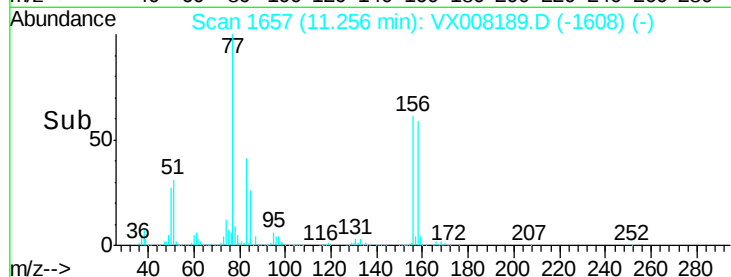
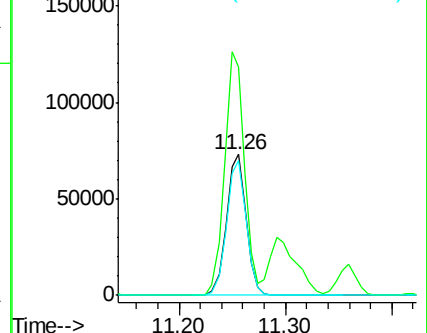
158 96.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.907 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008189.D

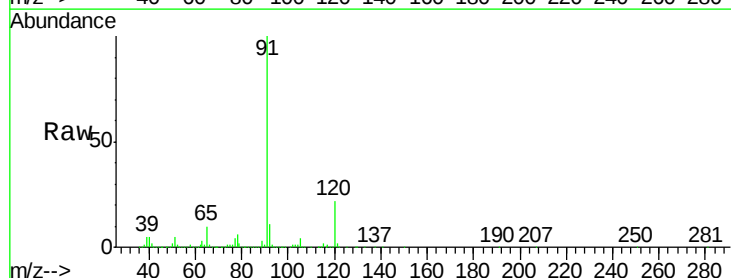
Acq: 19 Mar 2019 14:16

Tgt Ion: 91 Resp: 465463

Ion Ratio Lower Upper

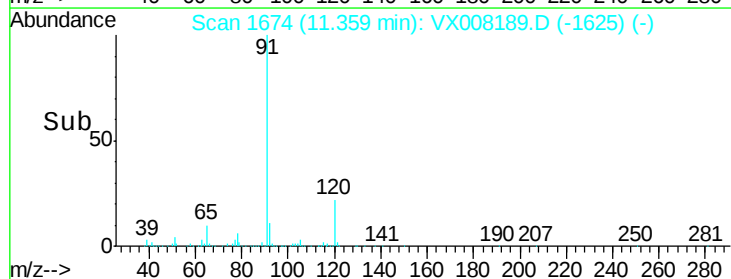
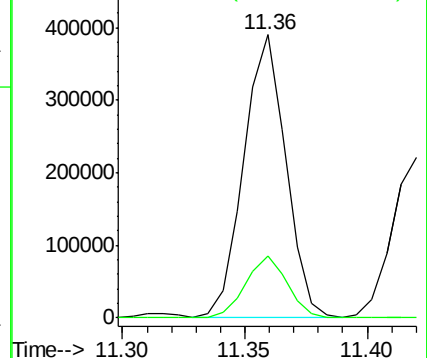
91 100

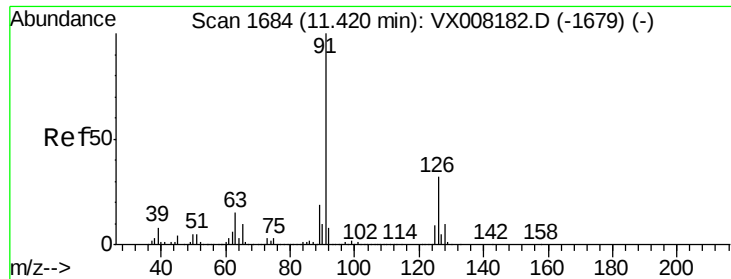
120 21.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.503 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

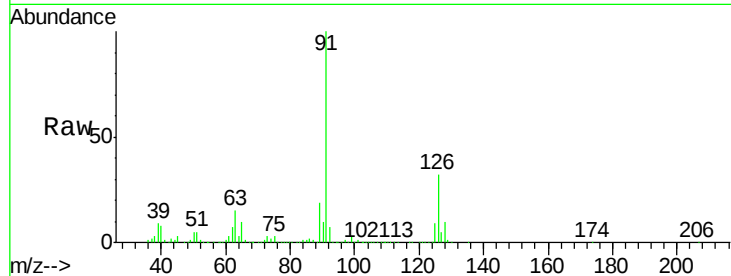
VX0319WBS01

Tot Ion: 91 Resp: 273972

Ion Ratio Lower Upper

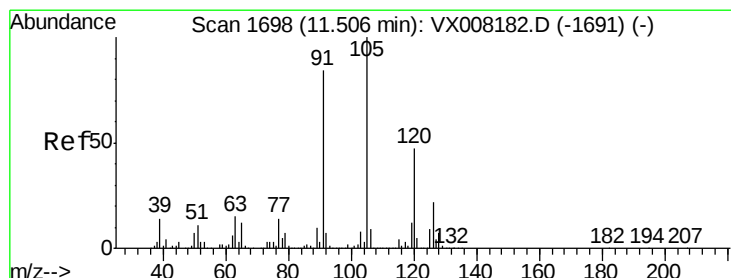
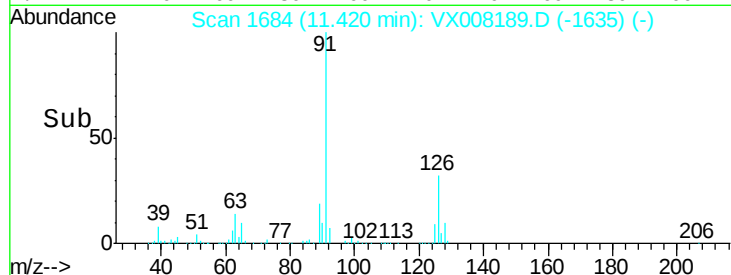
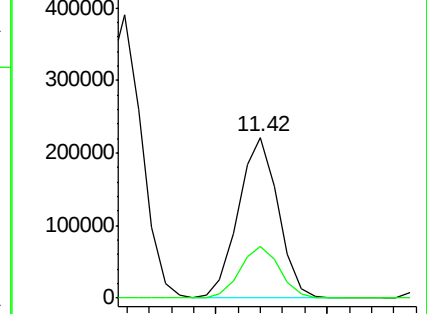
91 100

