

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000209.D
 Acq On : 07 Mar 2018 13:26
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 00:34:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	150194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	103434	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.51	113	81379	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.73	98	344242	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.15	95	132909	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	76636	49.394	ug/l	100
3) Chloromethane	1.32	50	72425	47.649	ug/l	100
4) Vinyl Chloride	1.41	62	88834	52.053	ug/l	100
5) Bromomethane	1.64	94	105509	62.686	ug/l	100
6) Chloroethane	1.72	64	58146	50.334	ug/l	100
7) Trichlorofluoromethane	1.93	101	154840	50.657	ug/l	100
8) Diethyl Ether	2.20	74	53686	50.855	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83594	49.112	ug/l	100
10) Methyl Iodide	2.52	142	85729	47.402	ug/l	100
11) Tert butyl alcohol	3.08	59	180287	247.060	ug/l	100
12) 1,1-Dichloroethene	2.38	96	77320	48.891	ug/l	100
13) Acrolein	2.30	56	97336	271.451	ug/l	100
14) Allyl chloride	2.73	41	141222	52.807	ug/l	100
15) Acrylonitrile	3.16	53	324051	258.217	ug/l	100
16) Acetone	2.45	43	350802	278.049	ug/l	100
17) Carbon Disulfide	2.57	76	216179	46.527	ug/l	100
18) Methyl Acetate	2.79	43	152287	52.291	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	275087	50.524	ug/l	100
20) Methylene Chloride	2.87	84	82645	46.902	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	85960	49.974	ug/l	100
22) Diisopropyl ether	3.88	45	219334	47.549	ug/l	100
23) Vinyl Acetate	3.84	43	1107679	254.950	ug/l	100
24) 1,1-Dichloroethane	3.71	63	148701	52.417	ug/l	100
25) 2-Butanone	4.73	43	439210	254.604	ug/l	100
26) 2,2-Dichloropropane	4.60	77	111649	47.310	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	78131	48.112	ug/l	100
28) Bromochloromethane	5.03	49	64698	52.007	ug/l	100
29) Tetrahydrofuran	5.18	42	280358	250.741	ug/l	100
30) Chloroform	5.23	83	145317	50.221	ug/l	100
31) Cyclohexane	5.59	56	116767	49.284	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	132832	50.100	ug/l	100
36) 1,1-Dichloropropene	5.81	75	109346	48.118	ug/l	100
37) Ethyl Acetate	4.87	43	149759	47.775	ug/l	100
38) Carbon Tetrachloride	5.79	117	114833	47.304	ug/l	100

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Quant Time: Mar 08 00:34:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	134577	49.058	ug/l	100
40) Benzene	6.16	78	319092	49.060	ug/l	100
41) Methacrylonitrile	5.08	41	76937	46.981	ug/l	100
42) 1,2-Dichloroethane	6.21	62	124159	51.526	ug/l	100
43) Isopropyl Acetate	6.48	43	229511	50.568	ug/l	100
44) Trichloroethene	7.22	130	91371	47.963	ug/l	100
45) 1,2-Dichloropropane	7.52	63	81528	50.917	ug/l	100
46) Dibromomethane	7.67	93	64238	51.385	ug/l	100
47) Bromodichloromethane	7.91	83	119687	51.950	ug/l	100
48) Methyl methacrylate	7.79	41	111108	50.074	ug/l	100
49) 1,4-Dioxane	7.77	88	52571	921.887	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	895510	267.409	ug/l	100
52) Toluene	8.79	92	228366	52.199	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	138217	51.048	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	141314	52.584	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	91039	50.563	ug/l	100
56) Ethyl methacrylate	9.19	69	145720	52.635	ug/l	100
57) 1,3-Dichloropropane	9.38	76	147621	51.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	351009	251.269	ug/l	100
59) 2-Hexanone	9.51	43	769977	271.039	ug/l	100
60) Dibromochloromethane	9.59	129	102955	50.953	ug/l	100
61) 1,2-Dibromoethane	9.68	107	103107	51.485	ug/l	100
64) Tetrachloroethene	9.34	164	86859	45.671	ug/l	100
65) Chlorobenzene	10.15	112	266086	47.672	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	92838	47.982	ug/l	100
67) Ethyl Benzene	10.26	91	457114	48.589	ug/l	100
68) m/p-Xylenes	10.37	106	366746	98.350	ug/l	100
69) o-Xylene	10.71	106	175195	48.892	ug/l	100
70) Styrene	10.72	104	298577	50.807	ug/l	100
71) Bromoform	10.87	173	83478	47.853	ug/l	100
73) Isopropylbenzene	11.03	105	486373	47.353	ug/l	100
74) N-amyl acetate	6.48	43	229511	44.434	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.28	83	169752	47.382	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205102	61.302	ug/l	81
77) Bromobenzene	11.26	156	123507	44.891	ug/l	100
78) n-propylbenzene	11.37	91	569023	46.967	ug/l	100
79) 2-Chlorotoluene	11.43	91	322876	46.738	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	414585	47.811	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	53427	46.073	ug/l	100
82) 4-Chlorotoluene	11.52	91	400820	47.629	ug/l	100
83) tert-Butylbenzene	11.78	119	410057	46.795	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	431427	47.830	ug/l	100
85) sec-Butylbenzene	11.96	105	515112	47.235	ug/l	100
86) p-Isopropyltoluene	12.07	119	460370	47.390	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	246631	46.332	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	253026	46.004	ug/l	100
89) n-Butylbenzene	12.40	91	434430	47.135	ug/l	100
90) Hexachloroethane	12.60	117	74701	47.585	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	245419	46.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48987	49.364	ug/l	100

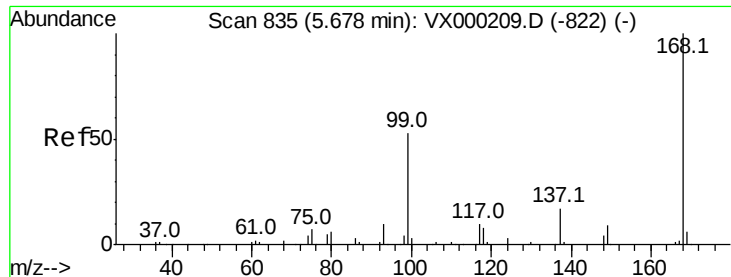
Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170145	43.731	ug/l	100
94) Hexachlorobutadiene	13.79	225	68336	40.779	ug/l	100
95) Naphthalene	13.84	128	619540	46.634	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	168154	43.834	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

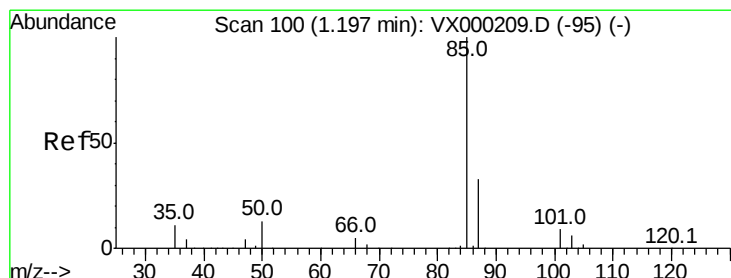
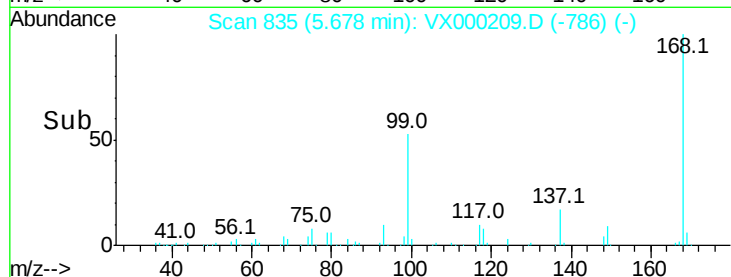
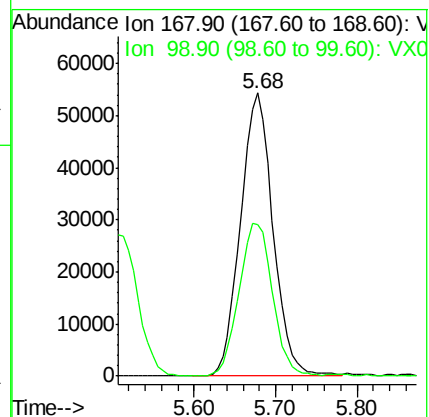
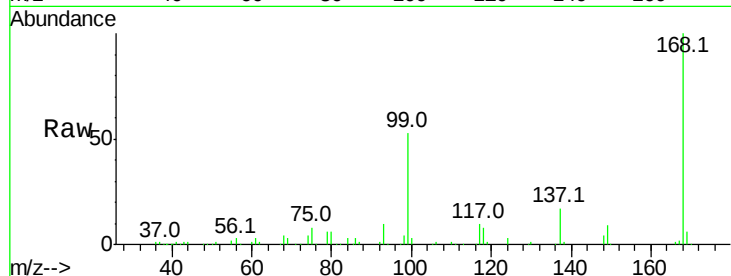
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 150194

Ion Ratio Lower Upper

168 100

99 53.5 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 49.394 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000209.D

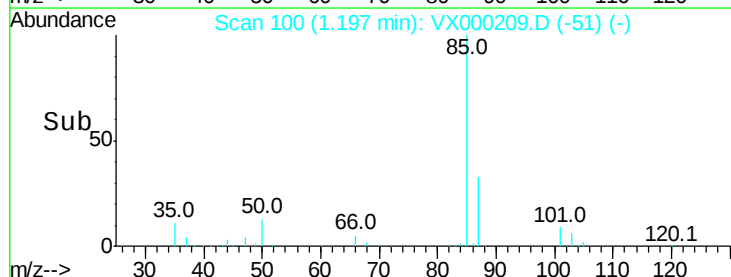
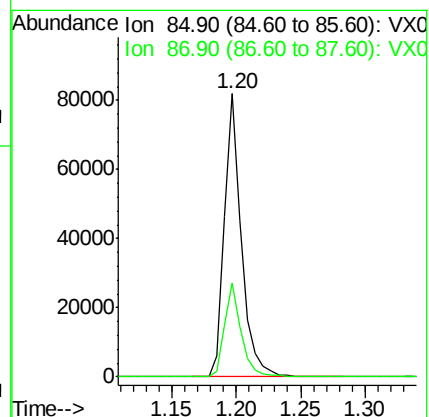
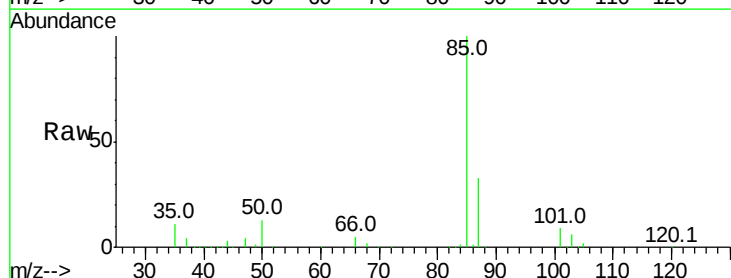
Acq: 07 Mar 2018 13:26

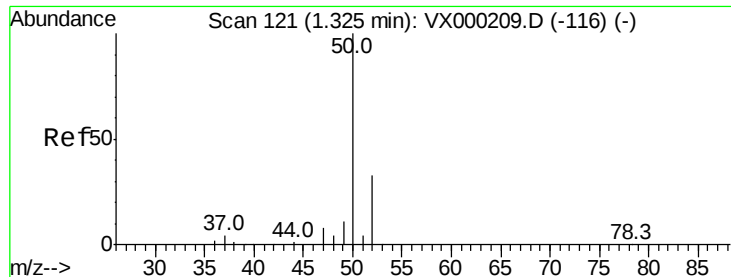
Tgt Ion: 85 Resp: 76636

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0





#3

Chloromethane

Concen: 47.649 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

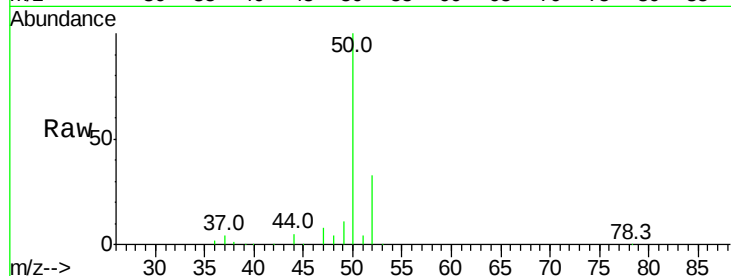
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 72425

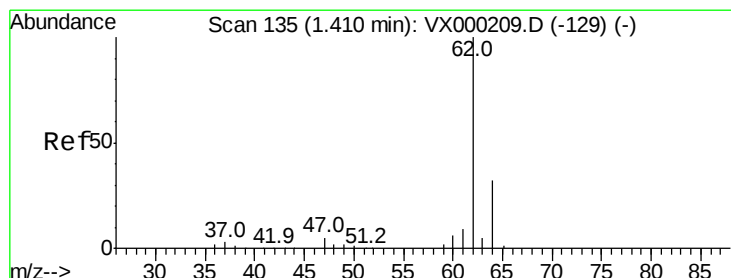
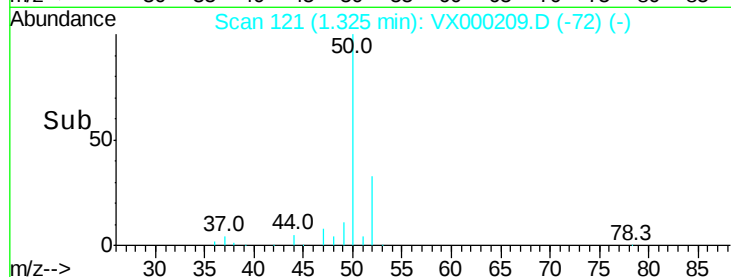
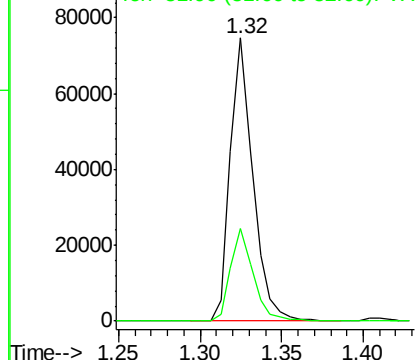
Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.053 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000209.D

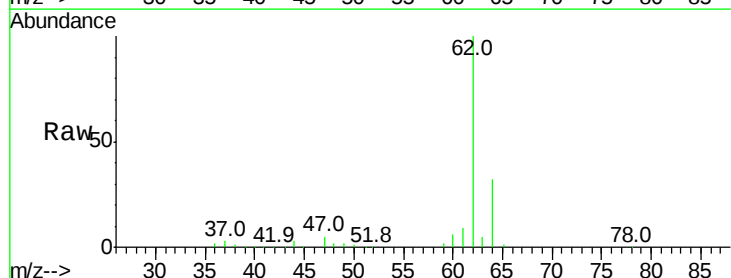
Acq: 07 Mar 2018 13:26

Tgt Ion: 62 Resp: 88834

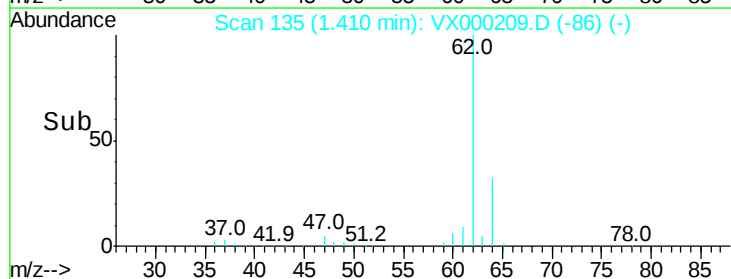
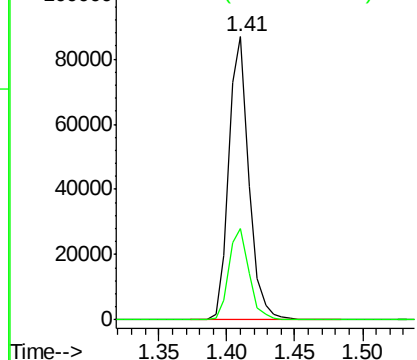
Ion Ratio Lower Upper

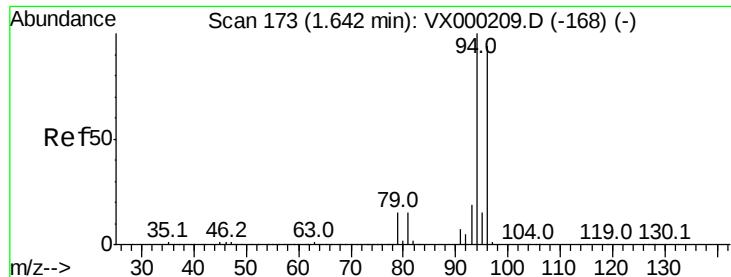
62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 62.686 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

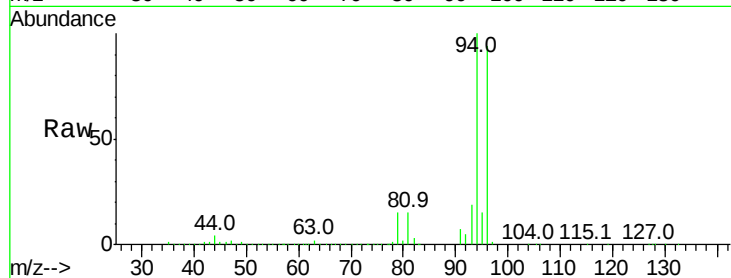
ClientSampleId :

Tot Ion: 94 Resp: 105509

Ion Ratio Lower Upper

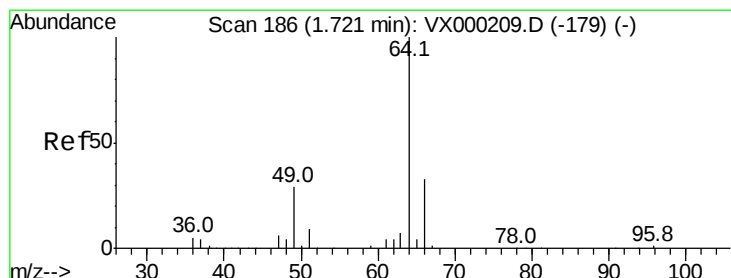
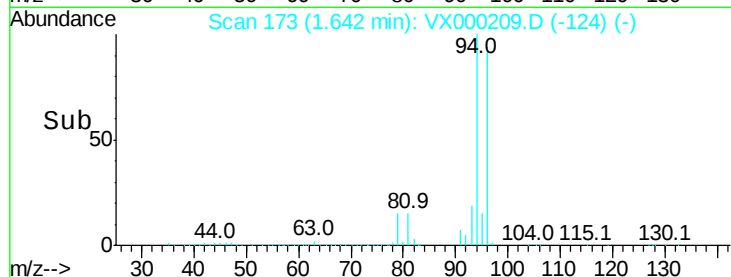
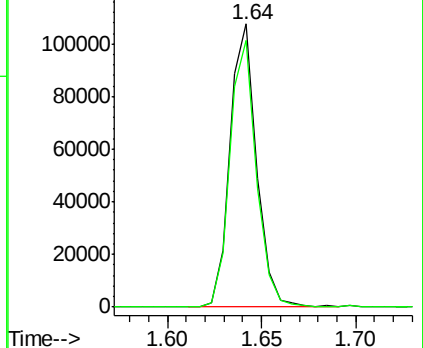
94 100

96 94.1 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.334 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000209.D

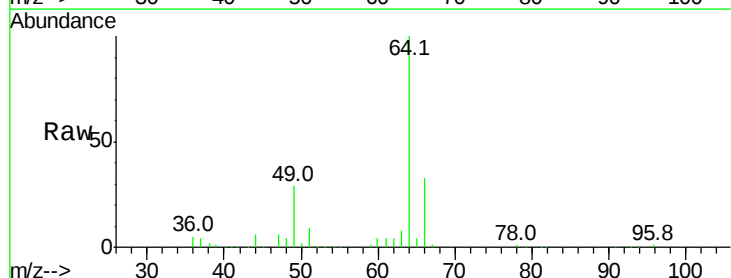
Acq: 07 Mar 2018 13:26

Tgt Ion: 64 Resp: 58146

Ion Ratio Lower Upper

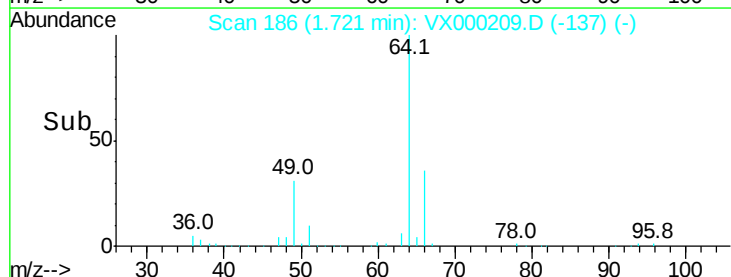
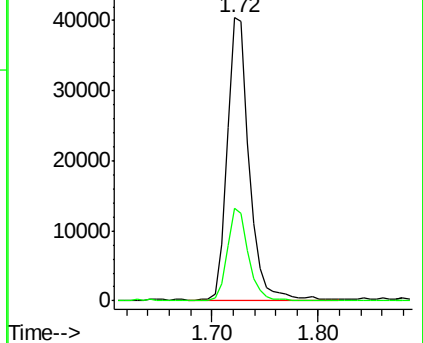
64 100

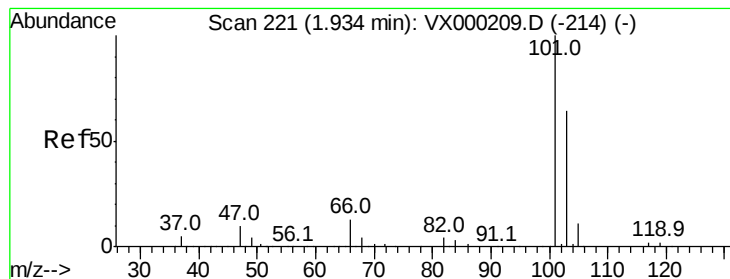
66 32.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



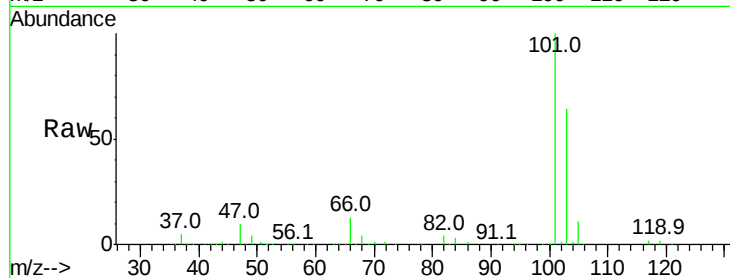


#7

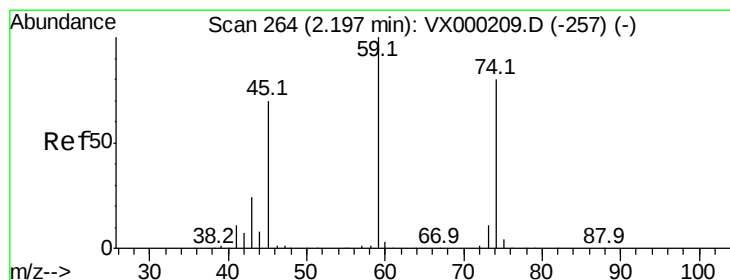
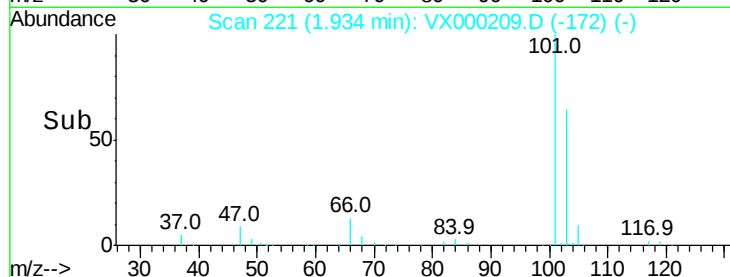
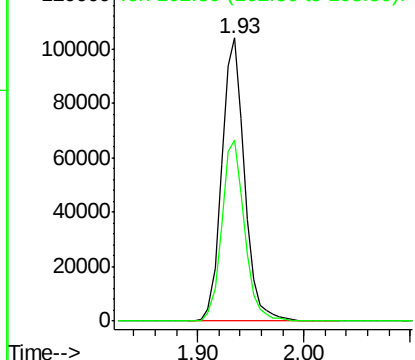
Trichlorofluoromethane
Concen: 50.657 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 154840
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8



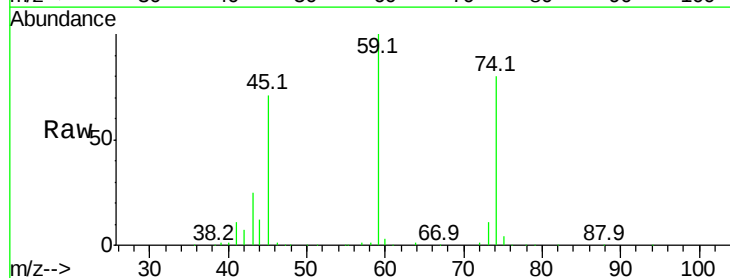
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



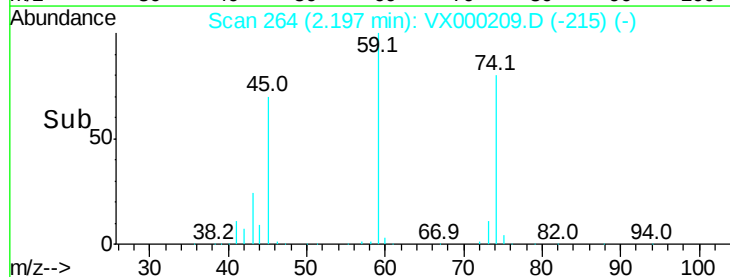
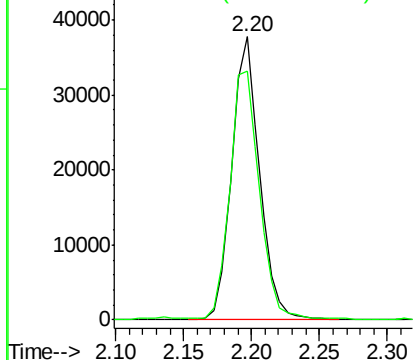
#8

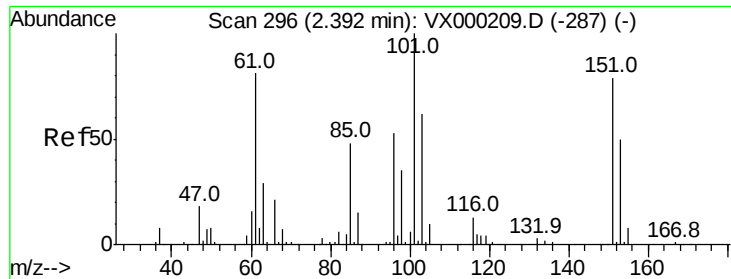
Diethyl Ether
Concen: 50.855 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 74 Resp: 53686
Ion Ratio Lower Upper
74 100
45 94.4 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.112 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

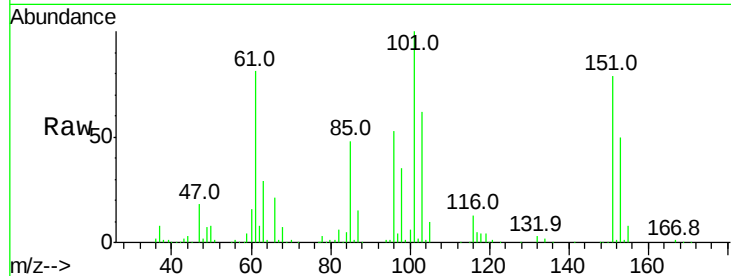
Tot Ion:101 Resp: 83594

Ion Ratio Lower Upper

101 100

85 47.9 38.3 57.5

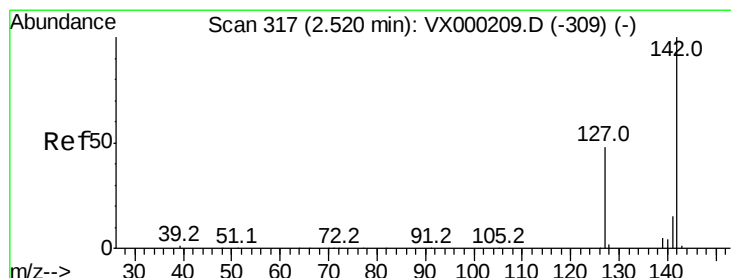
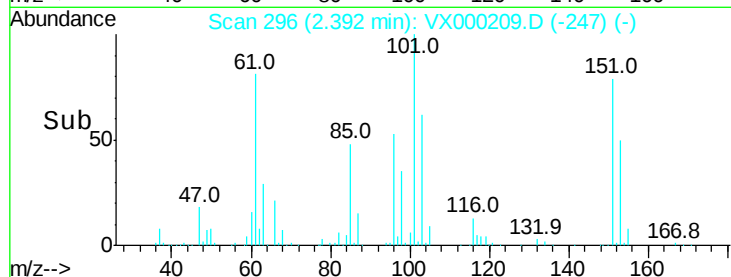
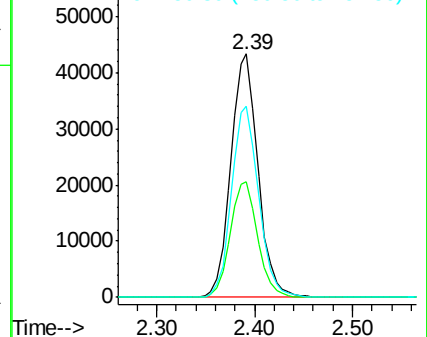
151 78.5 62.8 94.2



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: 47.402 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

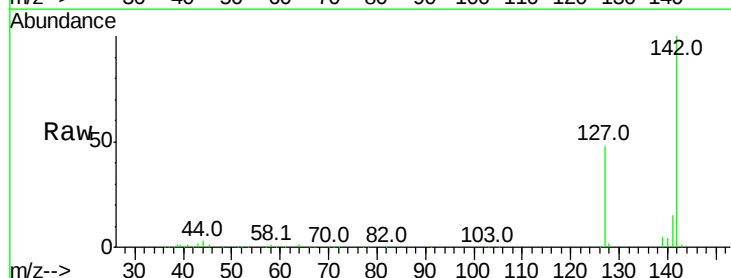
Tgt Ion:142 Resp: 85729

Ion Ratio Lower Upper

142 100

127 48.8 39.0 58.6

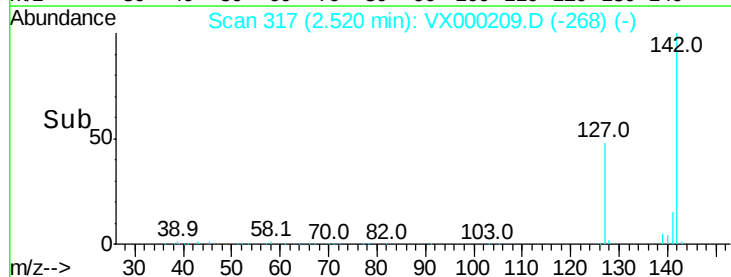
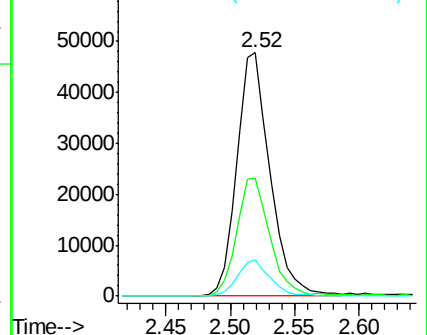
141 14.5 11.6 17.4

