

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000377.D
 Acq On : 21 Mar 2018 11:49
 Operator : JC/MD
 Sample : VX0321WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Quant Time: Mar 22 05:26:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99567	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82811	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	5.51	113	61420	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.73	98	250748	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.15	95	90361	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	25955	20.75	ug/l	100
3) Chloromethane	1.32	50	26747	20.30	ug/l	93
4) Vinyl Chloride	1.41	62	29595	21.25	ug/l	98
5) Bromomethane	1.65	94	24755	14.88	ug/l	96
6) Chloroethane	1.73	64	18996	24.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	51532	20.50	ug/l	99
8) Diethyl Ether	2.20	74	18120	20.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29048	20.73	ug/l	98
10) Methyl Iodide	2.52	142	26779	21.91	ug/l	99
11) Tert butyl alcohol	3.07	59	55254	108.41	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24854	20.20	ug/l	97
13) Acrolein	2.30	56	15656	105.18	ug/l	100
14) Allyl chloride	2.73	41	47505	21.80	ug/l	99
15) Acrylonitrile	3.15	53	109612	106.19	ug/l	99
16) Acetone	2.45	43	128068	103.90	ug/l	97
17) Carbon Disulfide	2.58	76	66205	20.24	ug/l	96
18) Methyl Acetate	2.78	43	56812	21.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	96239	21.15	ug/l	97
20) Methylene Chloride	2.87	84	29722	20.88	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27379	19.95	ug/l	92
22) Diisopropyl ether	3.88	45	75401	19.60	ug/l	97
23) Vinyl Acetate	3.83	43	415756	114.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	52866	21.86	ug/l	100
25) 2-Butanone	4.71	43	147913	106.76	ug/l	99
26) 2,2-Dichloropropane	4.59	77	37098	21.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	26237	20.45	ug/l	99
28) Bromochloromethane	5.03	49	20813	20.87	ug/l	99
29) Tetrahydrofuran	5.18	42	93114	109.24	ug/l	97
30) Chloroform	5.23	83	48333	21.33	ug/l	98
31) Cyclohexane	5.59	56	37804	20.22	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	42017	20.55	ug/l	100
36) 1,1-Dichloropropene	5.81	75	35212	19.97	ug/l	100
37) Ethyl Acetate	4.88	43	49801	20.68	ug/l	98
38) Carbon Tetrachloride	5.79	117	35946	19.44	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	42961	20.04	ug/l	98
40) Benzene	6.15	78	105825	20.67	ug/l	100
41) Methacrylonitrile	5.07	41	25582	20.15	ug/l	100
42) 1,2-Dichloroethane	6.21	62	42072	20.94	ug/l	99
43) Isopropyl Acetate	6.48	43	74307	20.73	ug/l	99
44) Trichloroethene	7.23	130	29158	19.88	ug/l	95
45) 1,2-Dichloropropane	7.52	63	28203	21.52	ug/l	96
46) Dibromomethane	7.67	93	21010	20.43	ug/l	97
47) Bromodichloromethane	7.91	83	39161	21.64	ug/l	93
48) Methyl methacrylate	7.79	41	36982	21.25	ug/l	99
49) 1,4-Dioxane	7.77	88	15051	411.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	290537	104.71	ug/l	99
52) Toluene	8.79	92	71300	19.92	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	43909	20.94	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	41737	20.52	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	30345	20.62	ug/l	94
56) Ethyl methacrylate	9.19	69	45175	20.26	ug/l	99
57) 1,3-Dichloropropane	9.38	76	51050	21.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	113406	105.95	ug/l	99
59) 2-Hexanone	9.51	43	242363	102.87	ug/l	100
60) Dibromochloromethane	9.59	129	31168	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32263	20.44	ug/l	99
64) Tetrachloroethene	9.34	164	29830	20.72	ug/l	90
65) Chlorobenzene	10.15	112	81388	19.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28719	20.48	ug/l	99
67) Ethyl Benzene	10.26	91	142245	20.33	ug/l	99
68) m/p-Xylenes	10.37	106	107501	39.04	ug/l	98
69) o-Xylene	10.71	106	53466	20.05	ug/l	97
70) Styrene	10.72	104	86036	19.50	ug/l	99
71) Bromoform	10.87	173	23541	19.35	ug/l #	94
73) Isopropylbenzene	11.02	105	145150	22.00	ug/l	99
74) N-amyl acetate	6.48	43	74307	24.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	52467	22.49	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	59608	27.86	ug/l	86
77) Bromobenzene	11.26	156	35136	19.99	ug/l	94
78) n-propylbenzene	11.37	91	166611	21.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	95484	21.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	121231	21.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14019	21.21	ug/l	92
82) 4-Chlorotoluene	11.52	91	114357	21.08	ug/l	100
83) tert-Butylbenzene	11.78	119	121411	21.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	124865	21.47	ug/l	100
85) sec-Butylbenzene	11.96	105	144821	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	129425	21.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	68229	20.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	69607	19.95	ug/l	98
89) n-Butylbenzene	12.40	91	117511	20.53	ug/l	99
90) Hexachloroethane	12.60	117	20839	21.54	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	69566	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14724	22.63	ug/l	93

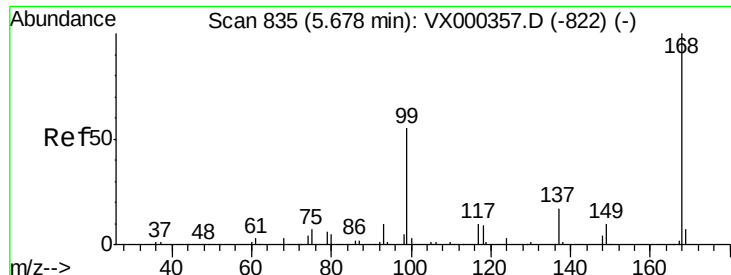
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	46837	20.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	20658	21.36	ug/l	97
95) Naphthalene	13.84	128	175804	21.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	48809	21.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

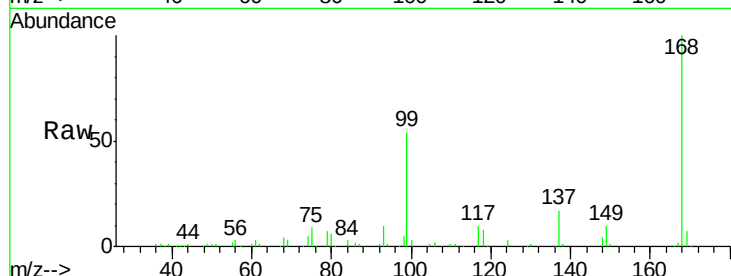
VX0321WBS02

Tgt Ion:168 Resp: 113507

Ion Ratio Lower Upper

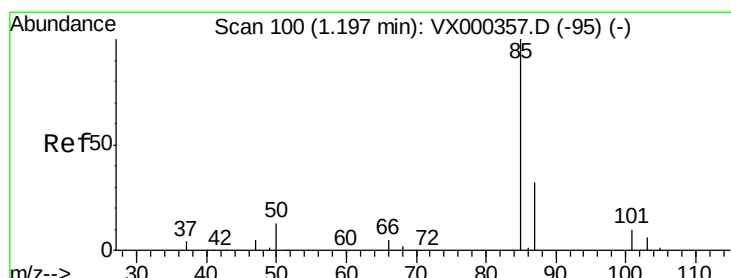
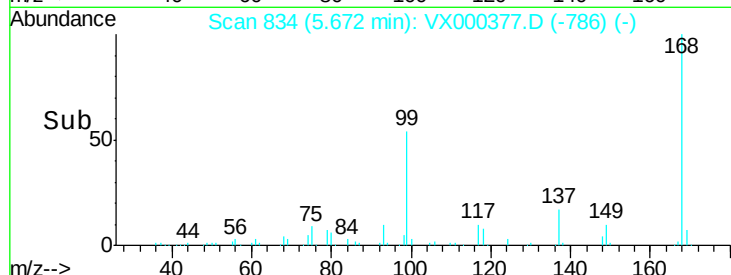
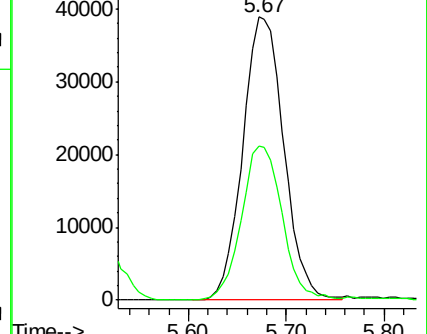
168 100

99 54.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000377.D

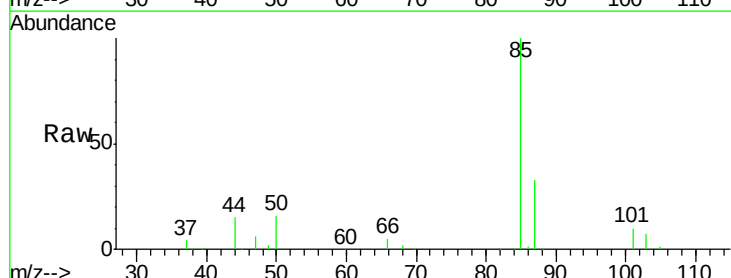
Acq: 21 Mar 2018 11:49

Tgt Ion: 85 Resp: 25955

Ion Ratio Lower Upper

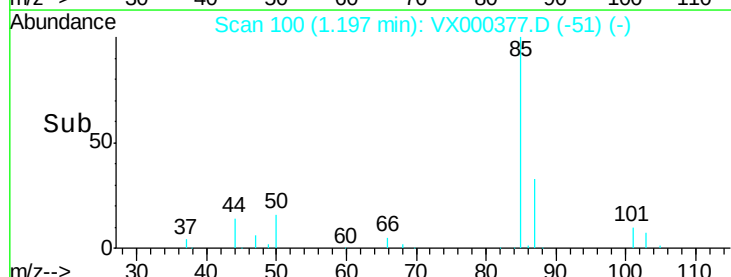
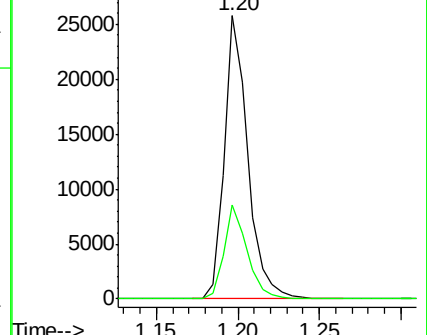
85 100

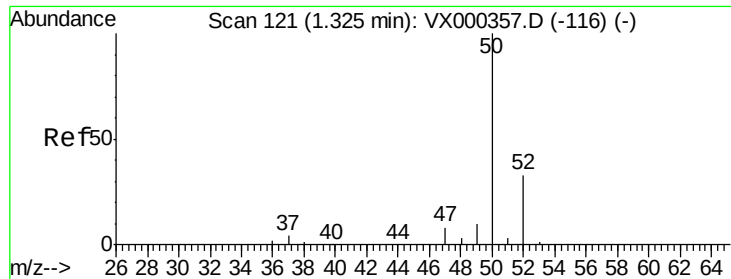
87 33.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

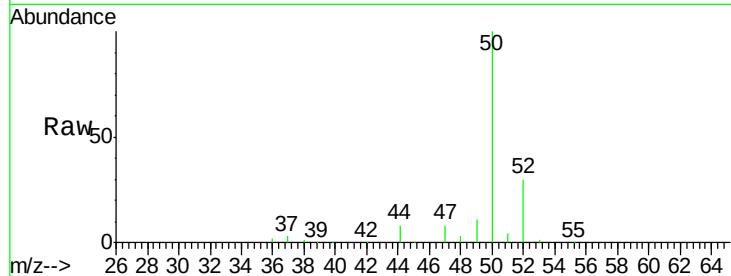
VX0321WBS02

Tgt Ion: 50 Resp: 26747

Ion Ratio Lower Upper

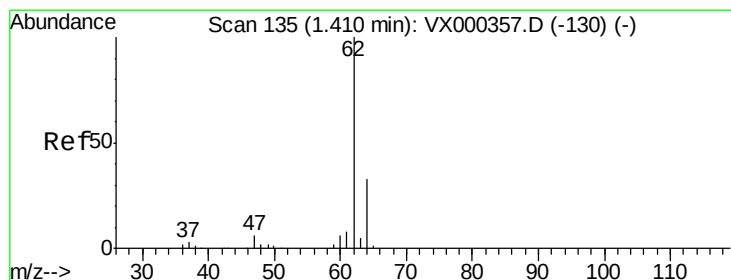
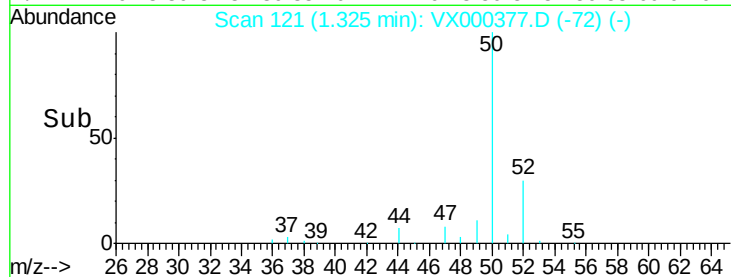
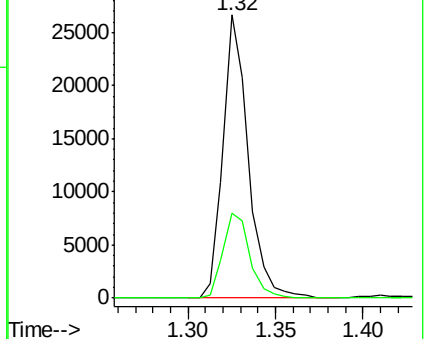
50 100

52 30.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000377.D

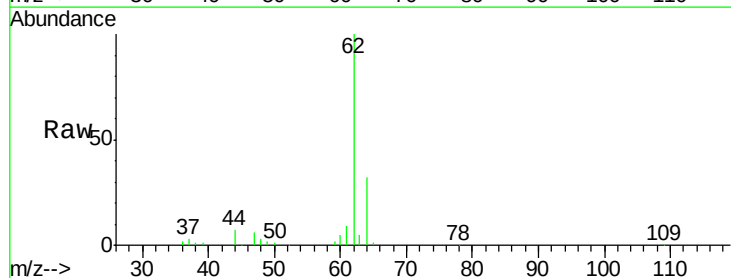
Acq: 21 Mar 2018 11:49

Tgt Ion: 62 Resp: 29595

Ion Ratio Lower Upper

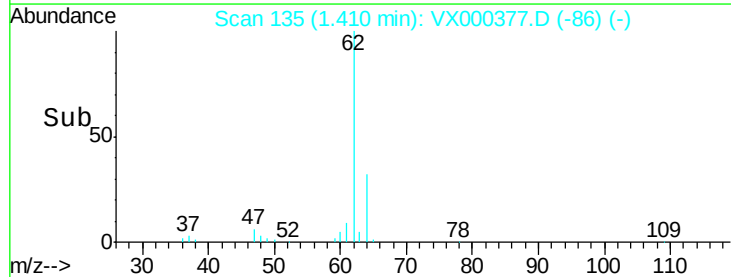
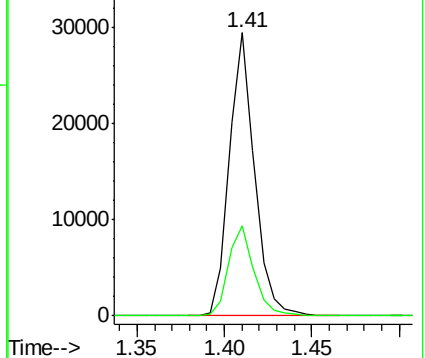
62 100

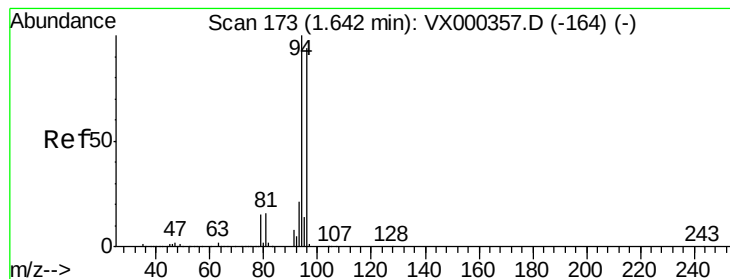
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.88 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

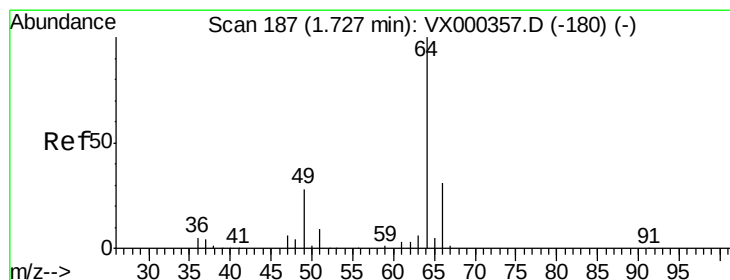
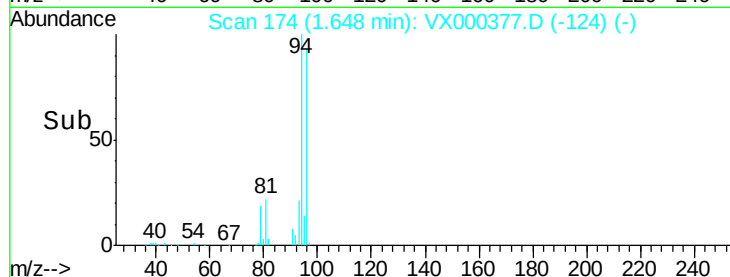
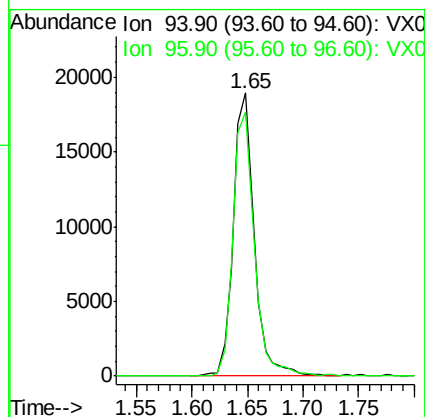
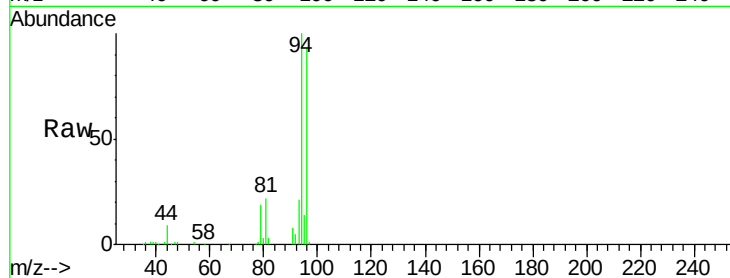
VX0321WBS02