126 32.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.855 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008189.D

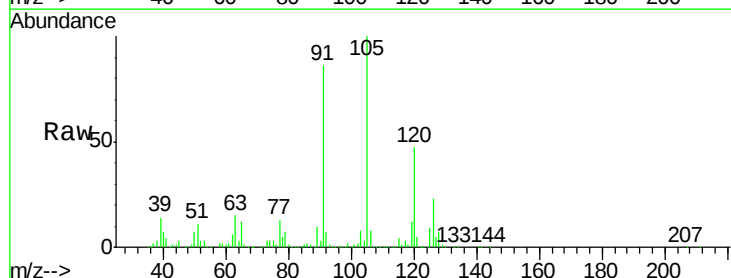
Acq: 19 Mar 2019 14:16

Tgt Ion:105 Resp: 330252

Ion Ratio Lower Upper

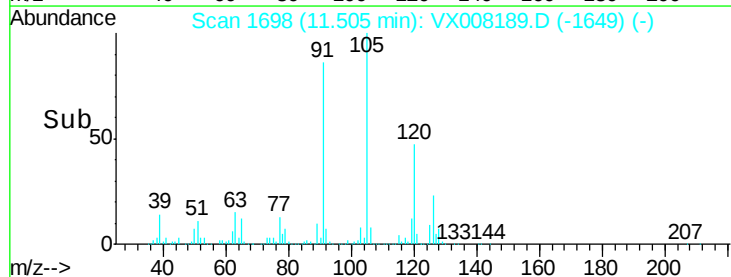
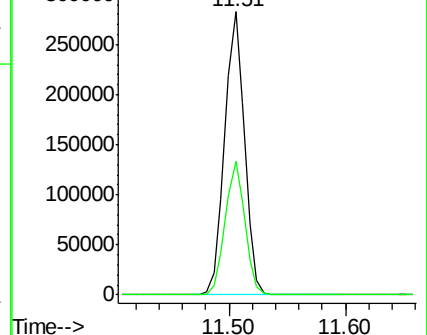
105 100

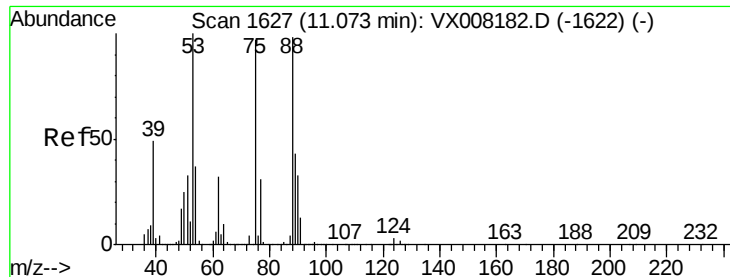
120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.263 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

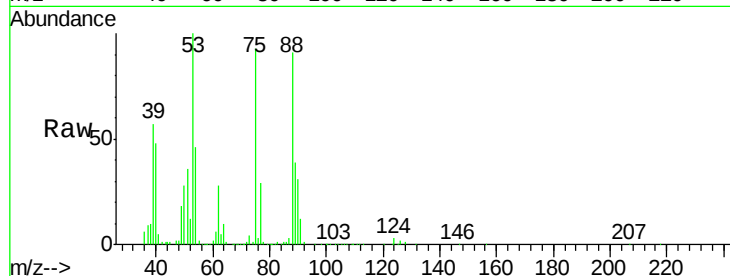
Tot Ion: 75 Resp: 41103

Ion Ratio Lower Upper

75 100

53 110.5 76.1 114.1

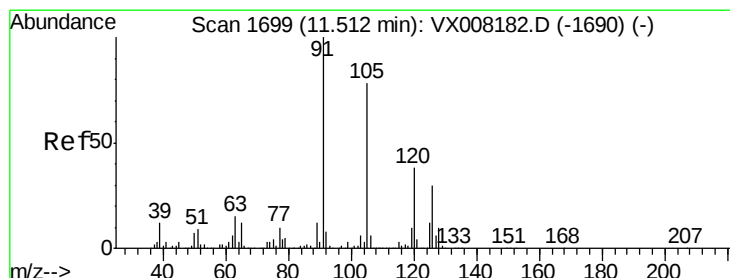
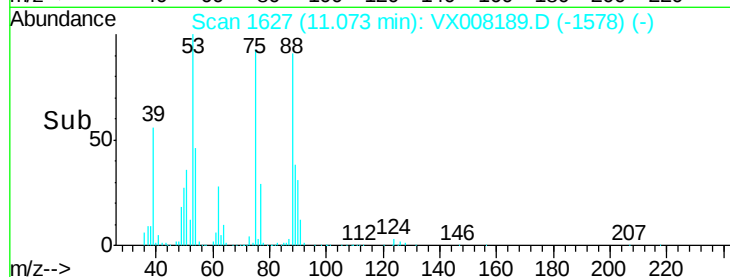
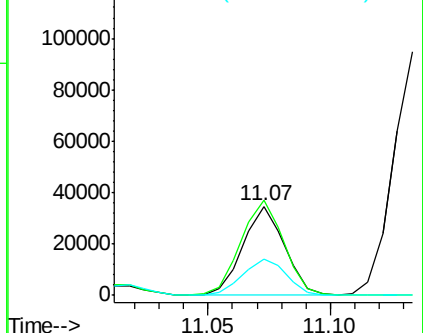
89 44.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.337 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008189.D