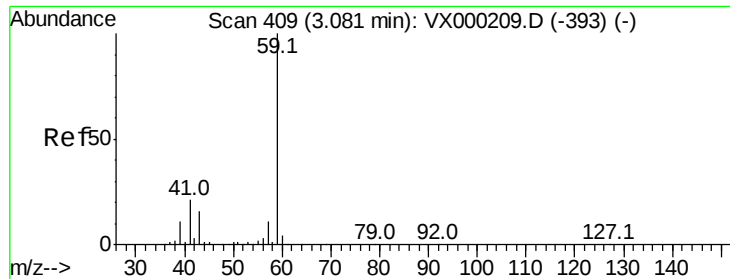


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

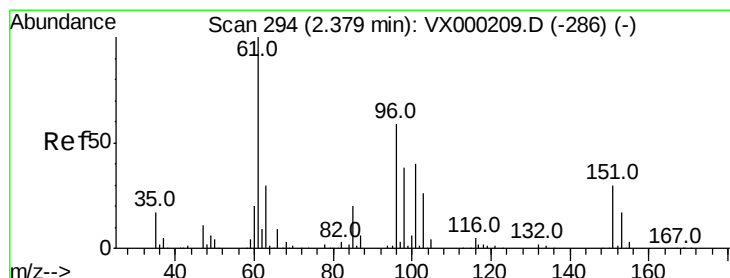
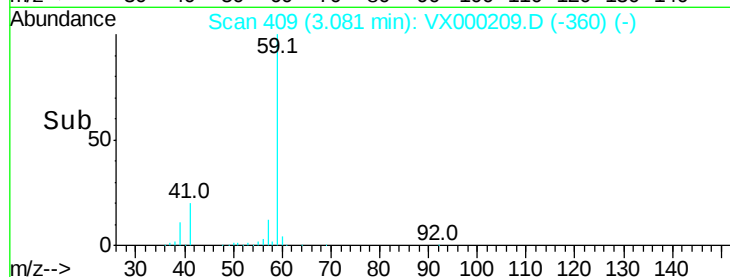
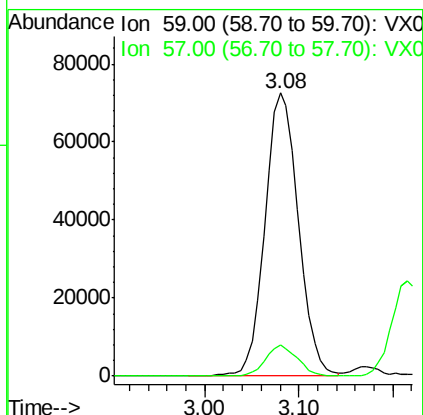
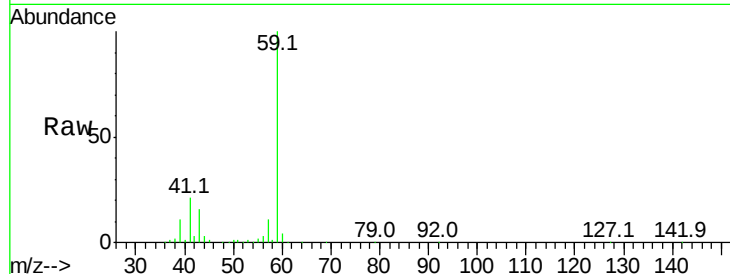




#11
Tert butyl alcohol
Concen: 247.060 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

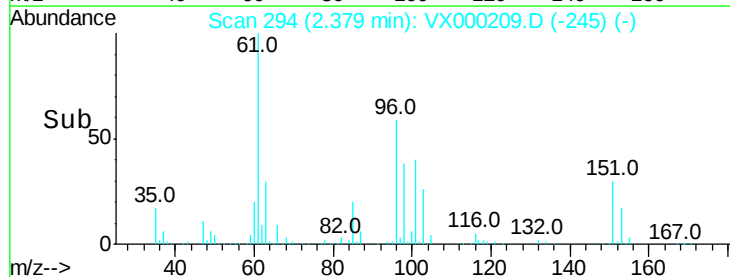
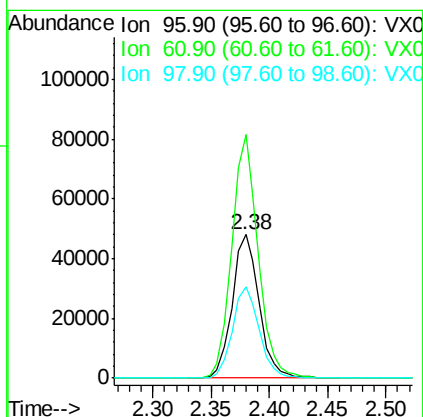
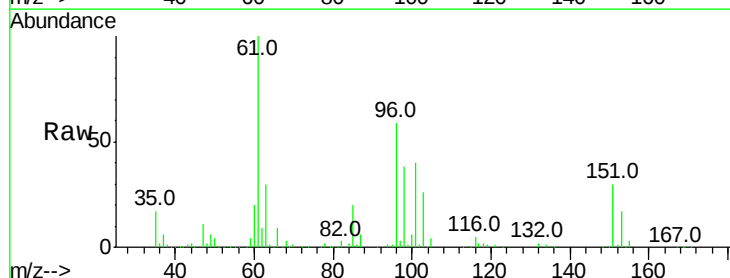
Instrument :
MSVOA_X
ClientSampled :

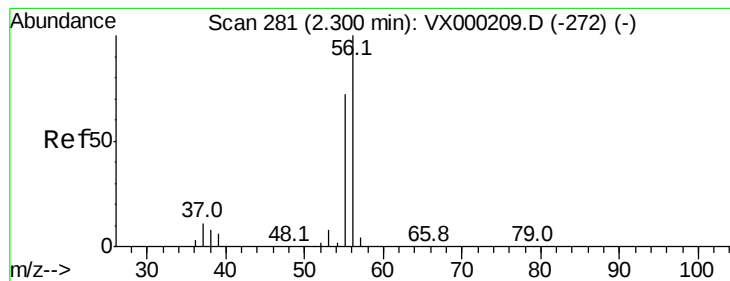
Tot Ion: 59 Resp: 180287
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.891 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 96 Resp: 77320
Ion Ratio Lower Upper
96 100
61 169.7 135.8 203.6
98 63.9 51.1 76.7





#13

Acrolein

Concen: 271.451 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

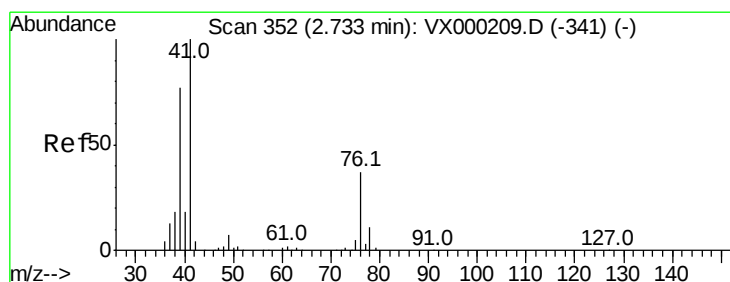
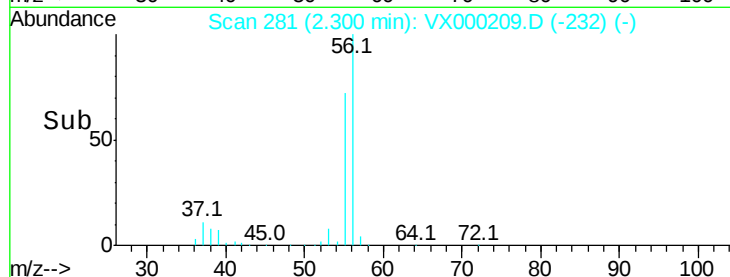
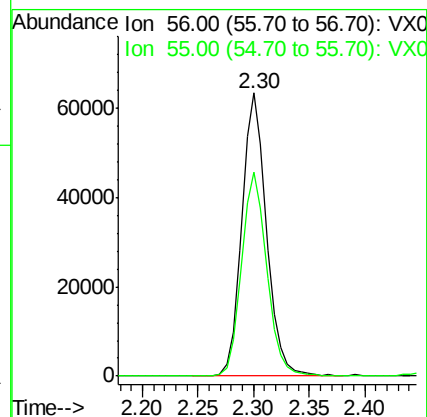
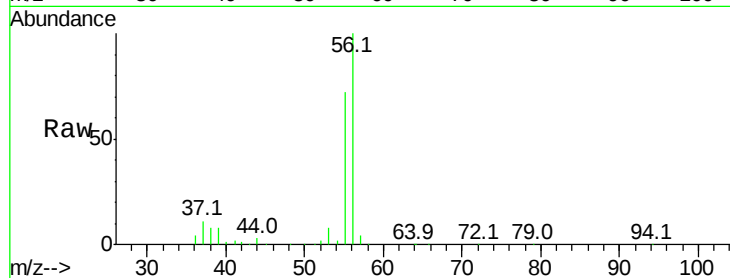
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 97336

Ion Ratio Lower Upper

56 100

55 74.0 59.2 88.8



#14

Allyl chloride

Concen: 52.807 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

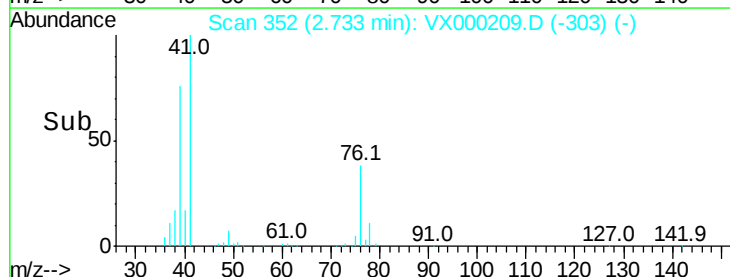
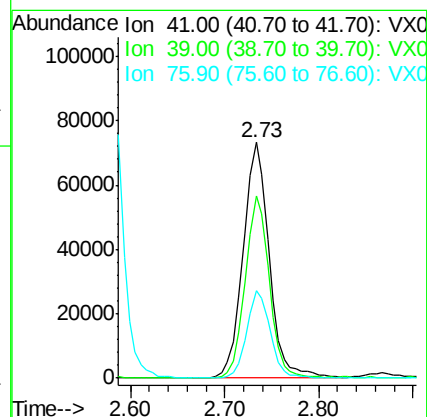
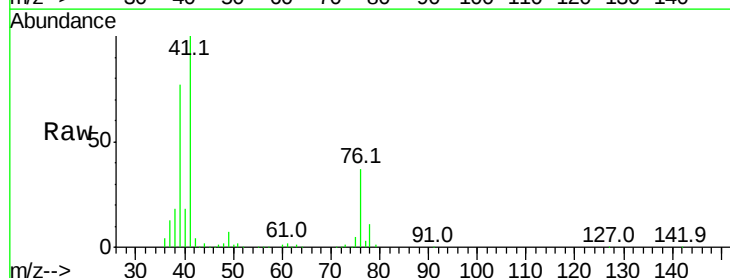
Tgt Ion: 41 Resp: 141222

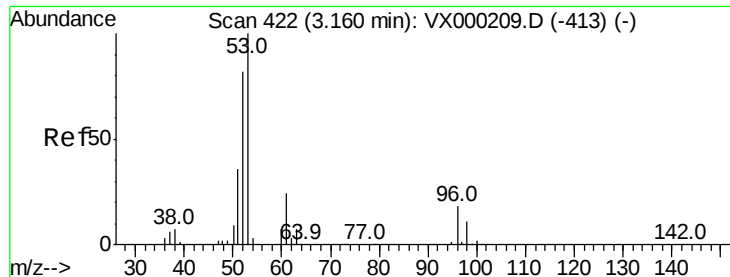
Ion Ratio Lower Upper

41 100

39 71.3 57.0 85.6

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 258.217 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

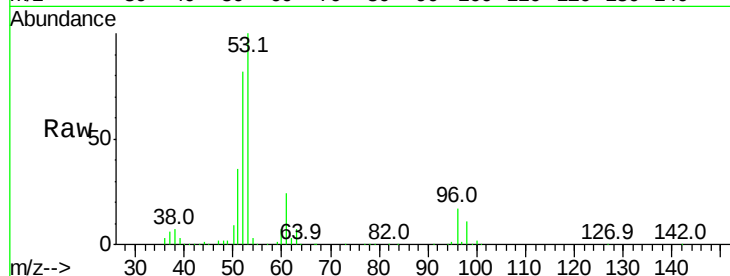
Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 324051

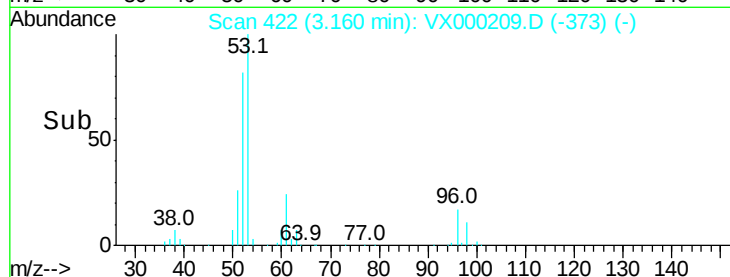
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	37.0	29.6	44.4



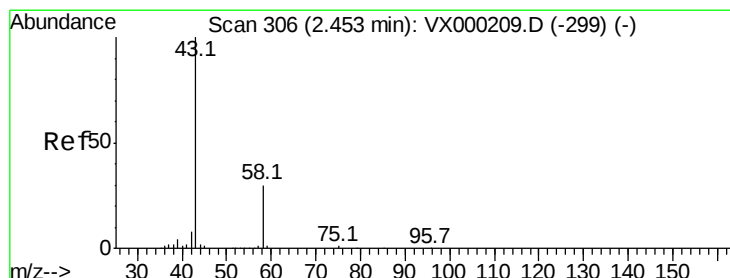
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 278.049 ug/l

RT: 2.45 min Scan# 306

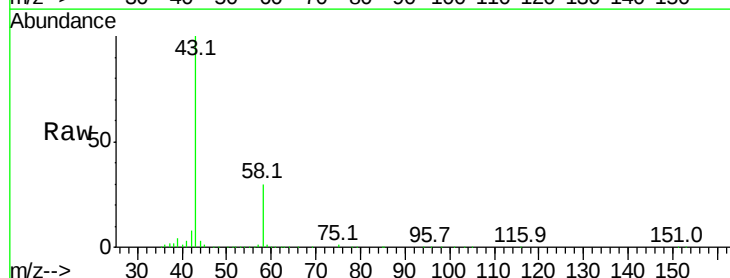
Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

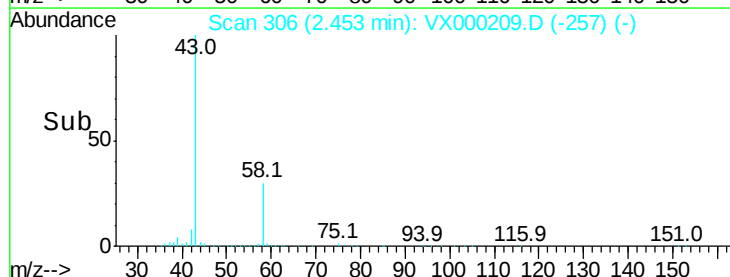
Tgt Ion: 43 Resp: 350802

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.6

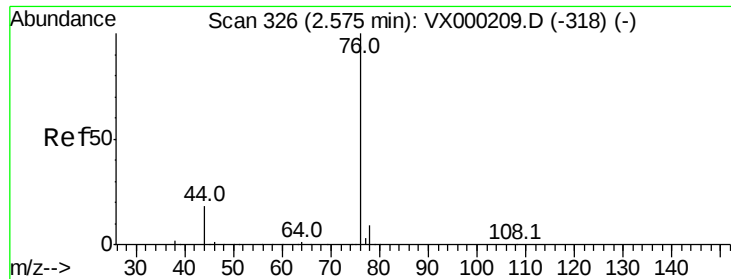


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



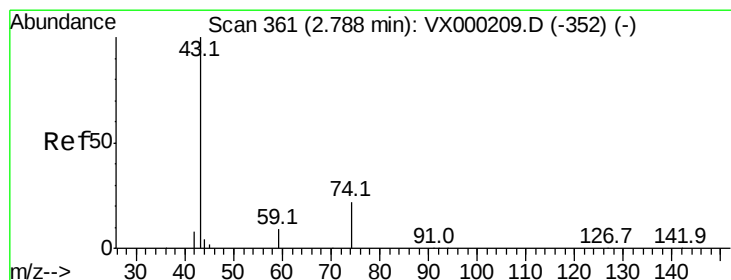
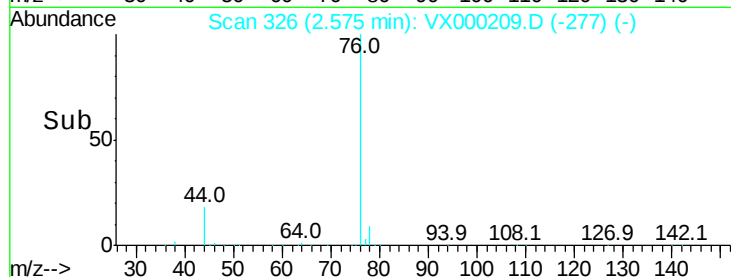
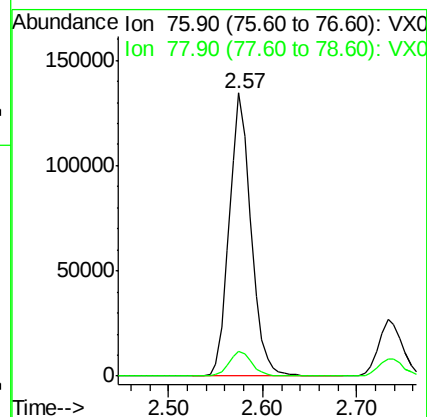
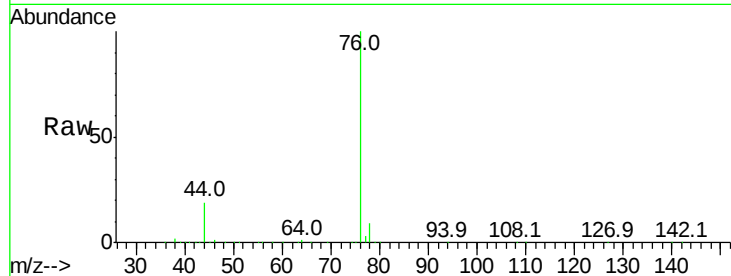
Time-->



#17
Carbon Disulfide
Concen: 46.527 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

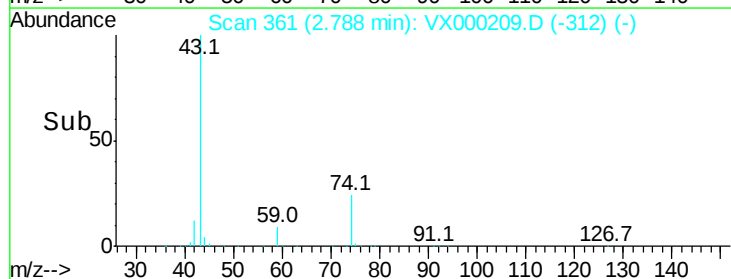
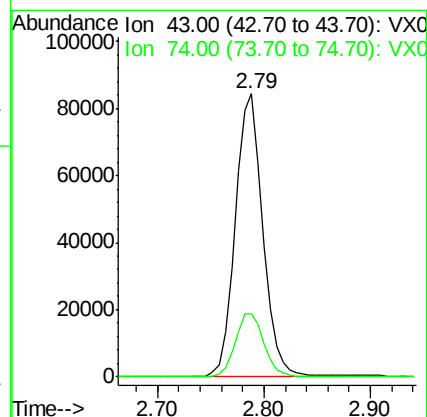
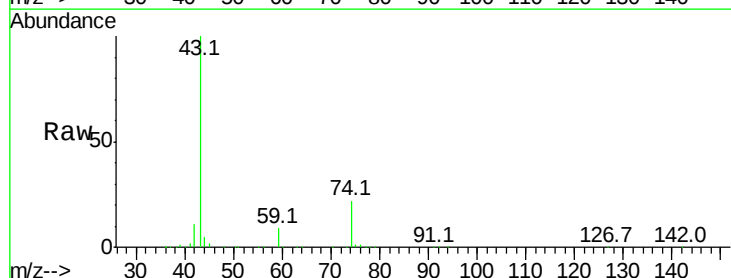
Instrument :
MSVOA_X
ClientSampled :

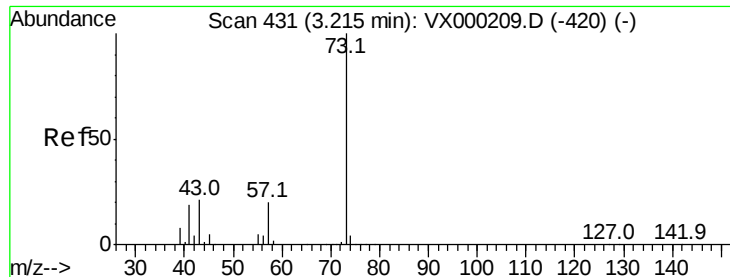
Tot Ion: 76 Resp: 216179
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 52.291 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 43 Resp: 152287
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3

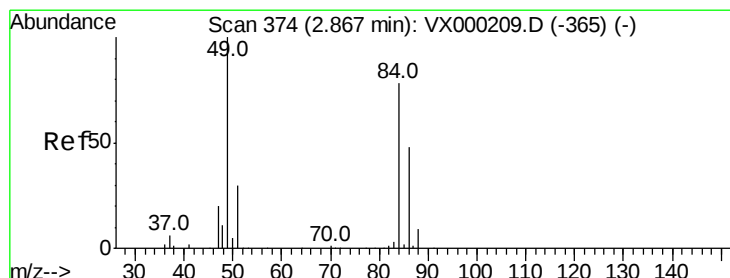
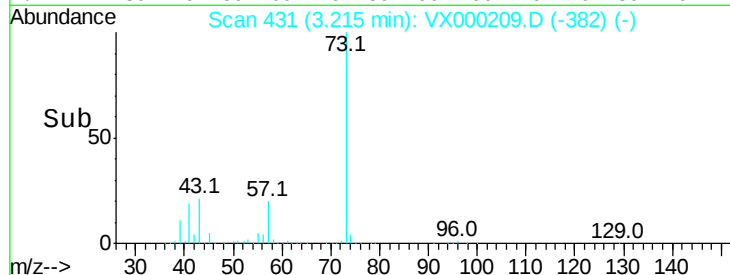
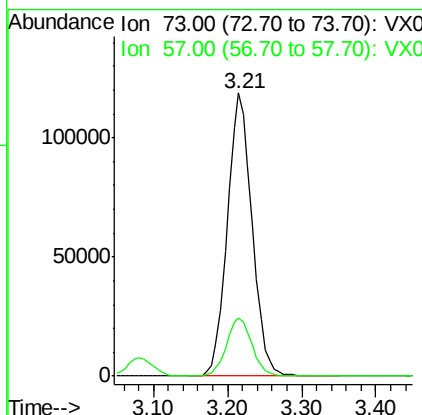
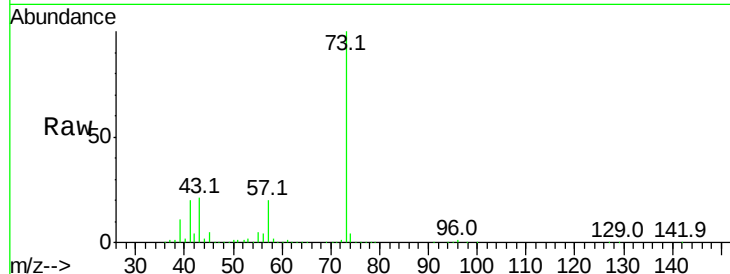




#19
Methyl tert-butyl Ether
Concen: 50.524 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

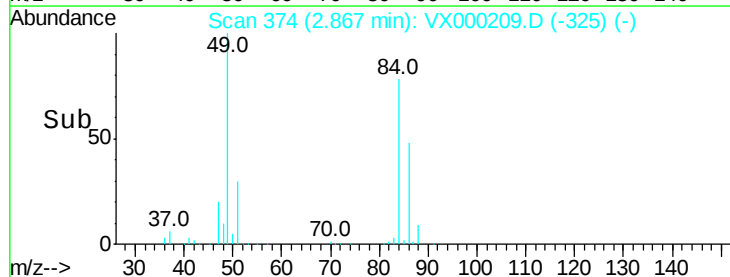
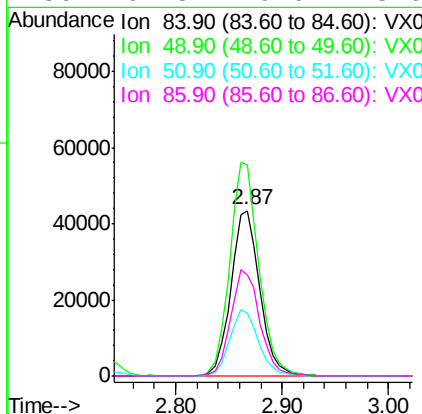
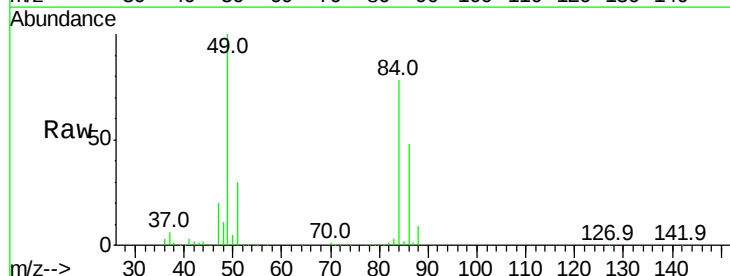
Instrument :
MSVOA_X
ClientSampled :

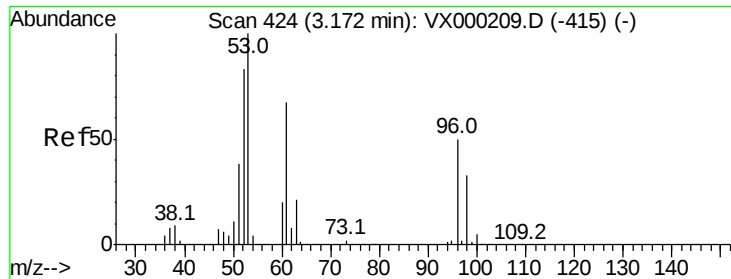
Tot Ion: 73 Resp: 275087
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 46.902 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 84 Resp: 82645
Ion Ratio Lower Upper
84 100
49 127.6 102.1 153.1
51 38.2 30.6 45.8
86 61.3 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.974 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

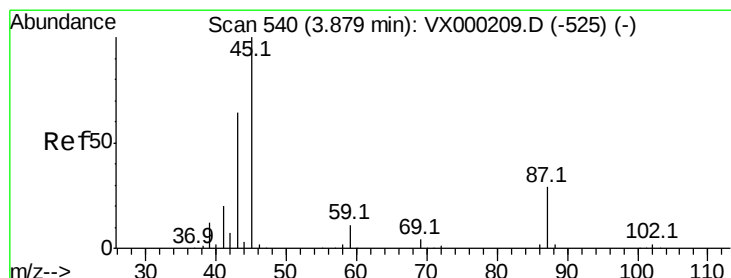
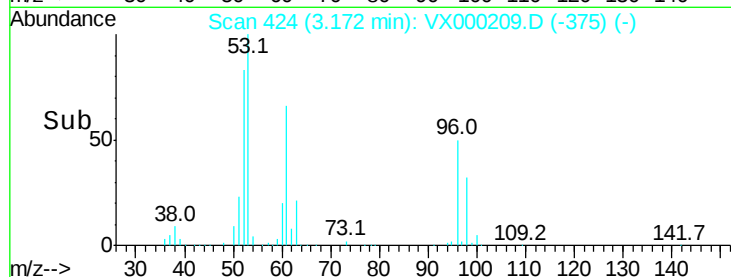
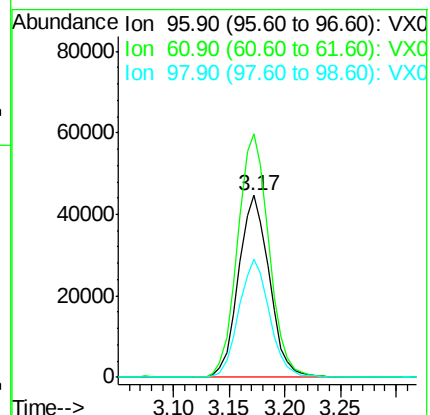
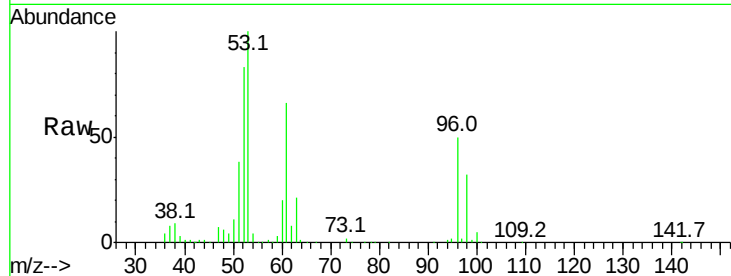
Tot Ion: 96 Resp: 85960

Ion Ratio Lower Upper

96 100

61 133.7 107.0 160.4

98 64.8 51.8 77.8



#22

Diisopropyl ether

Concen: 47.549 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion: 45 Resp: 219334

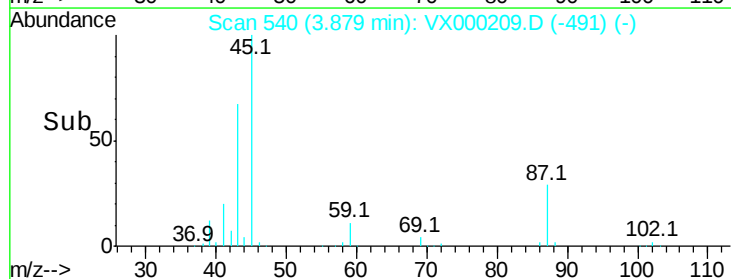
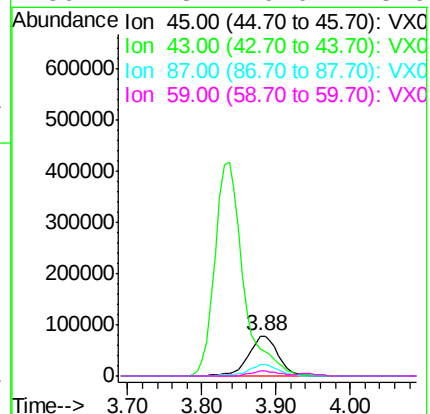
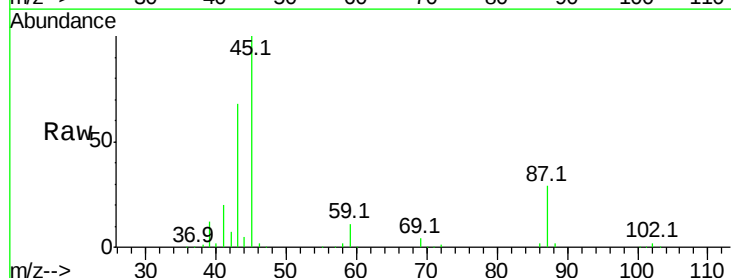
Ion Ratio Lower Upper

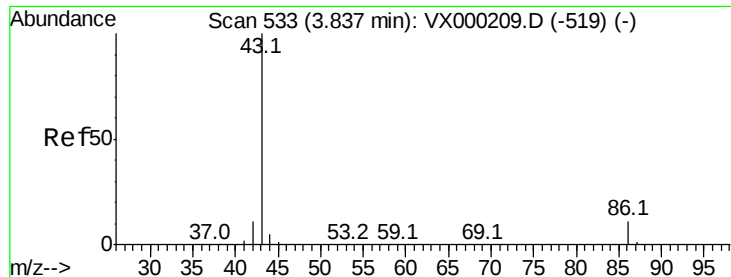
45 100

43 66.9 53.5 80.3

87 29.1 23.3 34.9

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 254.950 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