Tgt Ion: 94 Resp: 24755

Ion Ratio Lower Upper

94 100

96 93.3 77.7 116.5



#6

Chloroethane

Concen: 24.04 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000377.D

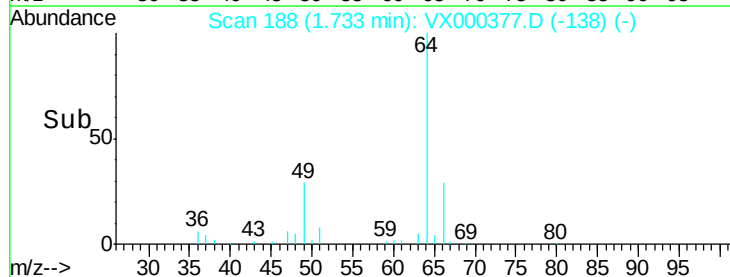
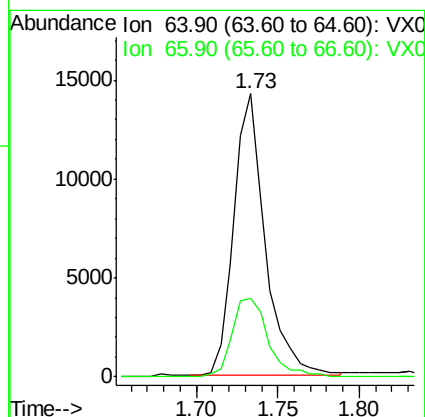
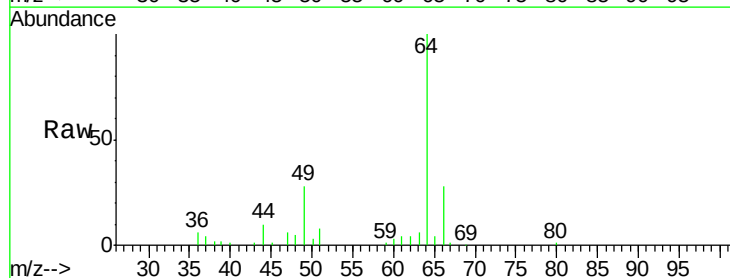
Acq: 21 Mar 2018 11:49

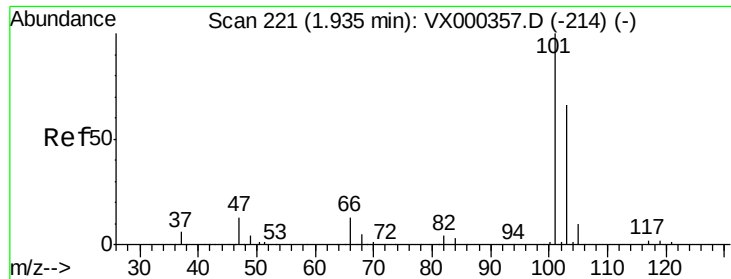
Tgt Ion: 64 Resp: 18996

Ion Ratio Lower Upper

64 100

66 27.9 24.8 37.2



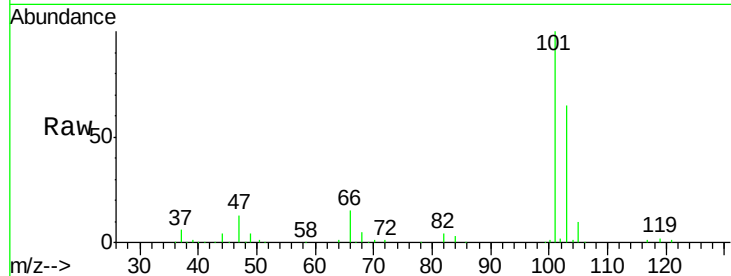


#7

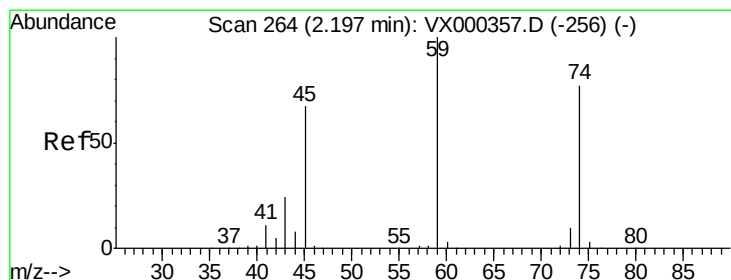
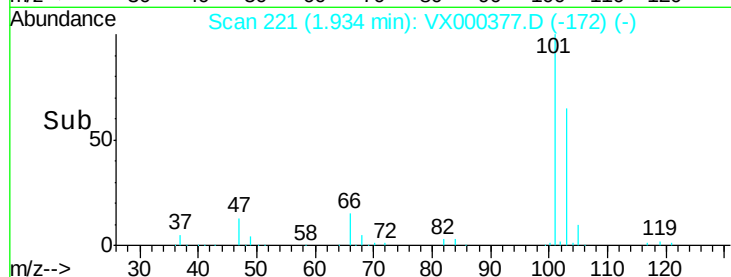
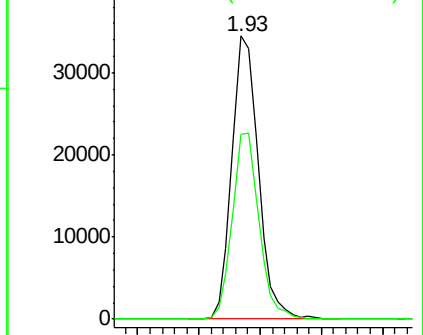
Trichlorofluoromethane
 Concen: 20.50 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tgt Ion: 101 Resp: 51532
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.6 77.4



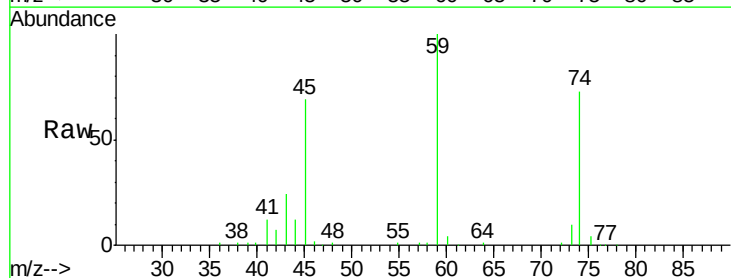
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



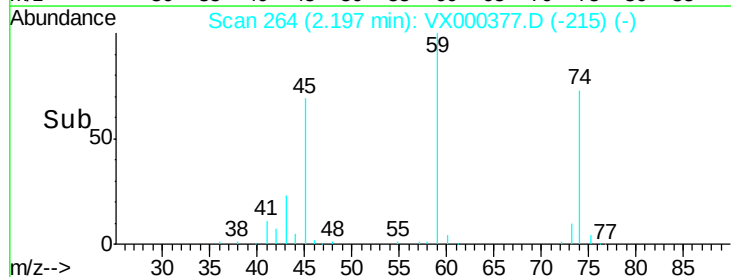
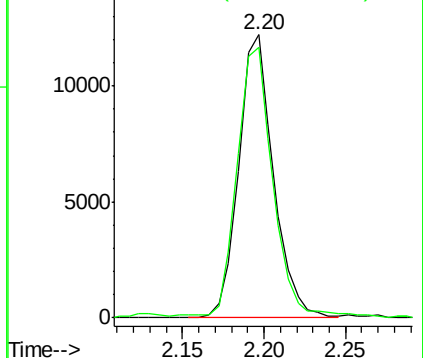
#8

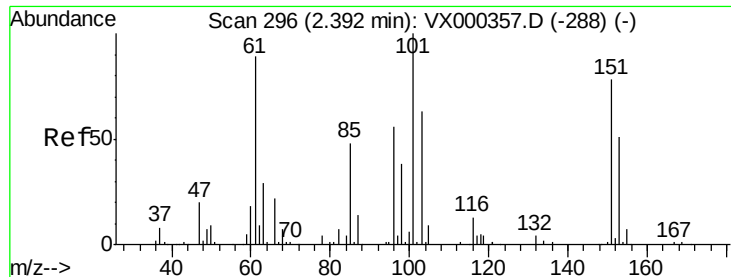
Diethyl Ether
 Concen: 20.17 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 74 Resp: 18120
 Ion Ratio Lower Upper
 74 100
 45 99.2 45.1 135.3



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: 20.73 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

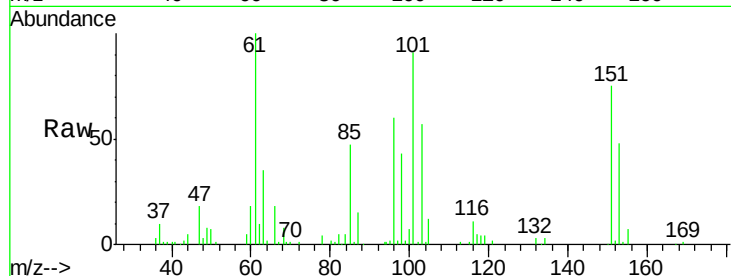
Tgt Ion:101 Resp: 29048

Ion Ratio Lower Upper

101 100

85 49.1 37.6 56.4

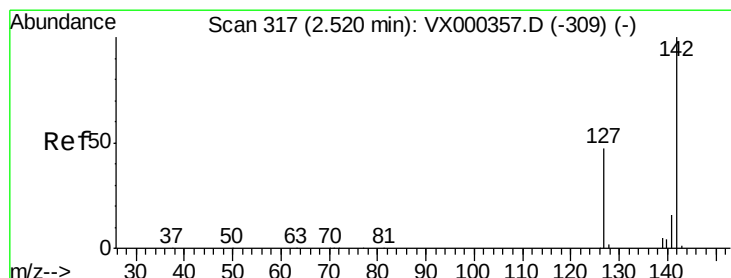
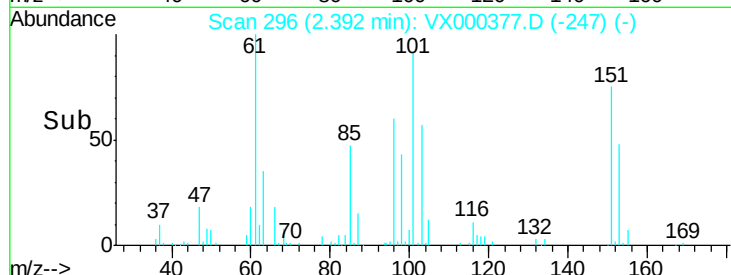
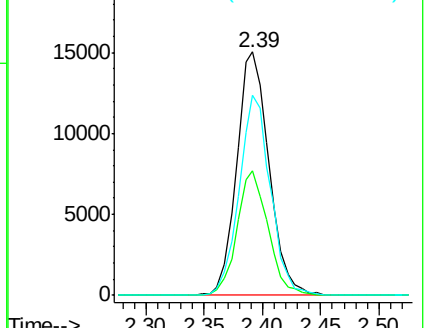
151 79.8 62.6 93.8



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: 21.91 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

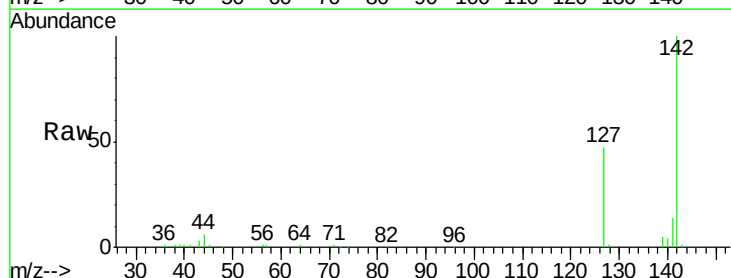
Tgt Ion:142 Resp: 26779

Ion Ratio Lower Upper

142 100

127 48.7 39.2 58.8

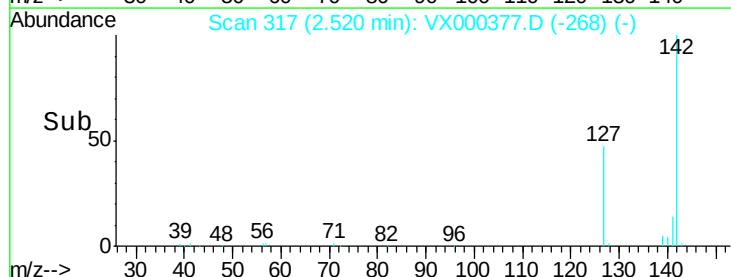
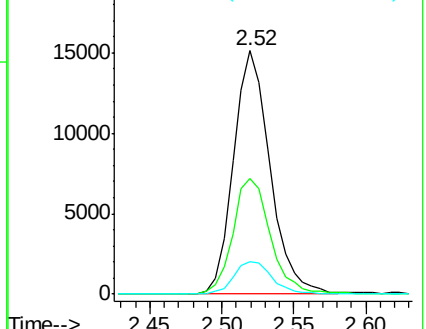
141 14.0 11.7 17.5

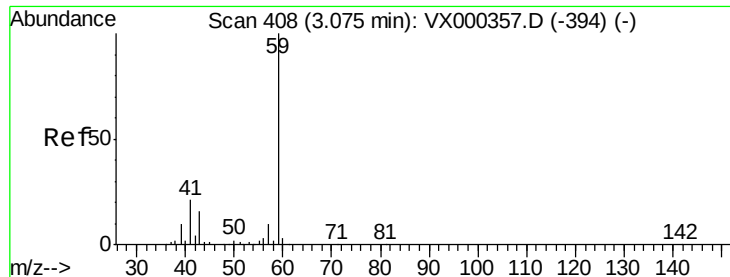


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

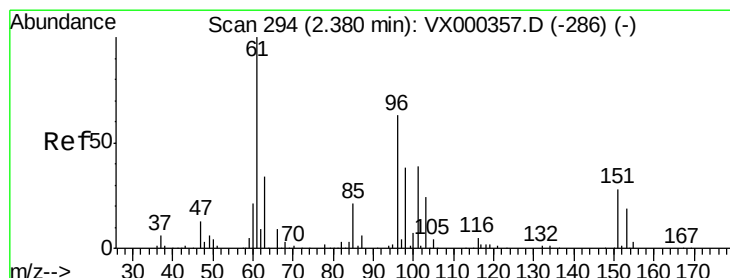
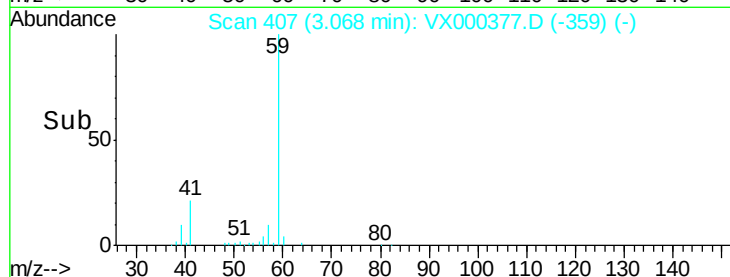
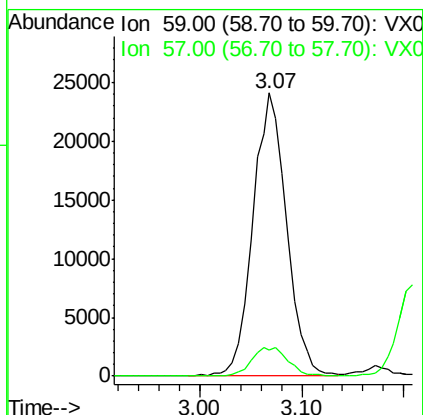
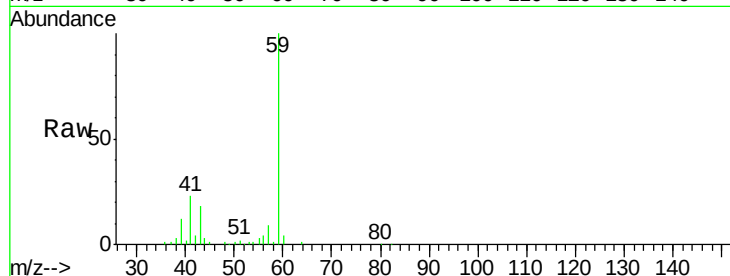




#11
Tert butyl alcohol
Concen: 108.41 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

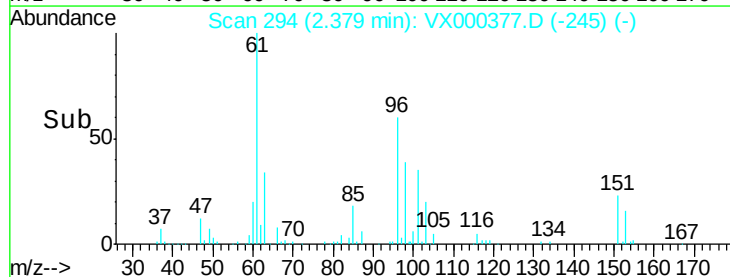
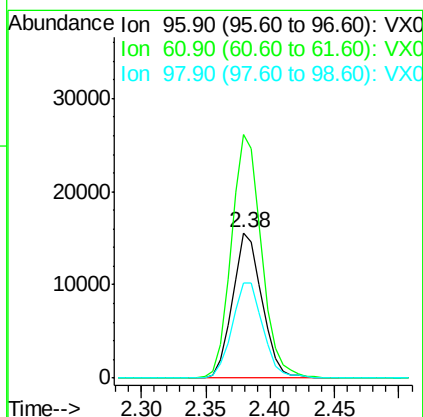
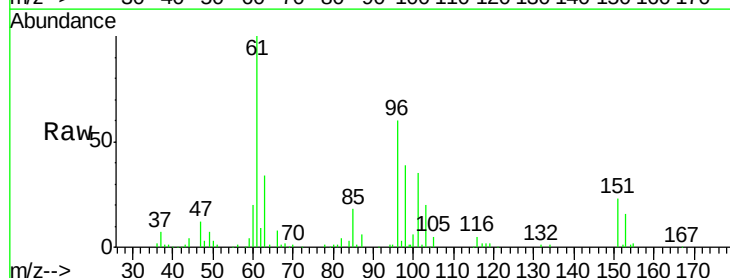
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

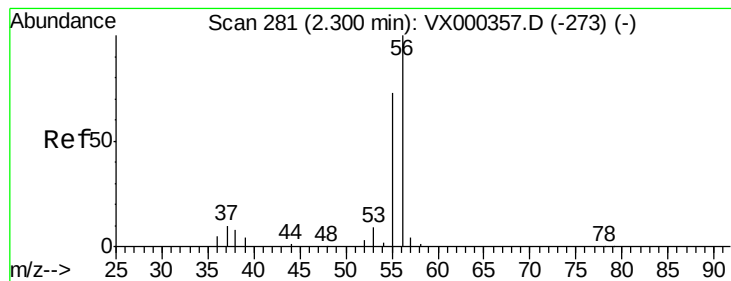
Tgt Ion: 59 Resp: 55254
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.20 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 96 Resp: 24854
Ion Ratio Lower Upper
96 100
61 167.4 131.2 196.8
98 65.7 49.8 74.8