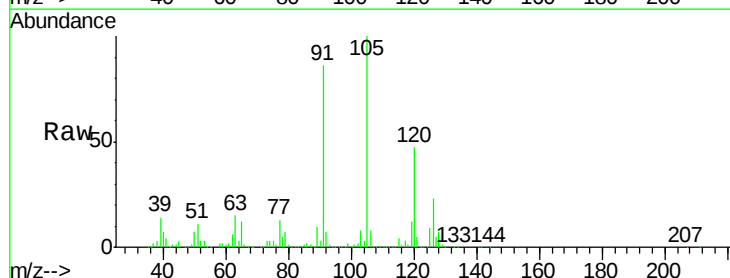
Acq: 19 Mar 2019 14:16

Tgt Ion: 91 Resp: 316235

Ion Ratio Lower Upper

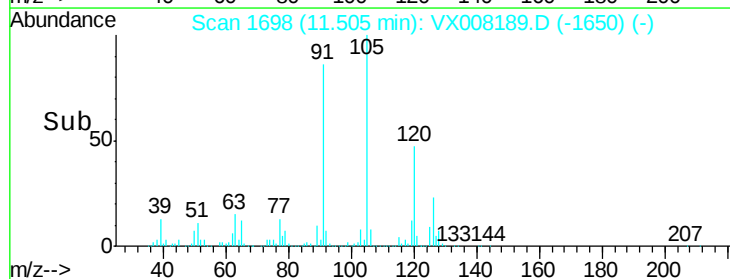
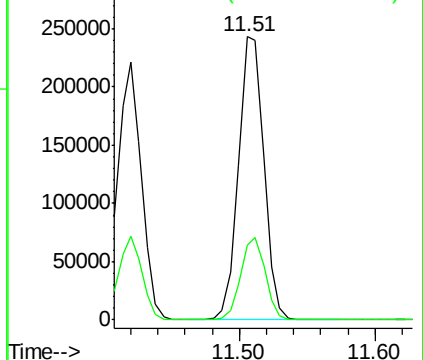
91 100

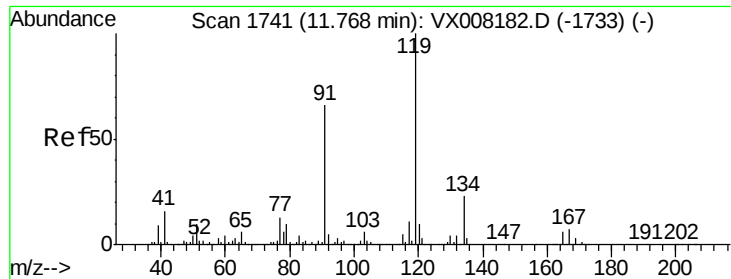
126 28.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

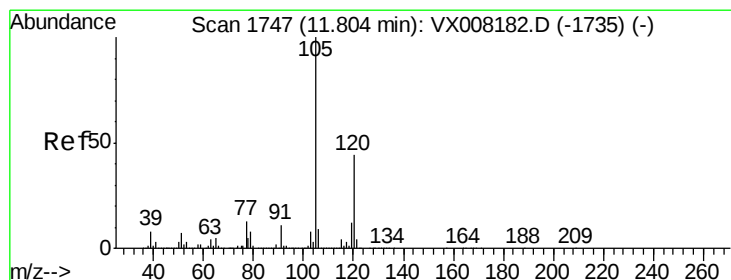
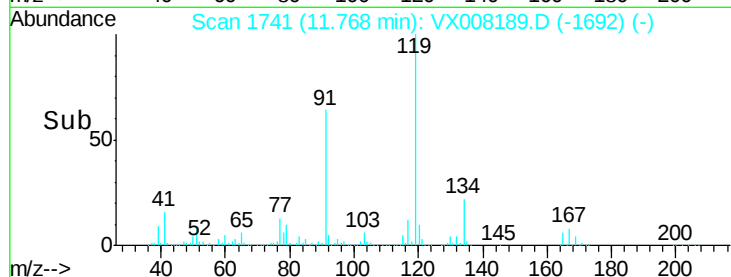
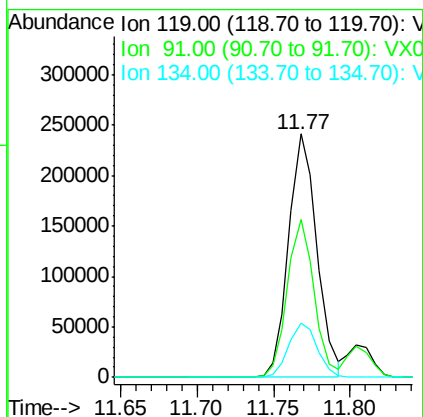
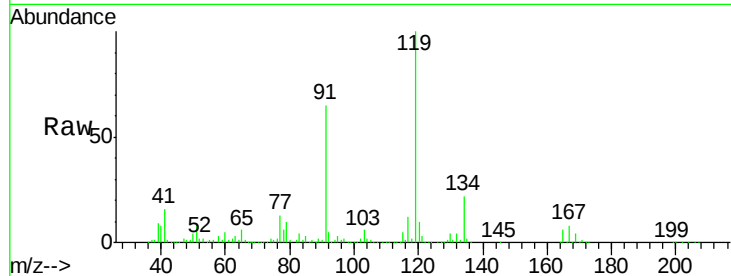




#83
tert-Butylbenzene
Concen: 20.430 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

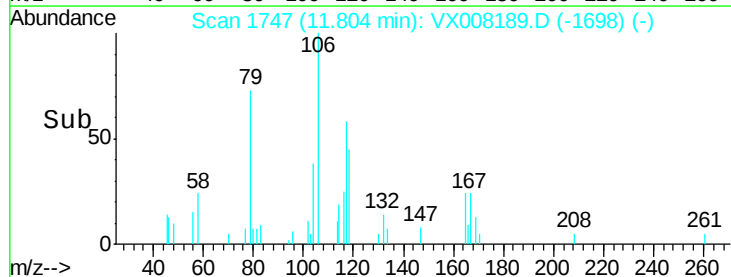
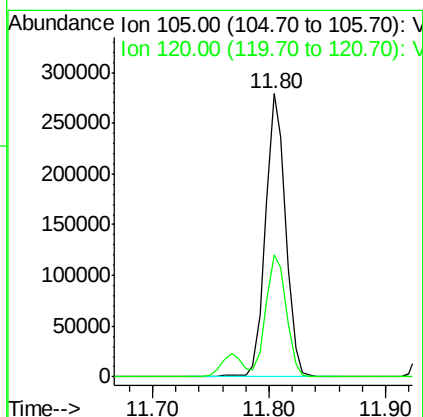
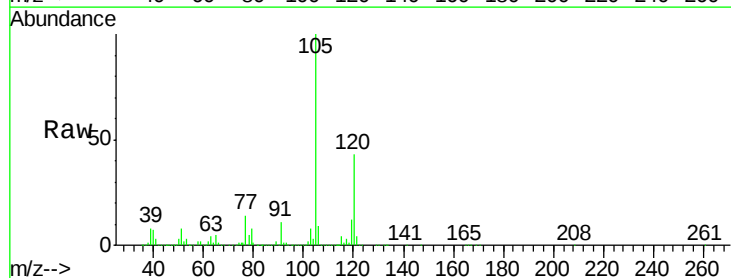
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