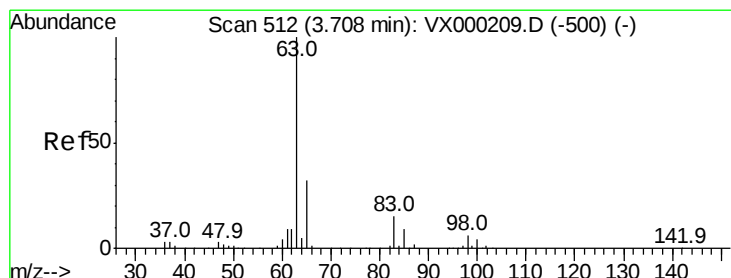
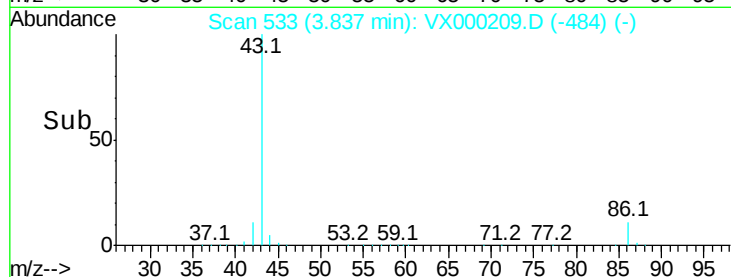
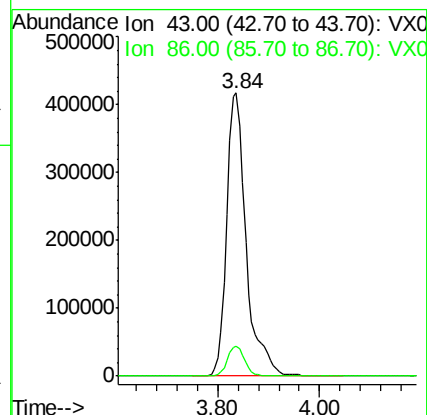
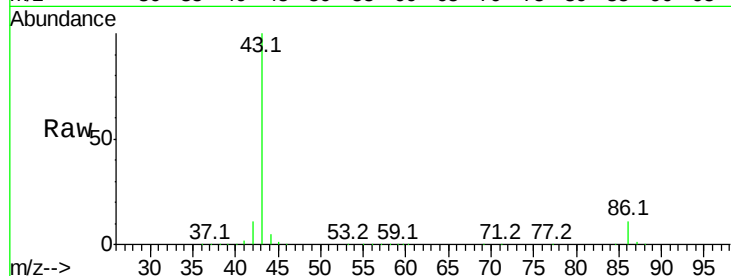
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1107679

Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



#24

1,1-Dichloroethane

Concen: 52.417 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

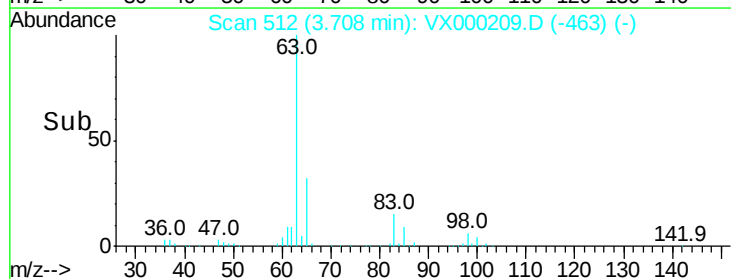
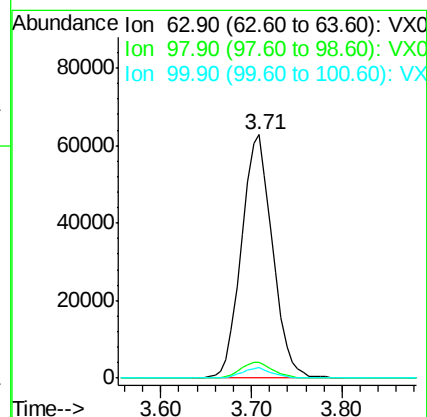
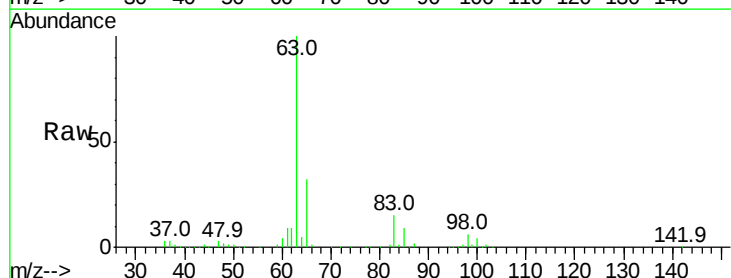
Tgt Ion: 63 Resp: 148701

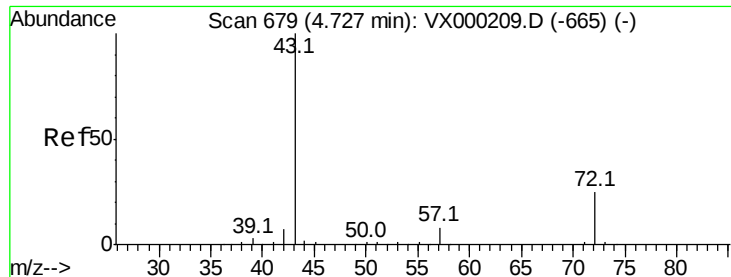
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 254.604 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

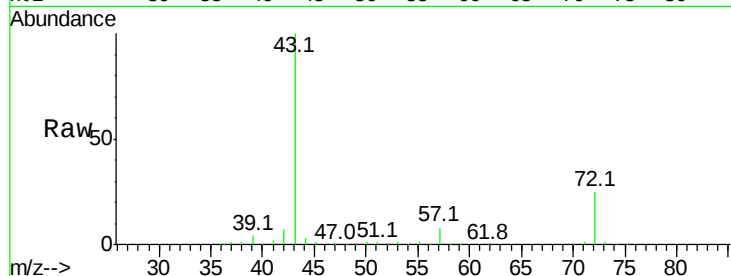
ClientSampleId :

Tot Ion: 43 Resp: 439210

Ion Ratio Lower Upper

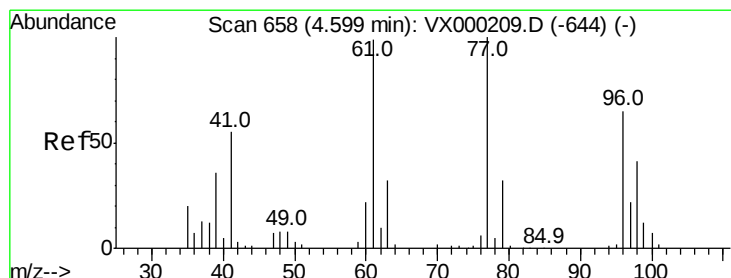
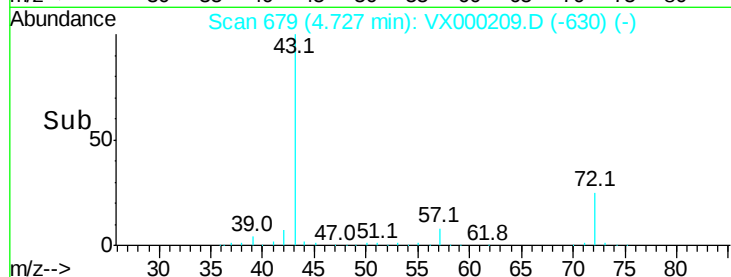
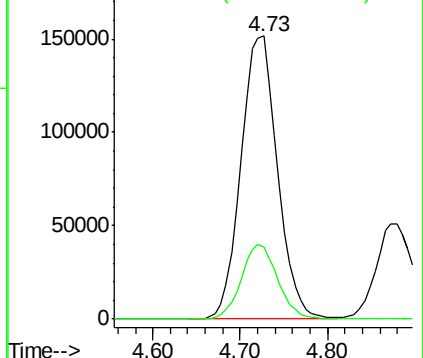
43 100

72 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.310 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000209.D

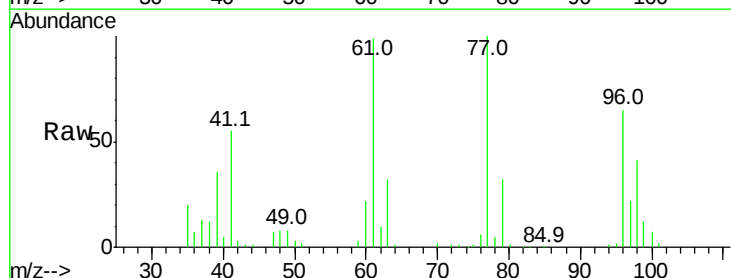
Acq: 07 Mar 2018 13:26

Tgt Ion: 77 Resp: 111649

Ion Ratio Lower Upper

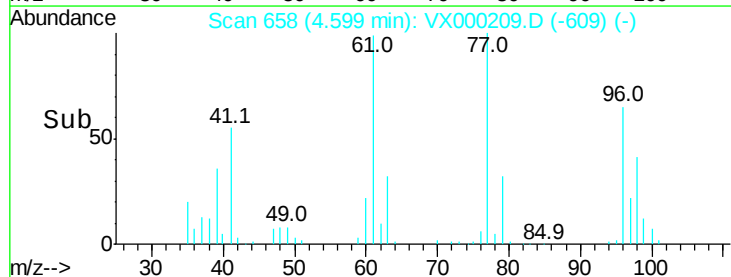
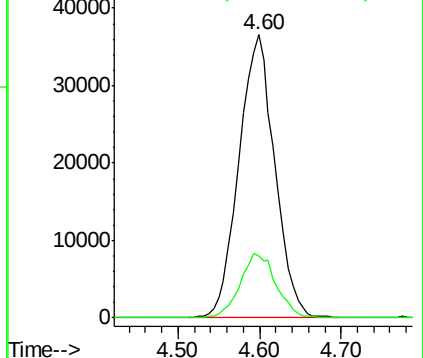
77 100

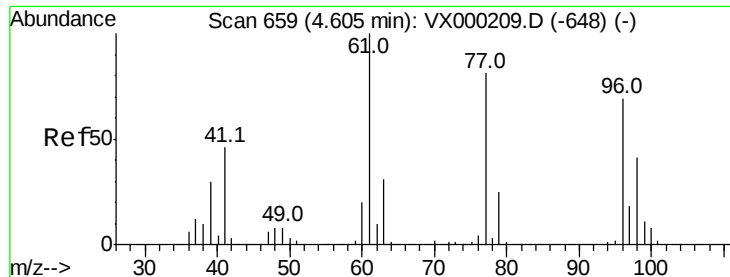
97 22.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



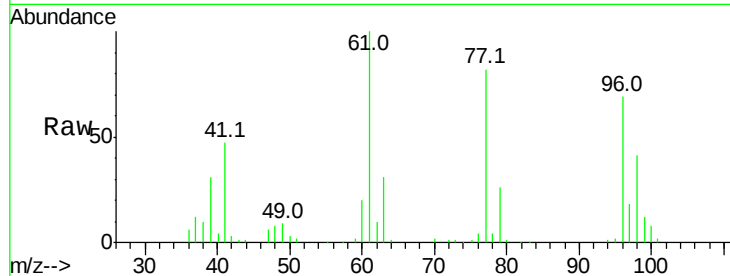


#27

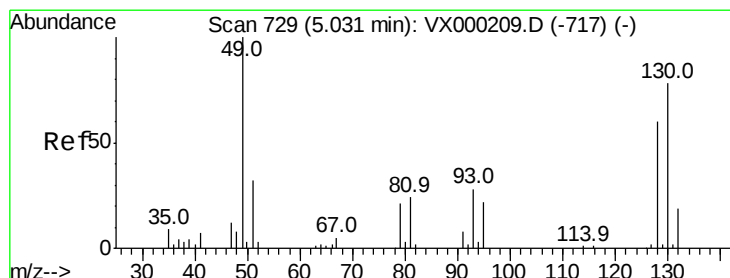
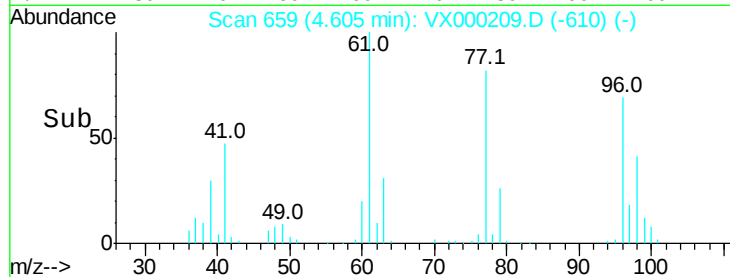
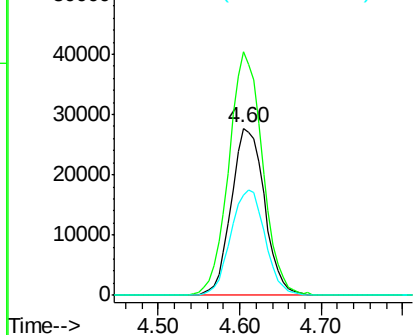
cis-1,2-Dichloroethene
Concen: 48.112 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 78131
Ion Ratio Lower Upper
96 100
61 148.2 0.0 296.4
98 65.3 0.0 130.6



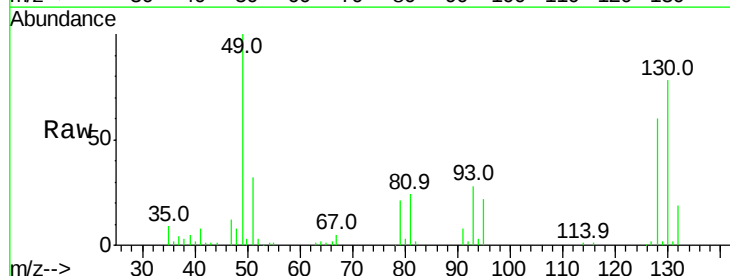
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



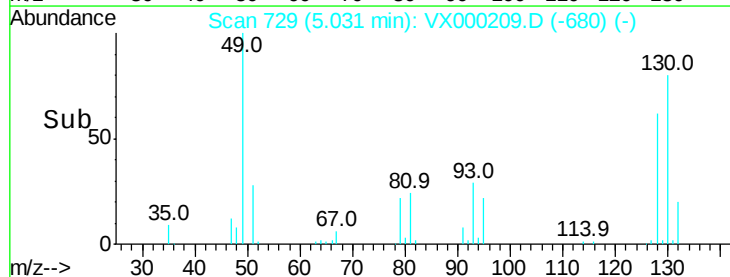
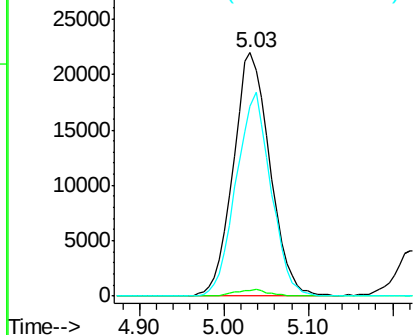
#28

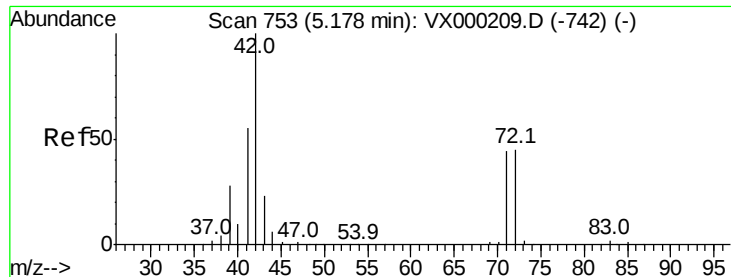
Bromochloromethane
Concen: 52.007 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 49 Resp: 64698
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 79.4 63.5 95.3



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

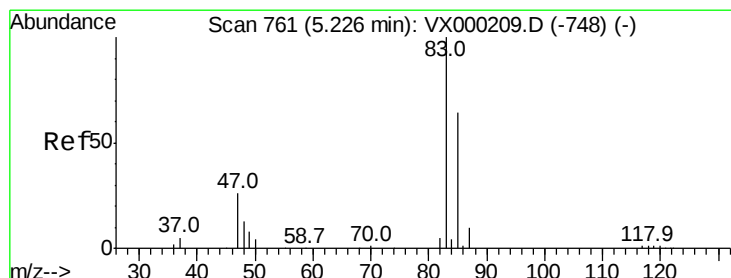
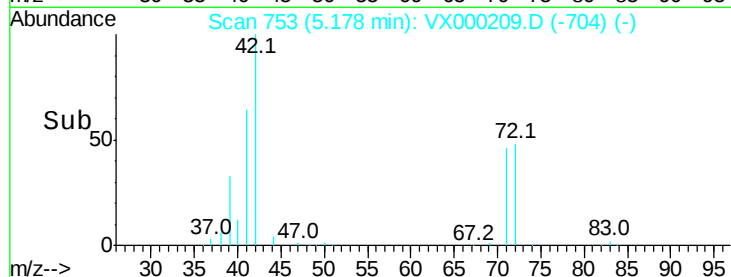
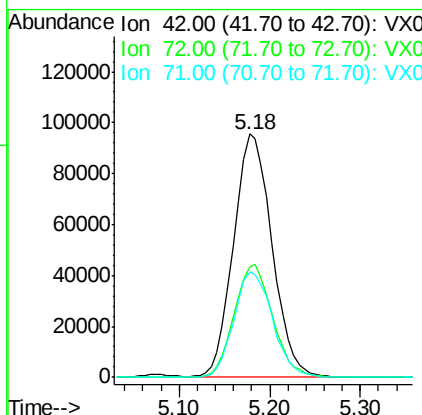
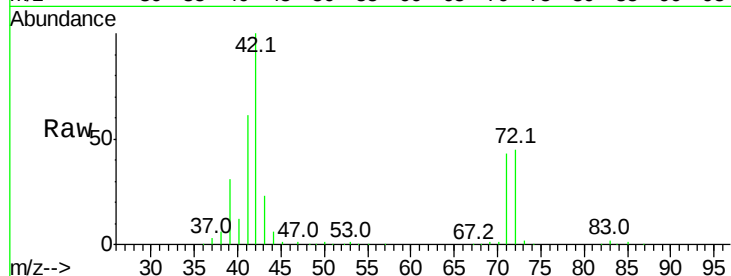




#29
Tetrahydrofuran
Concen: 250.741 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

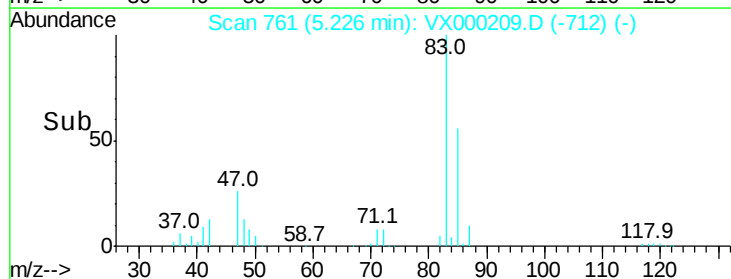
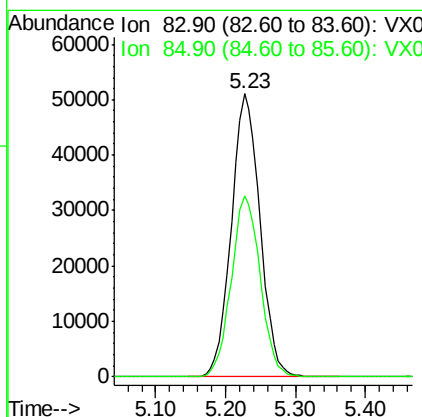
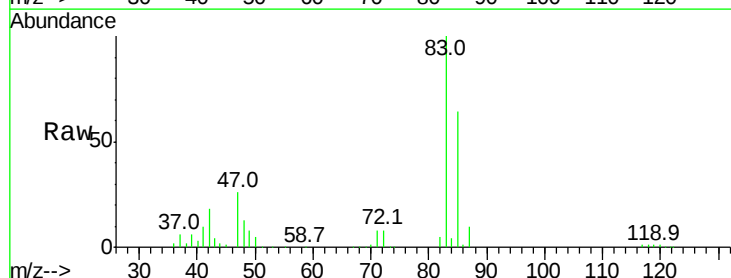
Instrument :
MSVOA_X
ClientSampleId :

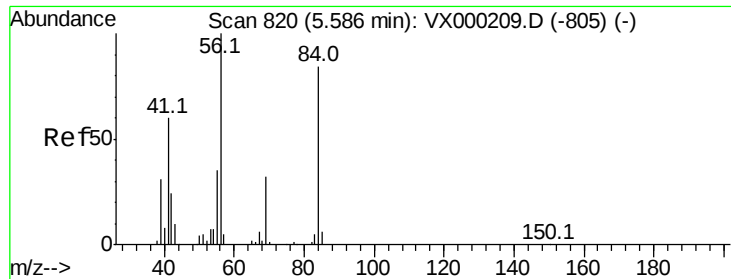
Tot Ion: 42 Resp: 280358
Ion Ratio Lower Upper
42 100
72 46.6 37.3 55.9
71 43.7 35.0 52.4



#30
Chloroform
Concen: 50.221 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 83 Resp: 145317
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6

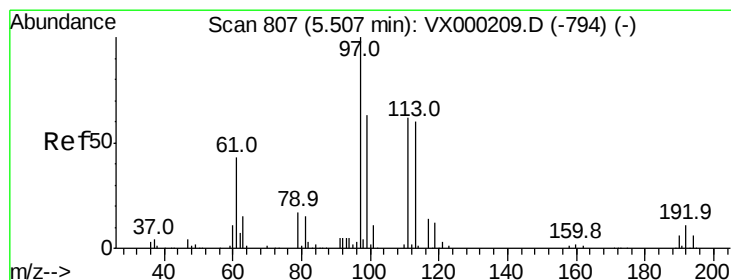
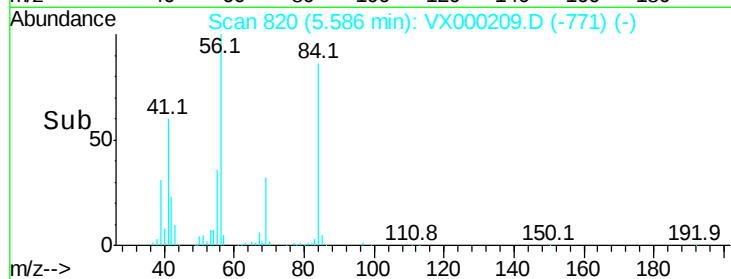
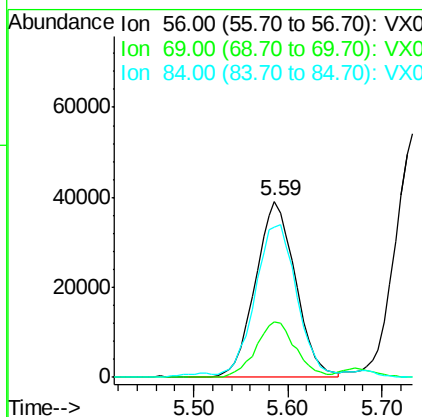
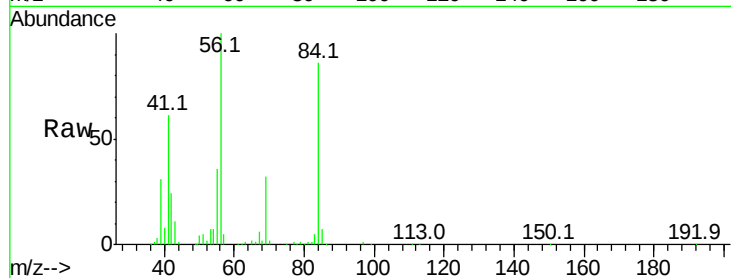




#31
Cyclohexane
Concen: 49.284 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

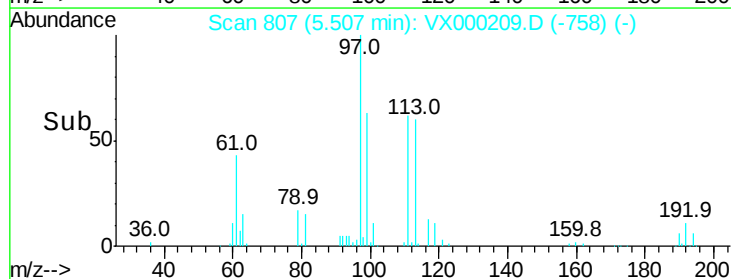
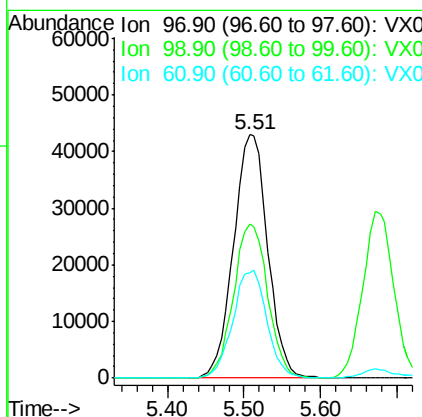
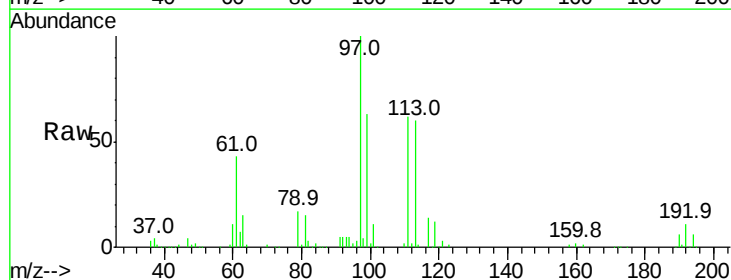
Instrument :
MSVOA_X
ClientSampleId :

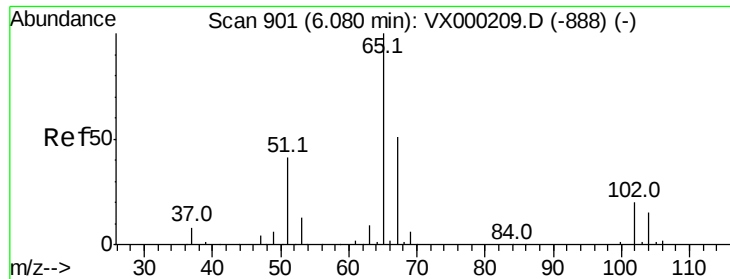
Tot Ion: 56 Resp: 116767
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 84.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.100 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 97 Resp: 132832
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 44.2 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 53.892 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

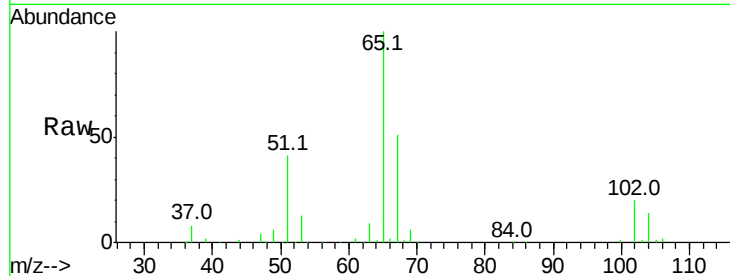
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 103434

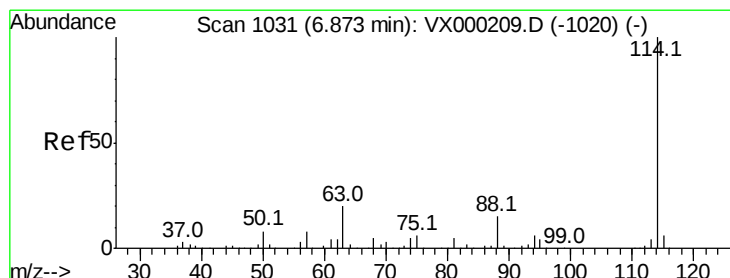
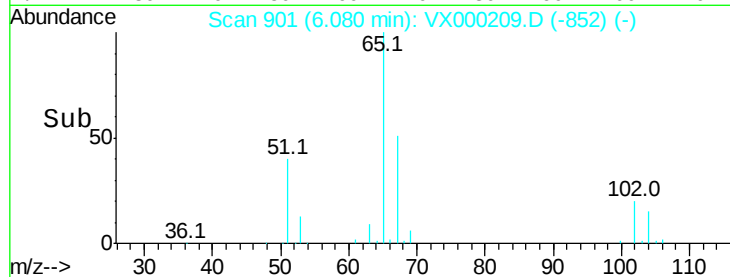
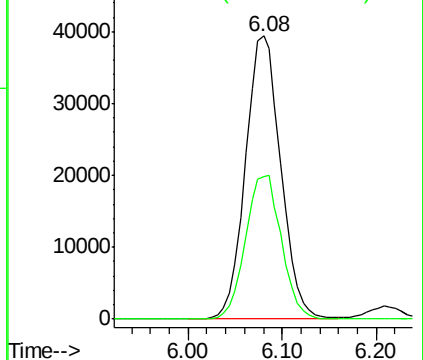
Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



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: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

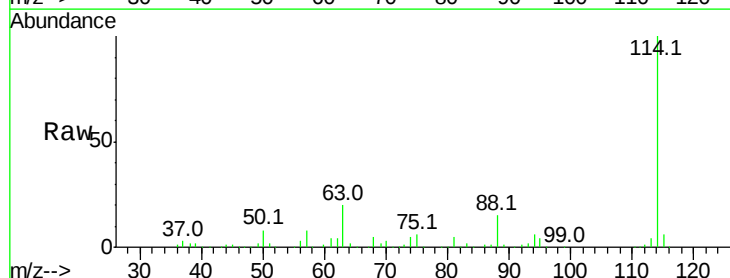
Tgt Ion: 114 Resp: 252700

Ion Ratio Lower Upper

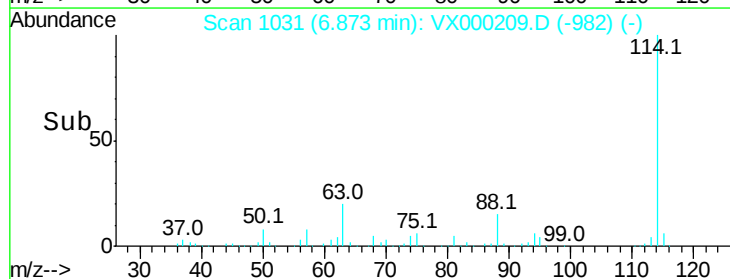
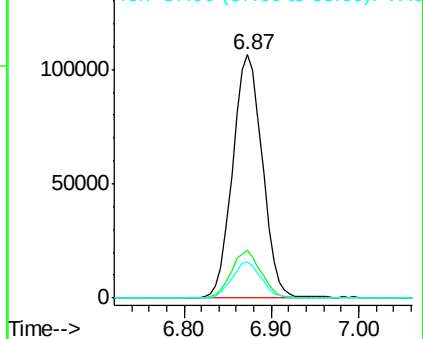
114 100