#13

Acrolein

Concen: 105.18 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

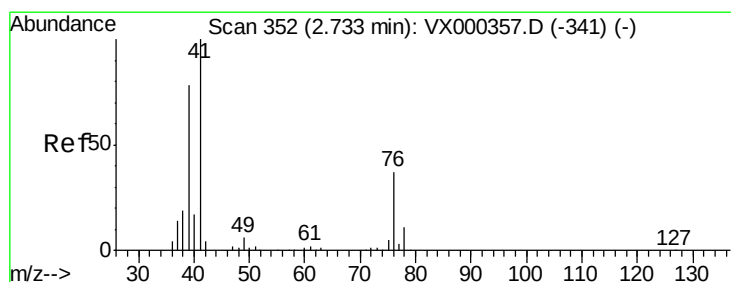
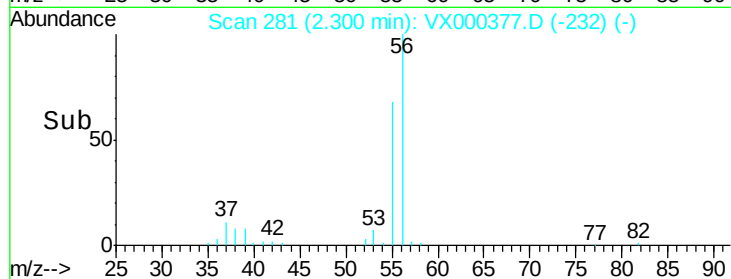
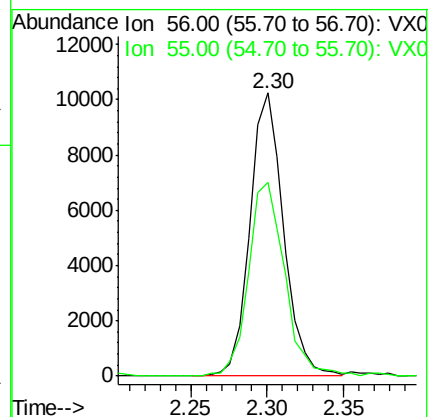
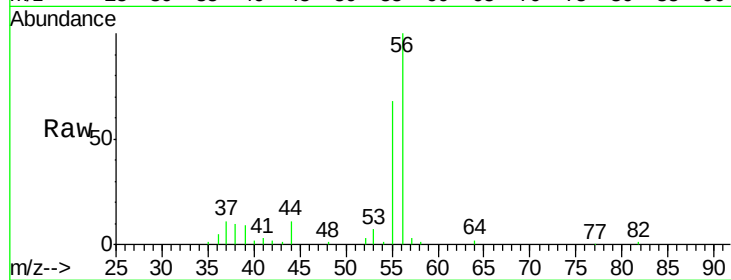
VX0321WBS02

Tgt Ion: 56 Resp: 15656

Ion Ratio Lower Upper

56 100

55 73.4 58.8 88.2



#14

Allyl chloride

Concen: 21.80 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

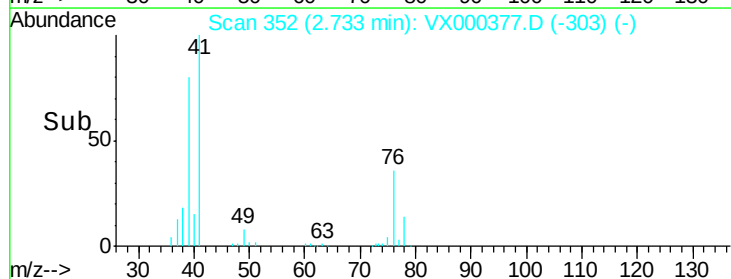
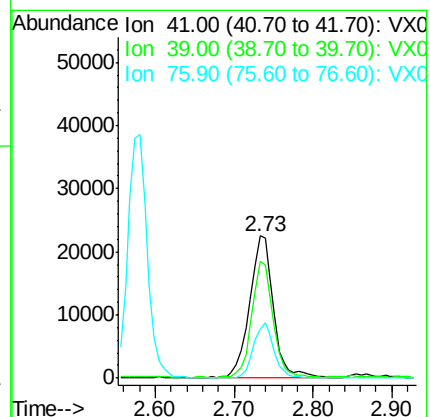
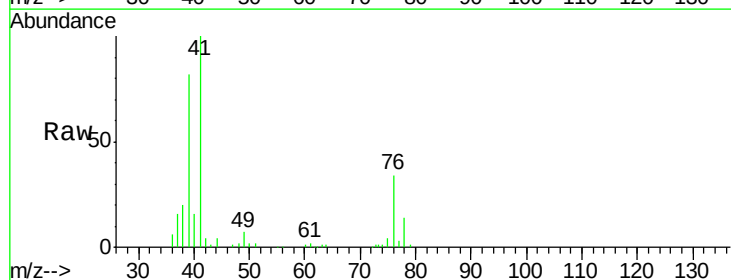
Tgt Ion: 41 Resp: 47505

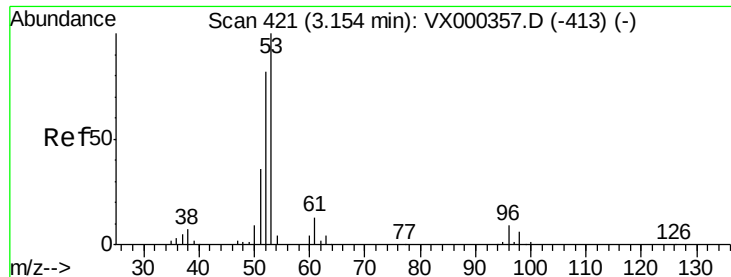
Ion Ratio Lower Upper

41 100

39 72.5 57.6 86.4

76 33.3 27.3 40.9





#15

Acrylonitrile

Concen: 106.19 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

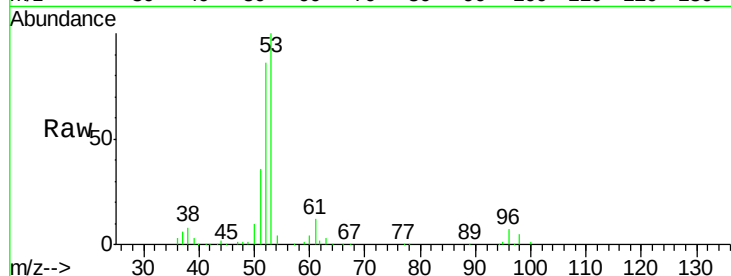
Tgt Ion: 53 Resp: 109612

Ion Ratio Lower Upper

53 100

52 82.7 66.6 99.8

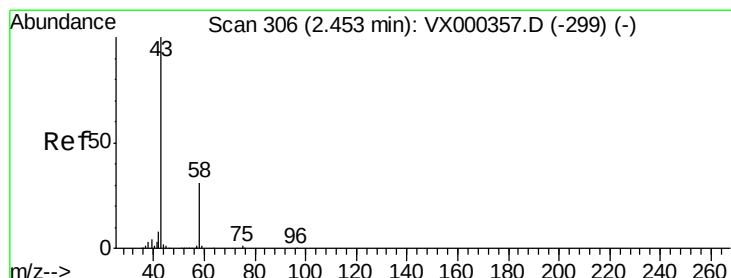
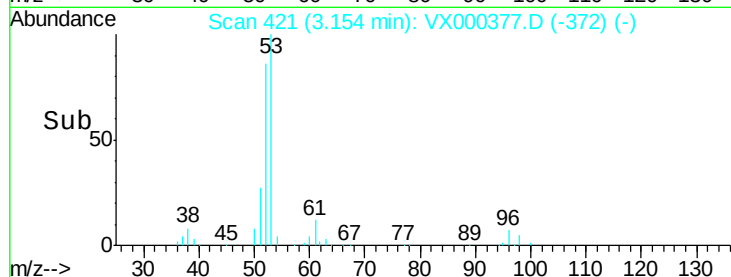
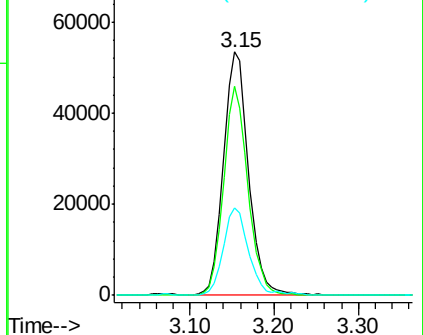
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 103.90 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000377.D

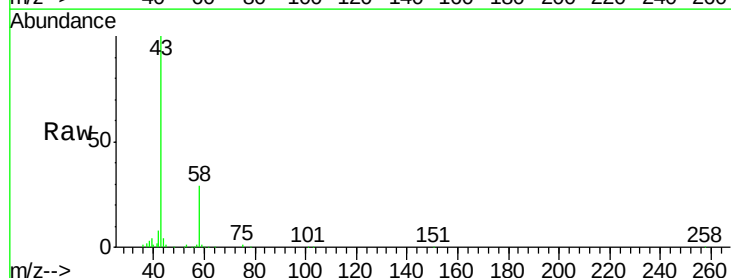
Acq: 21 Mar 2018 11:49

Tgt Ion: 43 Resp: 128068

Ion Ratio Lower Upper

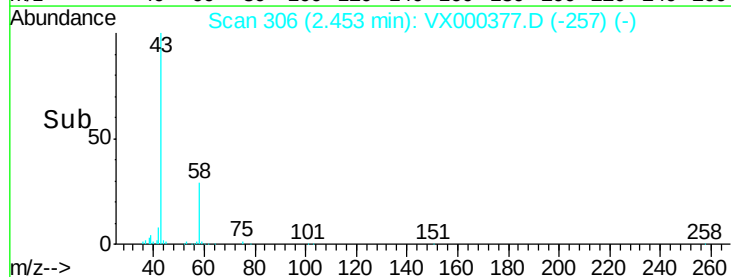
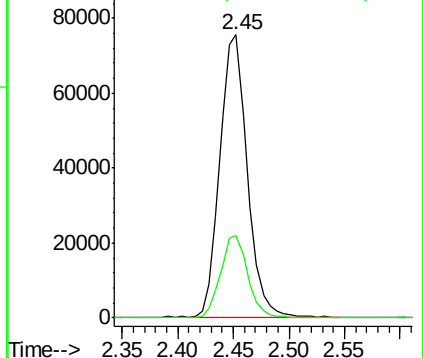
43 100

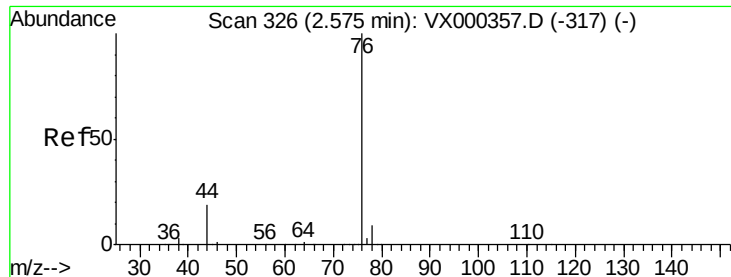
58 29.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

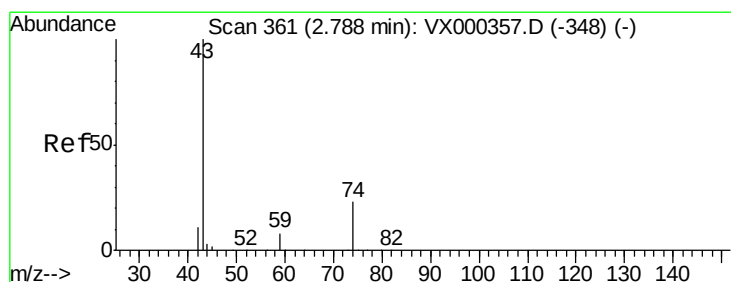
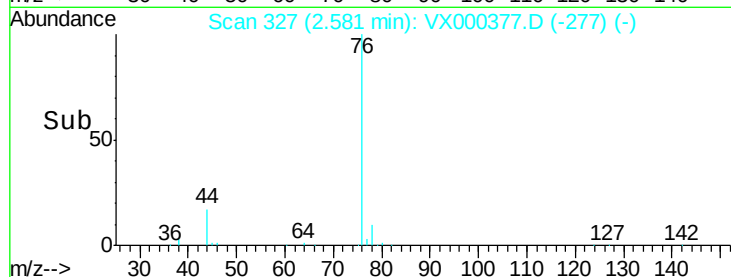
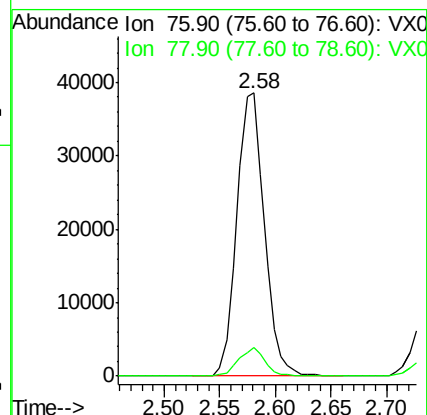
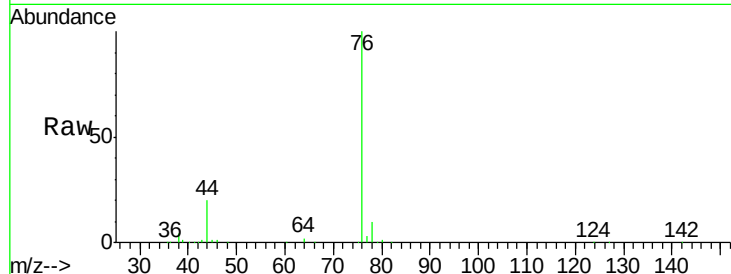




#17
 Carbon Disulfide
 Concen: 20.24 ug/l
 RT: 2.58 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

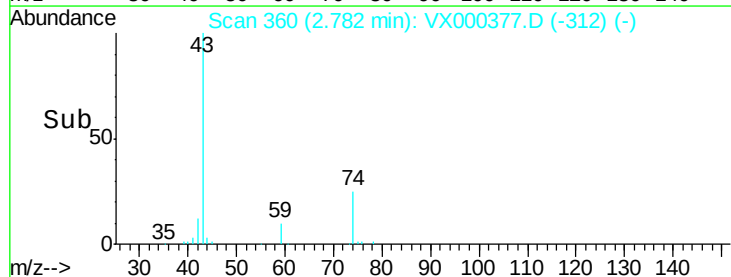
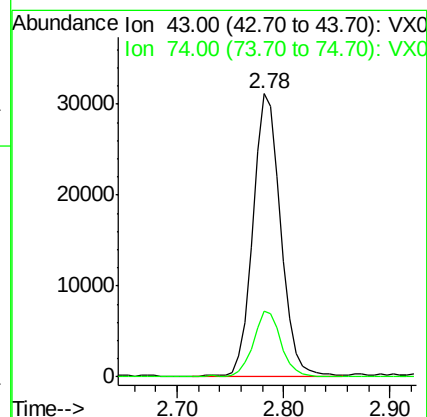
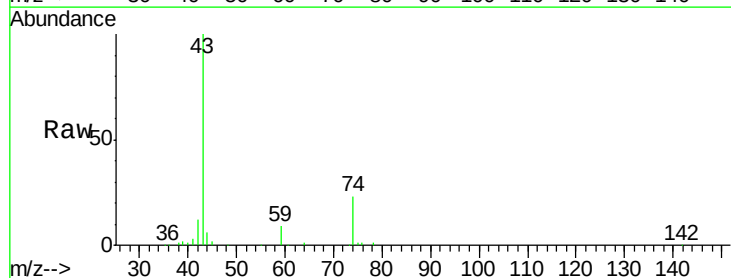
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

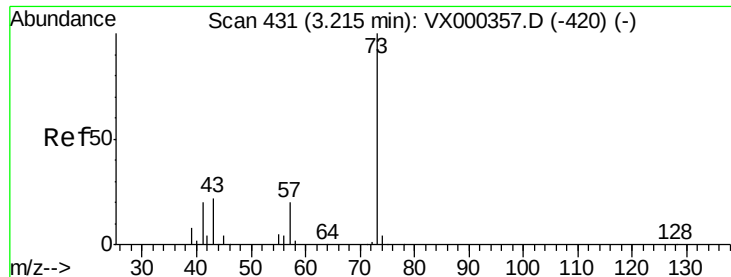
Tgt Ion: 76 Resp: 66205
 Ion Ratio Lower Upper
 76 100
 78 10.2 7.0 10.6



#18
 Methyl Acetate
 Concen: 21.99 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 43 Resp: 56812
 Ion Ratio Lower Upper
 43 100
 74 23.6 19.4 29.2

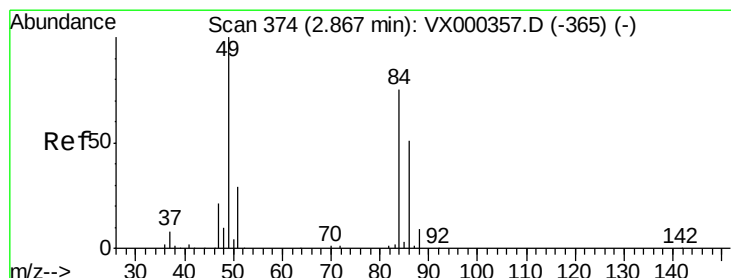
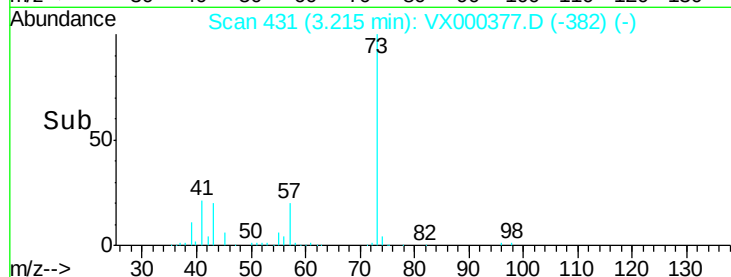
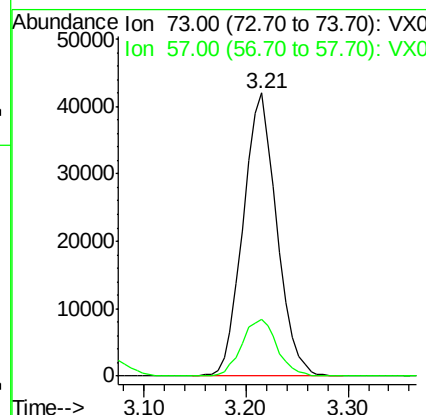
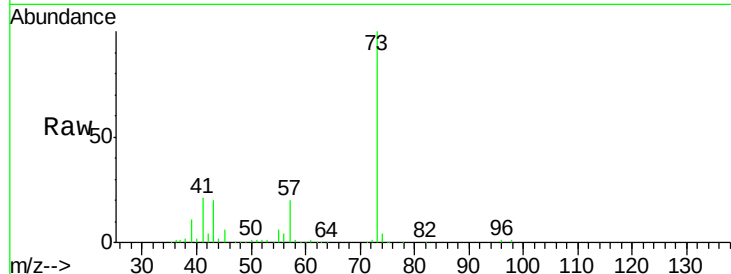




#19
Methyl tert-butyl Ether
Concen: 21.15 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