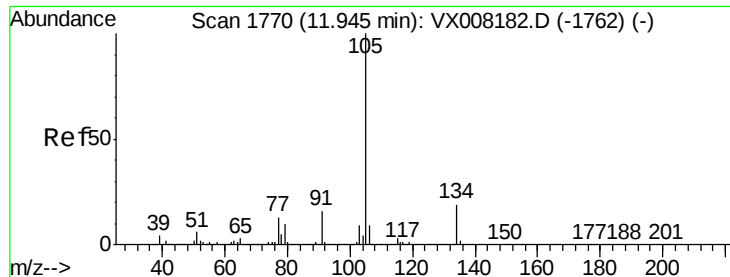
Tot Ion:119 Resp: 308887
Ion Ratio Lower Upper
119 100
91 61.8 27.1 81.3
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 20.728 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:105 Resp: 332777
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

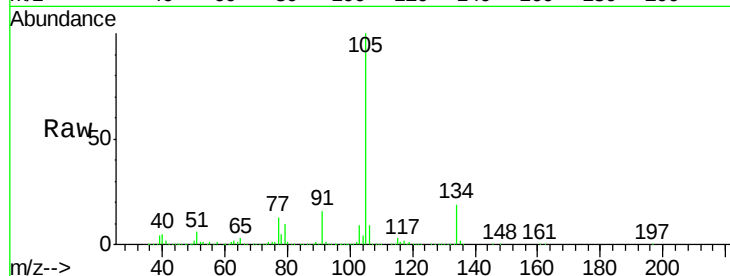
VX0319WBS01

Tot Ion:105 Resp: 395449

Ion Ratio Lower Upper

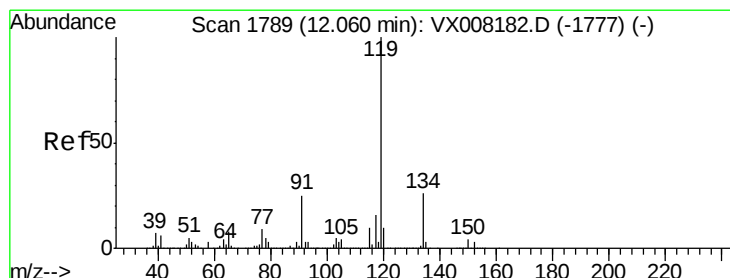
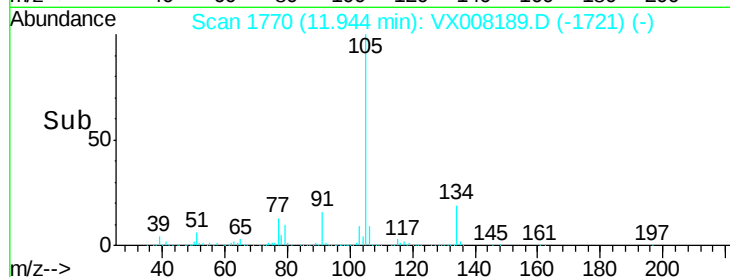
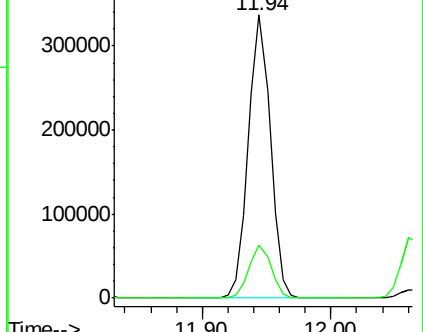
105 100

134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.151 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

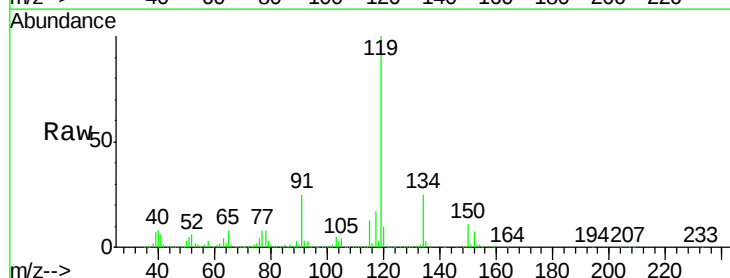
Tgt Ion:119 Resp: 342789

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

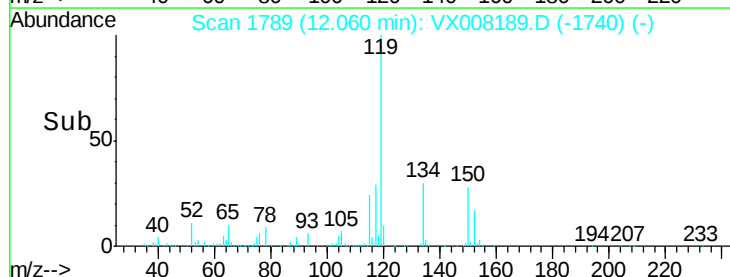
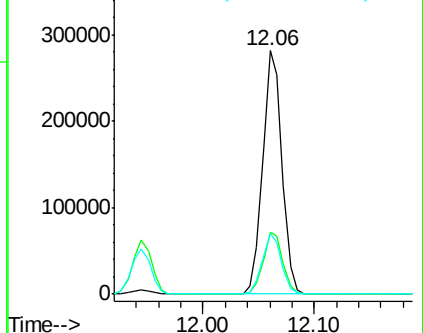
91 24.5 10.9 32.7

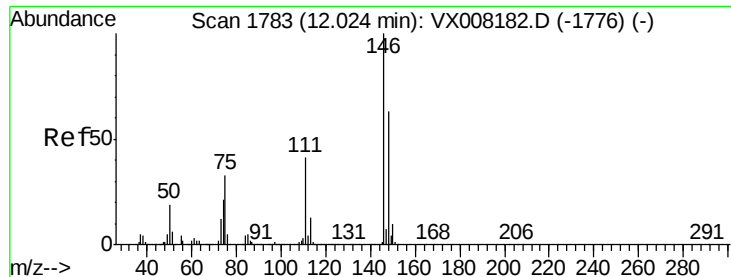


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.284 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