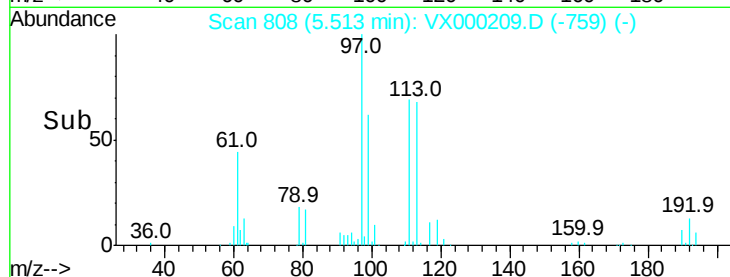
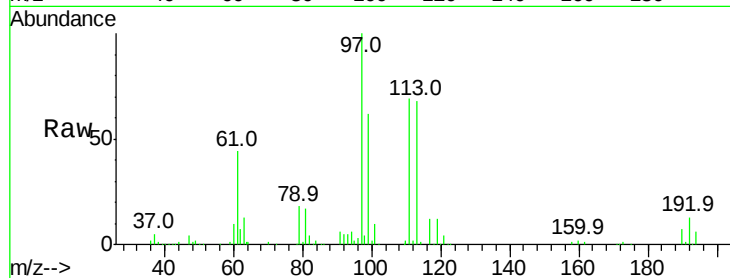
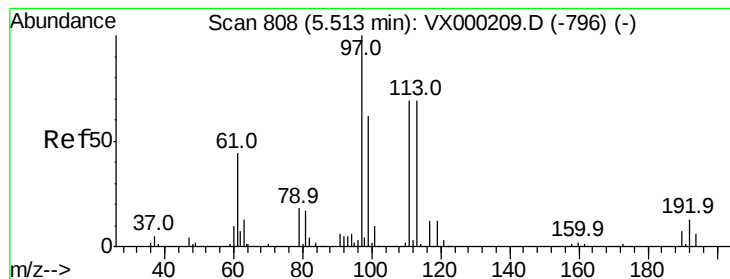
63 19.6 0.0 39.2

88 14.9 0.0 29.8



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: 50.848 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

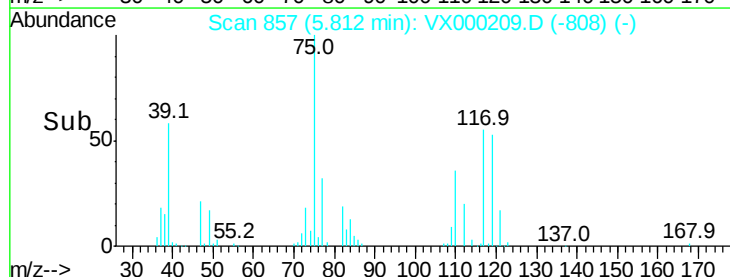
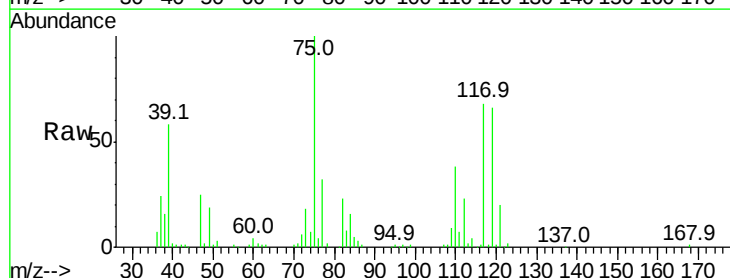
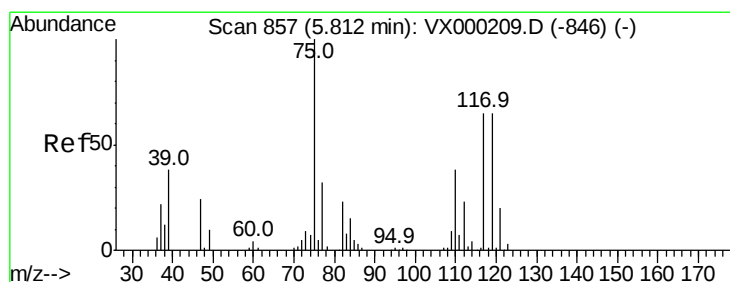
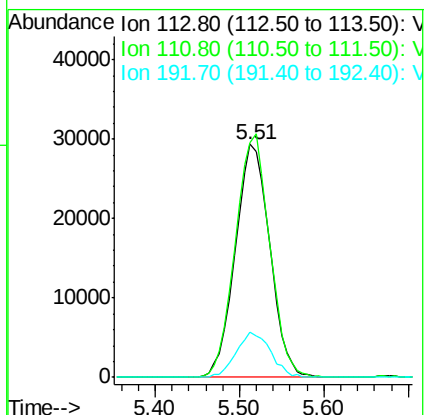
Tot Ion:113 Resp: 81379

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

192 19.4 15.5 23.3



#36

1,1-Dichloropropene

Concen: 48.118 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

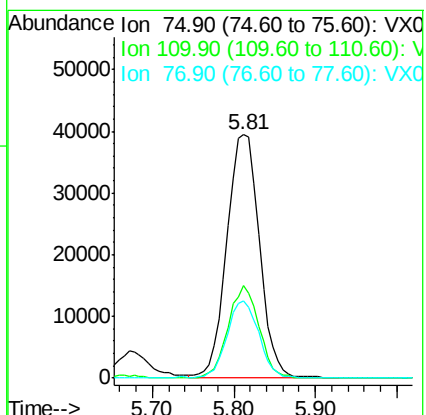
Tgt Ion: 75 Resp: 109346

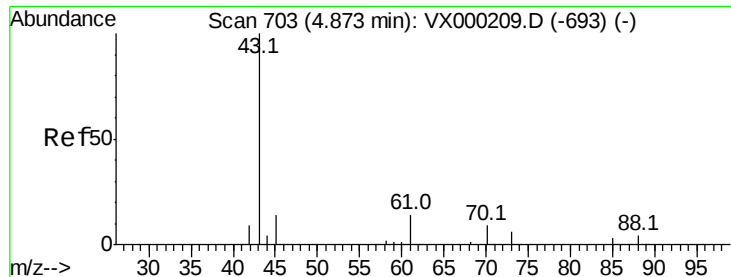
Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.5

77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 47.775 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

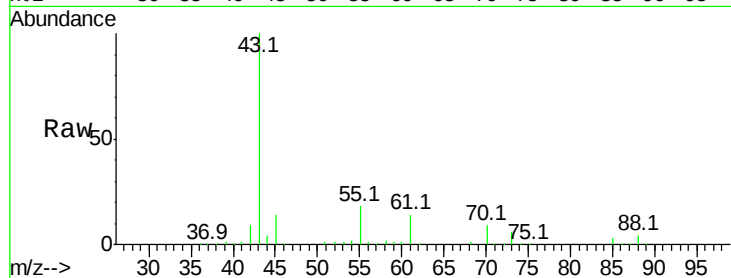
Tot Ion: 43 Resp: 149759

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

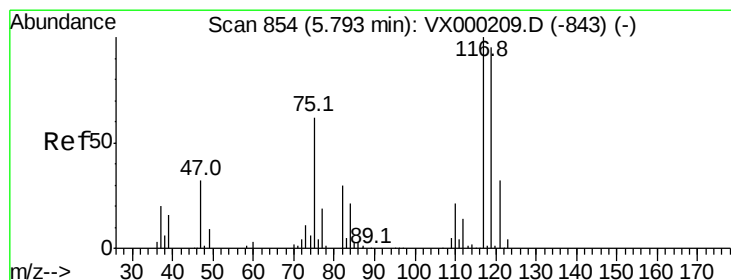
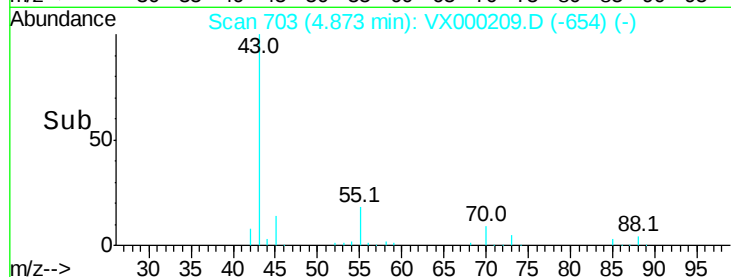
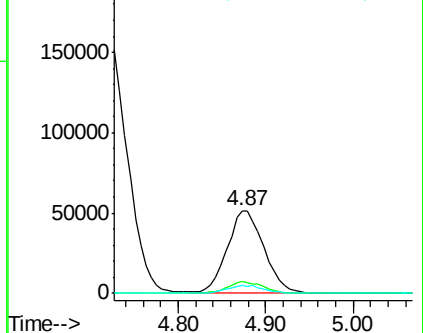
70 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX000209.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX000209.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX000209.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 47.304 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

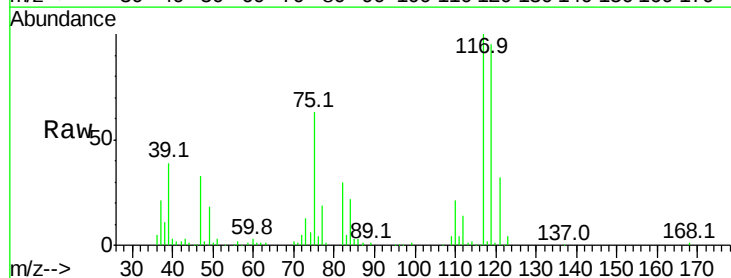
Tgt Ion: 117 Resp: 114833

Ion Ratio Lower Upper

117 100

119 94.9 75.9 113.9

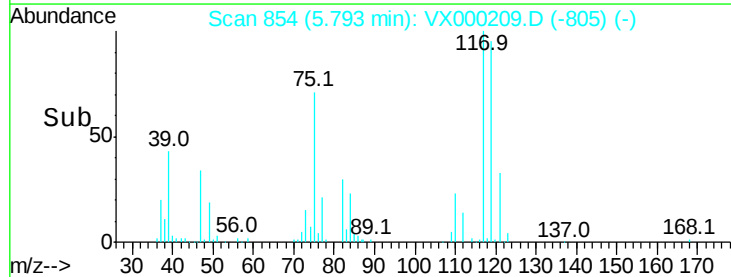
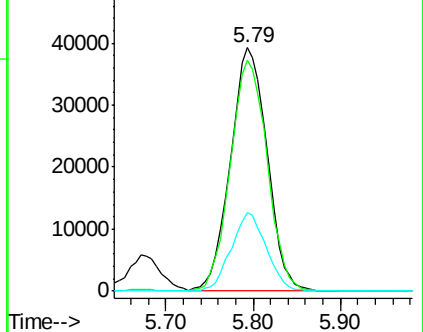
121 32.2 25.8 38.6

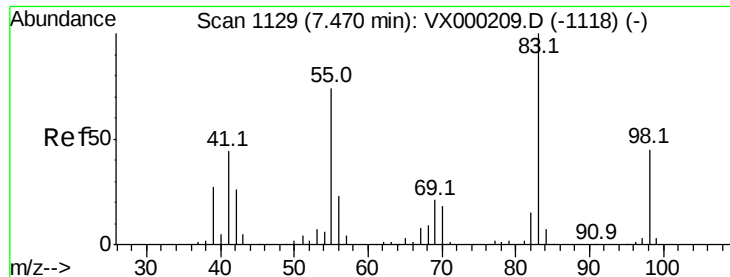


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000209.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000209.D (-843) (-)

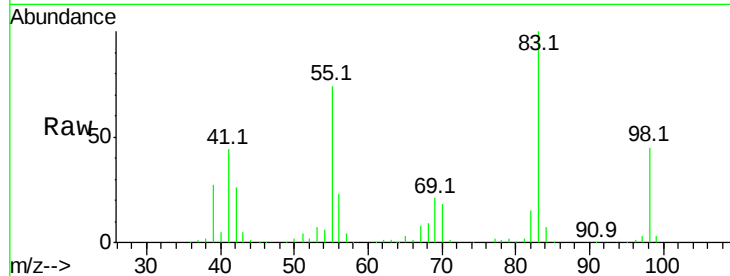




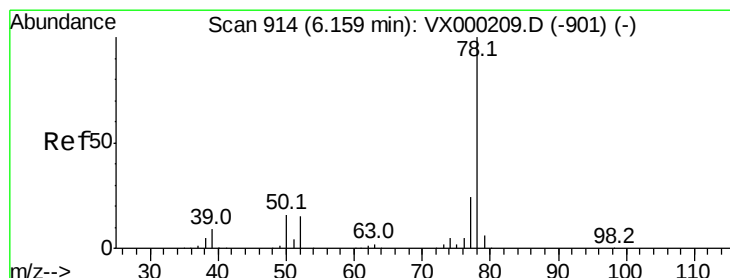
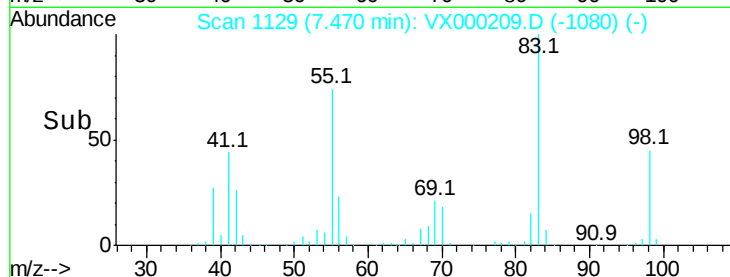
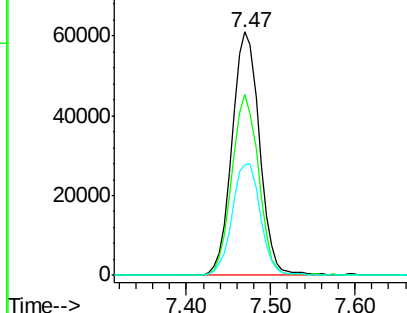
#39
Methvlcvclohexane
Concen: 49.058 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 134577
Ion Ratio Lower Upper
83 100
55 74.2 59.4 89.0
98 45.4 36.3 54.5

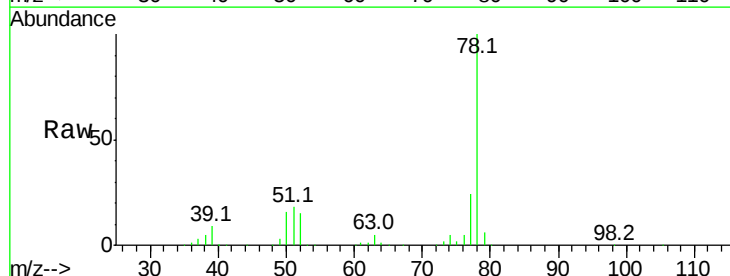


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

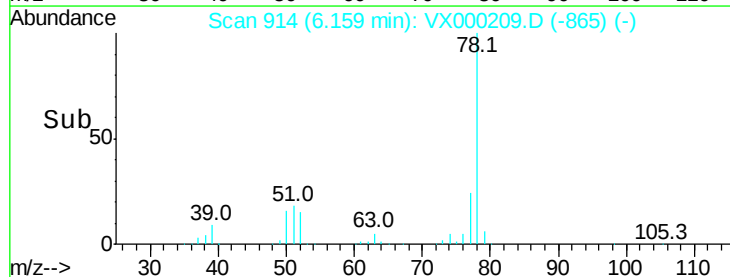
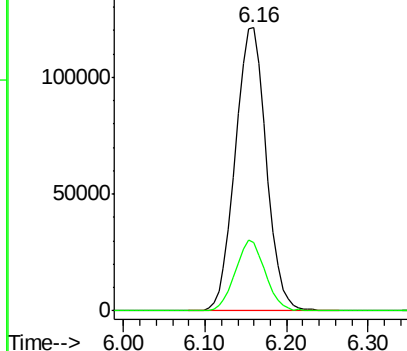


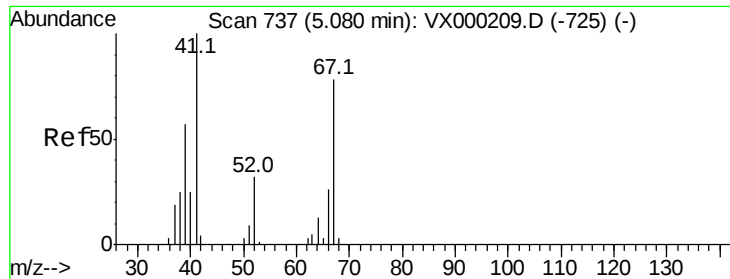
#40
Benzene
Concen: 49.060 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 78 Resp: 319092
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 46.981 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 76937

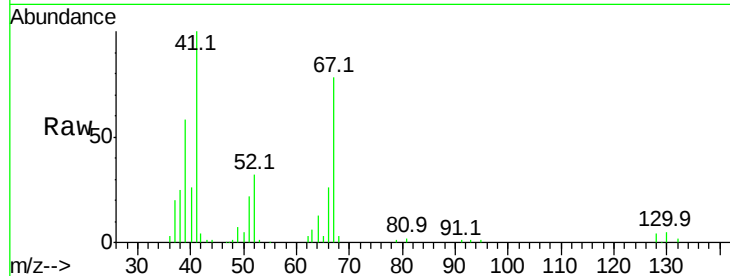
Ion	Ratio	Lower	Upper
41	100		
39	59.7	47.8	71.6
67	74.1	59.3	88.9
52	33.0	26.4	39.6

41 100

39 59.7 47.8 71.6

67 74.1 59.3 88.9

52 33.0 26.4 39.6

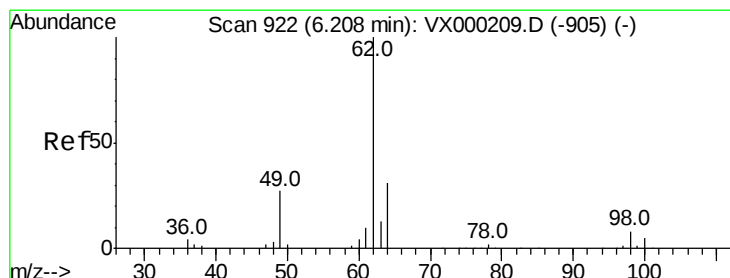
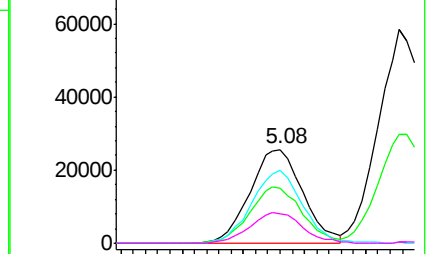
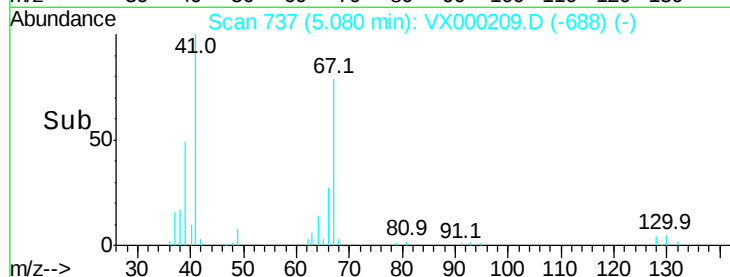


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.526 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000209.D

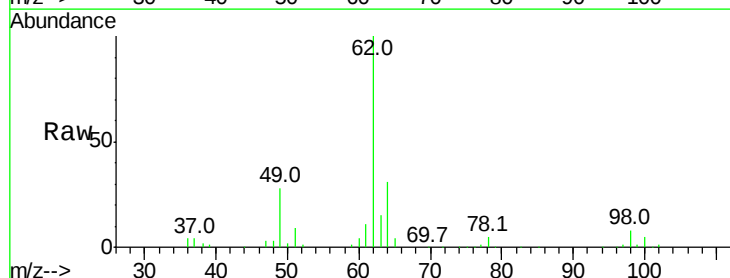
Acq: 07 Mar 2018 13:26

Tgt Ion: 62 Resp: 124159

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2

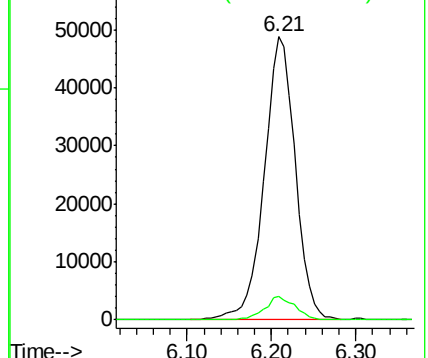
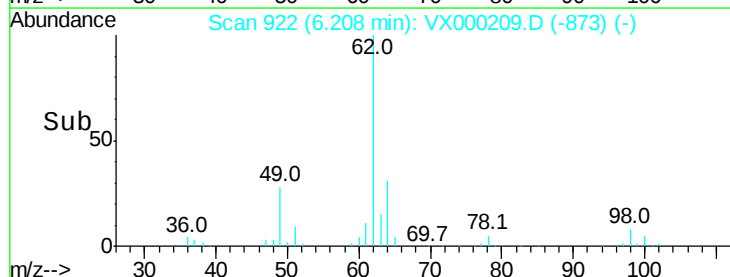
62 100

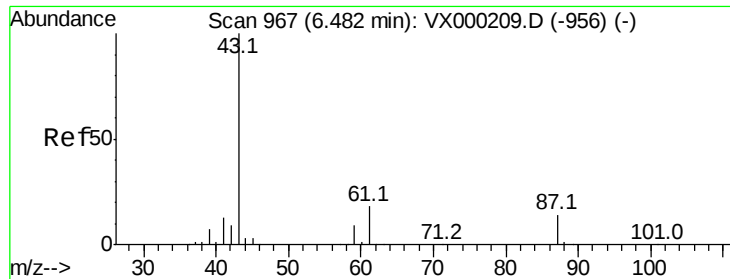
98 8.1 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



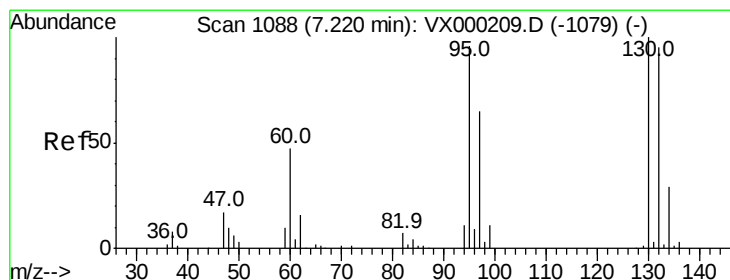
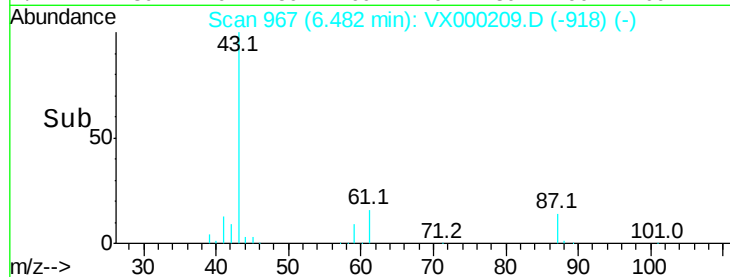
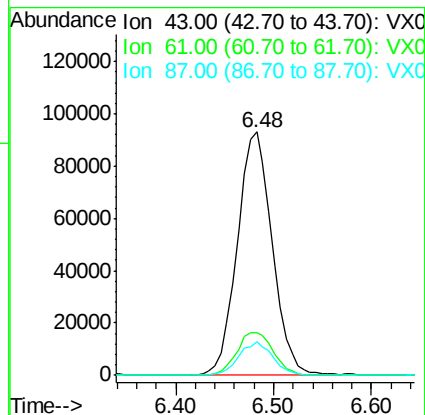
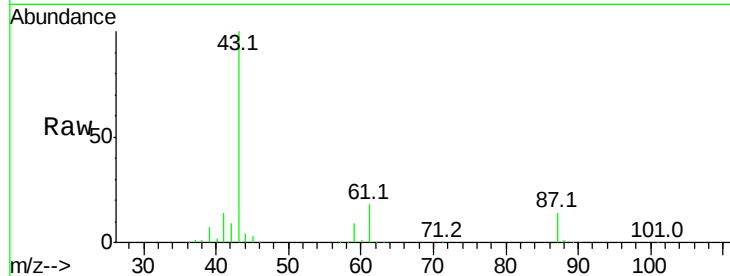


#43

Isopropyl Acetate
 Concen: 50.568 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :

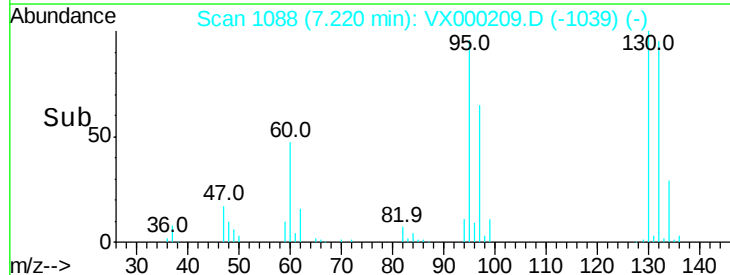
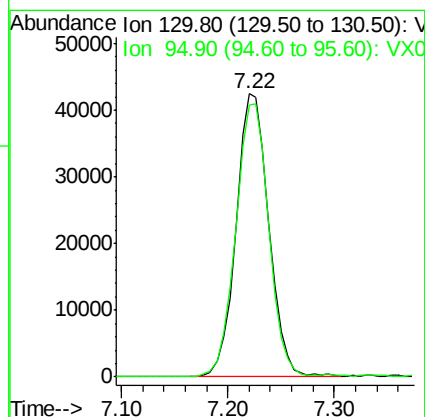
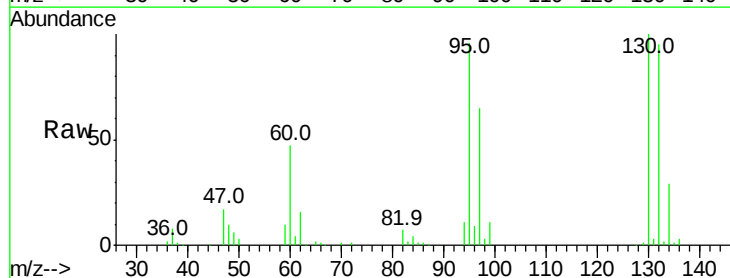
Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	18.5	13.3
Lower		14.8	10.6
Upper		22.2	16.0

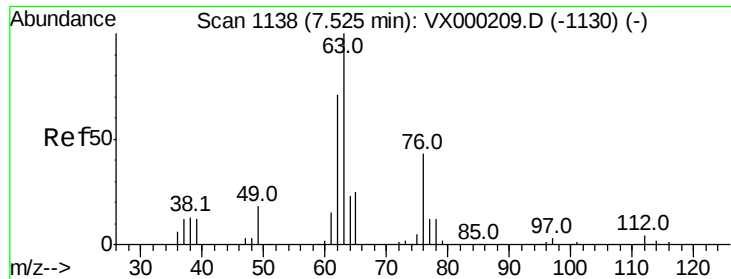


#44

Trichloroethene
 Concen: 47.963 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	130	95
Ion	130	95
Ratio	100	95.9
Lower		0.0
Upper		191.8

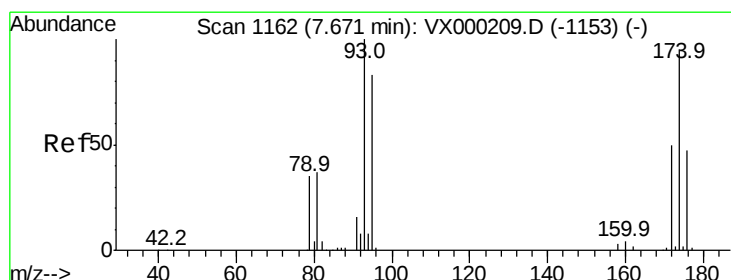
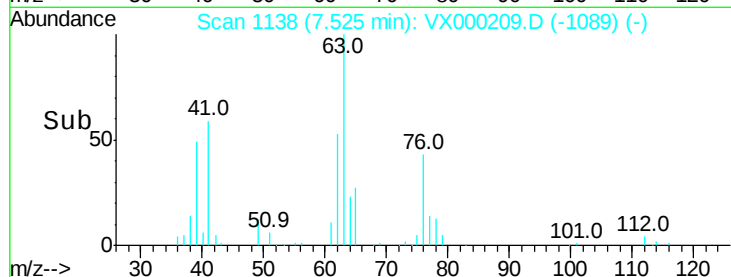
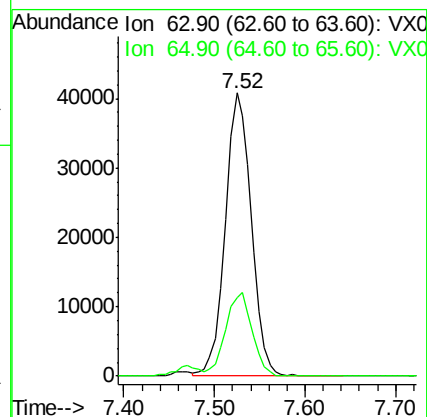
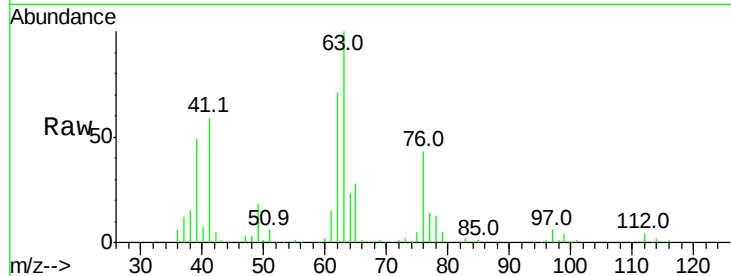




#45
 1,2-Dichloropropane
 Concen: 50.917 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

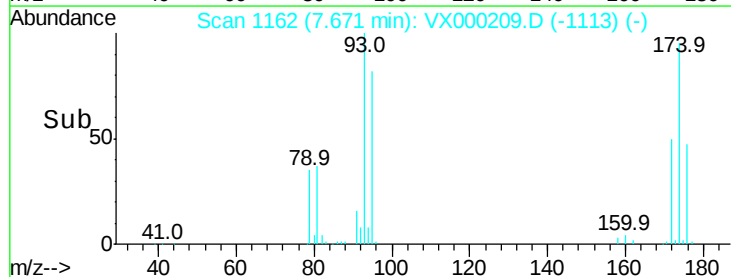
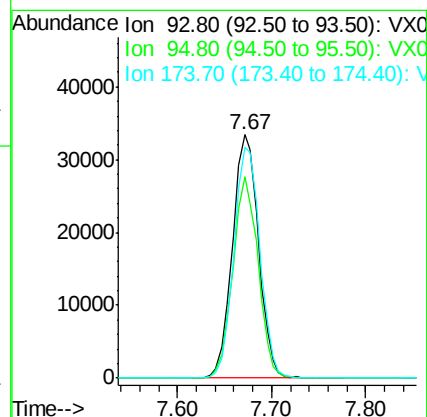
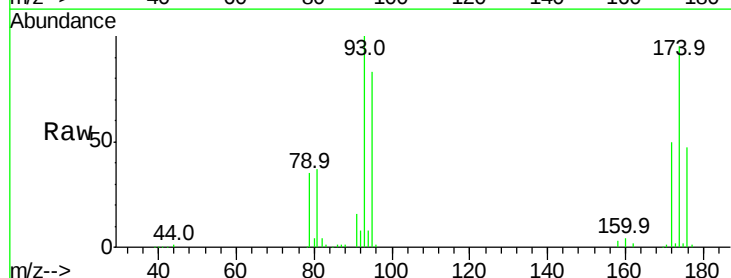
Instrument :
 MSVOA_X
 ClientSampleId :

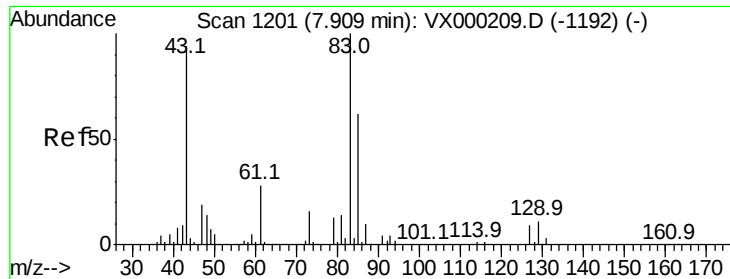
Tot Ion: 63 Resp: 81528
 Ion Ratio Lower Upper
 63 100
 65 27.9 22.3 33.5