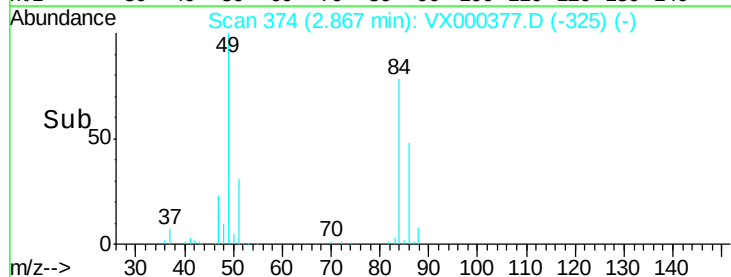
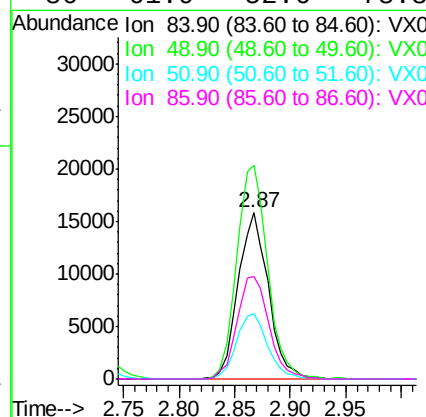
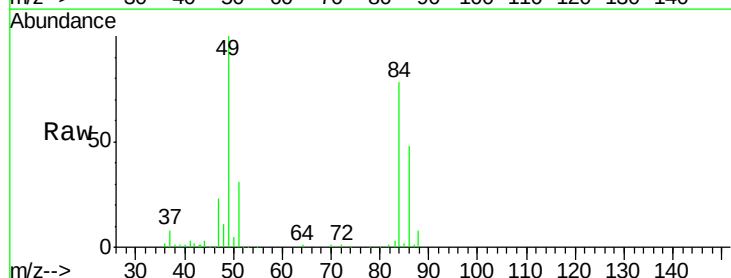
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

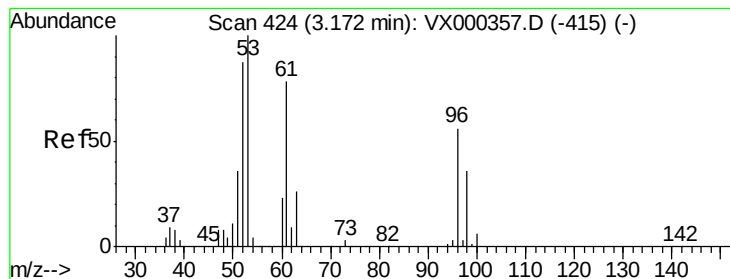
Tgt Ion: 73 Resp: 96239
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8



#20
Methylene Chloride
Concen: 20.88 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 84 Resp: 29722
Ion Ratio Lower Upper
84 100
49 128.5 100.6 151.0
51 39.5 31.6 47.4
86 61.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

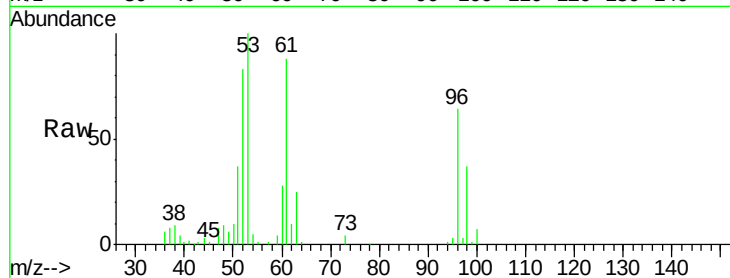
Tgt Ion: 96 Resp: 27379

Ion Ratio Lower Upper

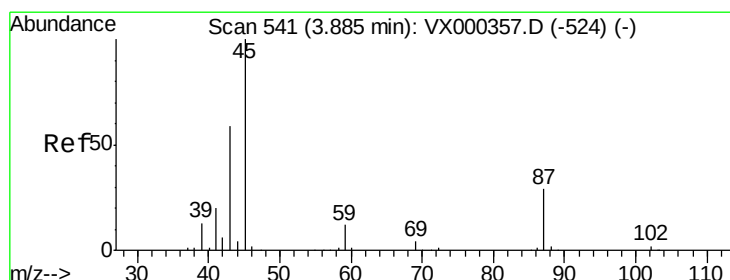
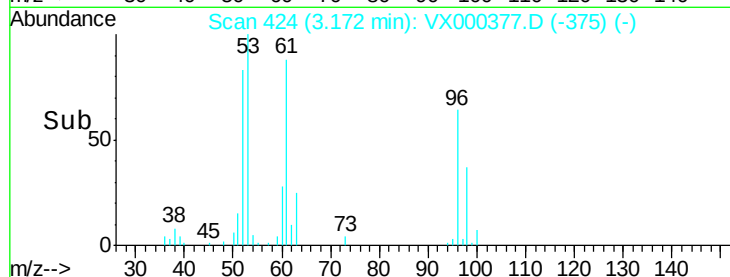
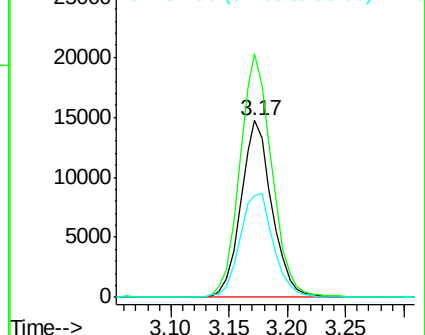
96 100

61 138.0 104.0 156.0

98 57.9 52.1 78.1



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



#22

Diisopropyl ether

Concen: 19.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion: 45 Resp: 75401

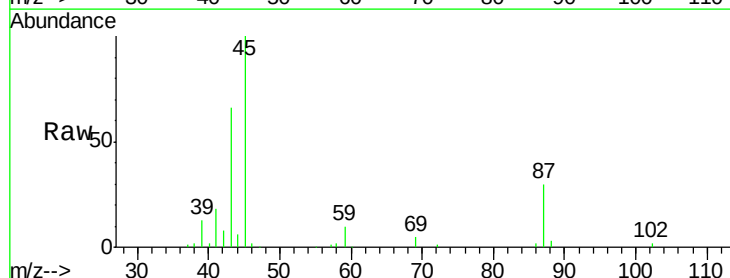
Ion Ratio Lower Upper

45 100

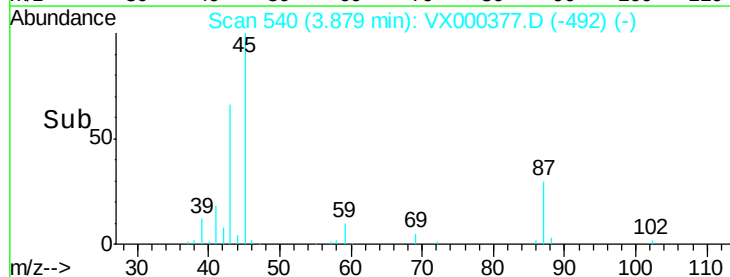
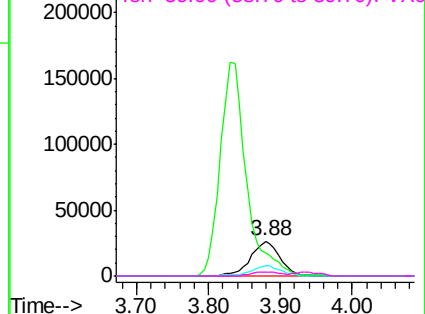
43 65.0 53.9 80.9

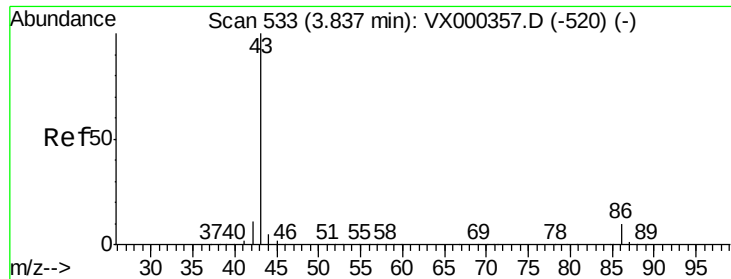
87 30.4 22.6 34.0

59 9.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 114.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

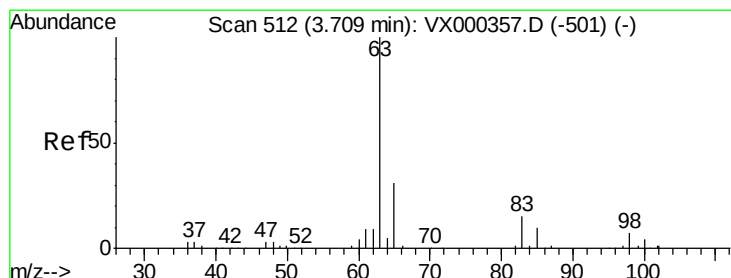
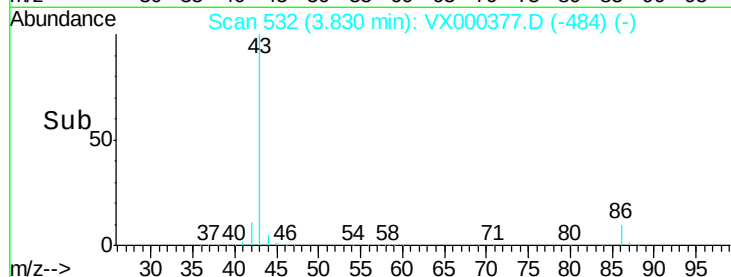
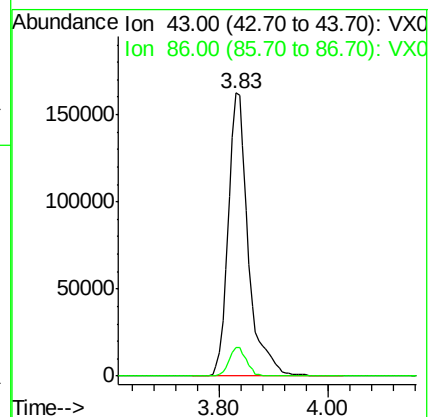
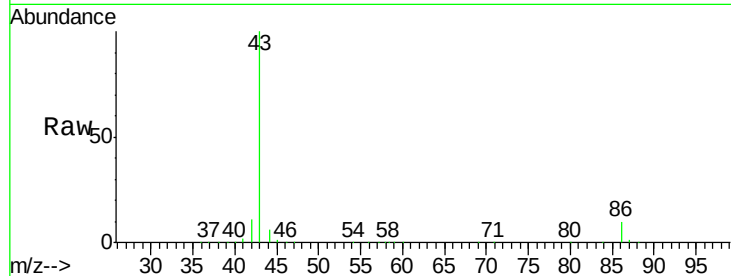
VX0321WBS02

Tgt Ion: 43 Resp: 415756

Ion Ratio Lower Upper

43 100

86 10.0 8.6 12.8



#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

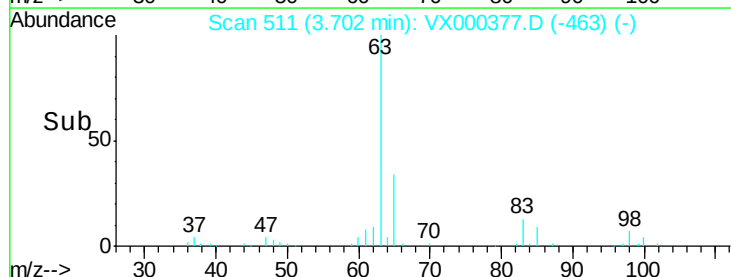
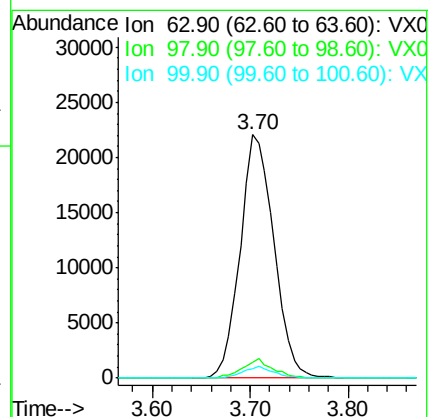
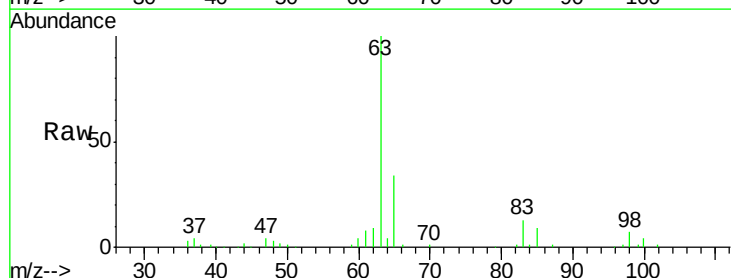
Tgt Ion: 63 Resp: 52866

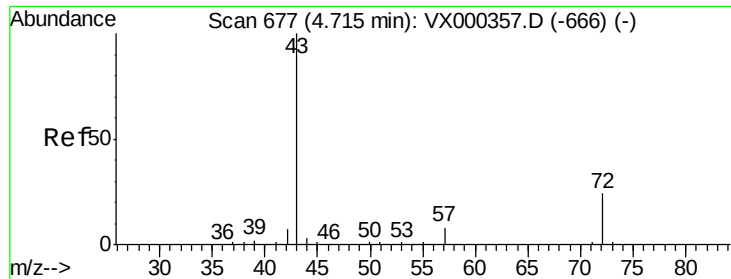
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 106.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

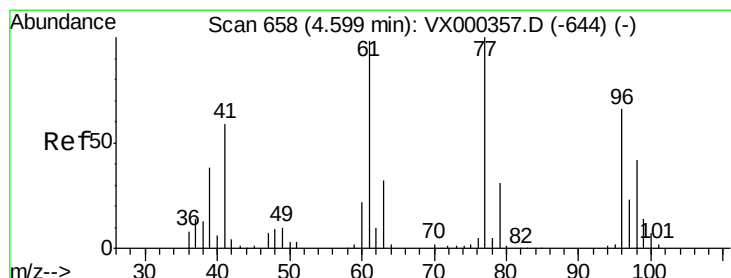
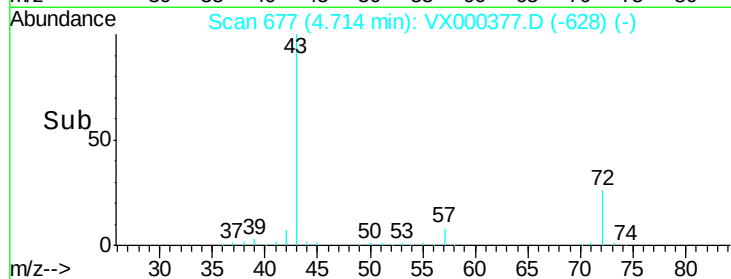
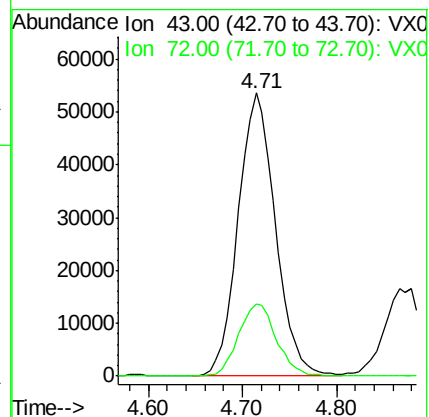
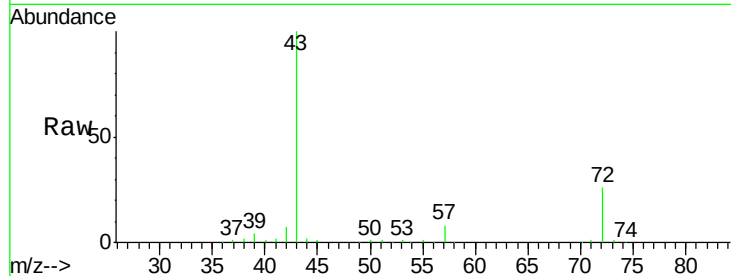
VX0321WBS02

Tgt Ion: 43 Resp: 147913

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000377.D

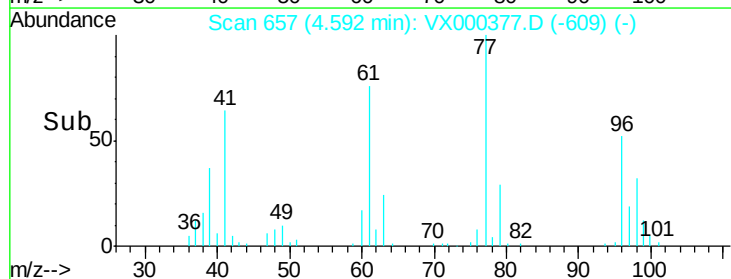
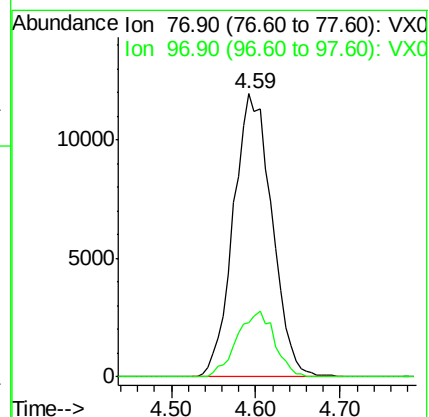
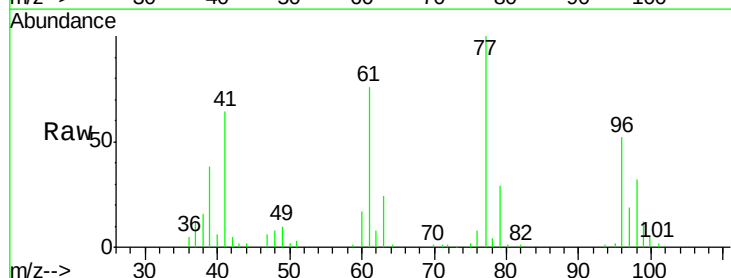
Acq: 21 Mar 2018 11:49

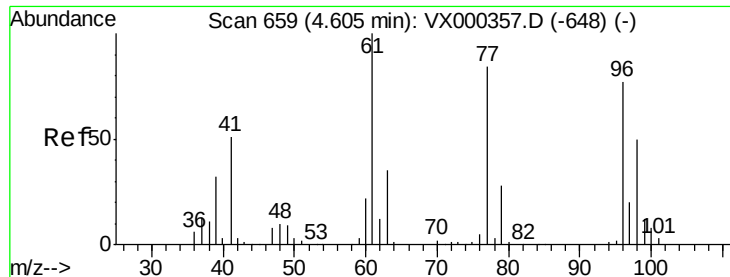
Tgt Ion: 77 Resp: 37098

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.45 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