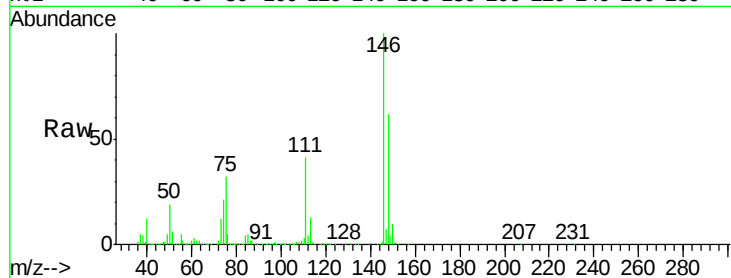
Tot Ion:146 Resp: 168001

Ion Ratio Lower Upper

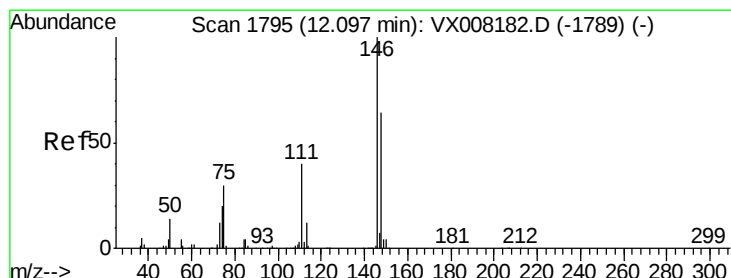
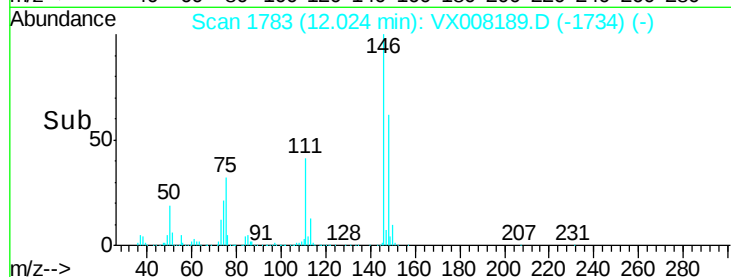
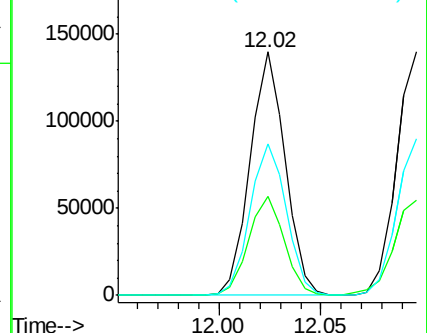
146 100

111 41.2 18.9 56.7

148 64.1 31.7 95.1



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: 19.564 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

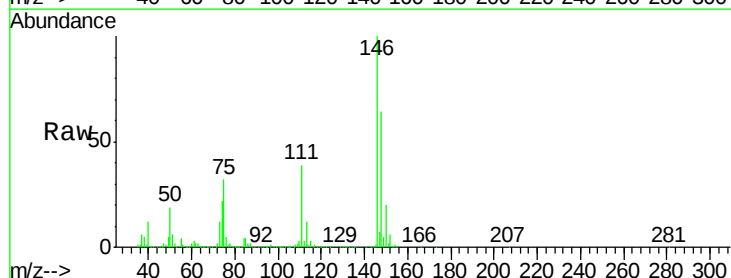
Tgt Ion:146 Resp: 167607

Ion Ratio Lower Upper

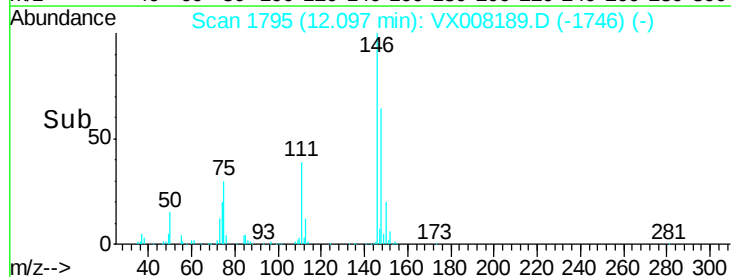
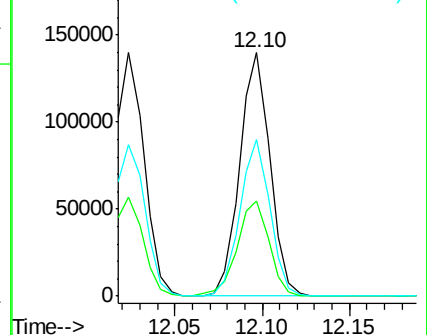
146 100

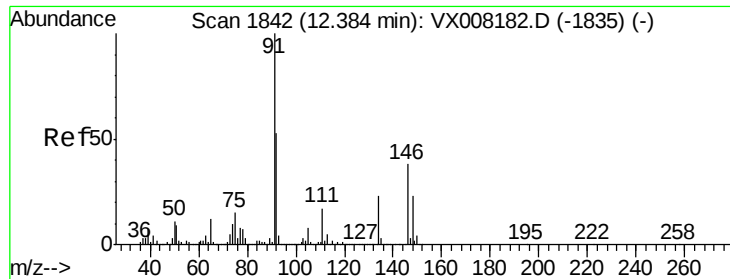
111 41.5 18.4 55.0

148 64.3 32.2 96.6



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: 20.778 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008189.D