#46
 Dibromomethane
 Concen: 51.385 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion: 93 Resp: 64238
 Ion Ratio Lower Upper
 93 100
 95 80.1 64.1 96.1
 174 94.8 75.8 113.8





#47

Bromodichloromethane

Concen: 51.950 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

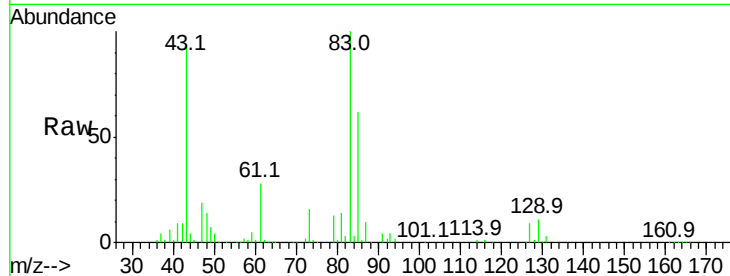
Tot Ion: 83 Resp: 119687

Ion Ratio Lower Upper

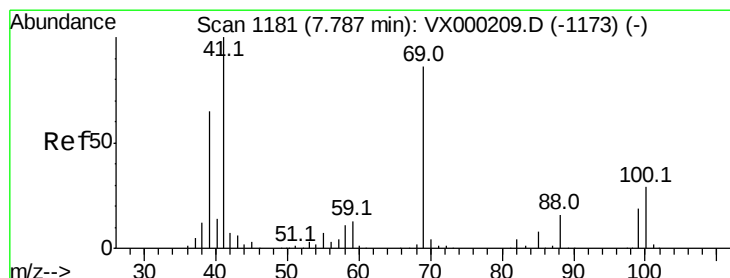
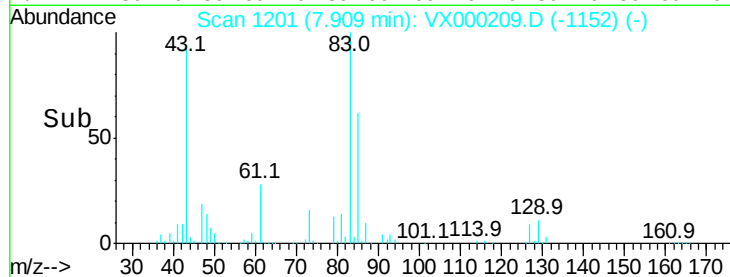
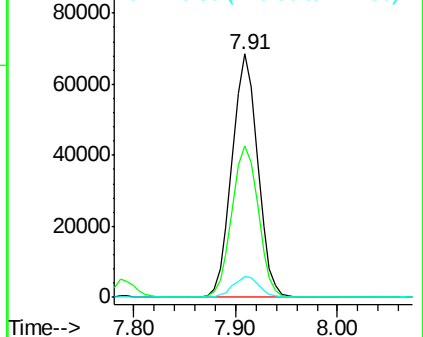
83 100

85 62.0 49.6 74.4

127 8.7 7.0 10.4



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: 50.074 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

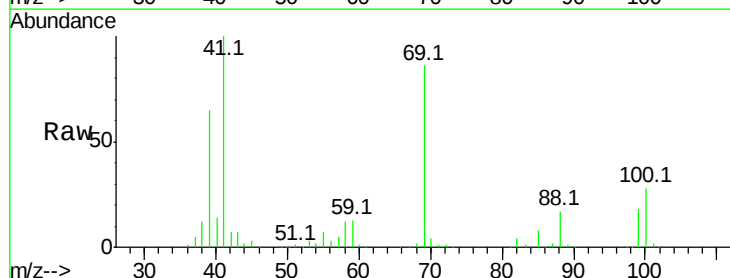
Tgt Ion: 41 Resp: 111108

Ion Ratio Lower Upper

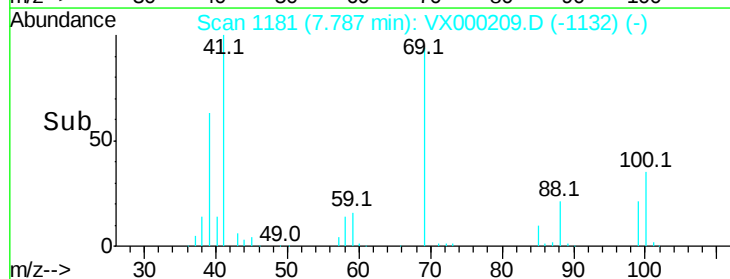
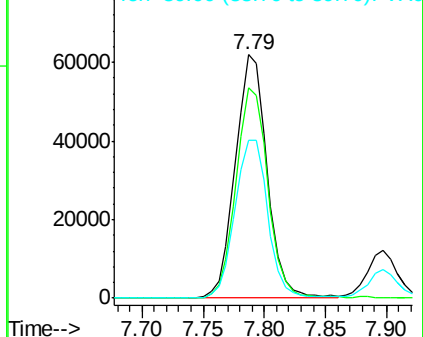
41 100

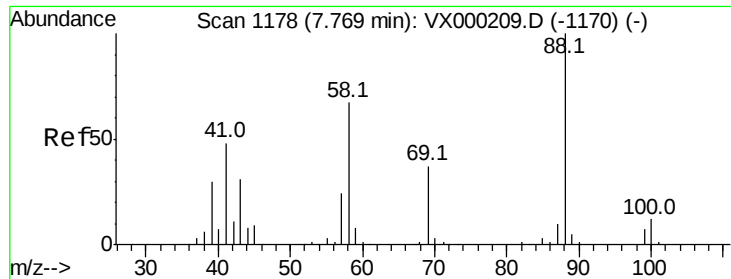
69 87.5 70.0 105.0

39 67.0 53.6 80.4



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

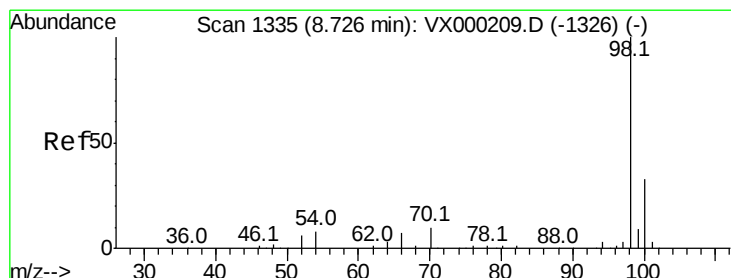
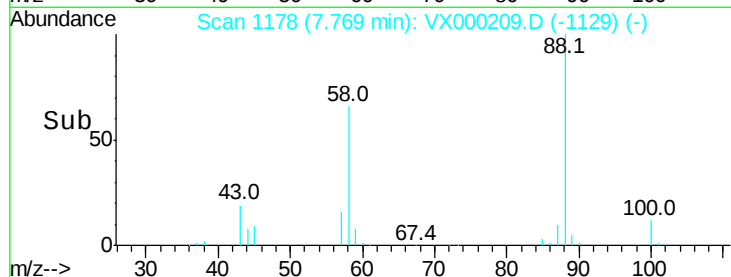
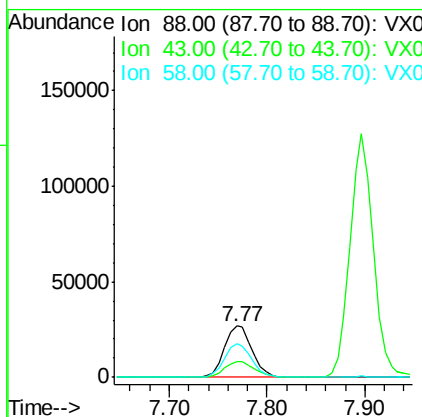
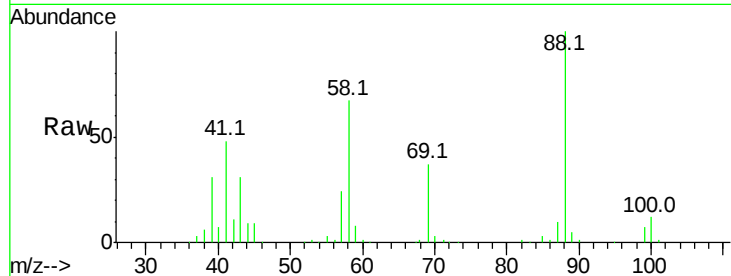




#49
1,4-Dioxane
Concen: 921.887 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

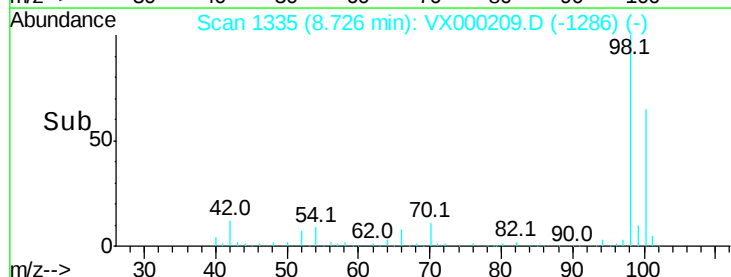
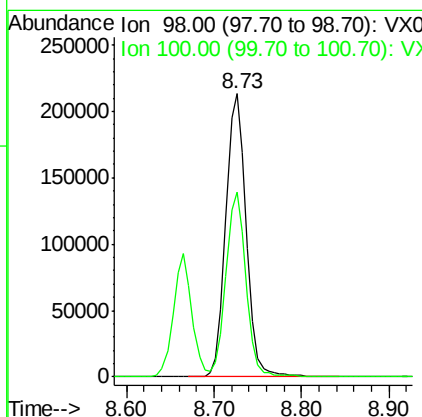
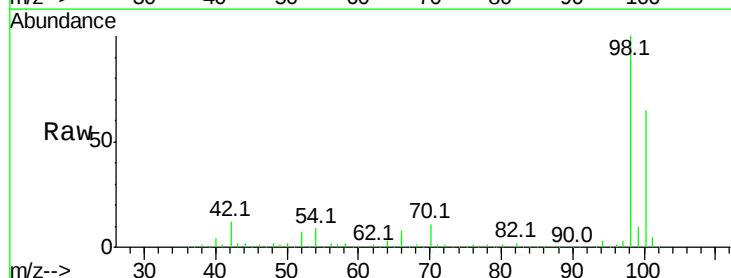
Instrument :
MSVOA_X
ClientSampled :

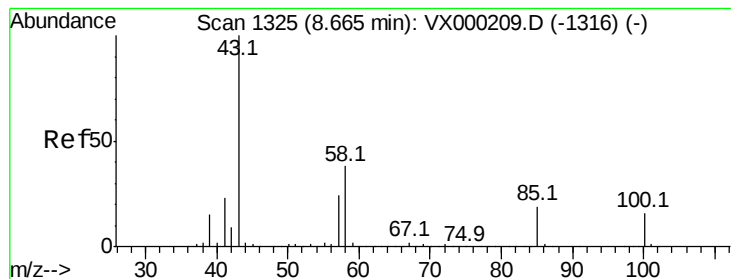
Tot Ion: 88 Resp: 52571
Ion Ratio Lower Upper
88 100
43 33.6 26.9 40.3
58 65.3 52.2 78.4



#50
Toluene-d8
Concen: 53.636 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 98 Resp: 344242
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 267.409 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

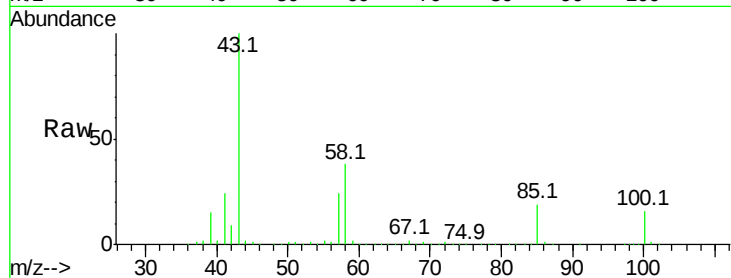
ClientSampleId :

Tot Ion: 43 Resp: 895510

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

400000

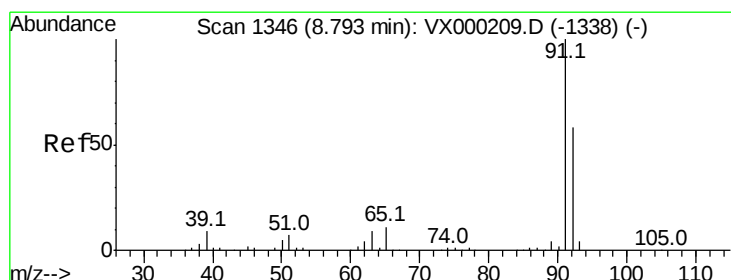
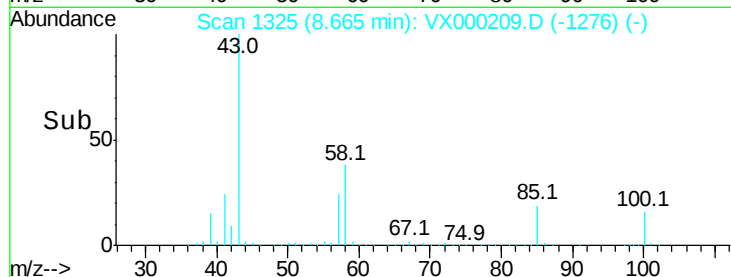
200000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 52.199 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000209.D

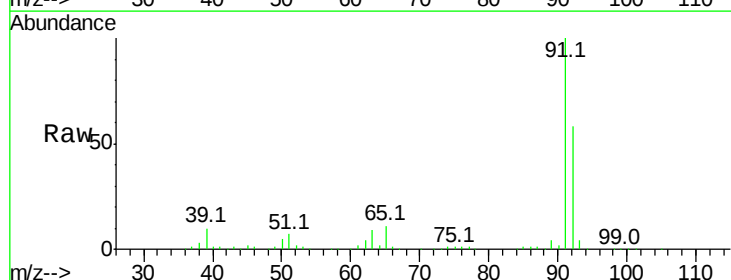
Acq: 07 Mar 2018 13:26

Tgt Ion: 92 Resp: 228366

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

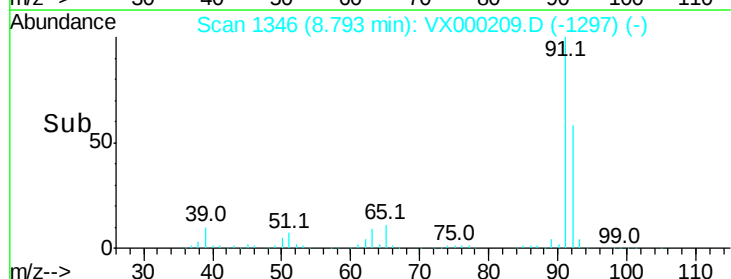
50000

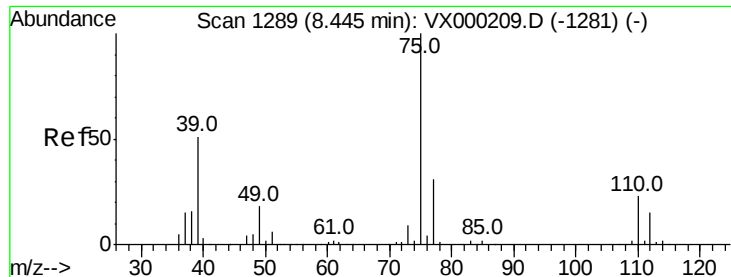
0

8.79

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.048 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

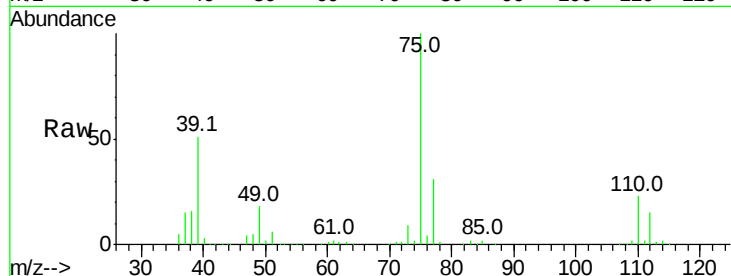
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 138217

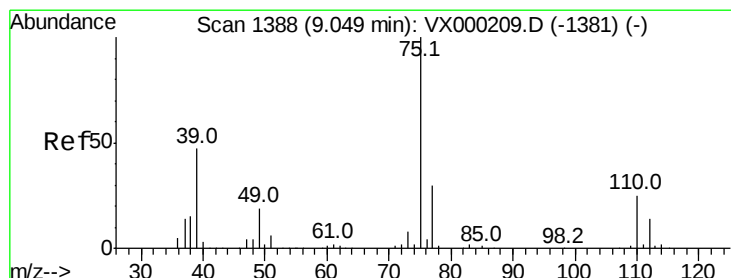
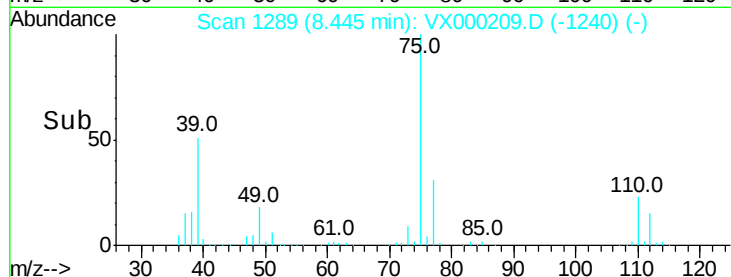
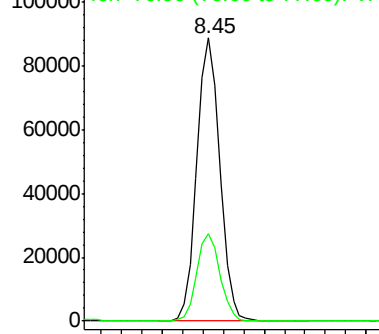
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.584 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

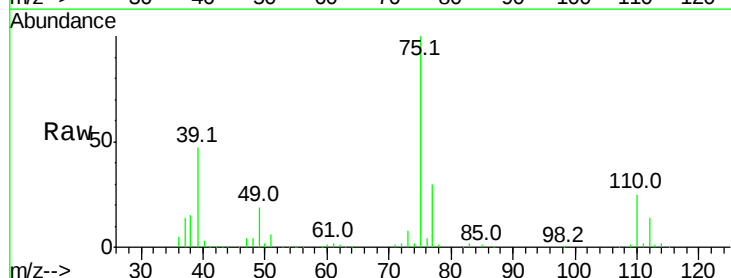
Tgt Ion: 75 Resp: 141314

Ion Ratio Lower Upper

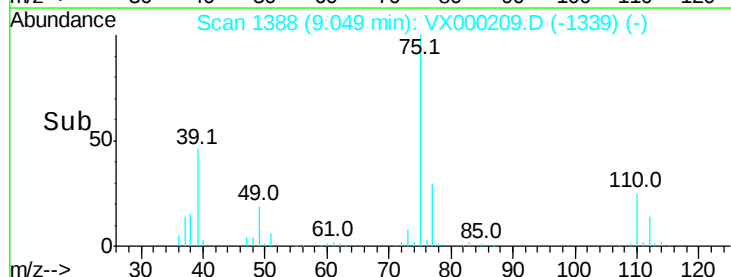
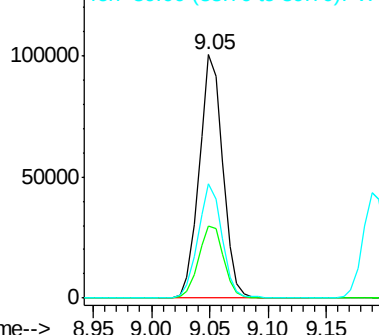
75 100

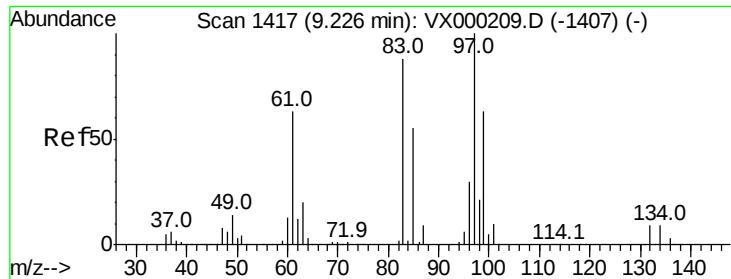
77 29.9 23.9 35.9

39 46.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

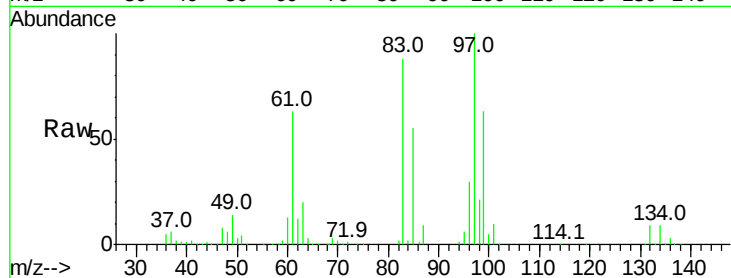




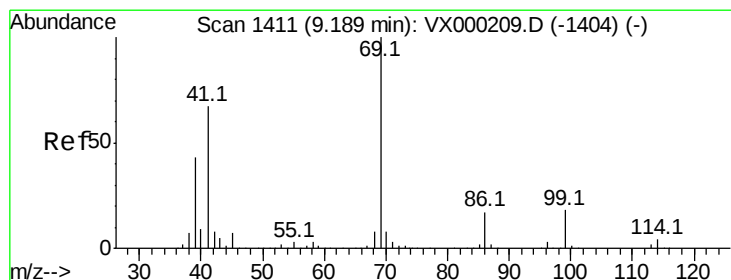
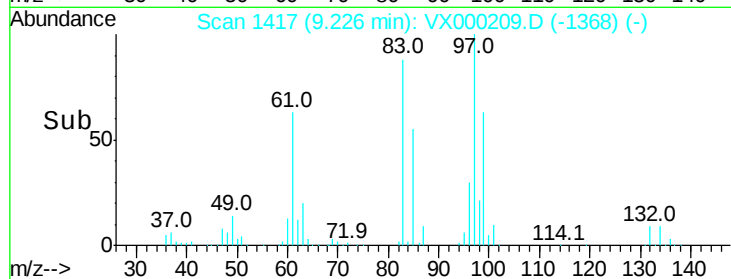
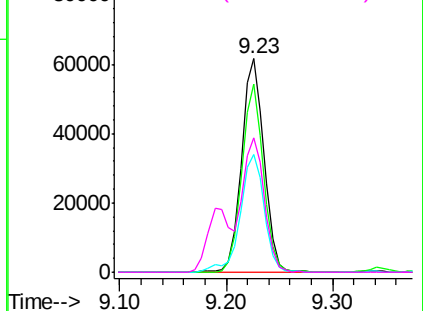
#55
 1,1,2-Trichloroethane
 Concen: 50.563 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 91039
 Ion Ratio Lower Upper
 97 100
 83 88.0 70.4 105.6
 85 54.9 43.9 65.9
 99 63.1 50.5 75.7

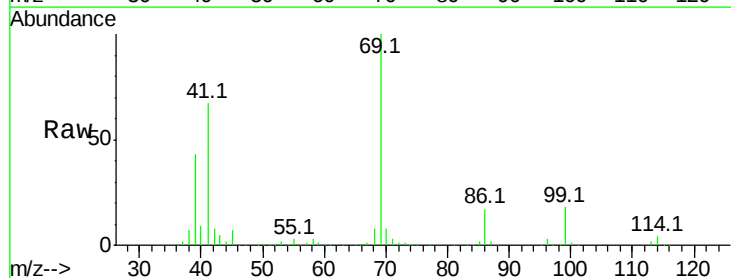


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

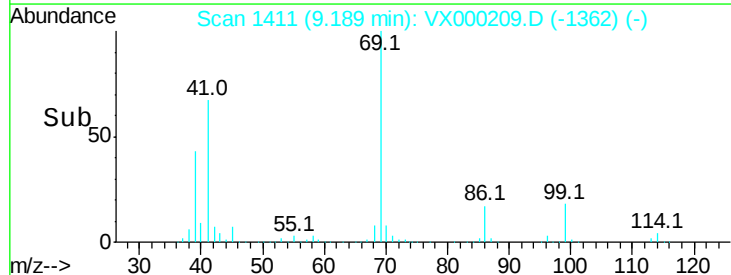
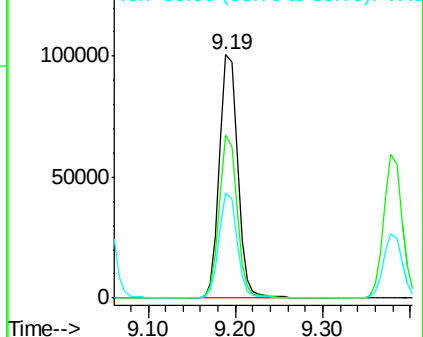


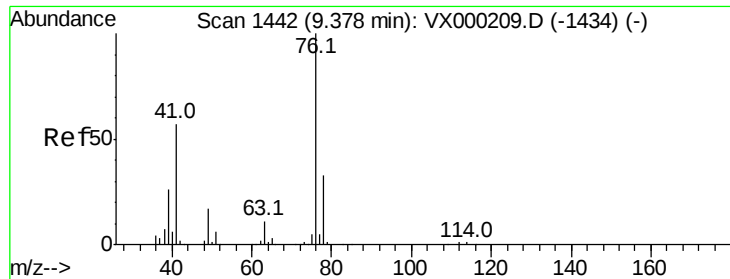
#56
 Ethyl methacrylate
 Concen: 52.635 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion: 69 Resp: 145720
 Ion Ratio Lower Upper
 69 100
 41 65.2 52.2 78.2
 39 42.9 34.3 51.5



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: 51.492 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

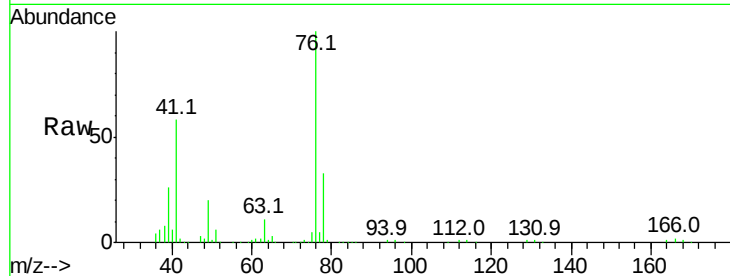
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 147621

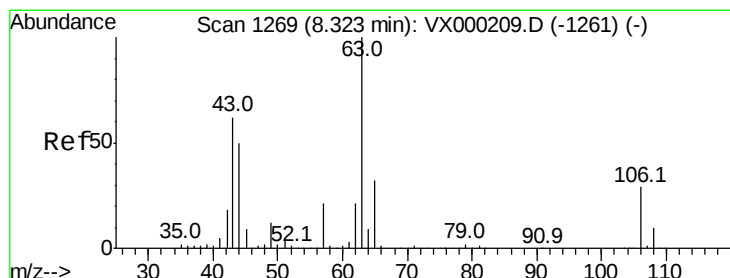
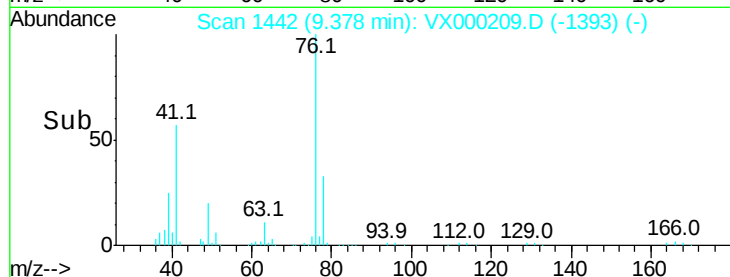
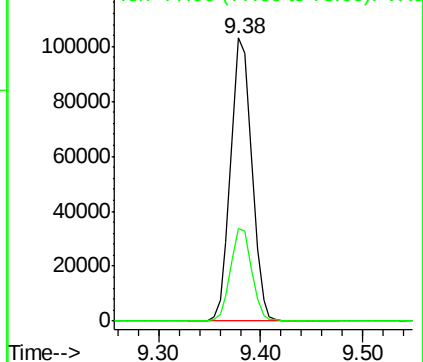
Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.269 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000209.D

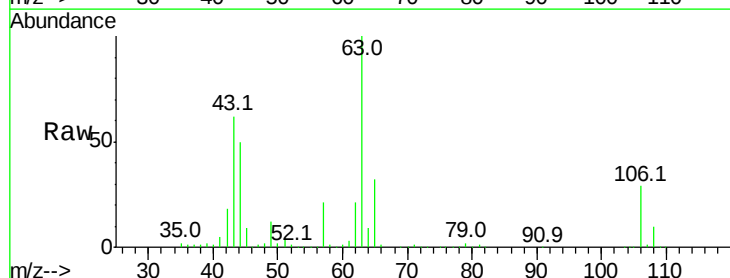
Acq: 07 Mar 2018 13:26

Tgt Ion: 63 Resp: 351009

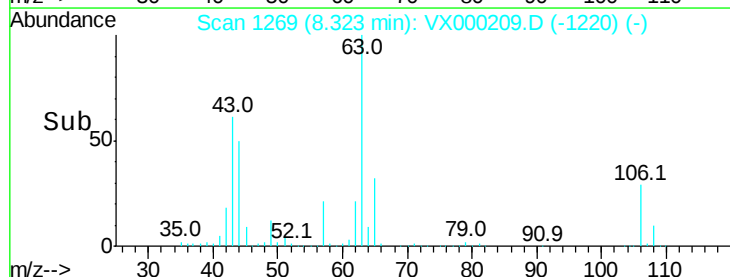
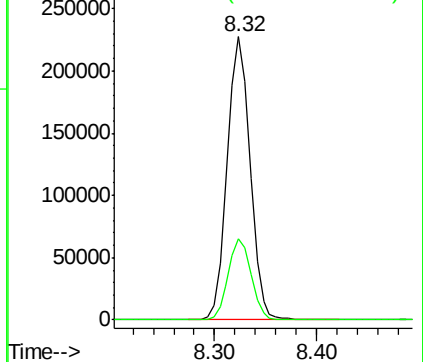
Ion Ratio Lower Upper