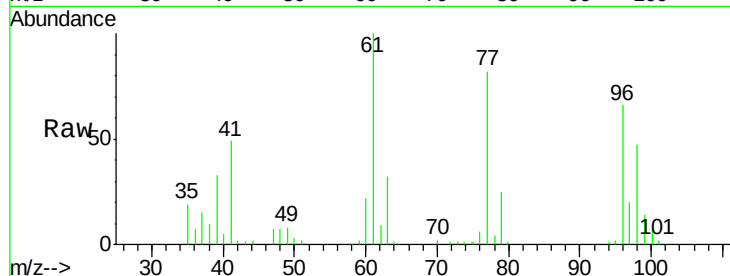
Tgt Ion: 96 Resp: 26237

Ion Ratio Lower Upper

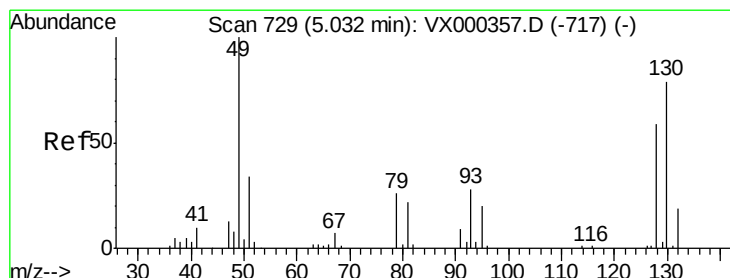
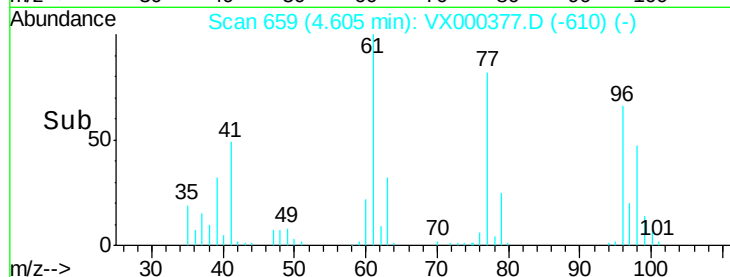
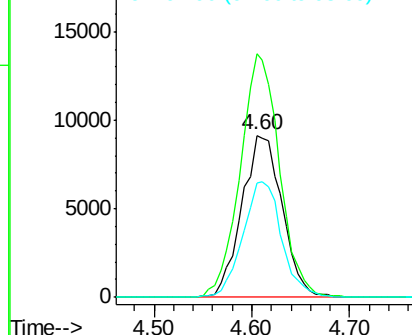
96 100

61 145.8 0.0 291.6

98 68.4 0.0 132.0



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



#28

Bromochloromethane

Concen: 20.87 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

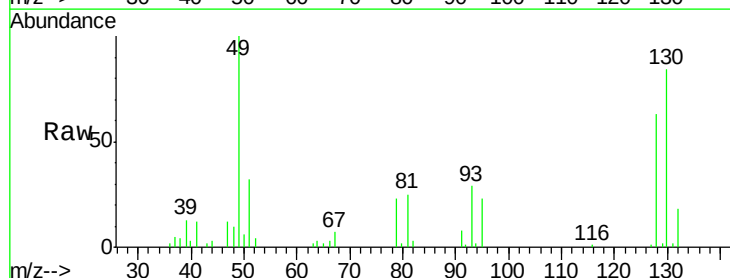
Tgt Ion: 49 Resp: 20813

Ion Ratio Lower Upper

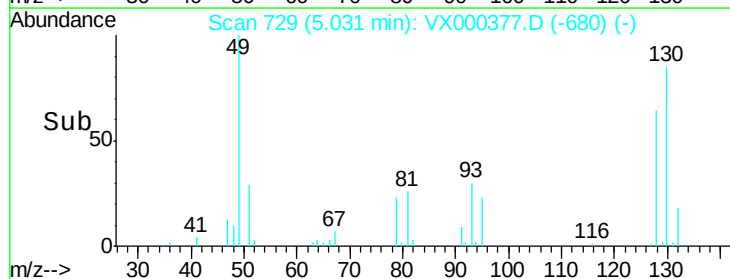
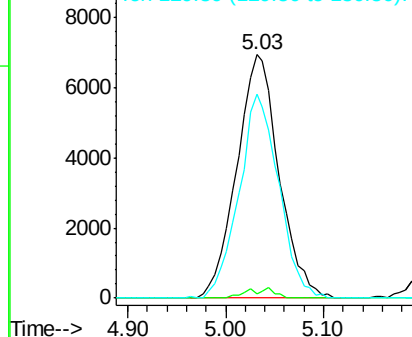
49 100

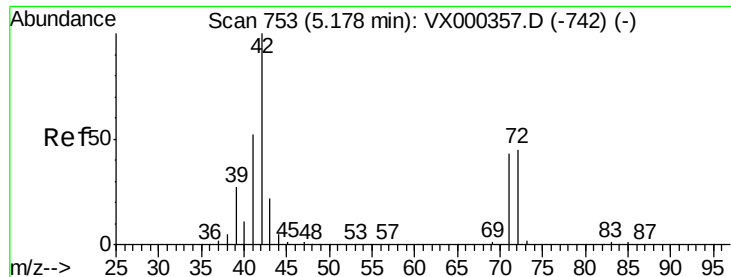
129 1.3 0.0 5.0

130 79.0 64.0 96.0



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

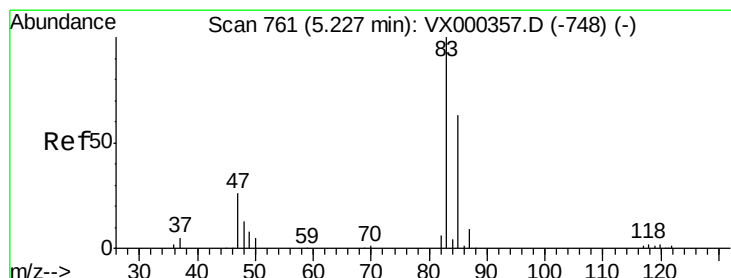
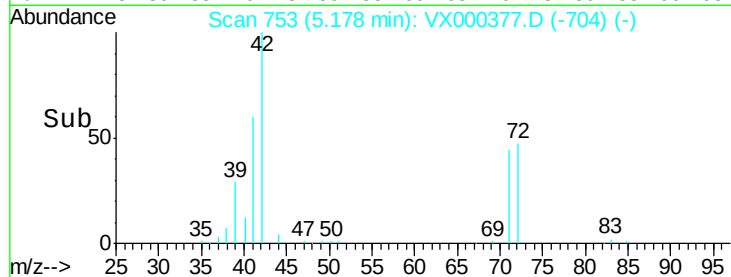
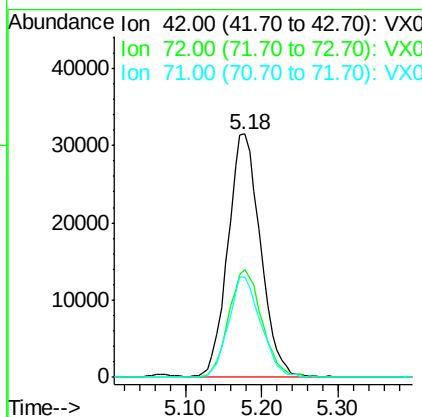
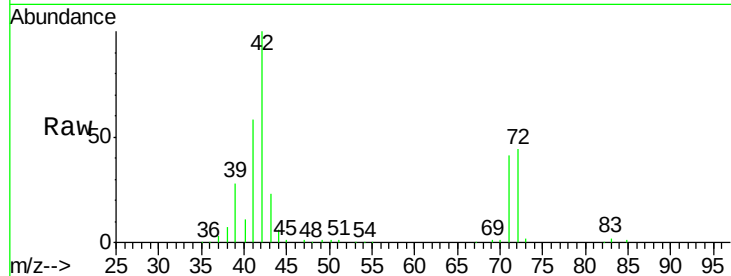




#29
Tetrahydrofuran
Concen: 109.24 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

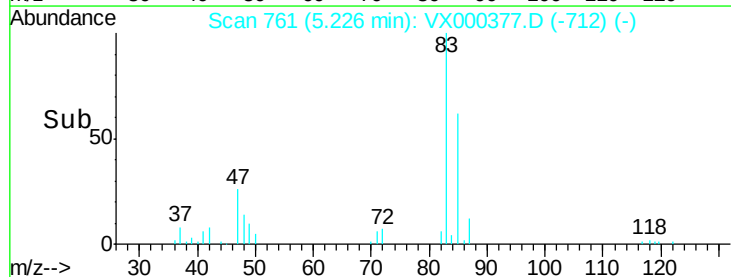
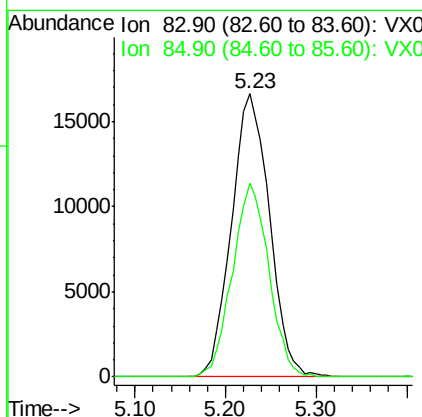
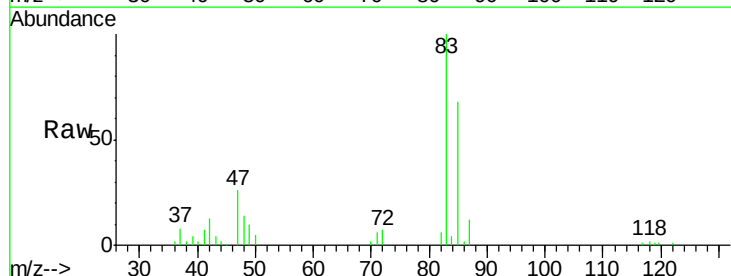
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

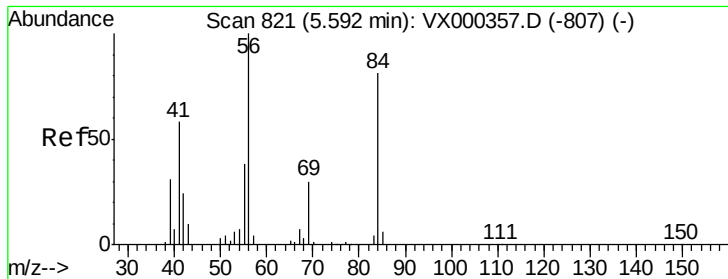
Tgt Ion: 42 Resp: 93114
Ion Ratio Lower Upper
42 100
72 45.0 37.9 56.9
71 41.1 34.4 51.6



#30
Chloroform
Concen: 21.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 83 Resp: 48333
Ion Ratio Lower Upper
83 100
85 68.5 53.3 79.9

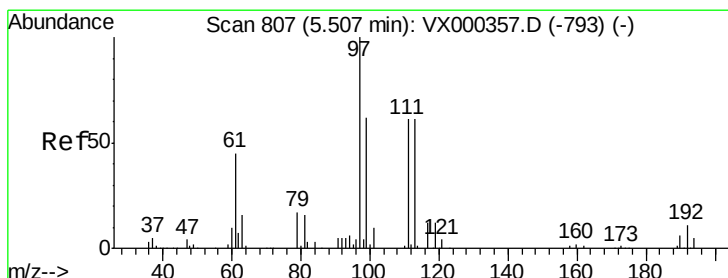
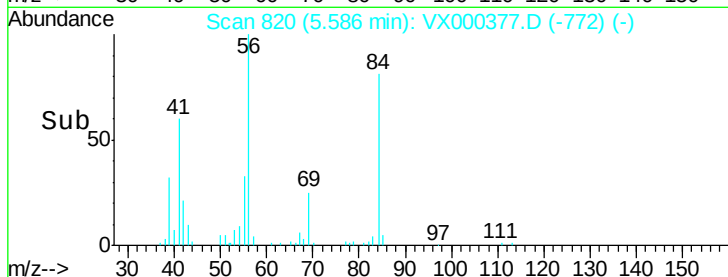
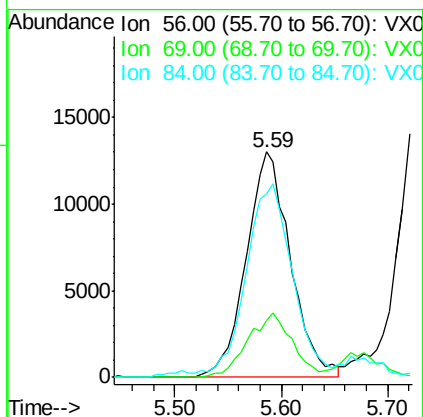
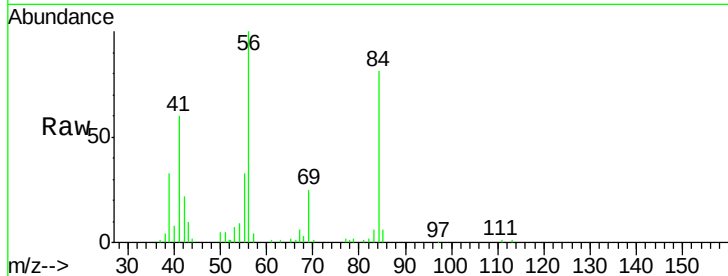




#31
Cyclohexane
Concen: 20.22 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

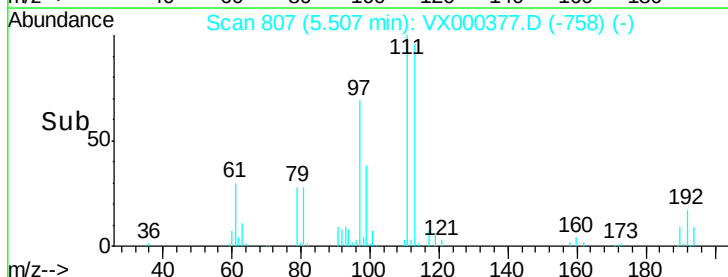
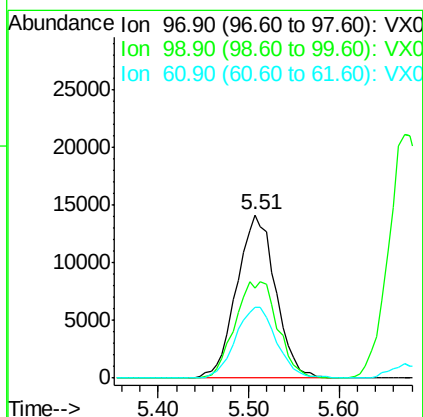
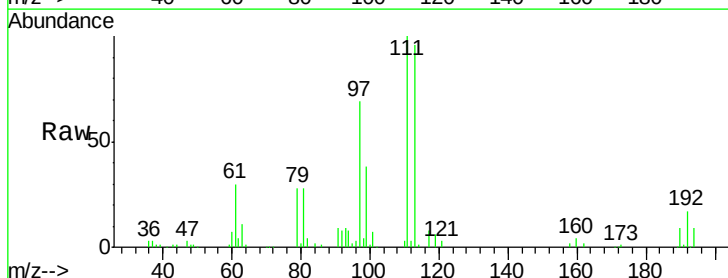
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

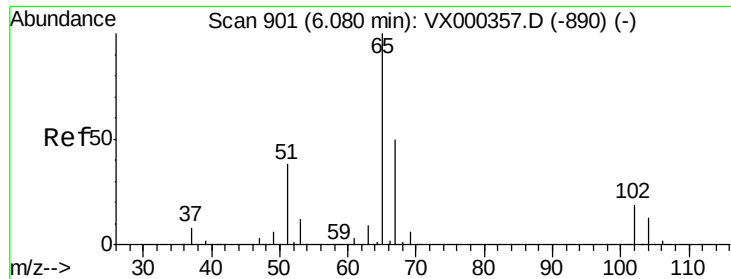
Tgt Ion: 56 Resp: 37804
Ion Ratio Lower Upper
56 100
69 25.4 23.4 35.0
84 79.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 97 Resp: 42017
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 45.7 36.2 54.4

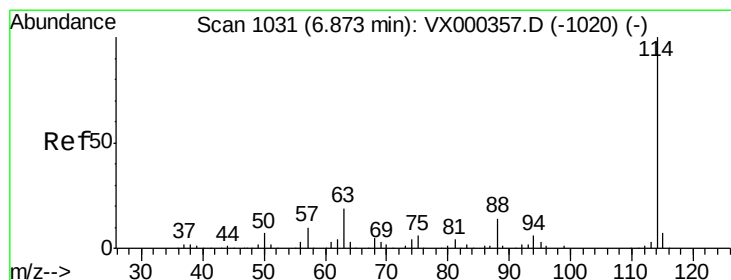
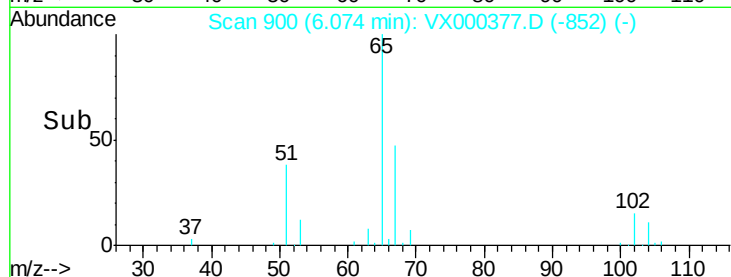
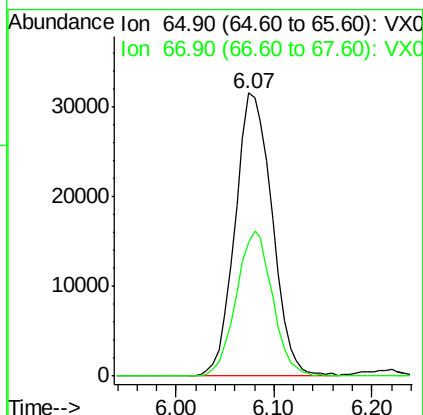
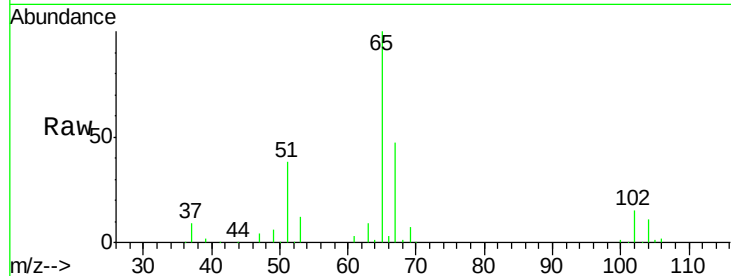




#33
 1,2-Dichloroethane-d4
 Concen: 55.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

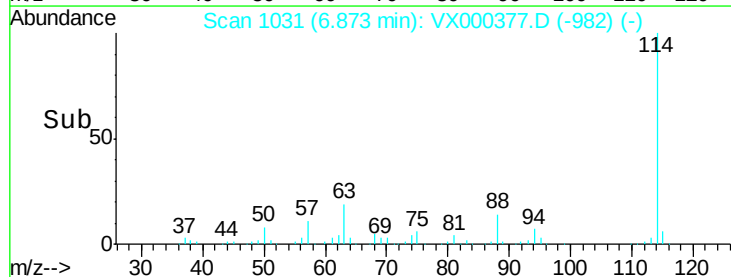
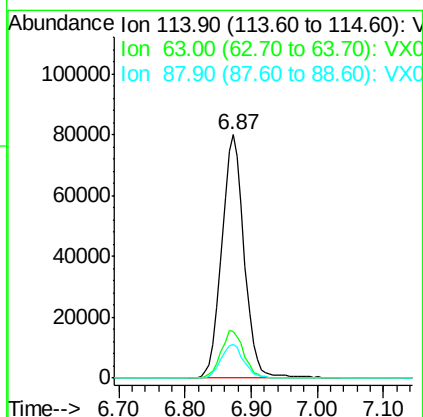
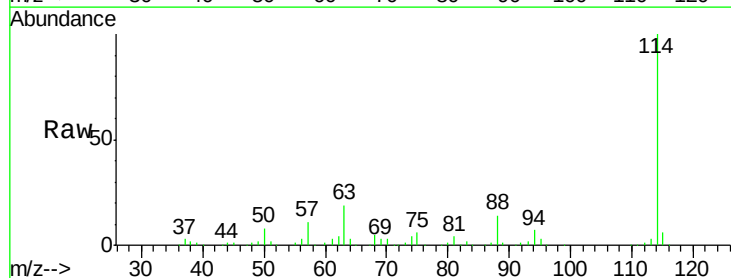
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