Acq: 19 Mar 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS01

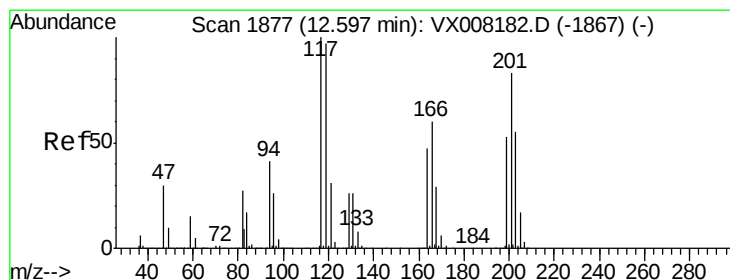
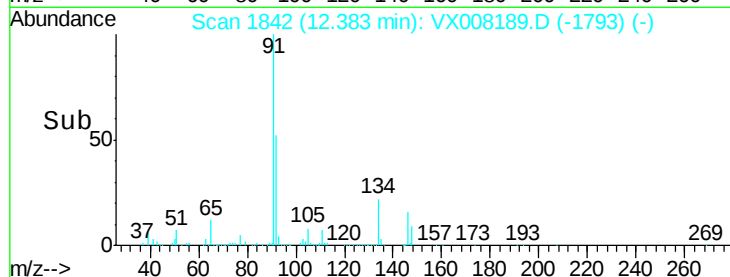
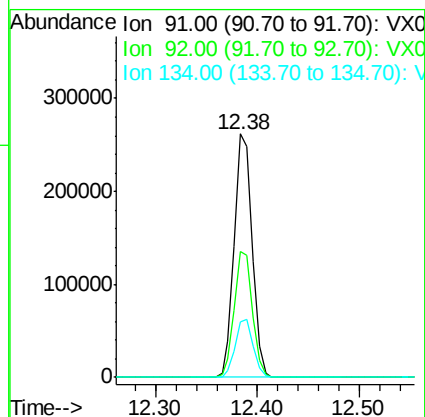
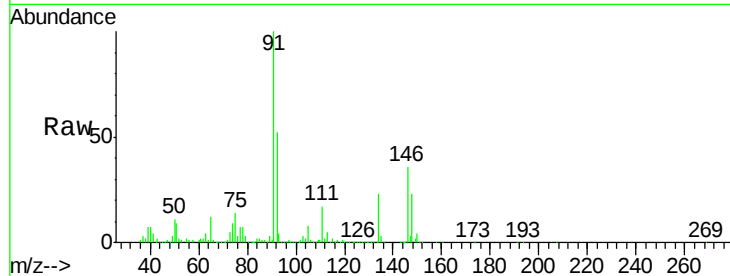
Tot Ion: 91 Resp: 316055

Ion Ratio Lower Upper

91 100

92 52.1 27.0 80.8

134 23.5 13.7 41.0



#90

Hexachloroethane

Concen: 20.636 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008189.D

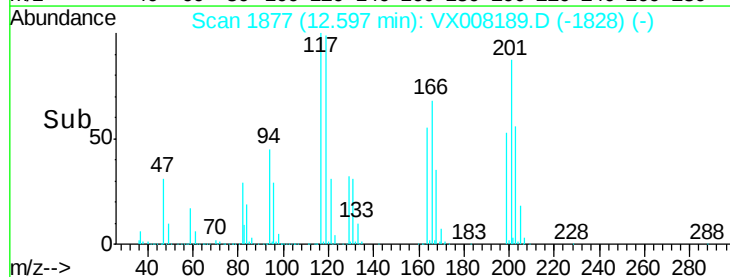
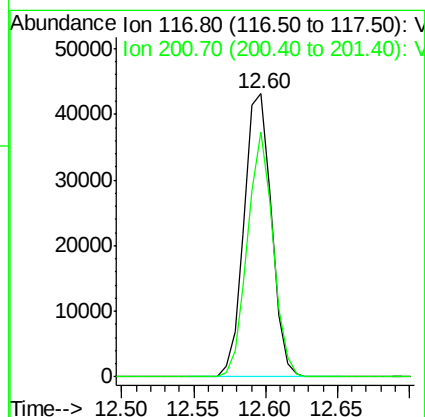
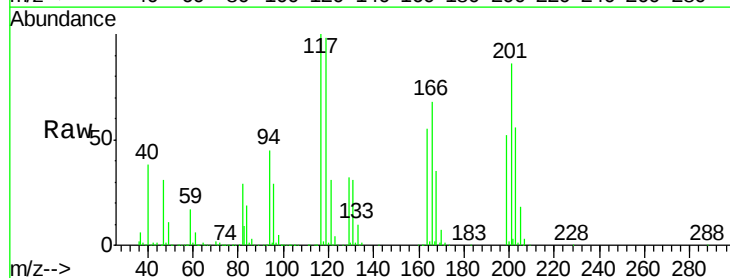
Acq: 19 Mar 2019 14:16

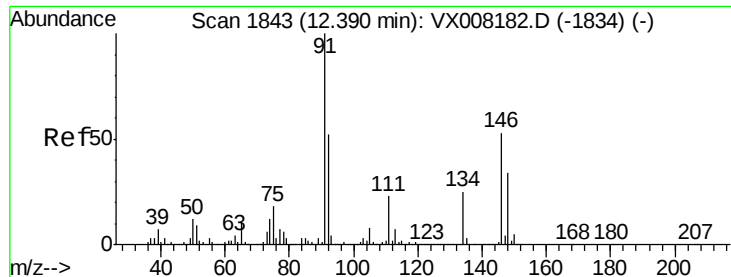
Tgt Ion: 117 Resp: 56958

Ion Ratio Lower Upper

117 100

201 80.0 48.9 146.7

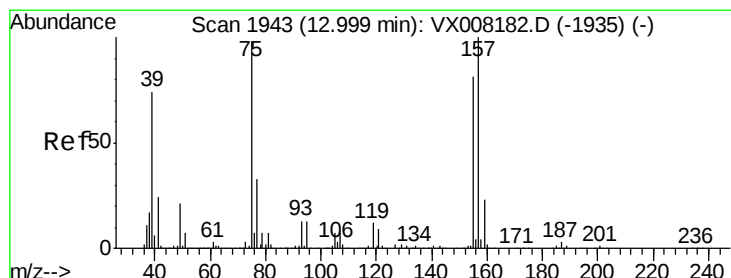
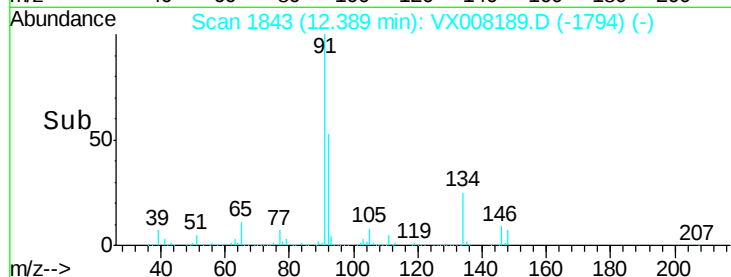
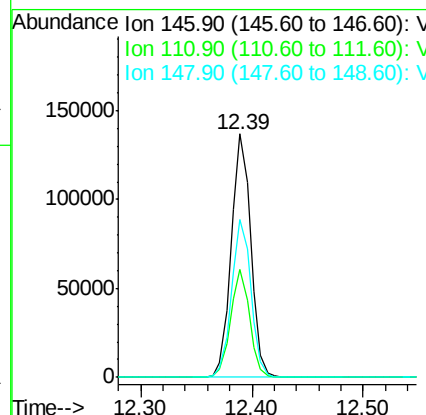
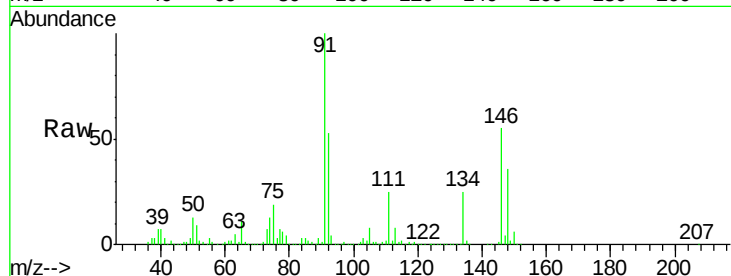