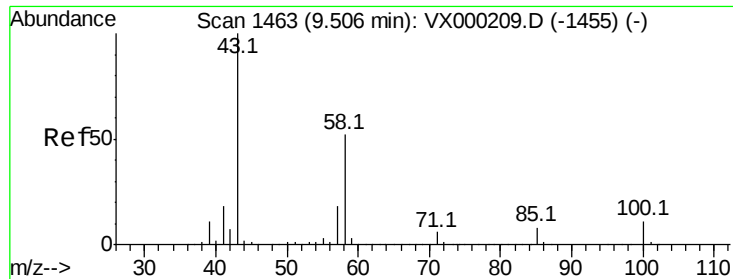
63 100

106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

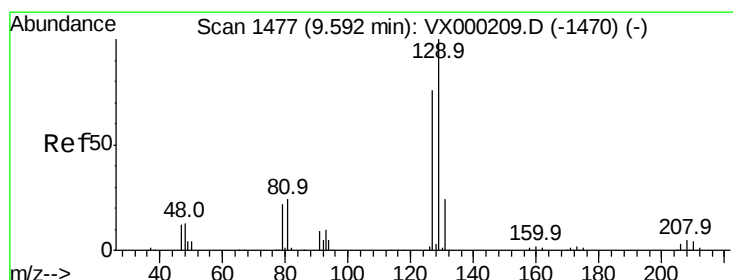
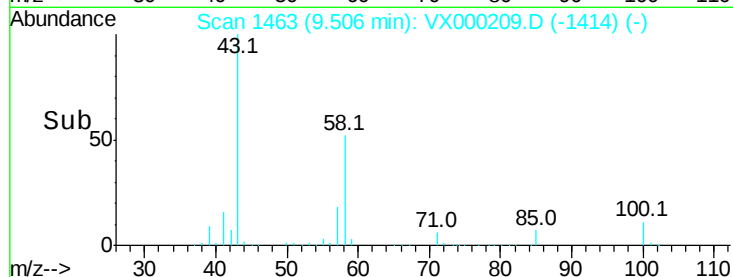
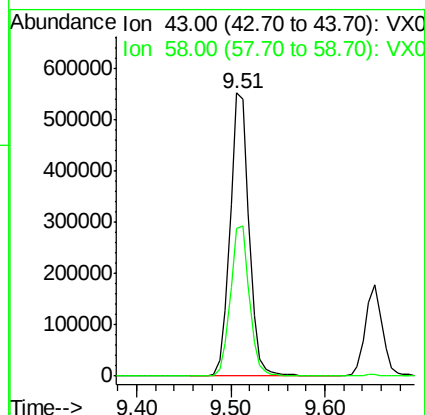
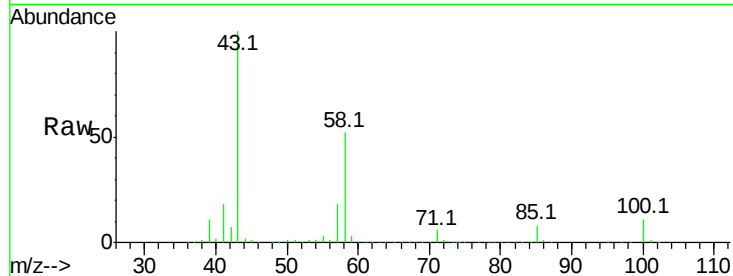




#59
2-Hexanone
Concen: 271.039 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

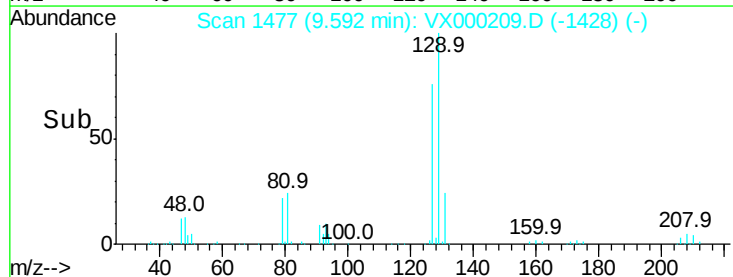
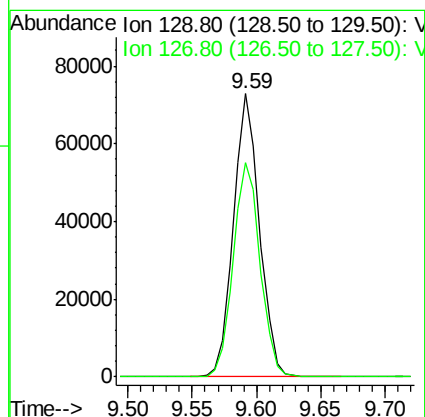
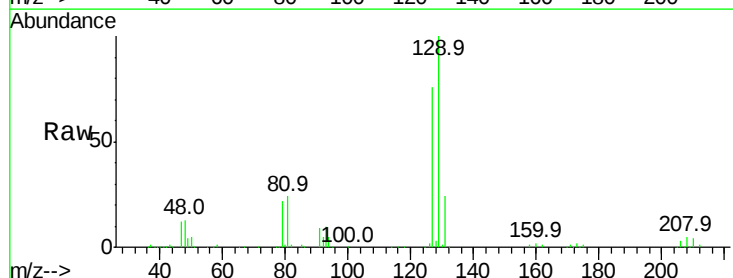
Instrument :
MSVOA_X
ClientSampleId :

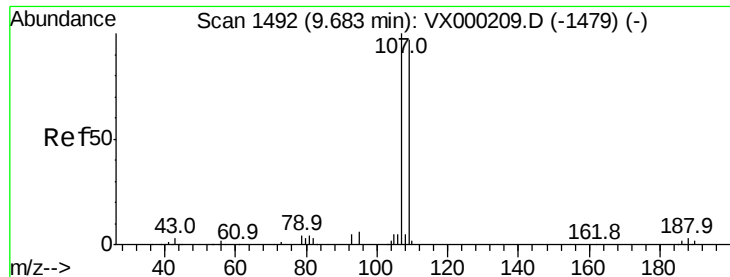
Tot Ion: 43 Resp: 769977
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7



#60
Dibromochloromethane
Concen: 50.953 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:129 Resp: 102955
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.485 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

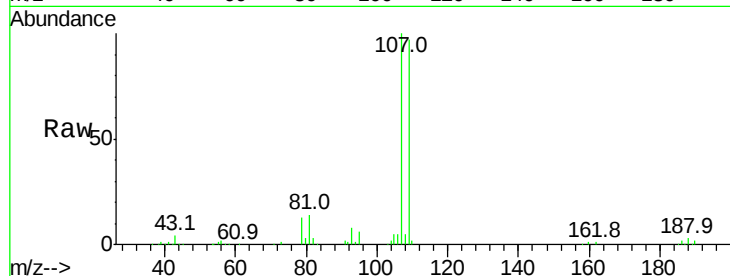
ClientSampleId :

Tot Ion:107 Resp: 103107

Ion Ratio Lower Upper

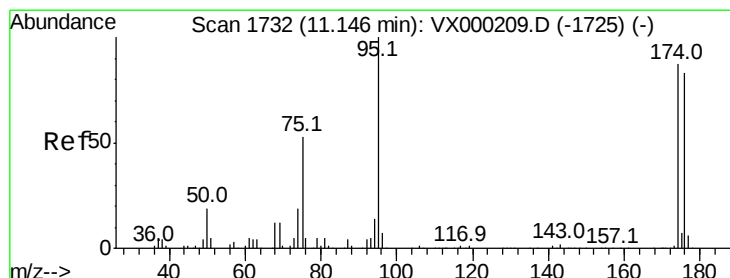
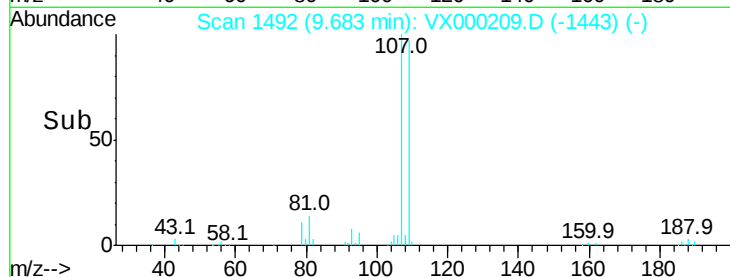
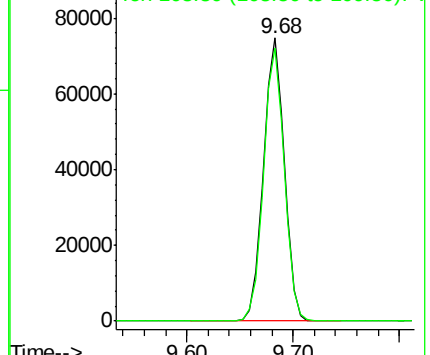
107 100

109 96.0 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.983 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

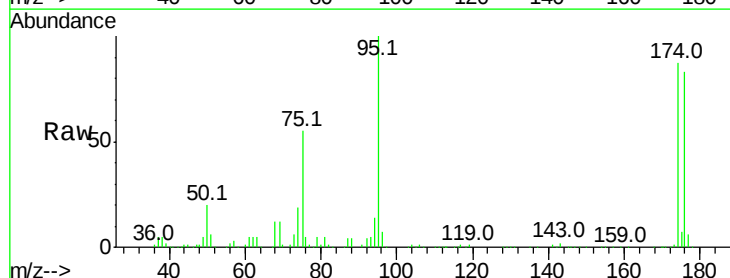
Tgt Ion: 95 Resp: 132909

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

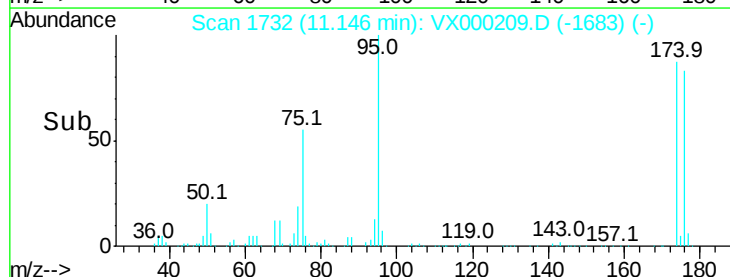
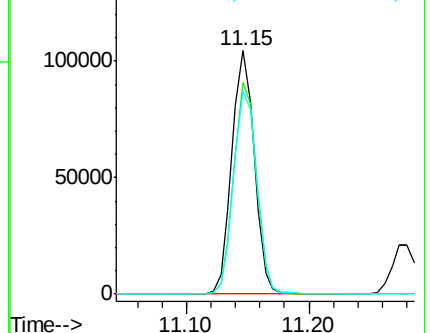
176 85.5 0.0 171.0

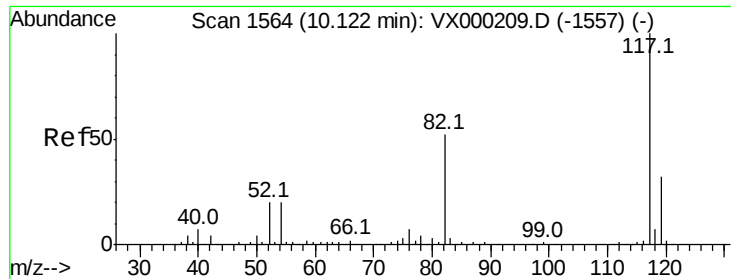


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

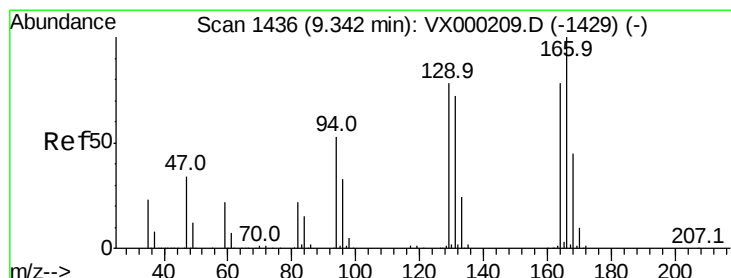
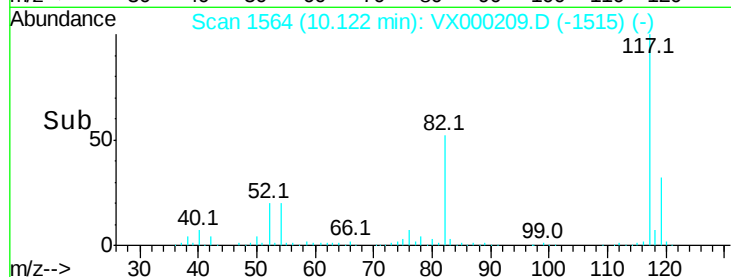
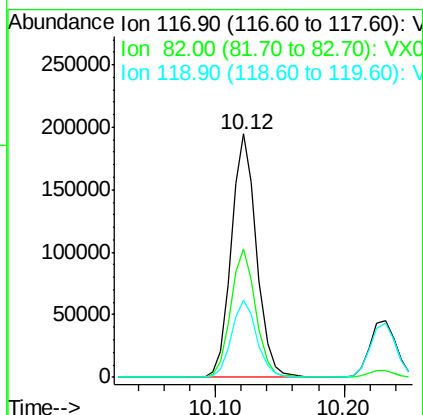
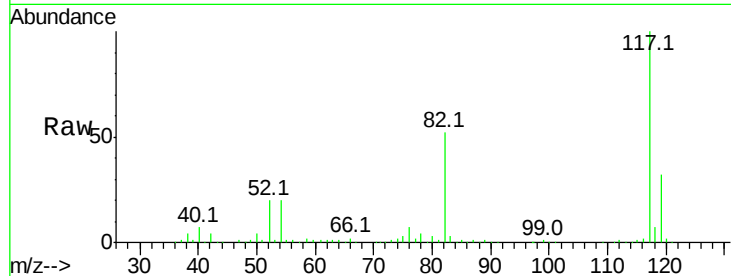




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

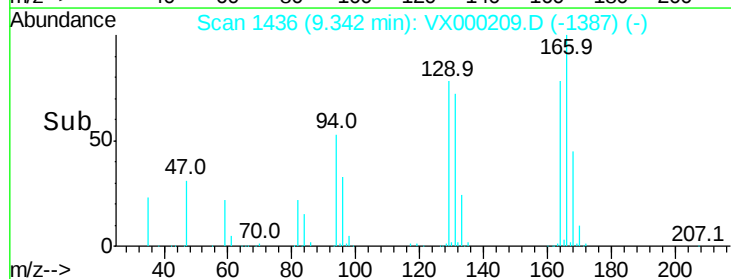
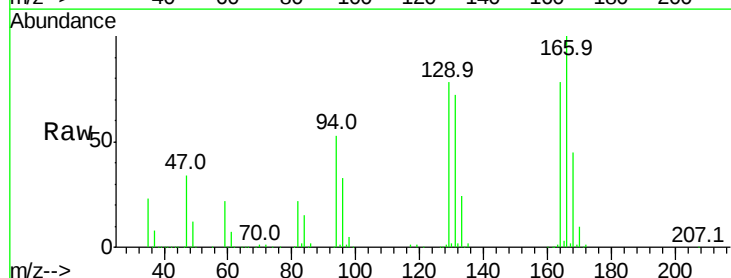
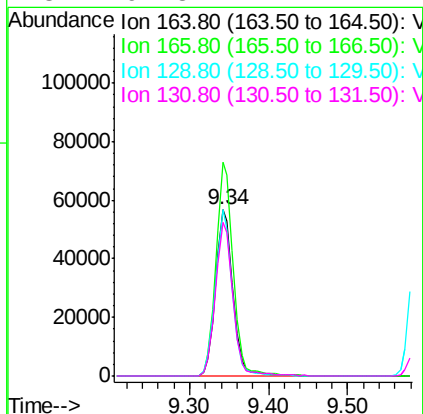
Instrument :
MSVOA_X
ClientSampled :

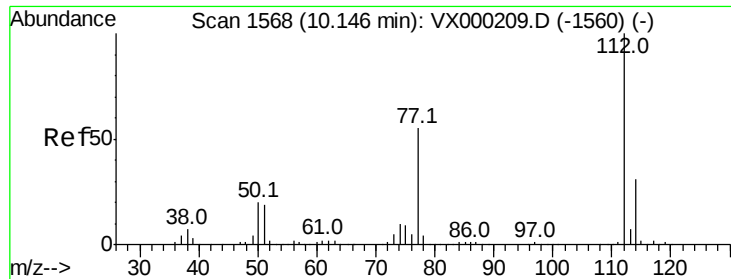
Tot Ion:117 Resp: 265605
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 45.671 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:164 Resp: 86859
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 100.3 80.2 120.4
131 92.8 74.2 111.4

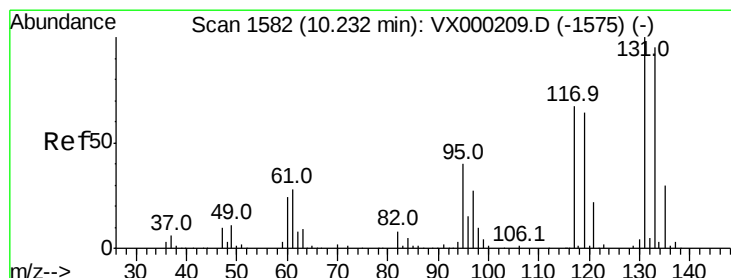
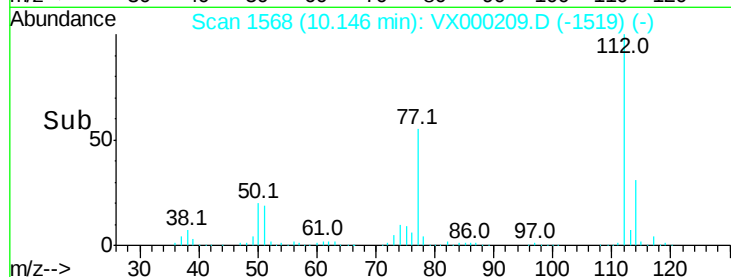
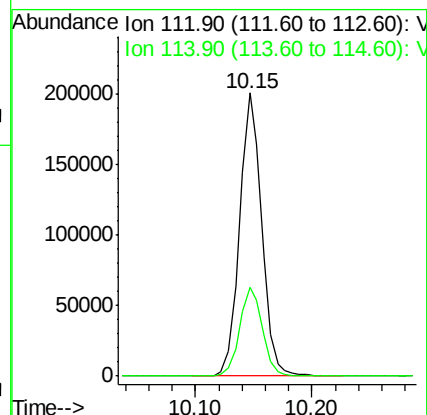
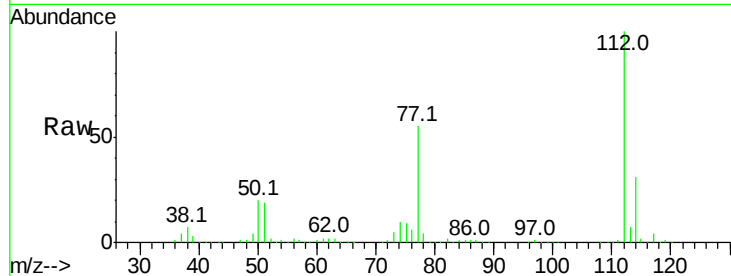




#65
Chlorobenzene
Concen: 47.672 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

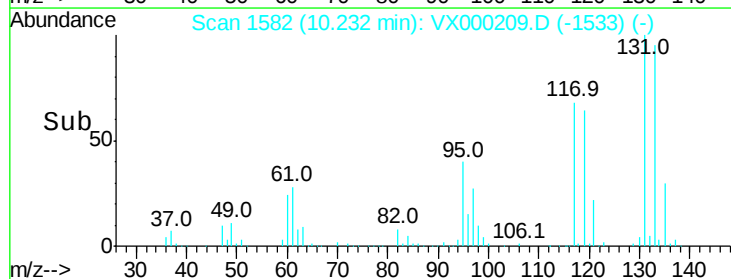
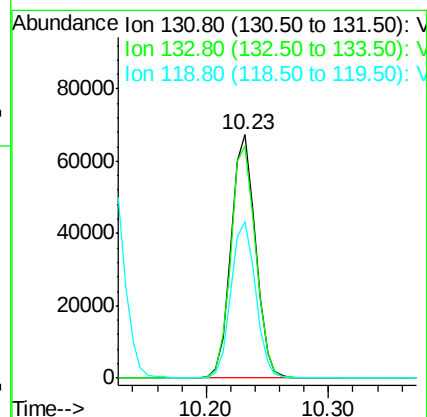
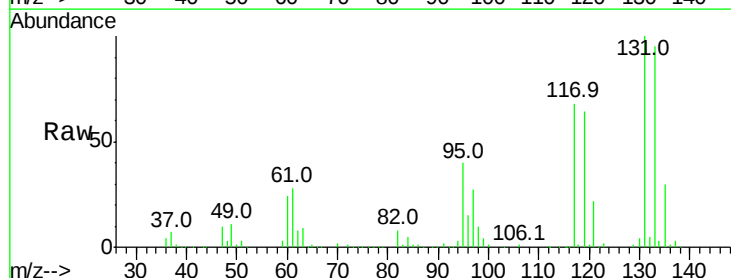
Instrument :
MSVOA_X
ClientSampled :

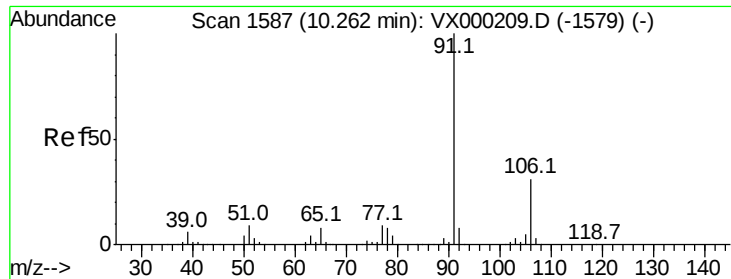
Tot Ion:112 Resp: 266086
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.982 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:131 Resp: 92838
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 64.5 32.3 96.8

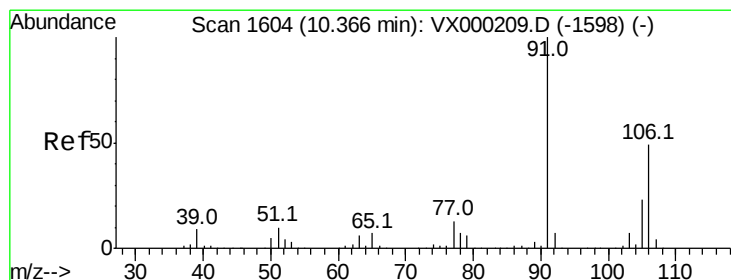
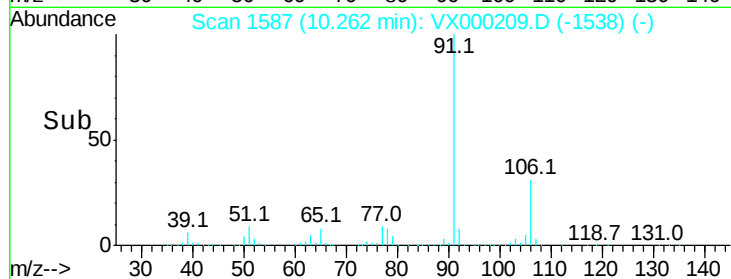
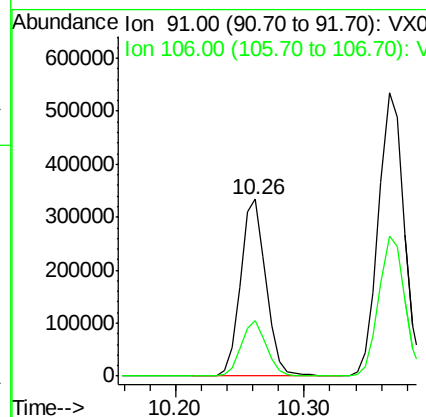
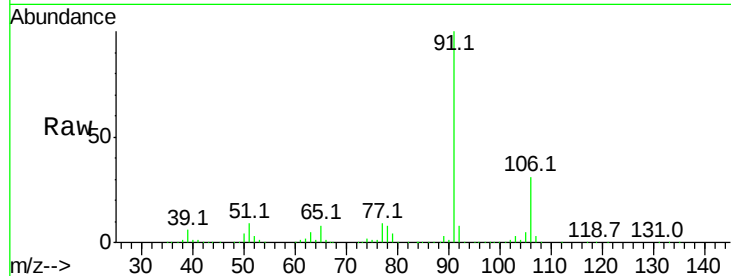




#67
Ethyl Benzene
Concen: 48.589 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

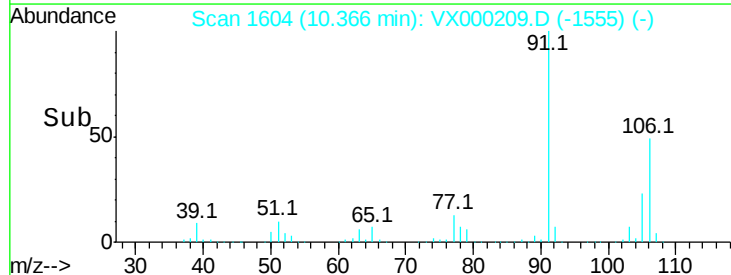
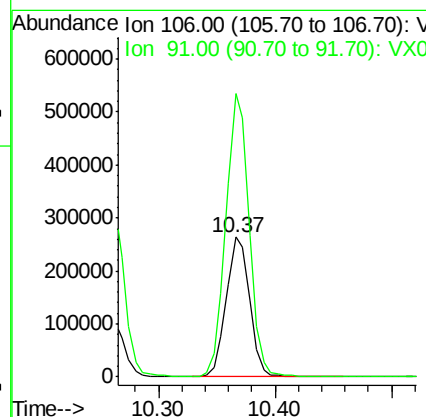
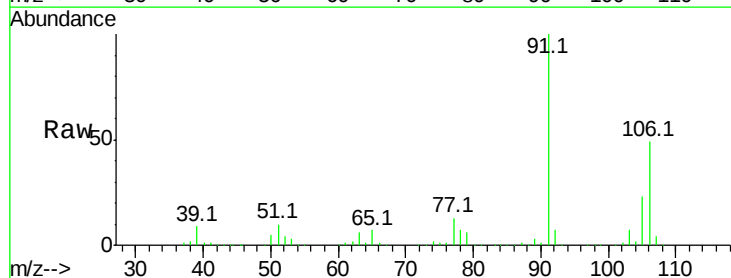
Instrument :
MSVOA_X
ClientSampled :

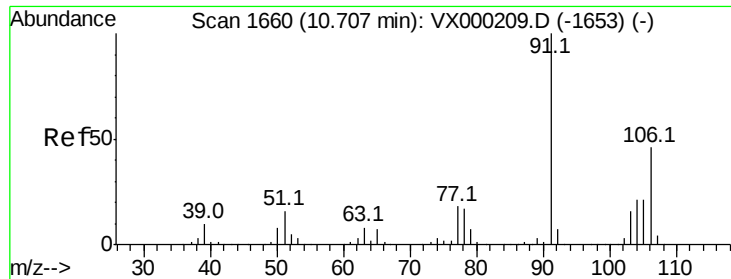
Tot Ion: 91 Resp: 457114
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 98.350 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 106 Resp: 366746
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3

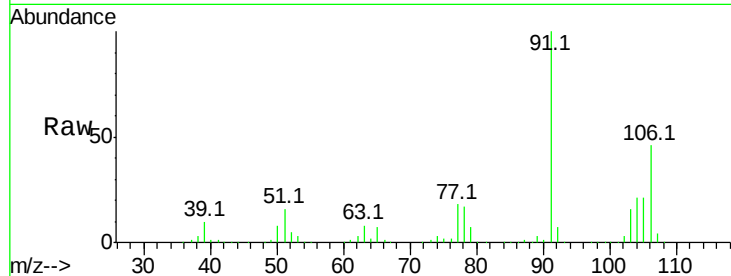




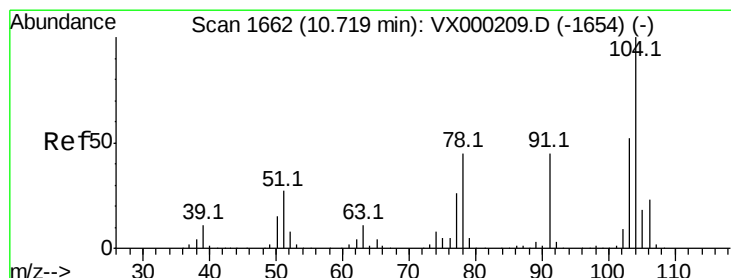
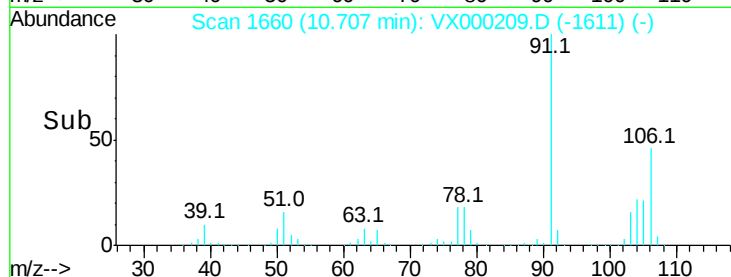
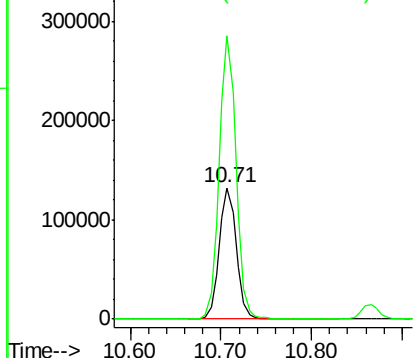
#69
o-Xylene
Concen: 48.892 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 175195
Ion Ratio Lower Upper
106 100
91 211.8 105.9 317.7

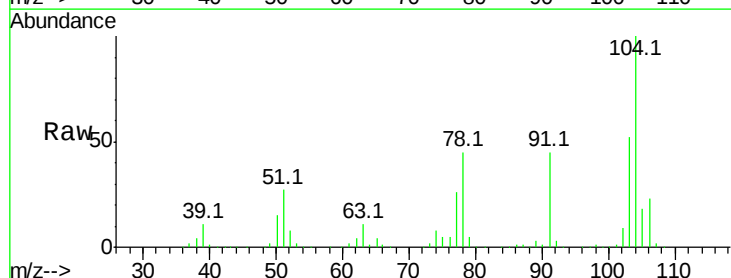


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

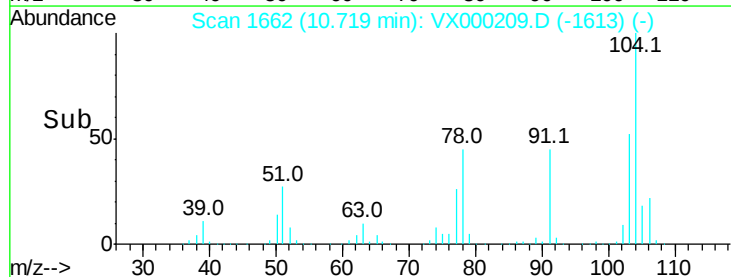
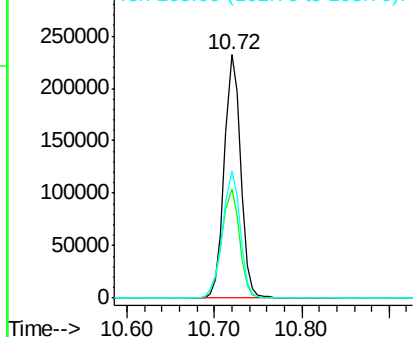


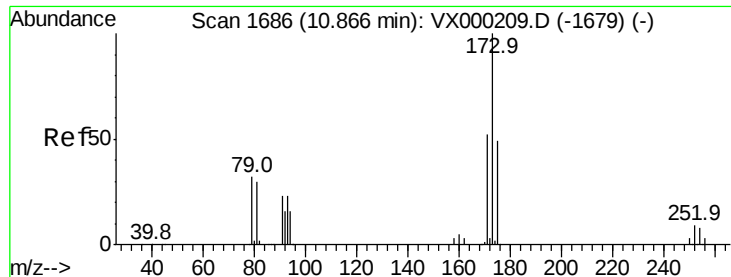
#70
Styrene
Concen: 50.807 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:104 Resp: 298577
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 56.3 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.853 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