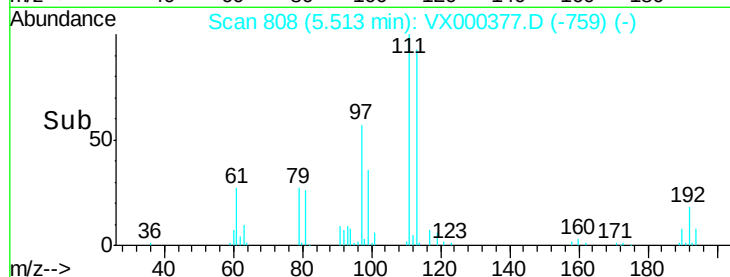
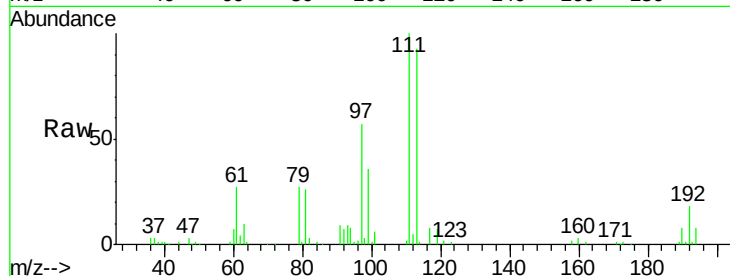
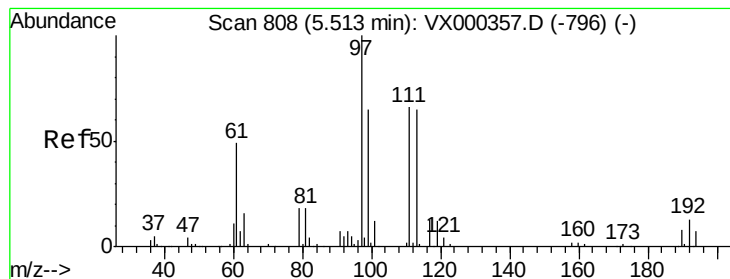
Tgt Ion: 65 Resp: 82811
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 114 Resp: 188203
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

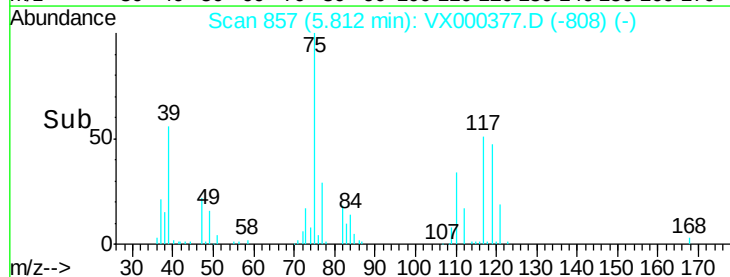
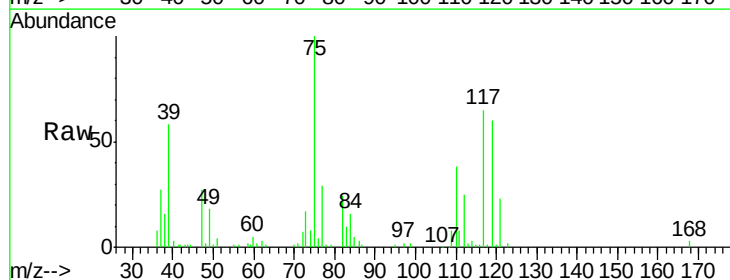
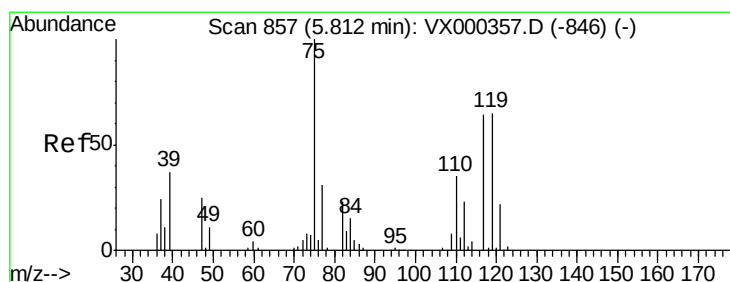
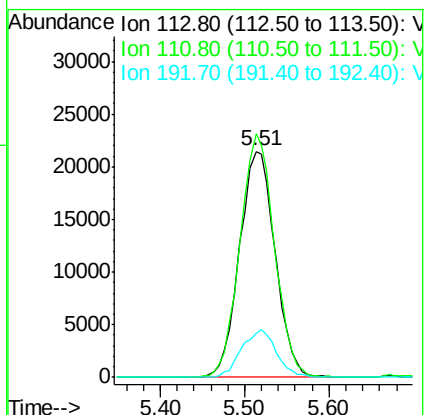
Tgt Ion:113 Resp: 61420

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 20.5 15.8 23.6



#36

1,1-Dichloropropene

Concen: 19.97 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

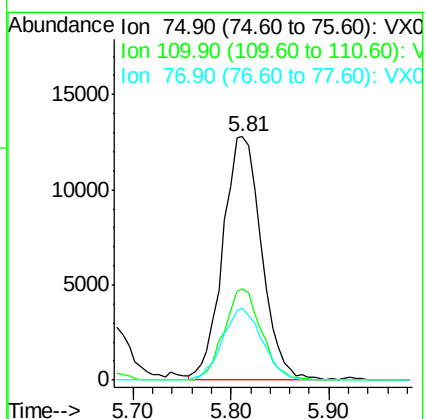
Tgt Ion: 75 Resp: 35212

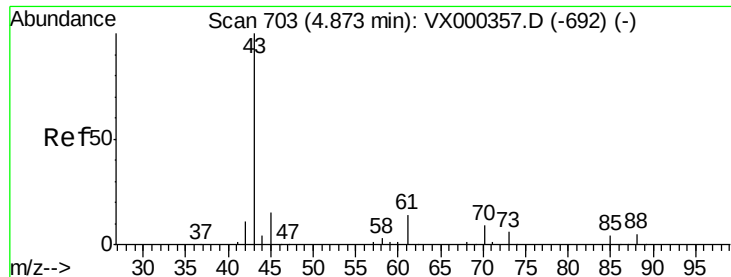
Ion Ratio Lower Upper

75 100

110 36.1 17.9 53.7

77 30.1 24.0 36.0

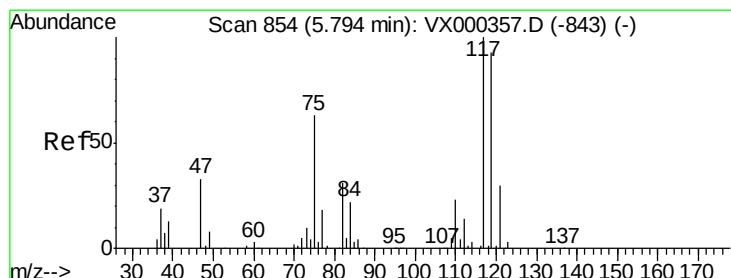
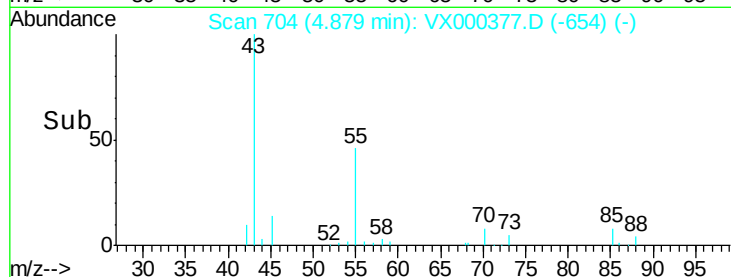
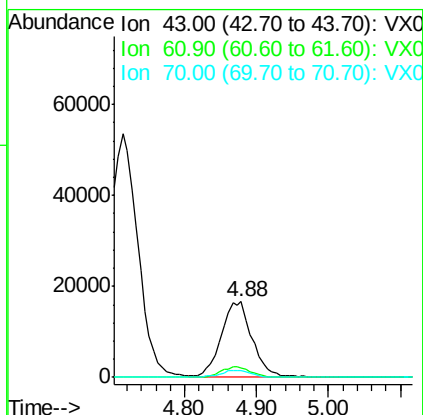
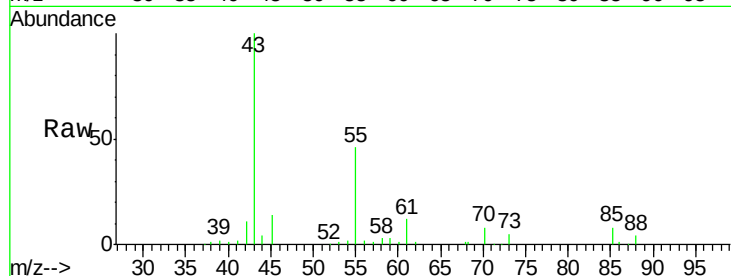




#37
Ethyl Acetate
Concen: 20.68 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

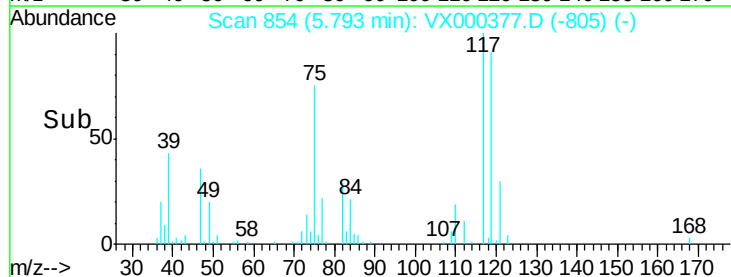
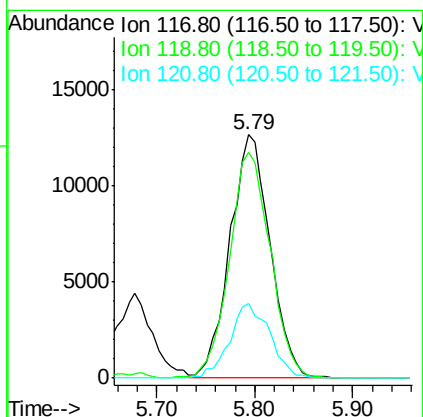
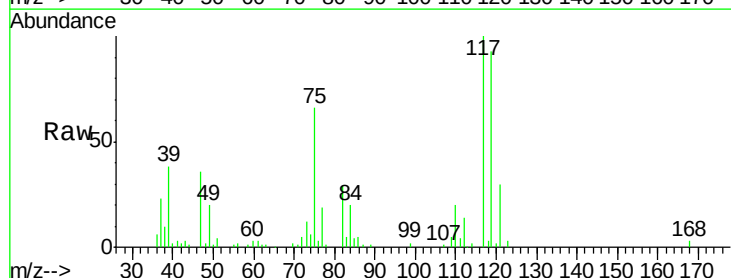
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

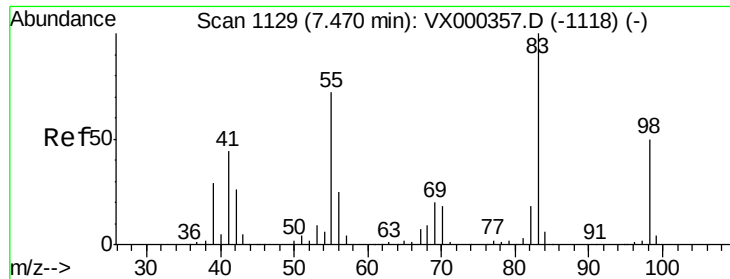
Tgt Ion: 43 Resp: 49801
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 9.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.44 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 117 Resp: 35946
Ion Ratio Lower Upper
117 100
119 92.5 77.4 116.2
121 30.5 24.8 37.2

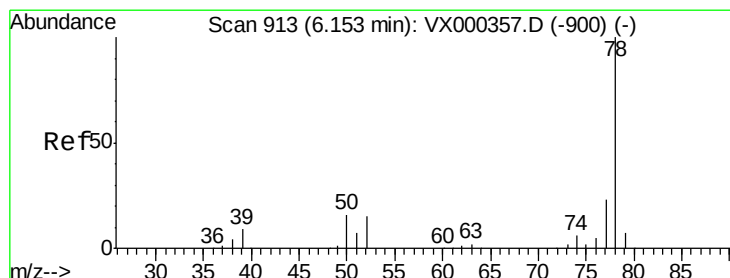
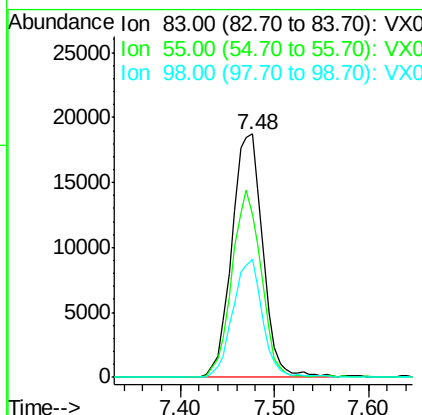
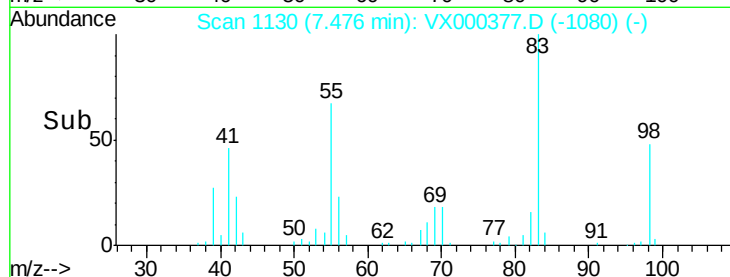
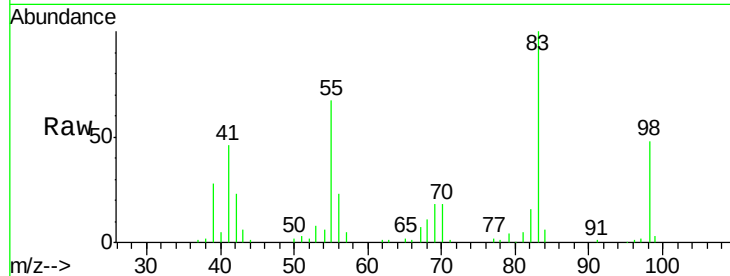




#39
Methylcyclohexane
Concen: 20.04 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

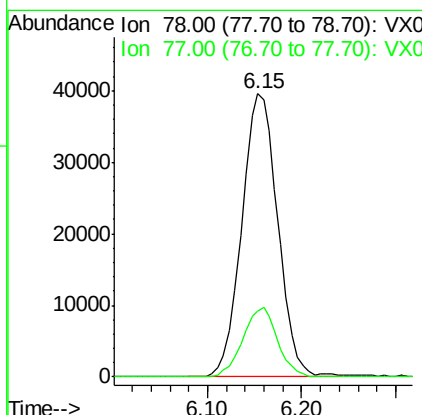
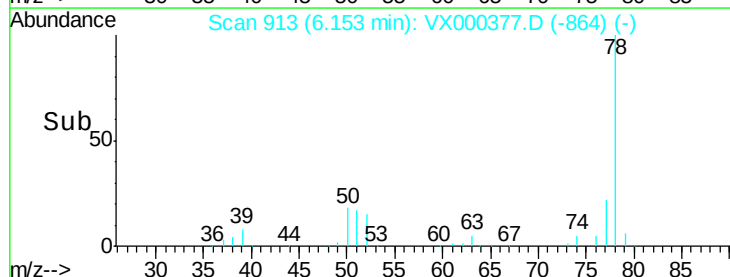
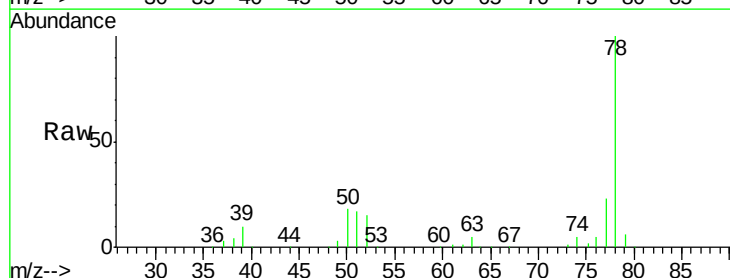
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

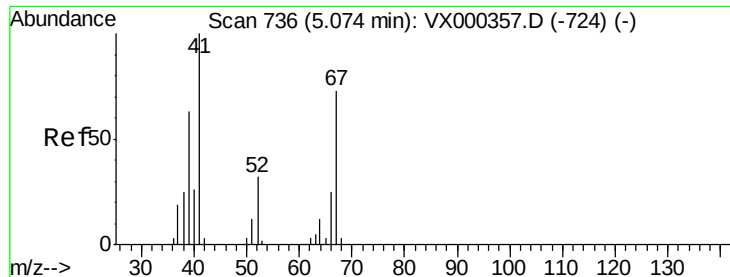
Tgt Ion: 83 Resp: 42961
Ion Ratio Lower Upper
83 100
55 67.0 55.5 83.3
98 48.4 38.2 57.4



#40
Benzene
Concen: 20.67 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 78 Resp: 105825
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

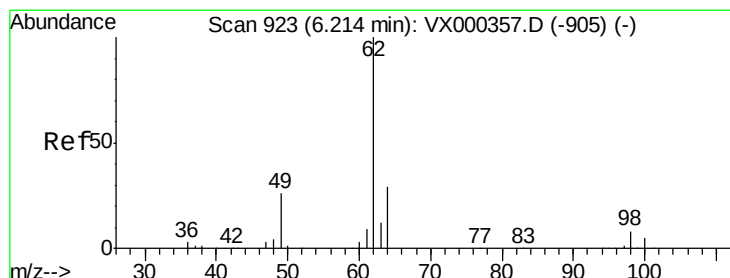
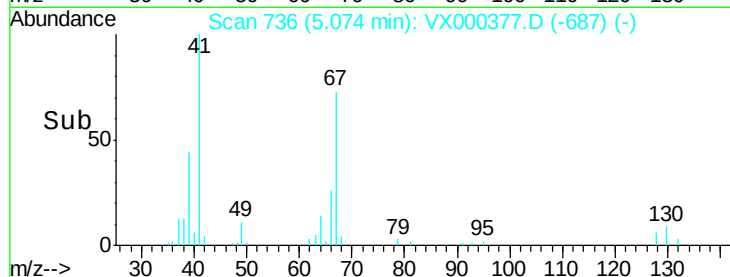
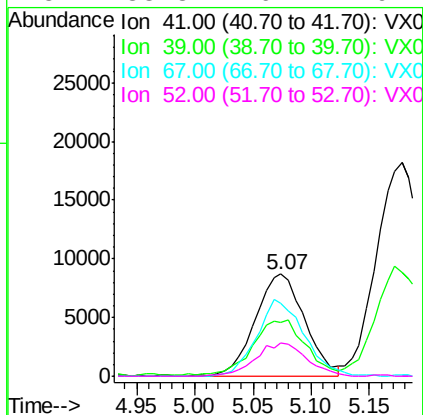
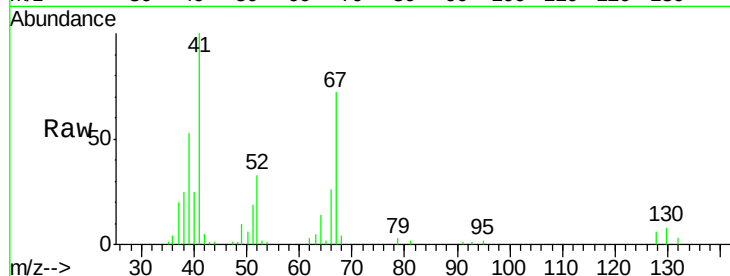