#91
 1,2-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

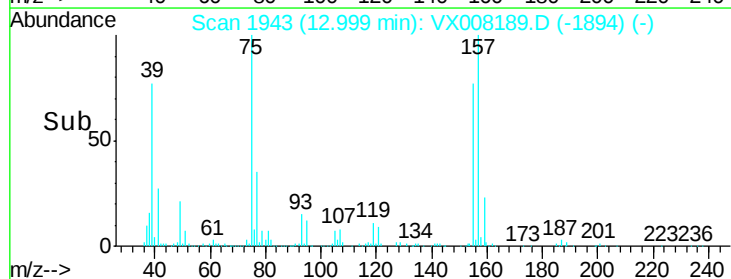
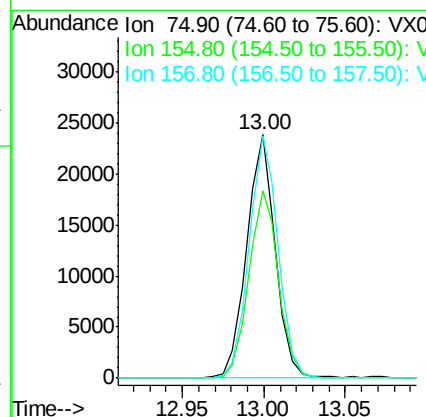
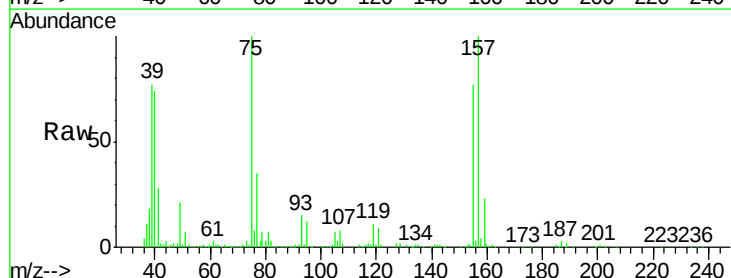
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

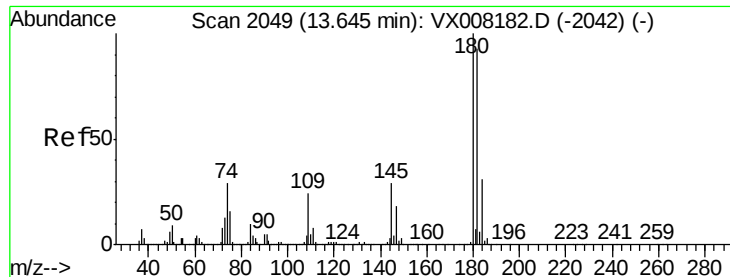
Tot Ion:146 Resp: 165703
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.6 58.8
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.045 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion: 75 Resp: 29074
 Ion Ratio Lower Upper
 75 100
 155 79.2 49.7 149.1
 157 101.1 63.8 191.4

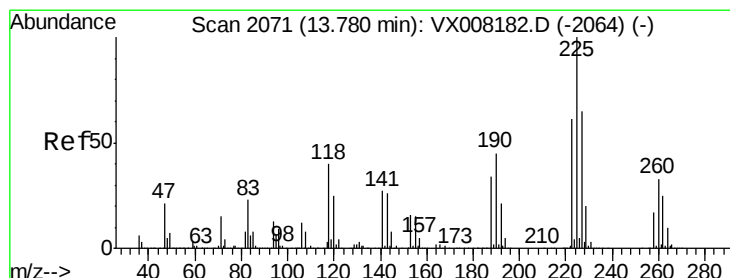
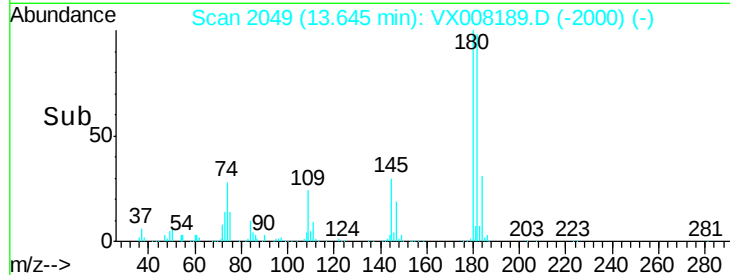
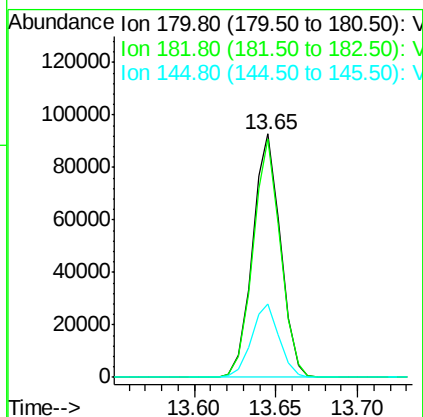
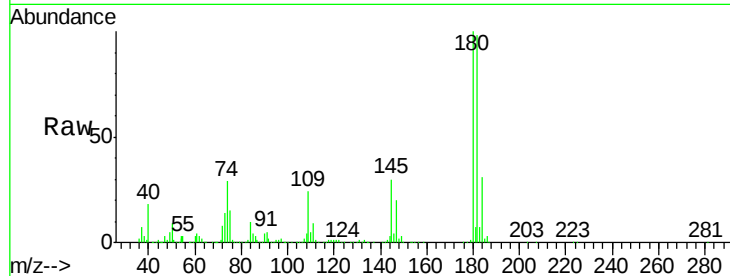