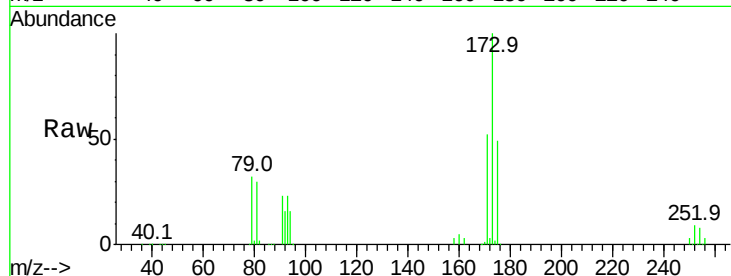
Tot Ion:173 Resp: 83478

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

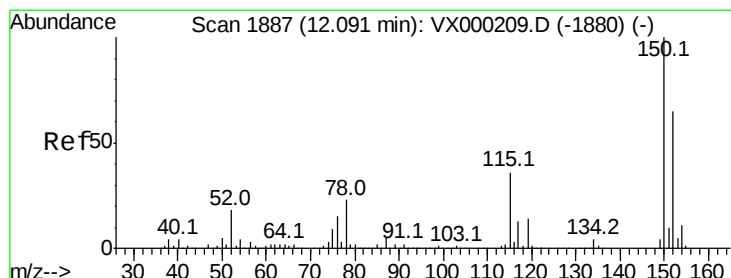
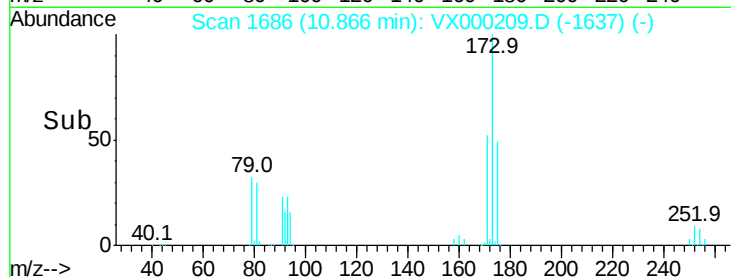
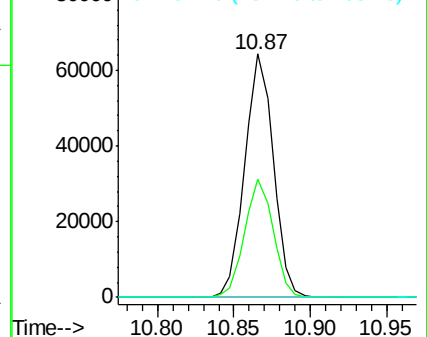
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

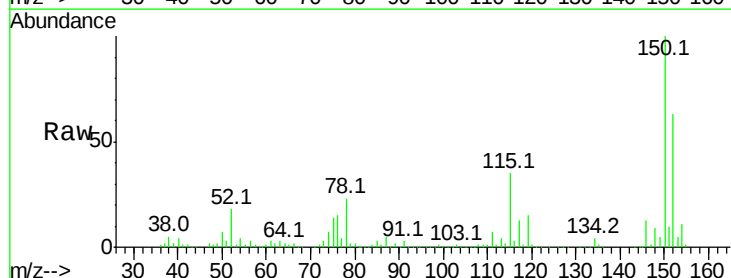
Tgt Ion:152 Resp: 162899

Ion Ratio Lower Upper

152 100

115 79.5 39.8 119.3

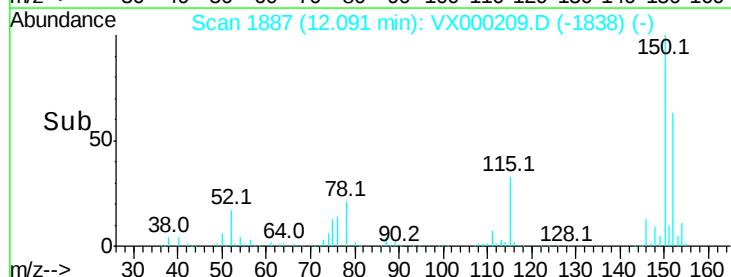
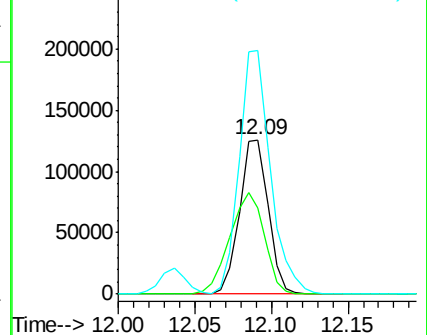
150 172.5 0.0 345.0

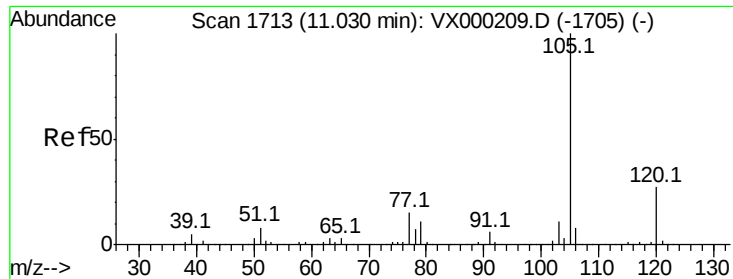


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.353 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

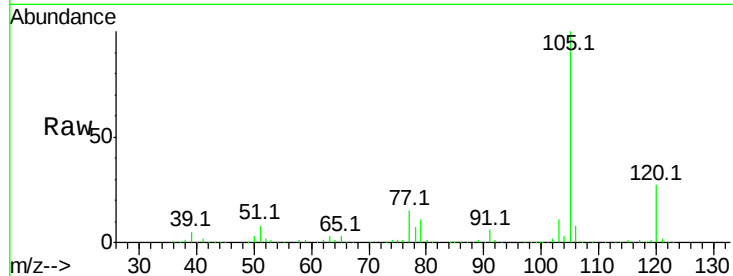
ClientSampleId :

Tot Ion:105 Resp: 486373

Ion Ratio Lower Upper

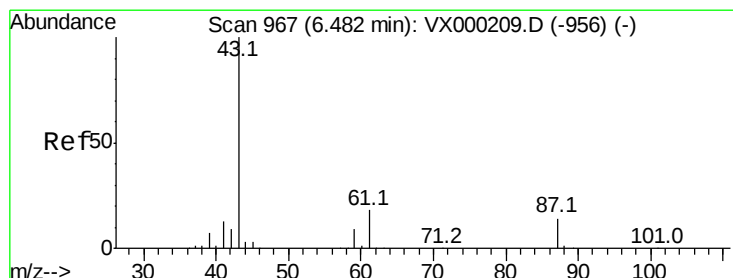
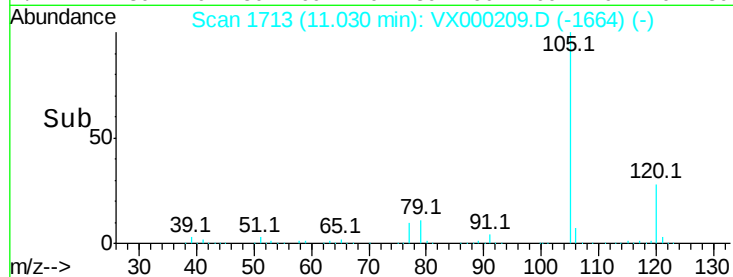
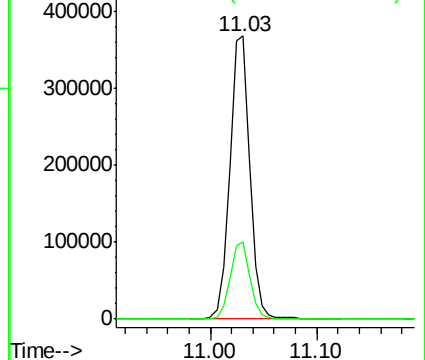
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.434 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Tgt Ion: 43 Resp: 229511

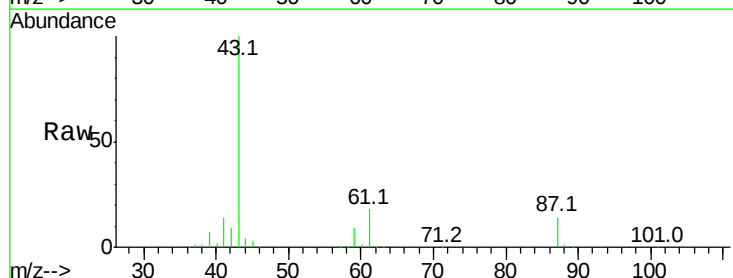
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 14.8 22.2

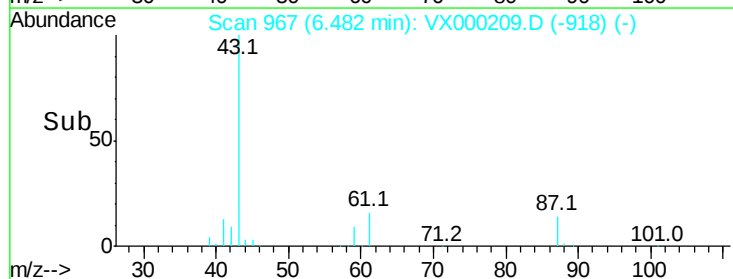
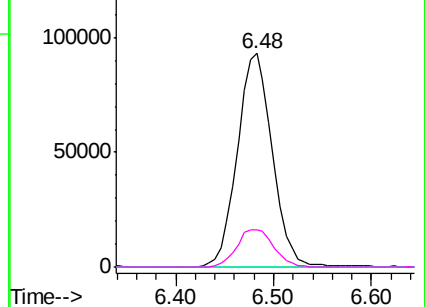


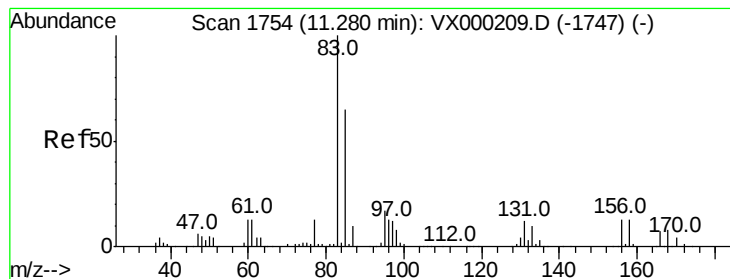
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.382 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

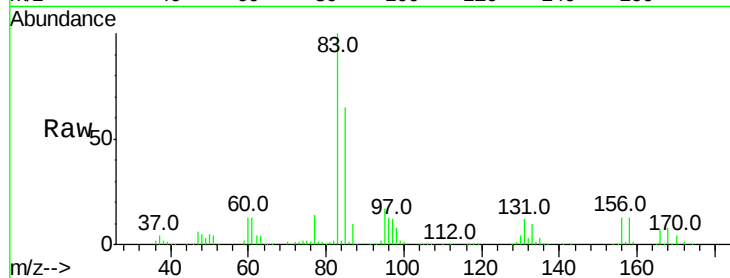
Tot Ion: 83 Resp: 169752

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

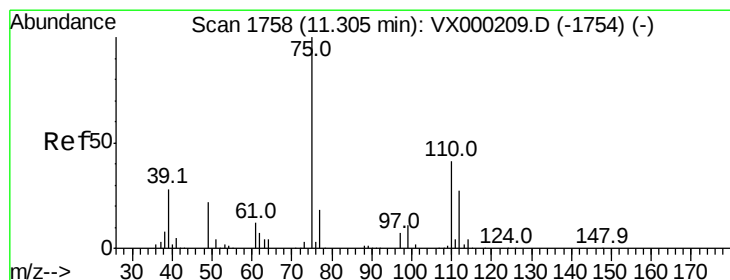
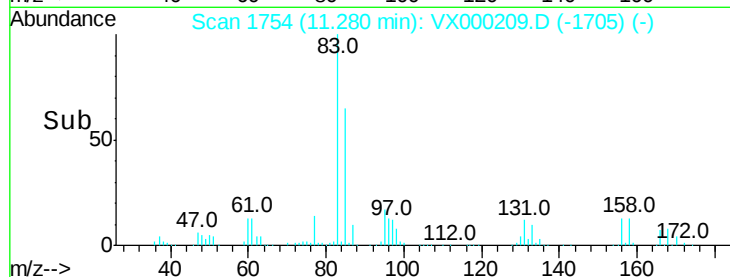
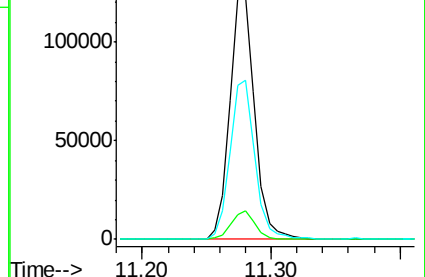
85 64.9 32.5 97.4



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: 61.302 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000209.D

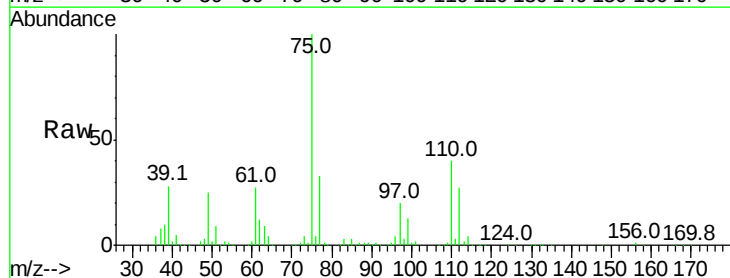
Acq: 07 Mar 2018 13:26

Tgt Ion: 75 Resp: 205102

Ion Ratio Lower Upper

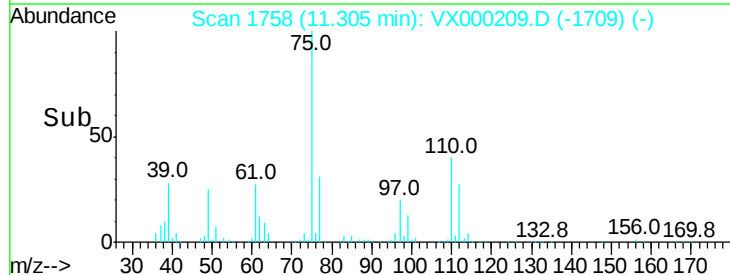
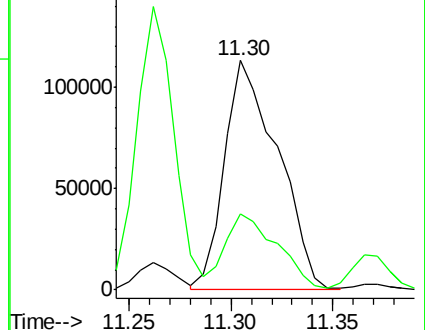
75 100

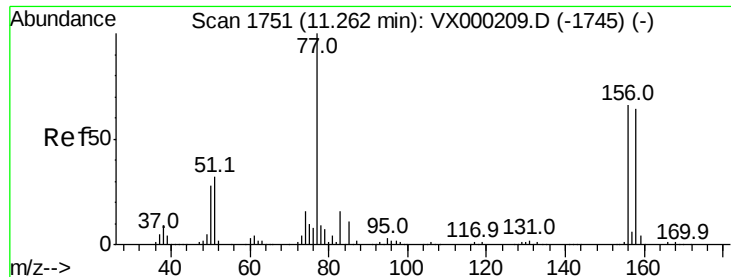
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.891 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

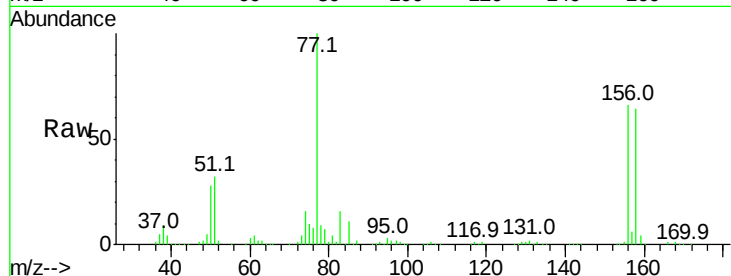
Tot Ion:156 Resp: 123507

Ion Ratio Lower Upper

156 100

77 143.8 71.9 215.7

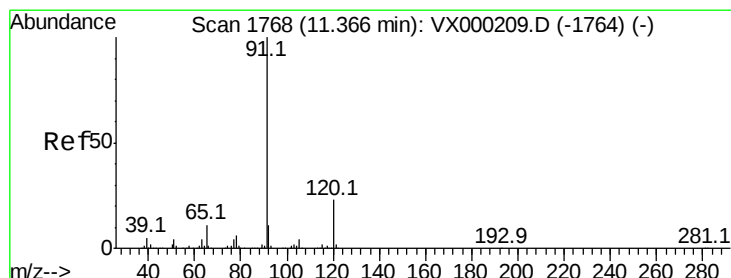
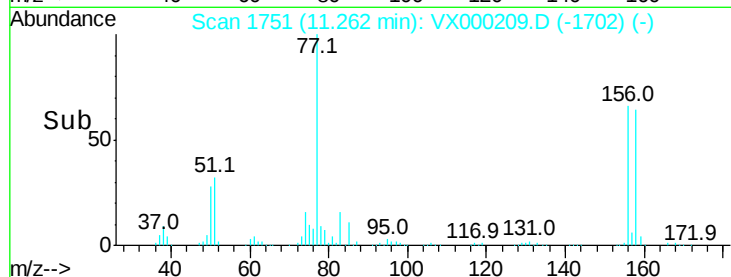
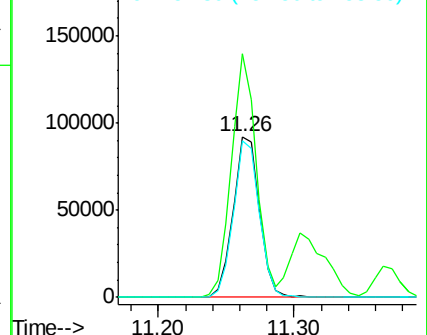
158 96.1 48.0 144.2



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: 46.967 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000209.D

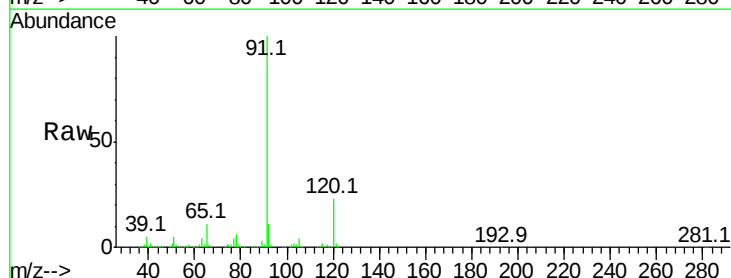
Acq: 07 Mar 2018 13:26

Tgt Ion: 91 Resp: 569023

Ion Ratio Lower Upper

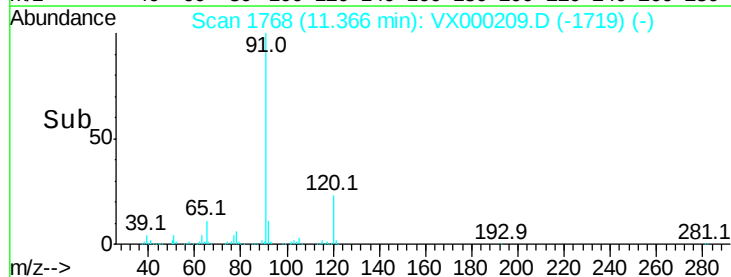
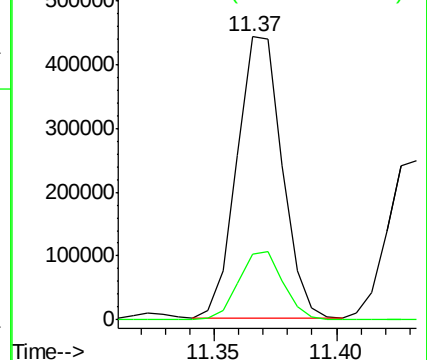
91 100

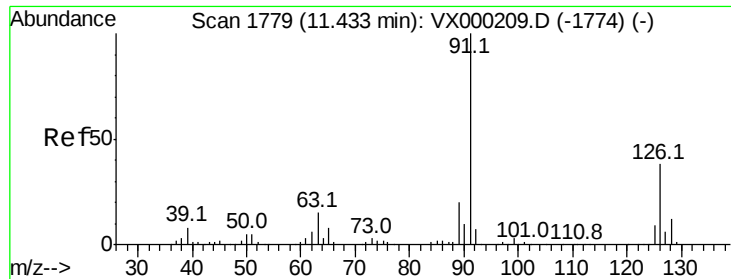
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

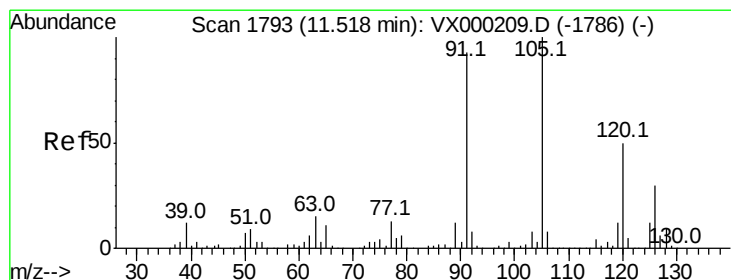
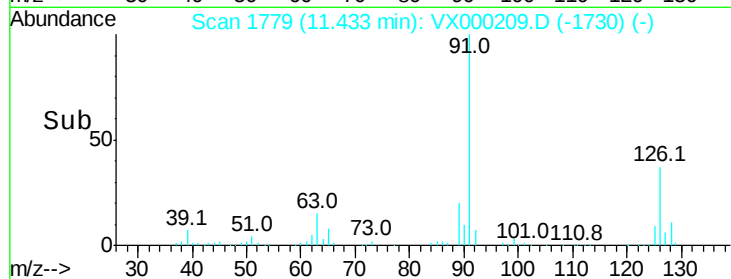
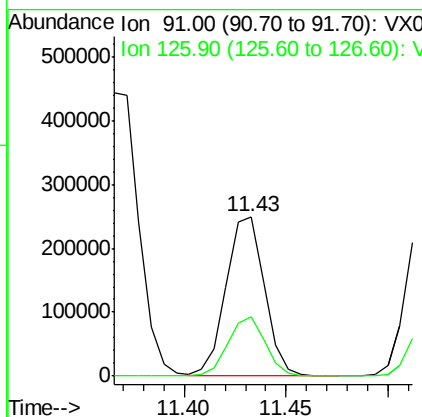
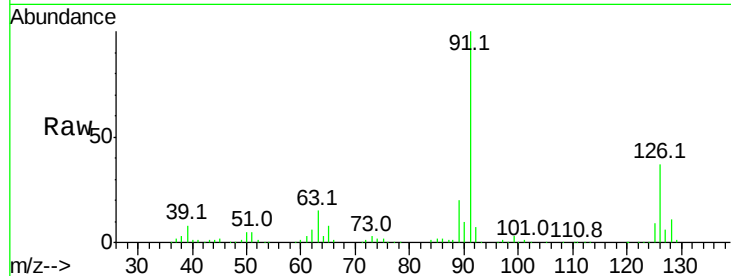




#79
2-Chlorotoluene
Concen: 46.738 ug/l
RT: 11.43 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

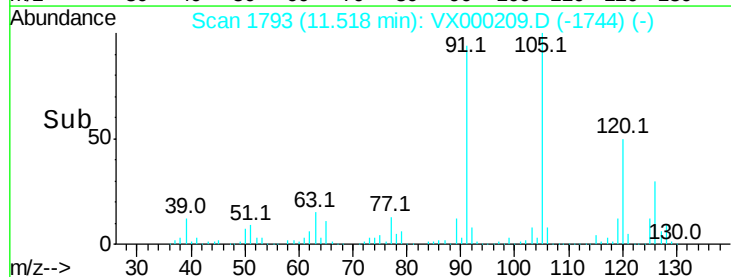
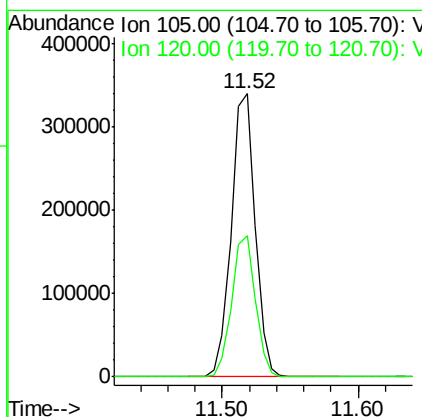
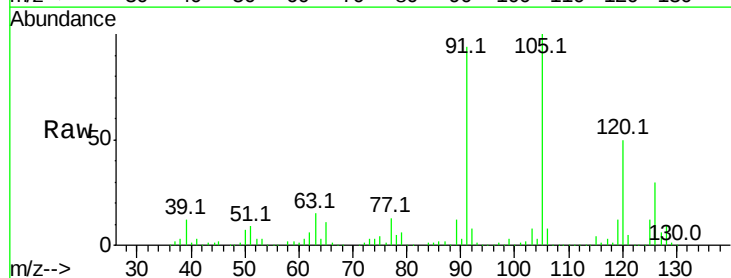
Instrument :
MSVOA_X
ClientSampled :

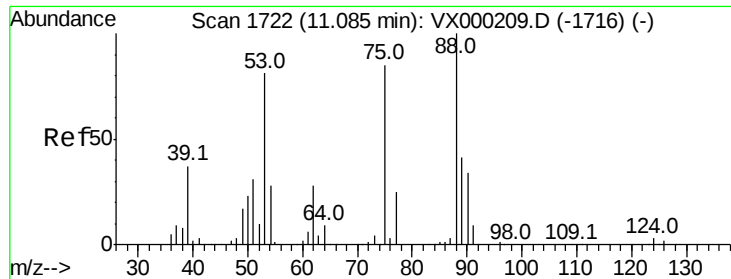
Tot Ion: 91 Resp: 322876
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 47.811 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 105 Resp: 414585
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6

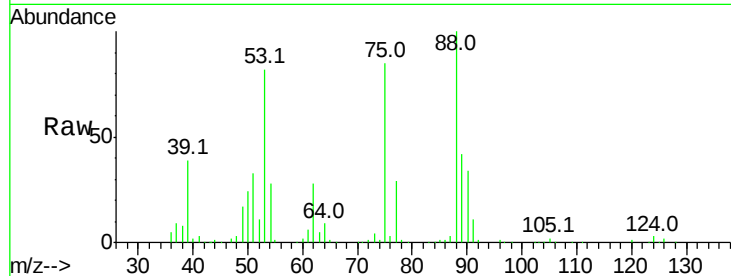




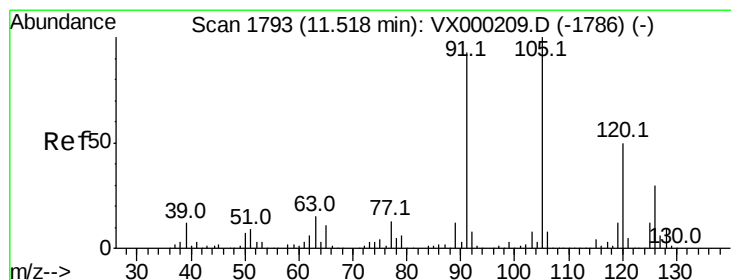
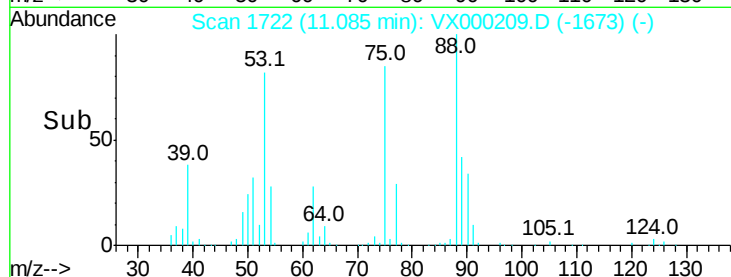
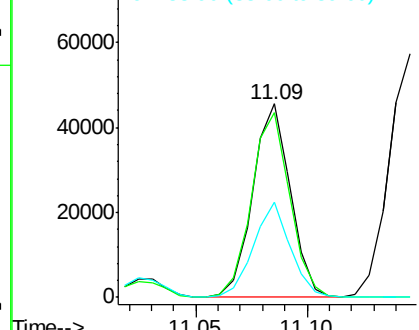
#81
trans-1,4-Dichloro-2-butene
Concen: 46.073 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 53427
Ion Ratio Lower Upper
75 100
53 98.3 78.6 118.0
89 48.5 38.8 58.2

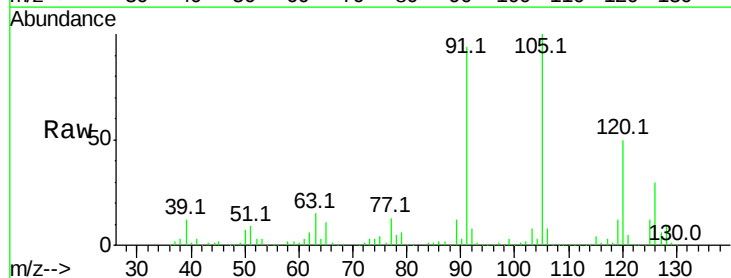


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

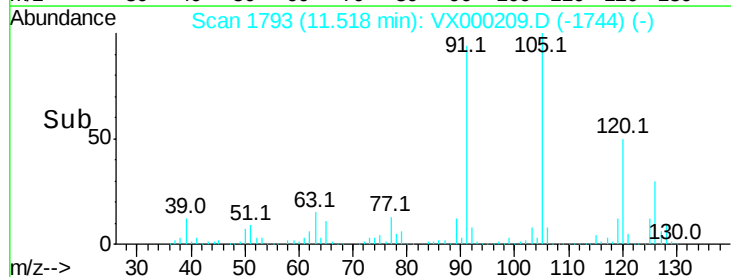
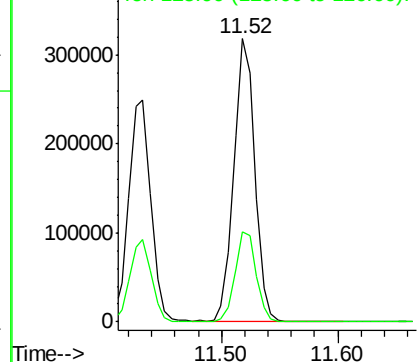


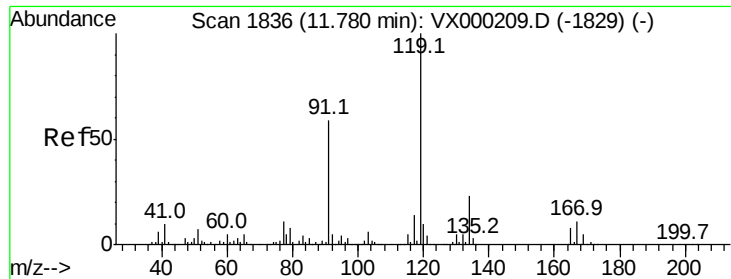
#82
4-Chlorotoluene
Concen: 47.629 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 91 Resp: 400820
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.795 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampled :

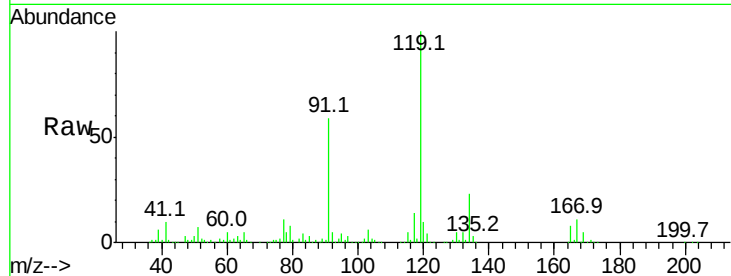
Tot Ion:119 Resp: 410057

Ion Ratio Lower Upper

119 100

91 57.8 28.9 86.7

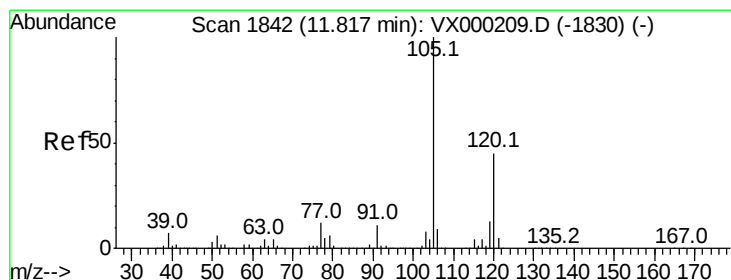
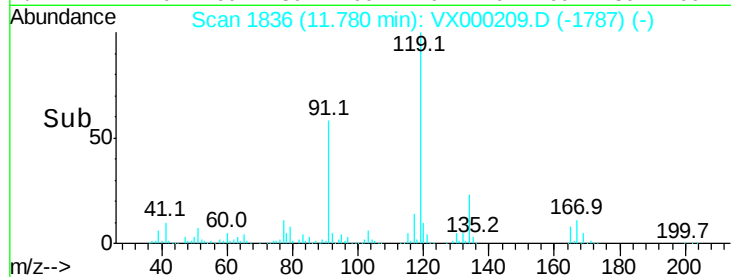
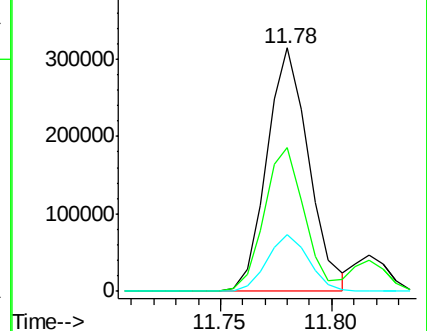
134 22.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.830 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000209.D