#41
Methacrylonitrile
Concen: 20.15 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

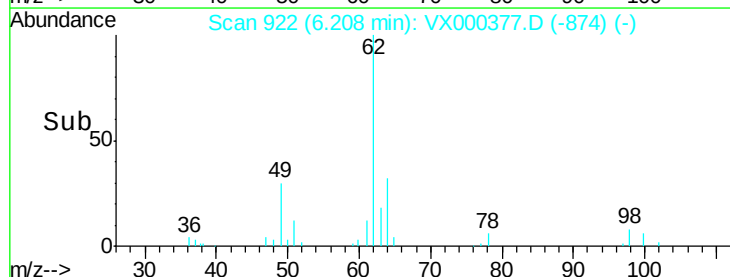
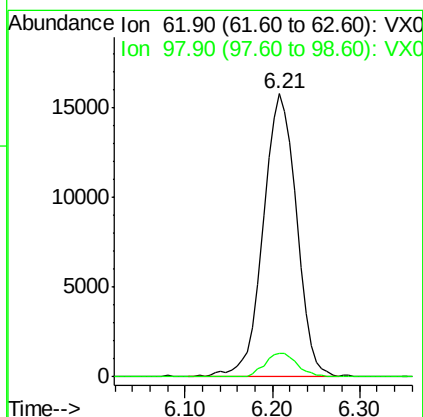
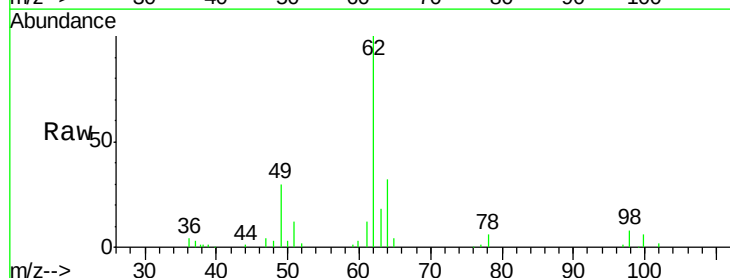
Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

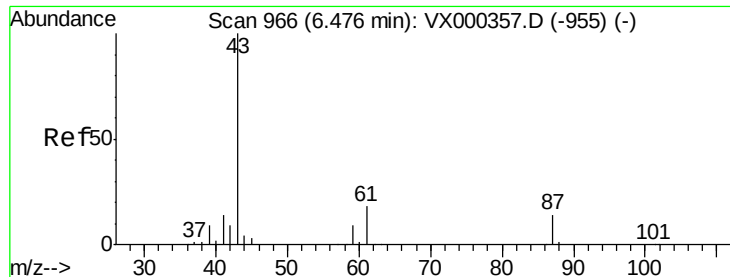
Tgt Ion:	41	Resp:	25582
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.7	68.5
67	72.5	57.8	86.8
52	33.8	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.94 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:	62	Resp:	42072
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

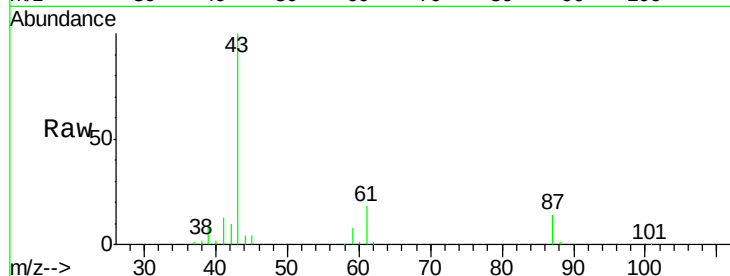
Tgt Ion: 43 Resp: 74307

Ion Ratio Lower Upper

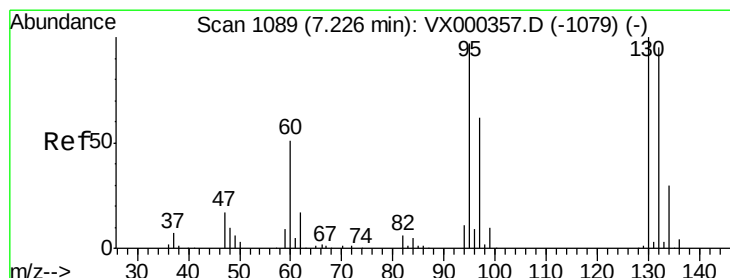
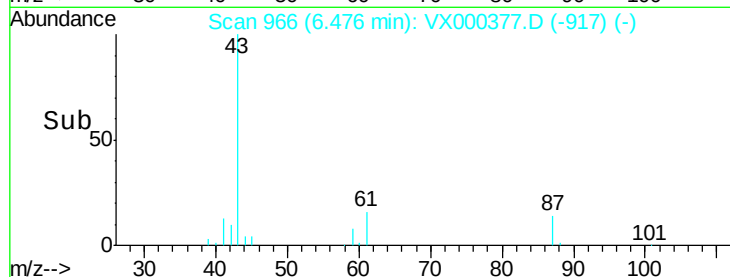
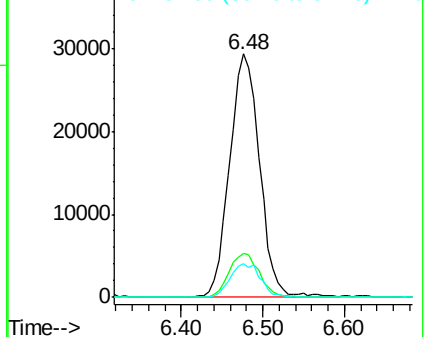
43 100

61 18.1 14.4 21.6

87 14.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.88 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX000377.D

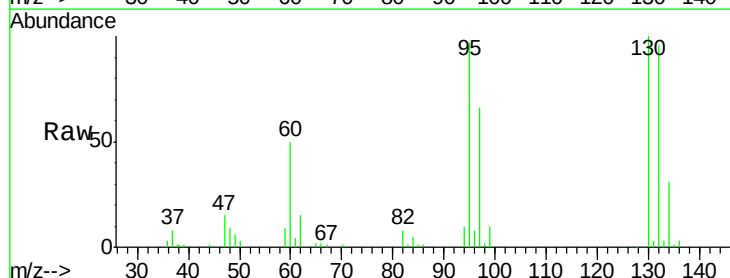
Acq: 21 Mar 2018 11:49

Tgt Ion: 130 Resp: 29158

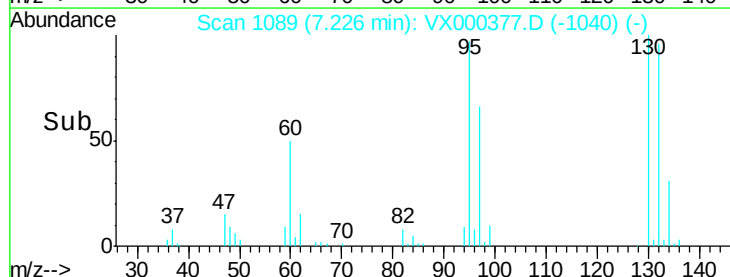
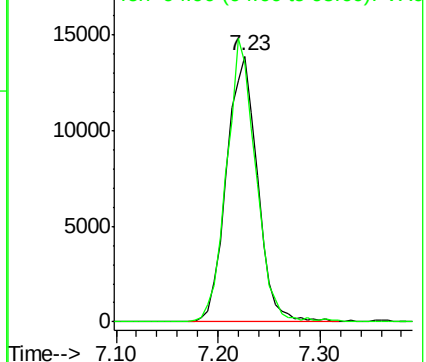
Ion Ratio Lower Upper

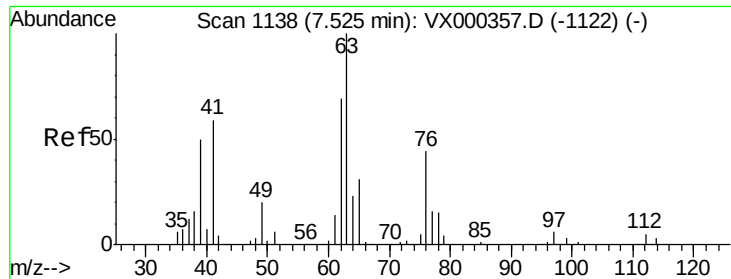
130 100

95 97.5 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

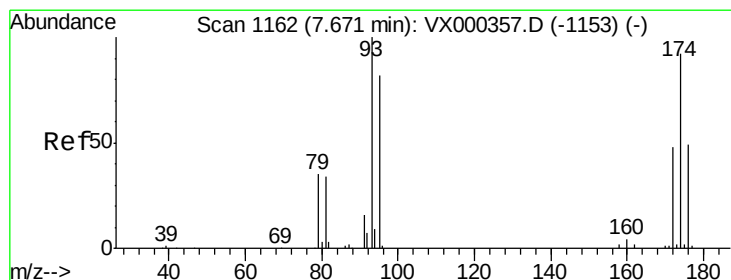
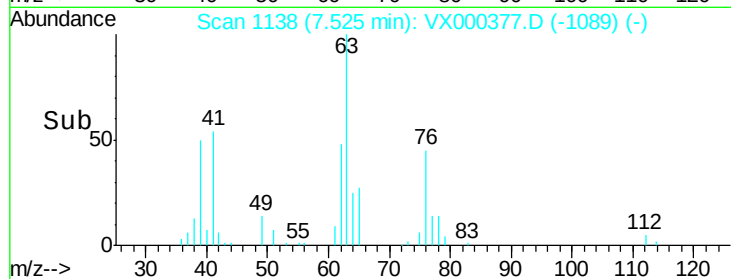
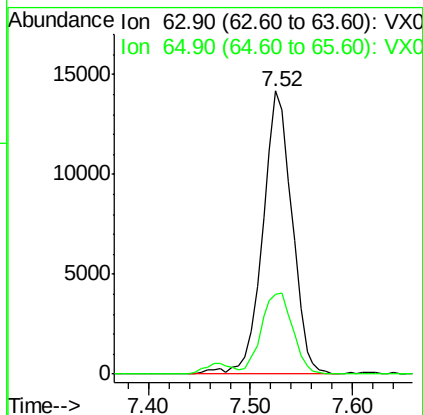
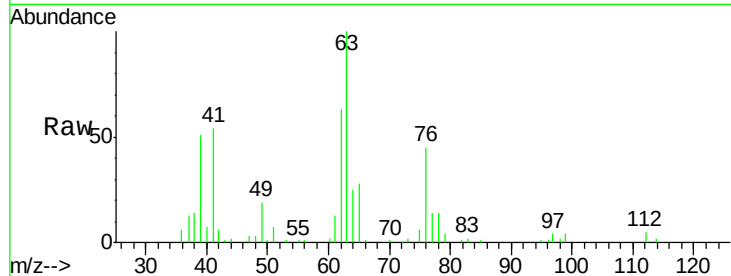




#45
 1,2-Dichloropropane
 Concen: 21.52 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

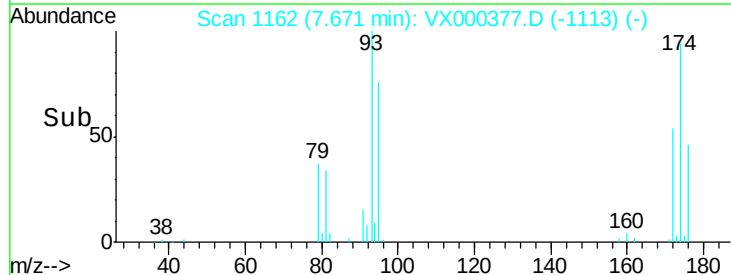
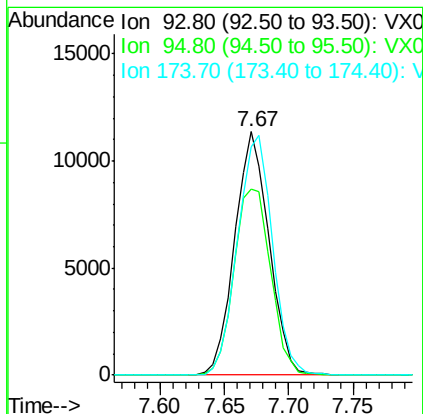
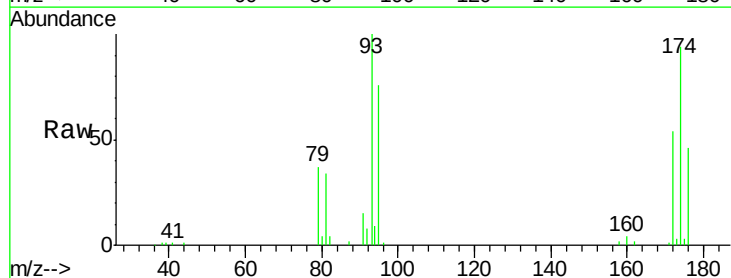
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

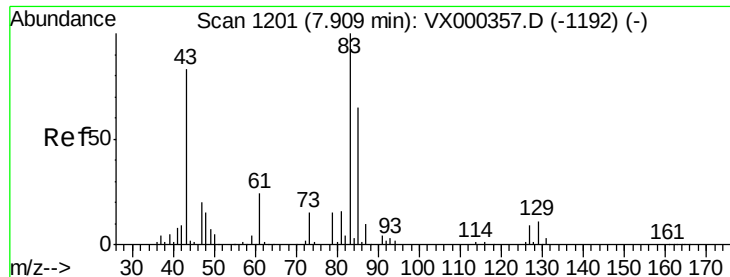
Tgt Ion: 63 Resp: 28203
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 36.8



#46
 Dibromomethane
 Concen: 20.43 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 93 Resp: 21010
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 100.0 76.0 114.0





#47

Bromodichloromethane

Concen: 21.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

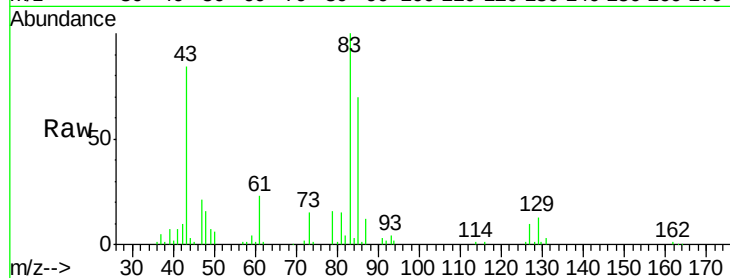
Tgt Ion: 83 Resp: 39161

Ion Ratio Lower Upper

83 100

85 69.9 51.4 77.0

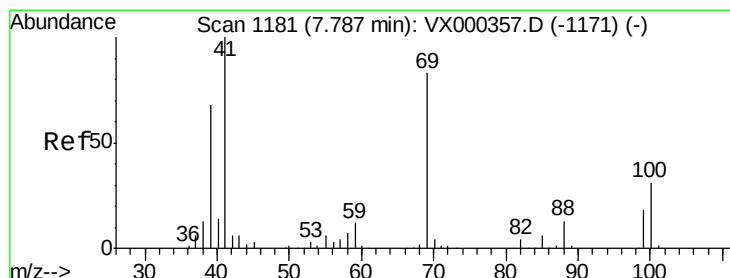
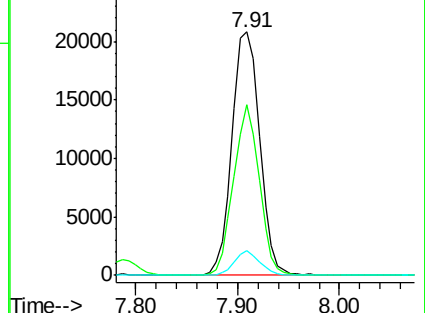
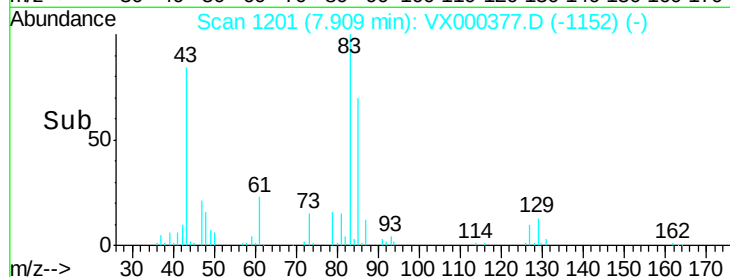
127 10.0 7.0 10.6



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: 21.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

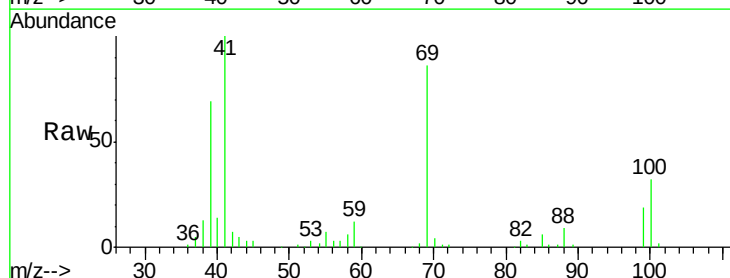
Tgt Ion: 41 Resp: 36982

Ion Ratio Lower Upper

41 100

69 83.2 68.2 102.4

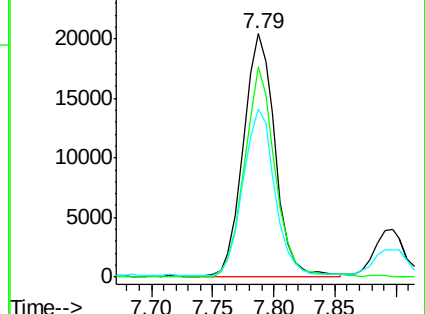
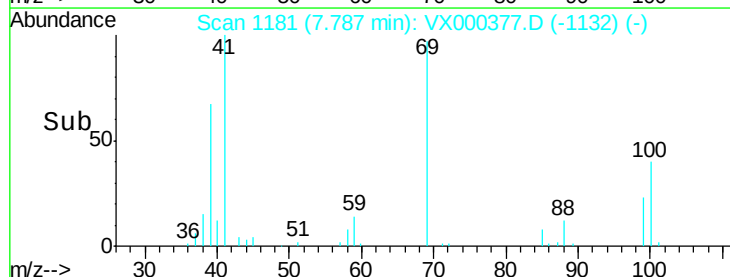
39 68.5 54.6 81.8