#93
 1,2,4-Trichlorobenzene
 Concen: 20.094 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

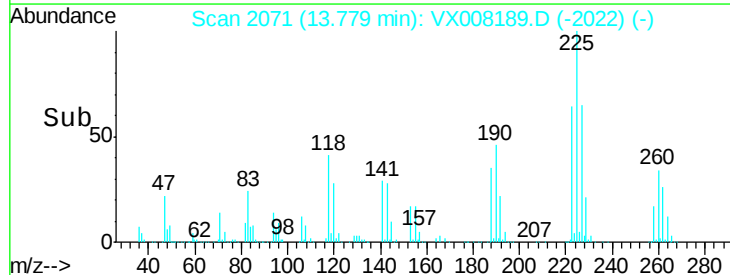
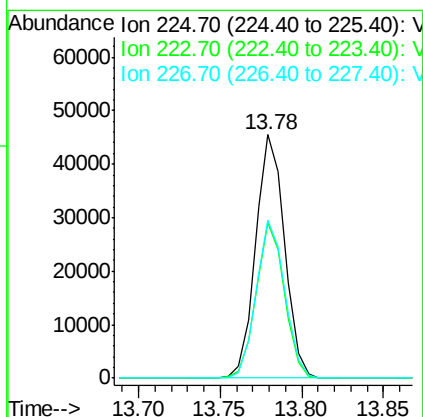
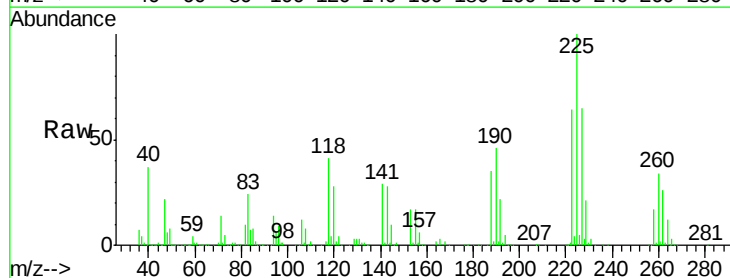
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS01

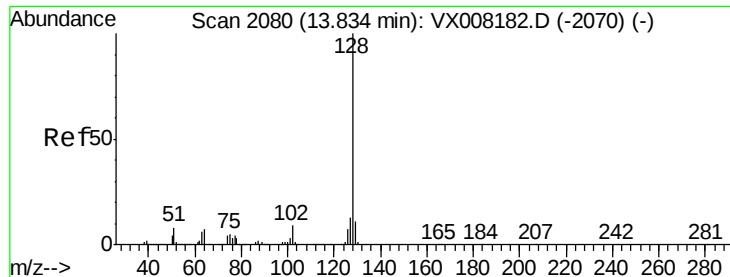
Tot Ion:180 Resp: 110533
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.7
 145 29.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008189.D
 Acq: 19 Mar 2019 14:16

Tgt Ion:225 Resp: 56041
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 63.8 32.0 96.0

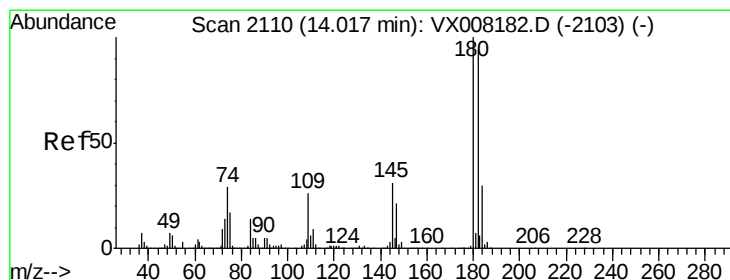
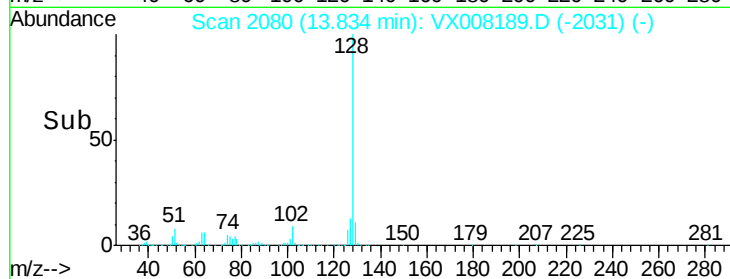
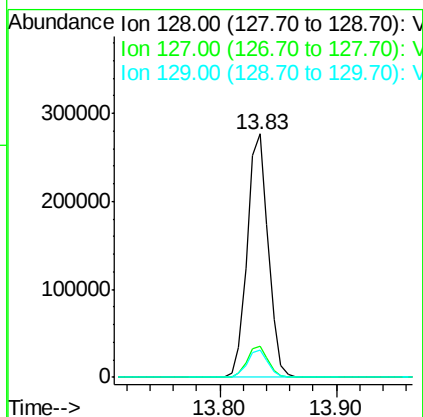
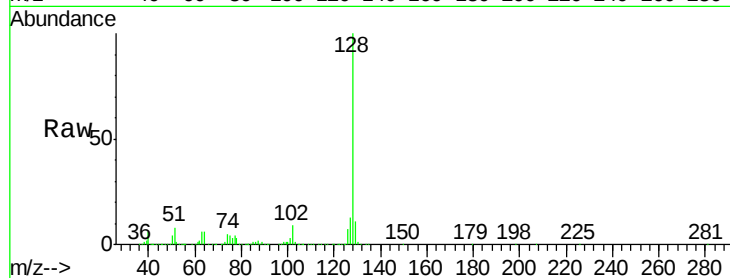




#95
Naphthalene
Concen: 20.051 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS01

Tot Ion:128 Resp: 348125
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.525 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008189.D
Acq: 19 Mar 2019 14:16

Tgt Ion:180 Resp: 111096
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 31.3 14.8 44.3