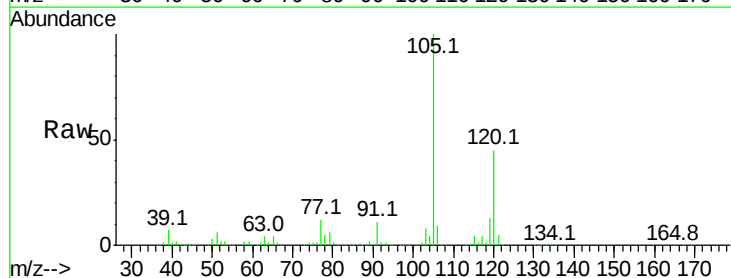
Acq: 07 Mar 2018 13:26

Tgt Ion:105 Resp: 431427

Ion Ratio Lower Upper

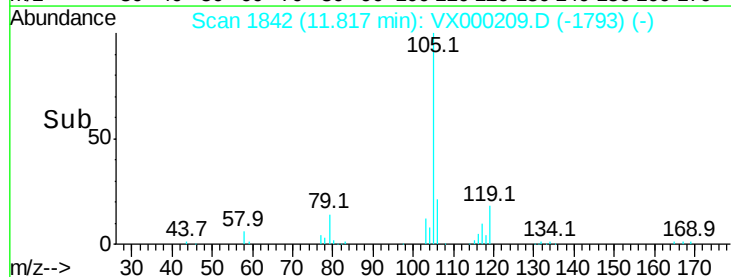
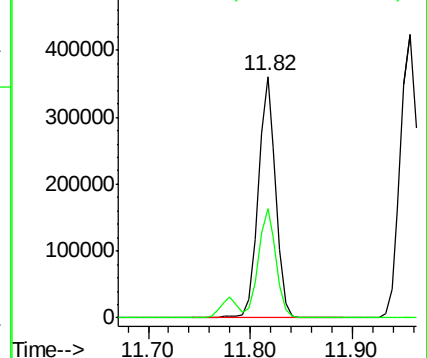
105 100

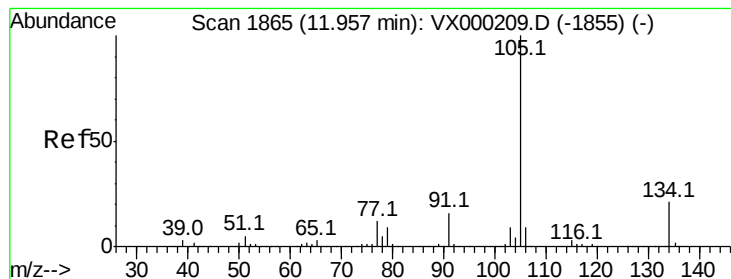
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.235 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

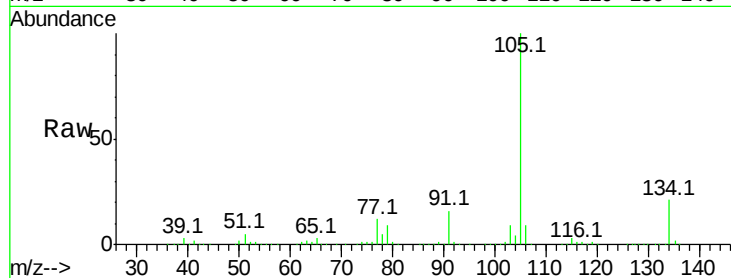
ClientSampleId :

Tot Ion:105 Resp: 515112

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

400000

300000

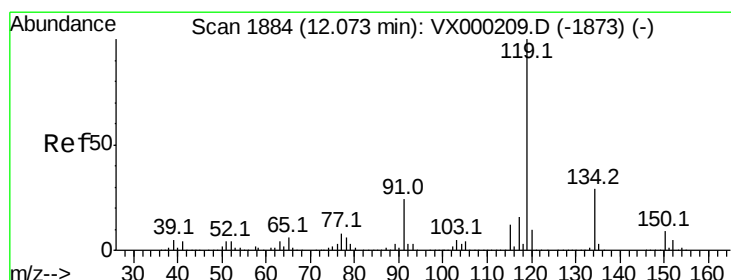
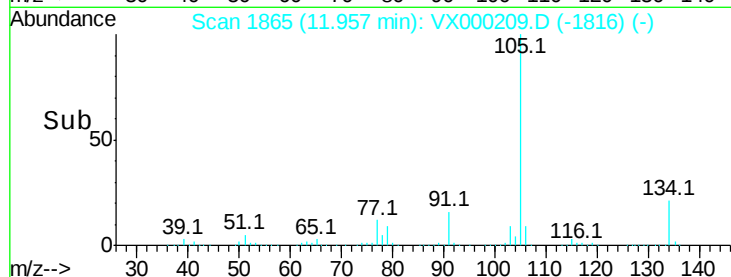
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 47.390 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

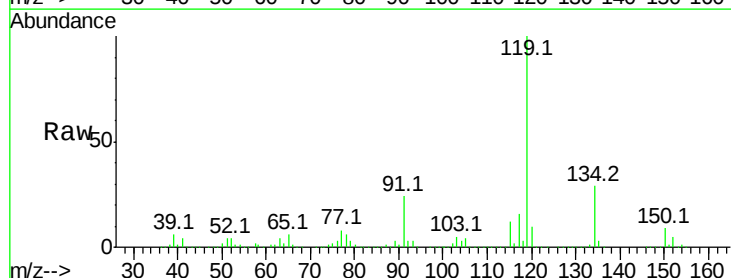
Tgt Ion:119 Resp: 460370

Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

300000

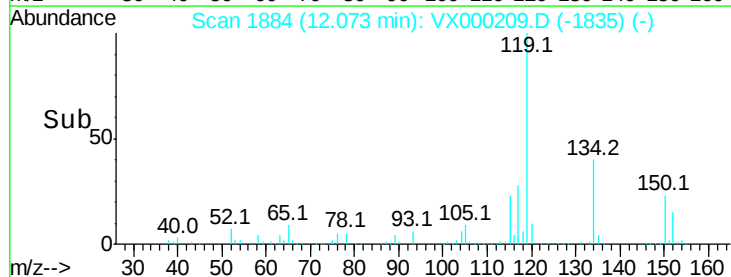
200000

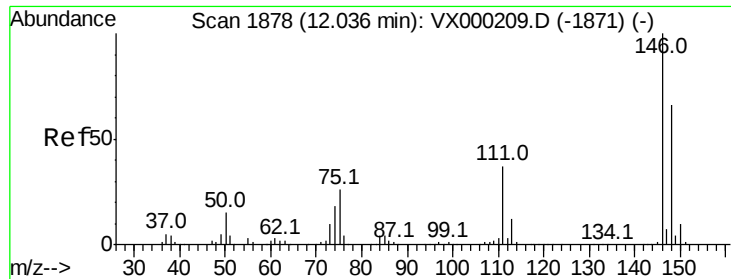
100000

0

Time-->

12.00 12.10 12.20

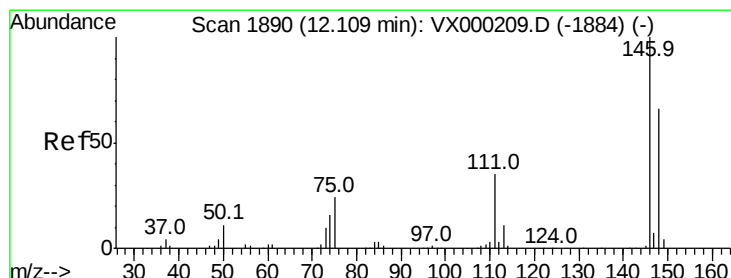
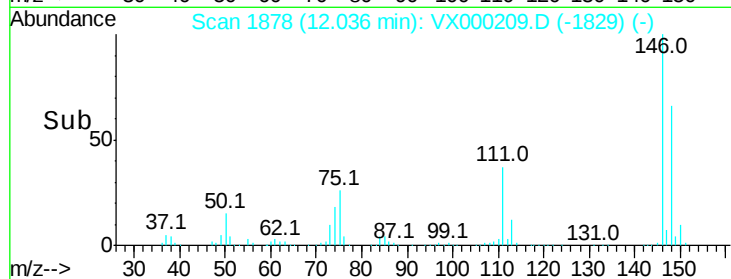
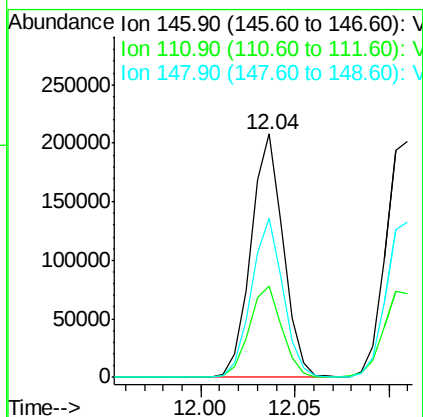
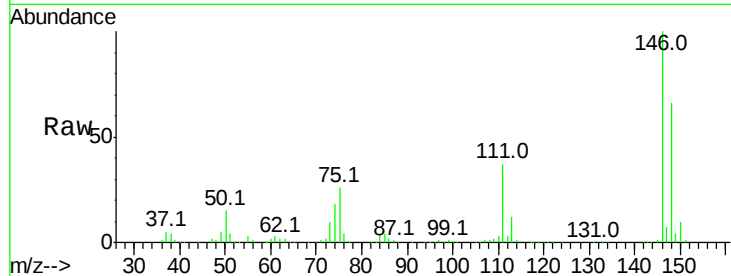




#87
 1,3-Dichlorobenzene
 Concen: 46.332 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

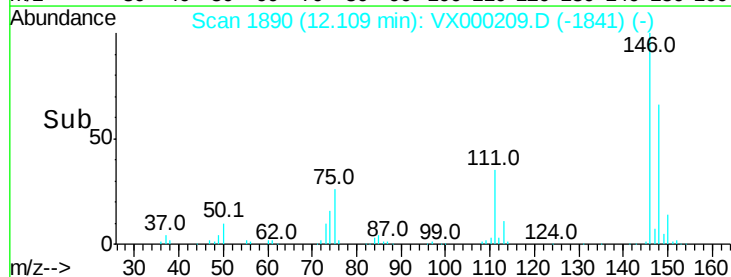
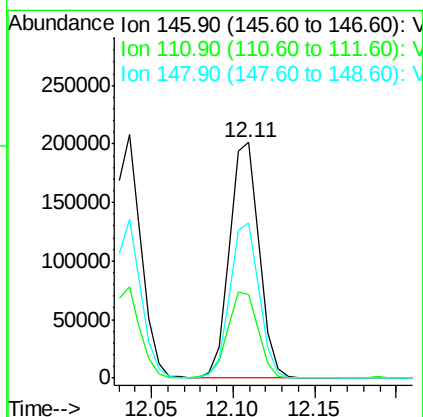
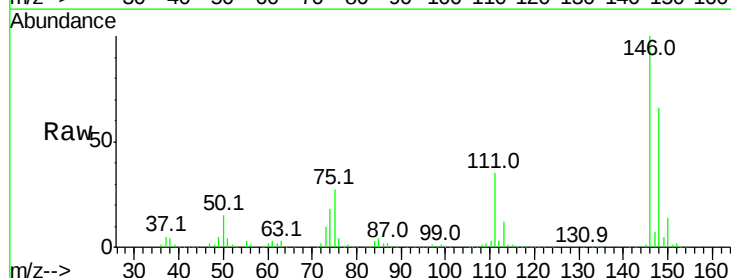
Instrument :
 MSVOA_X
 ClientSampleId :

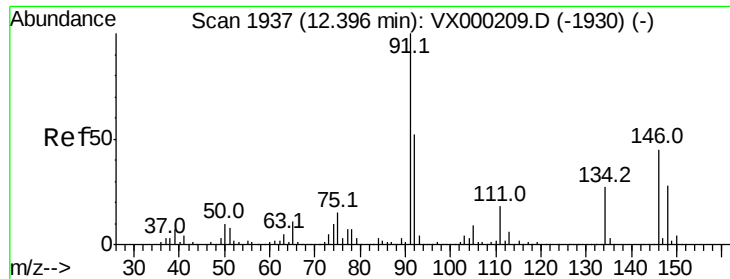
Tot Ion:146 Resp: 246631
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.004 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion:146 Resp: 253026
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 65.2 32.6 97.8

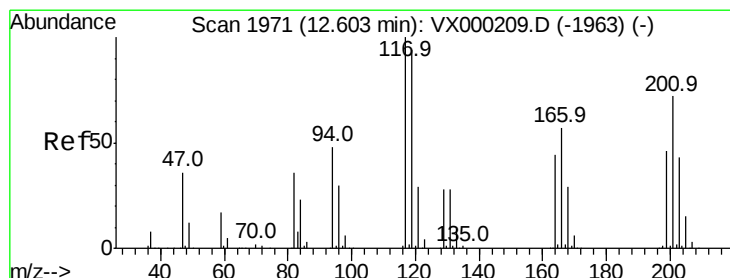
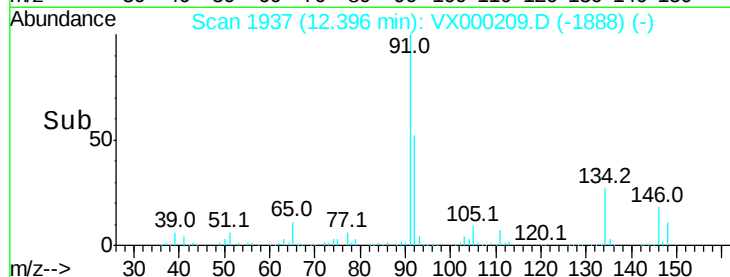
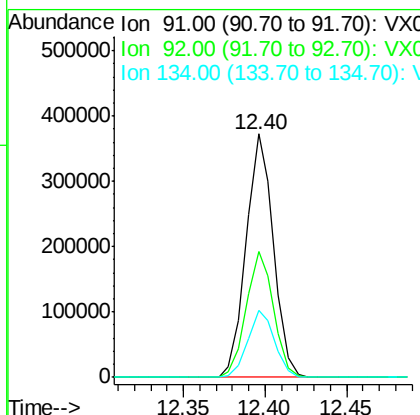
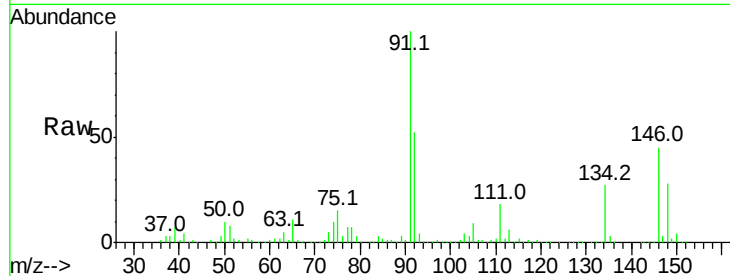




#89
n-Butylbenzene
Concen: 47.135 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

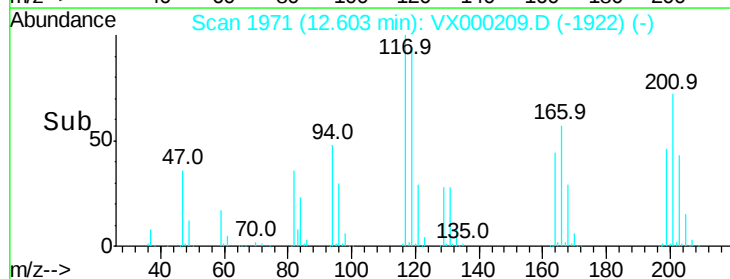
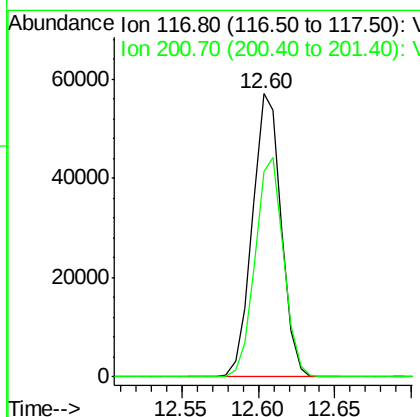
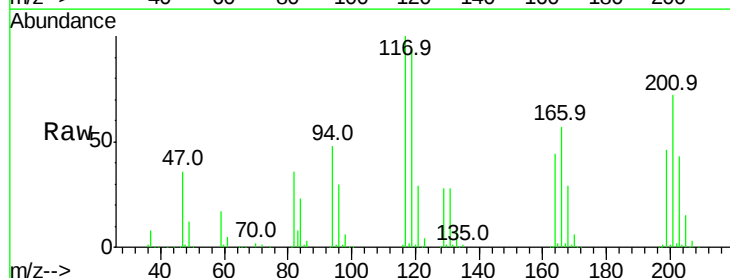
Instrument :
MSVOA_X
ClientSampleId :

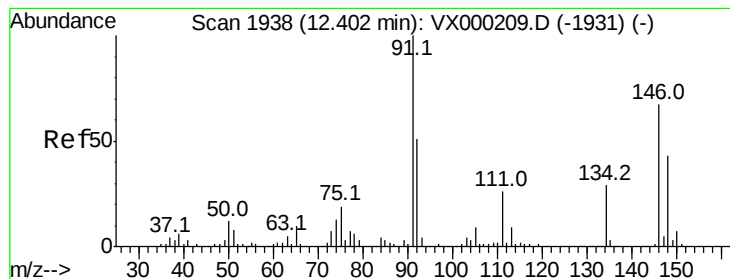
Tot Ion: 91 Resp: 434430
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.4
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 47.585 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion: 117 Resp: 74701
Ion Ratio Lower Upper
117 100
201 76.4 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 46.787 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

Instrument :

MSVOA_X

ClientSampleId :

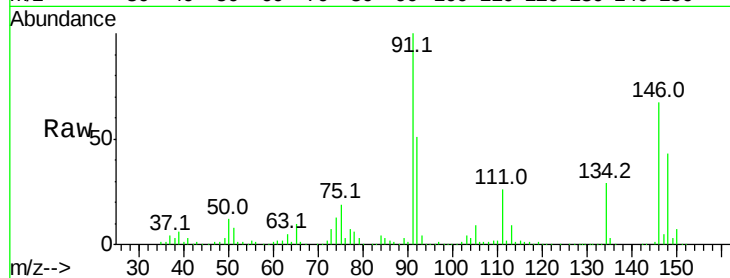
Tot Ion:146 Resp: 245419

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

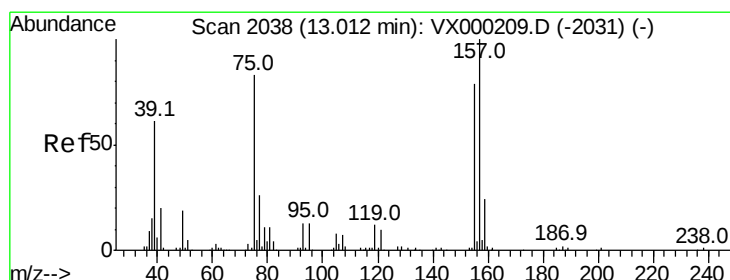
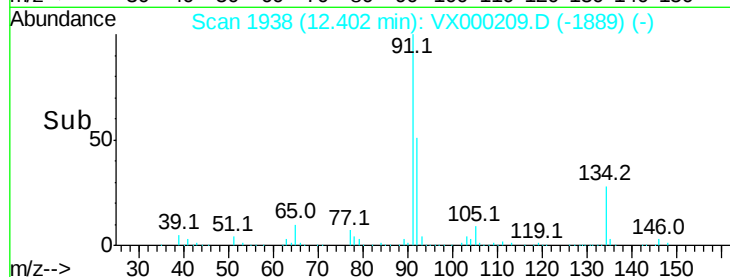
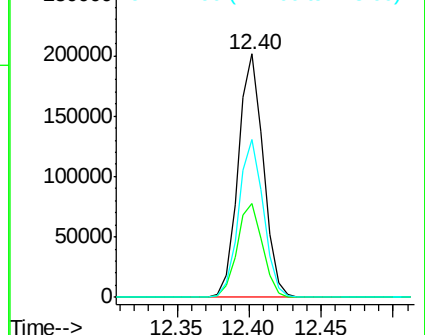
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.364 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000209.D

Acq: 07 Mar 2018 13:26

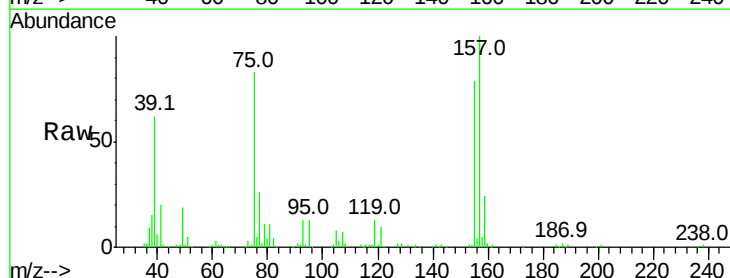
Tgt Ion: 75 Resp: 48987

Ion Ratio Lower Upper

75 100

155 91.0 45.5 136.5

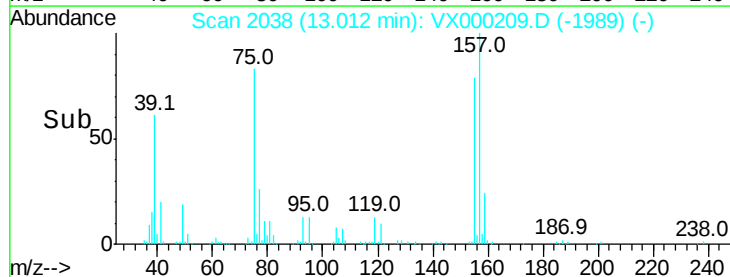
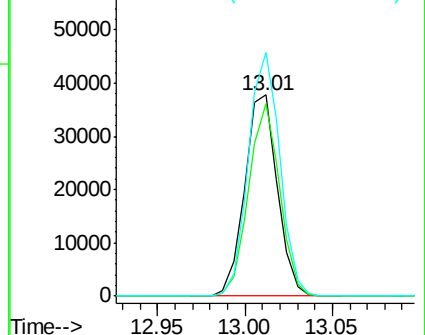
157 117.2 58.6 175.8

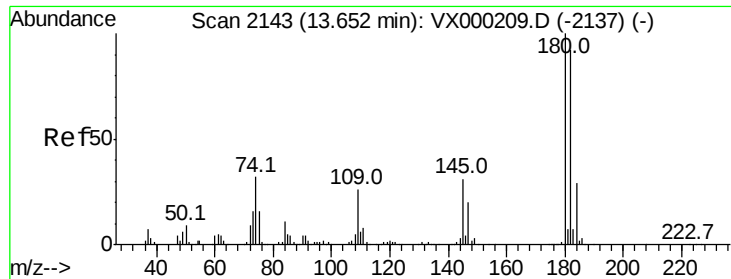


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

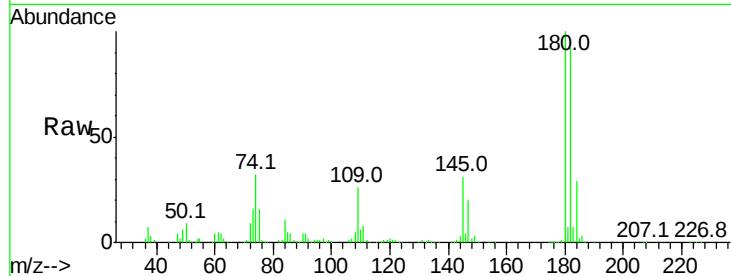




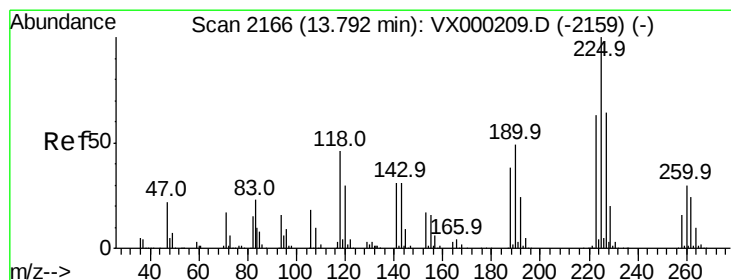
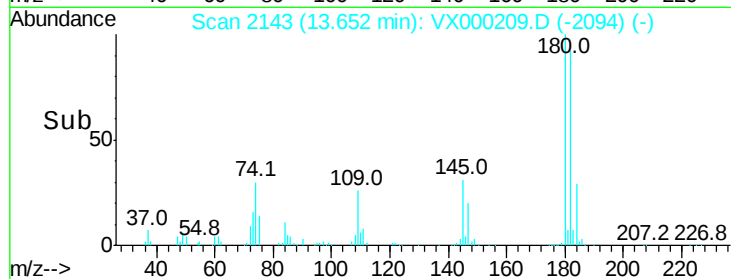
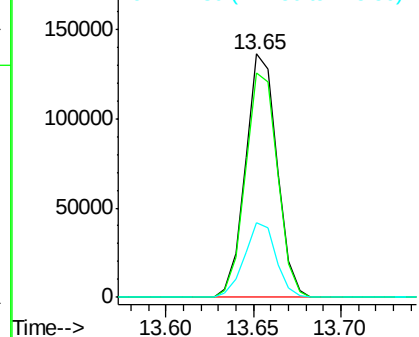
#93
 1,2,4-Trichlorobenzene
 Concen: 43.731 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	30.6	15.3	45.9

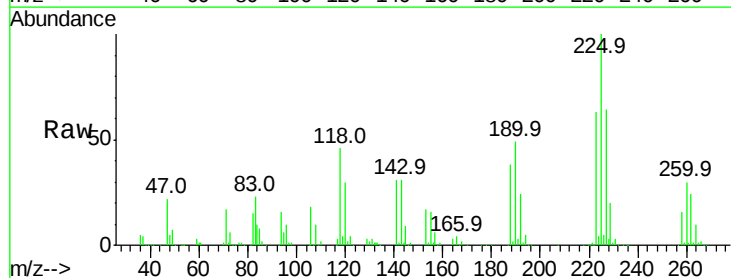


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

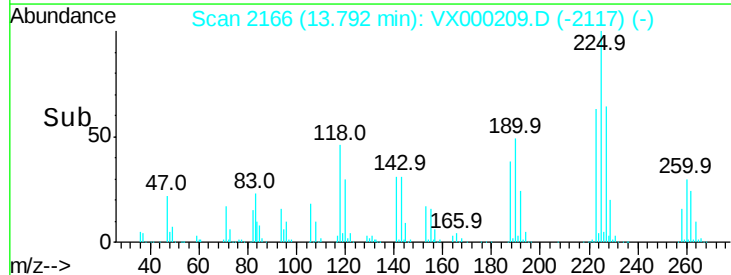
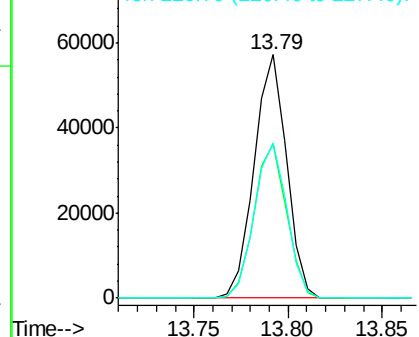


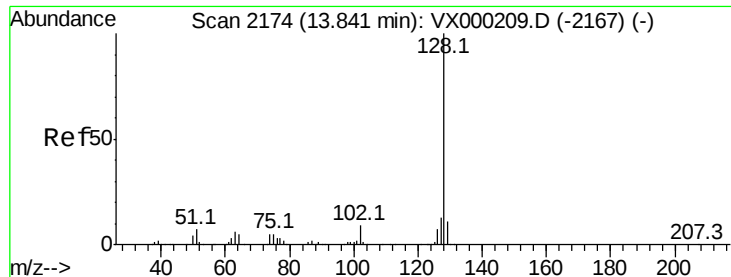
#94
 Hexachlorobutadiene
 Concen: 40.779 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000209.D
 Acq: 07 Mar 2018 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.8	95.3
227	63.7	31.9	95.5



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

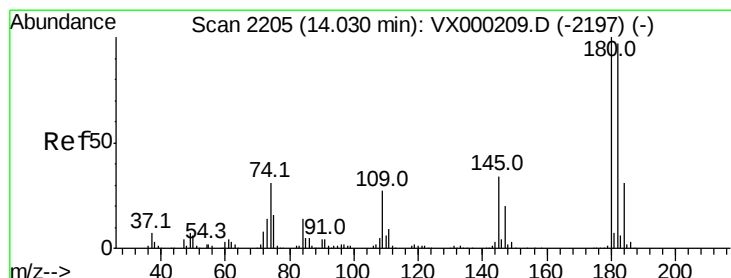
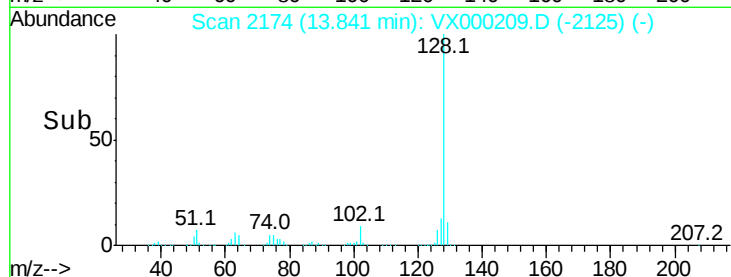
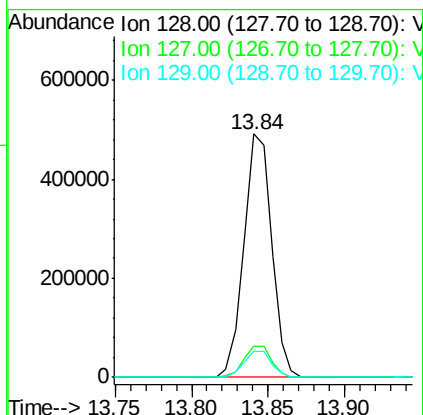
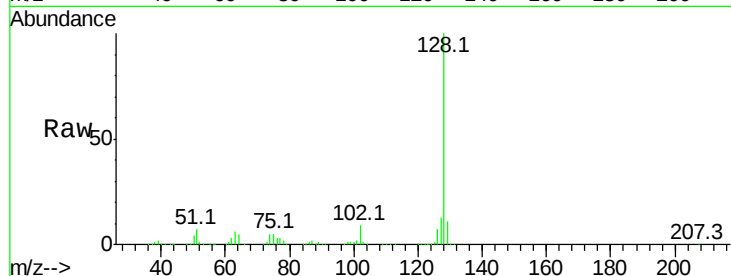




#95
Naphthalene
Concen: 46.634 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 619540
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.834 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000209.D
Acq: 07 Mar 2018 13:26

Tgt Ion:180 Resp: 168154
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 32.5 16.3 48.8