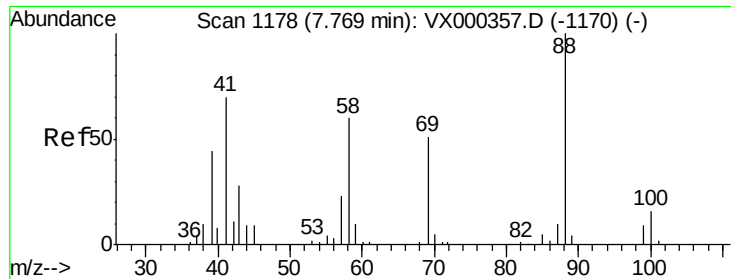


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

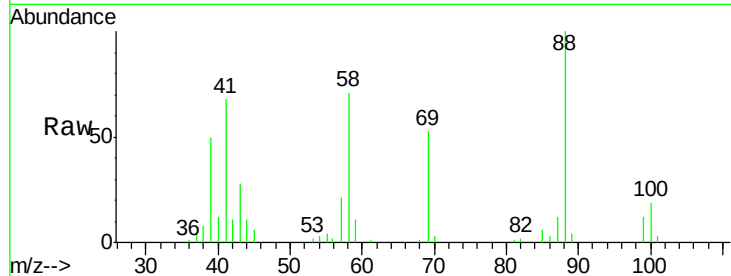




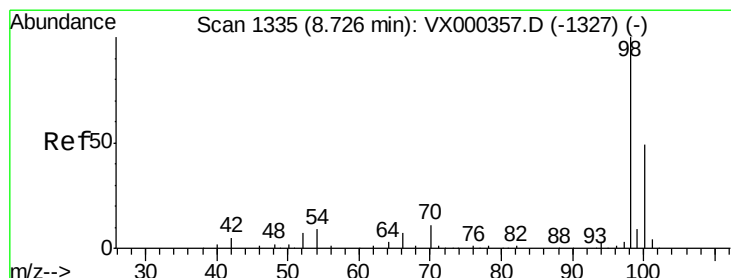
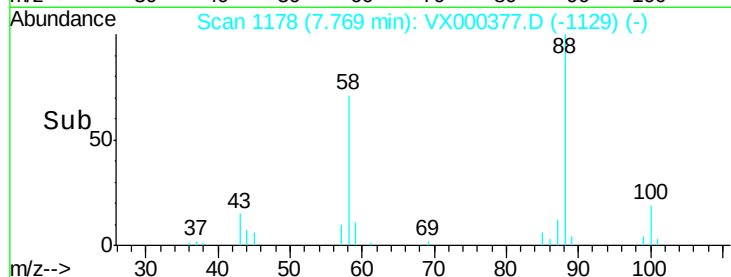
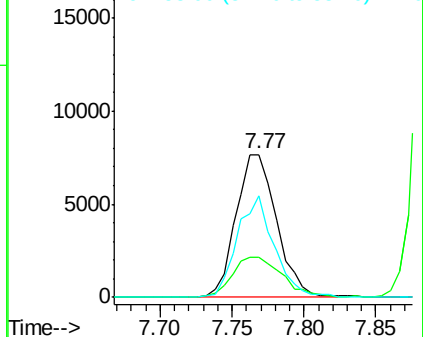
#49
 1,4-Dioxane
 Concen: 411.46 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tgt Ion: 88 Resp: 15051
 Ion Ratio Lower Upper
 88 100
 43 34.2 26.8 40.2
 58 64.7 52.2 78.2

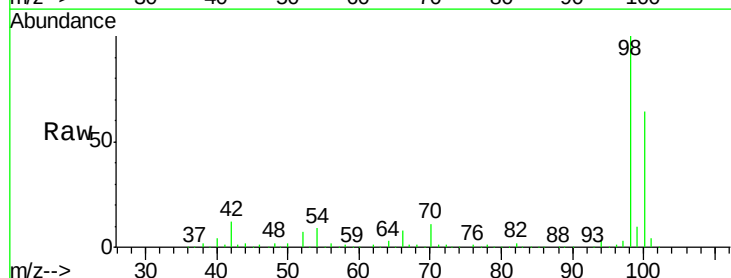


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

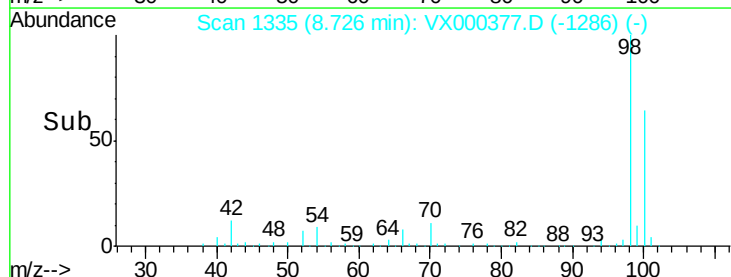
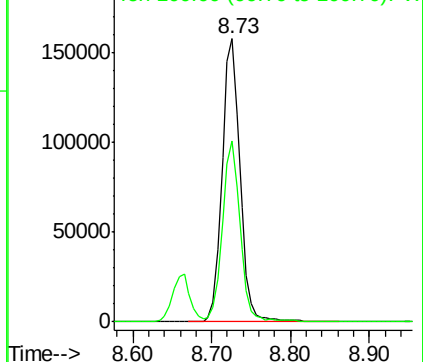


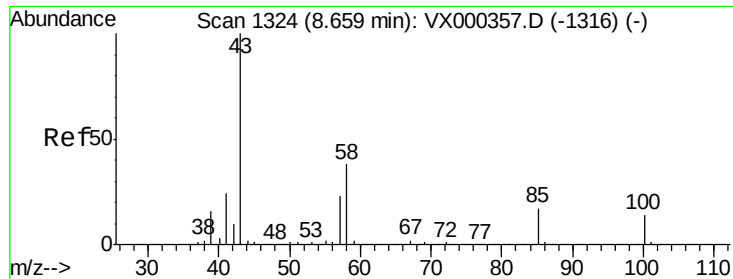
#50
 Toluene-d8
 Concen: 51.06 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 98 Resp: 250748
 Ion Ratio Lower Upper
 98 100
 100 61.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.71 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

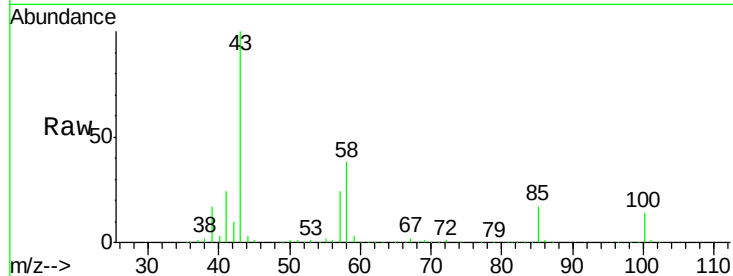
VX0321WBS02

Tgt Ion: 43 Resp: 290537

Ion Ratio Lower Upper

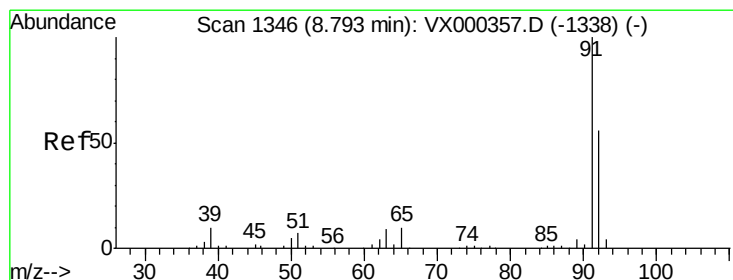
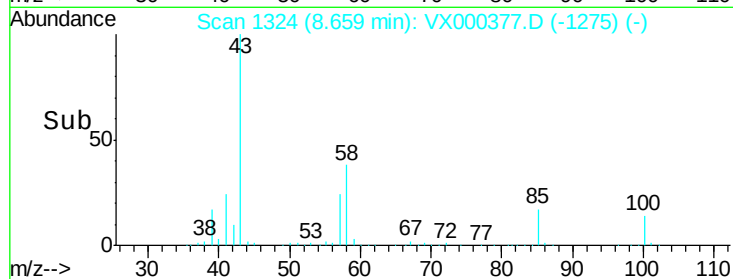
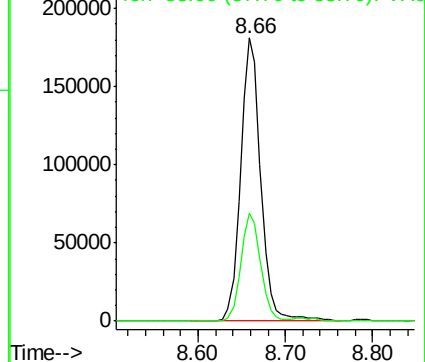
43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000377.D

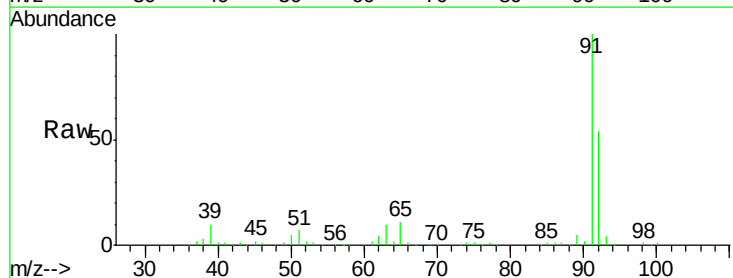
Acq: 21 Mar 2018 11:49

Tgt Ion: 92 Resp: 71300

Ion Ratio Lower Upper

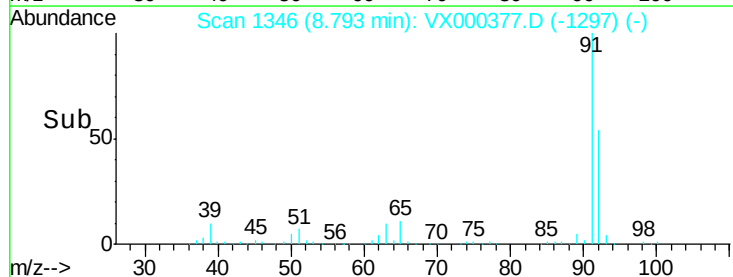
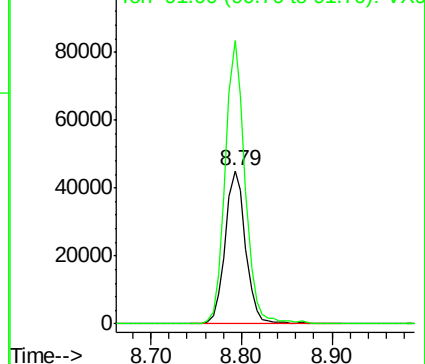
92 100

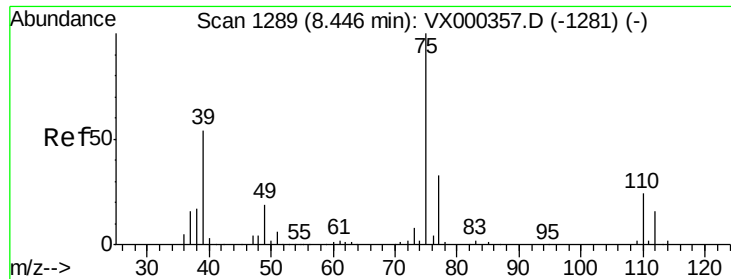
91 179.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.94 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

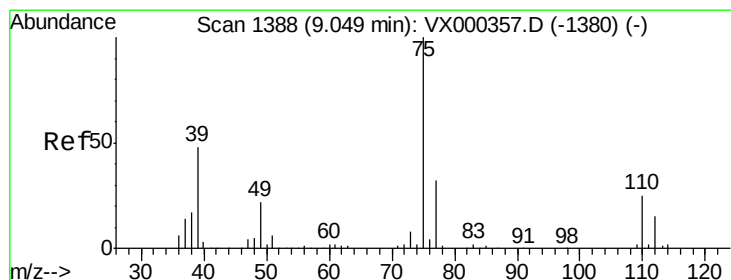
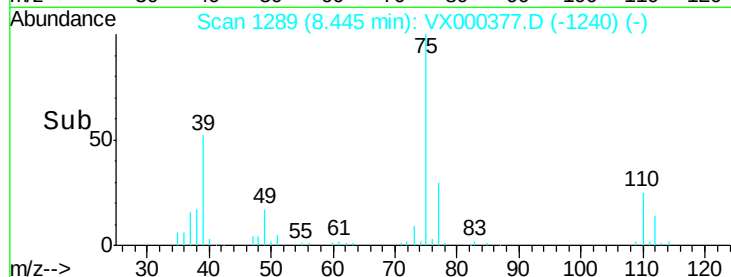
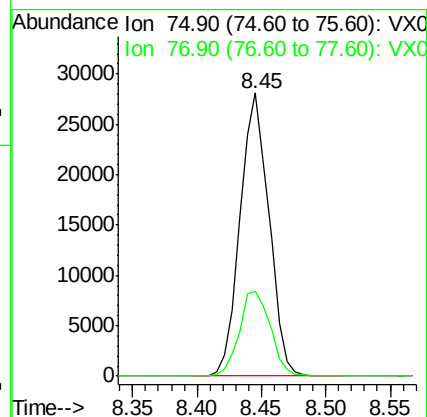
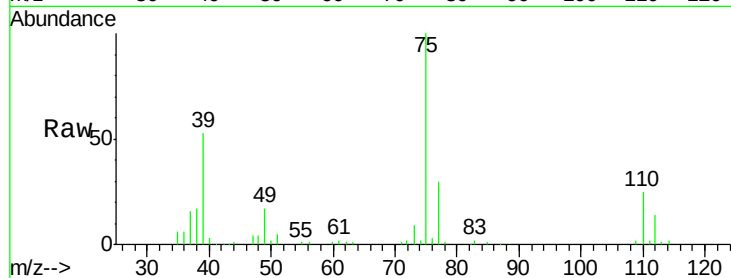
VX0321WBS02

Tgt Ion: 75 Resp: 43909

Ion Ratio Lower Upper

75 100

77 30.2 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 20.52 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

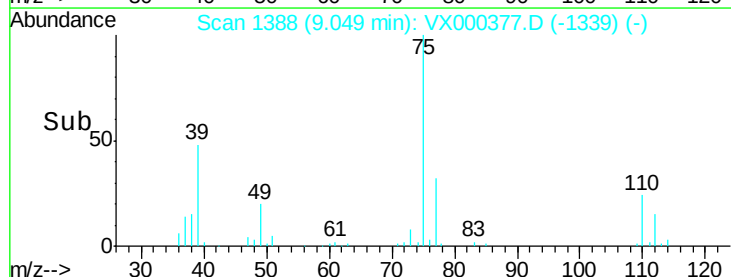
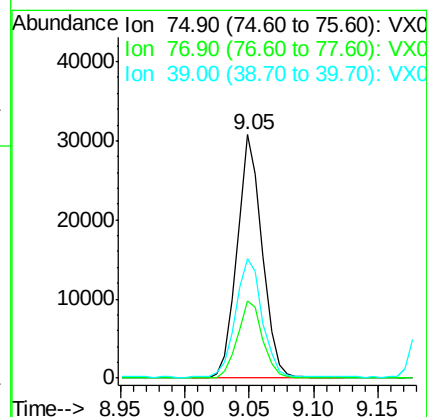
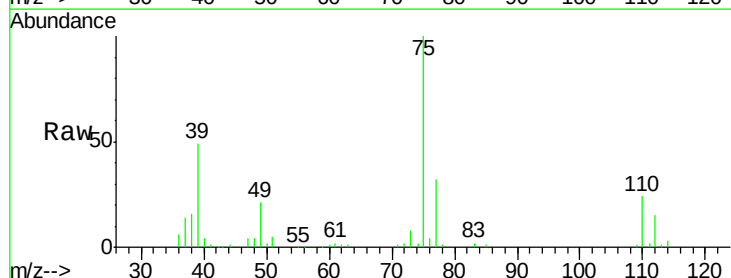
Tgt Ion: 75 Resp: 41737

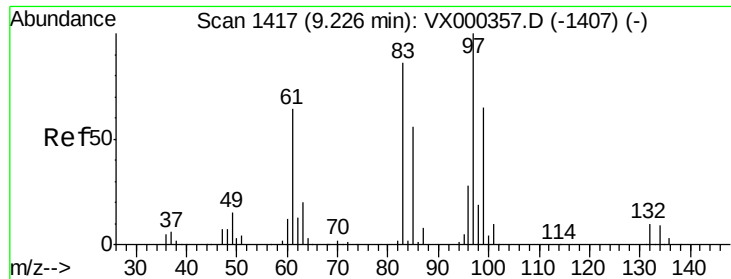
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

39 48.5 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.62 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tgt Ion: 97 Resp: 30345

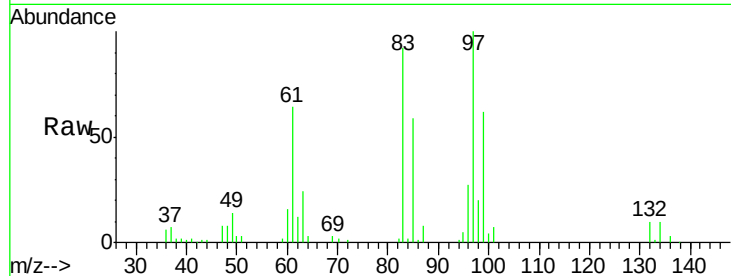
Ion Ratio Lower Upper

97 100

83 92.5 67.9 101.9

85 58.7 42.8 64.2

99 62.4 49.4 74.2

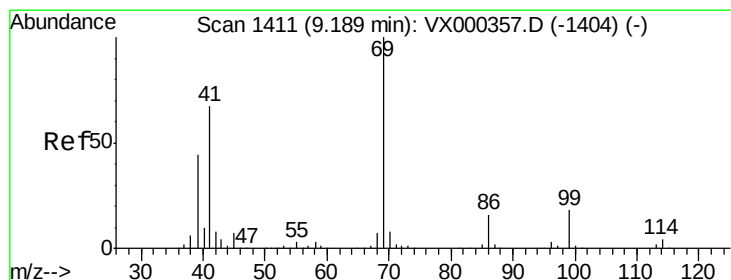
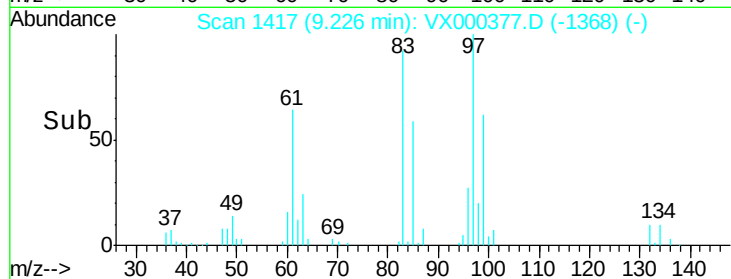
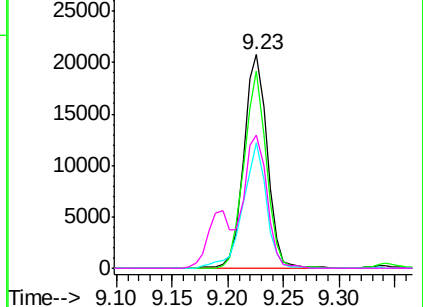


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.26 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

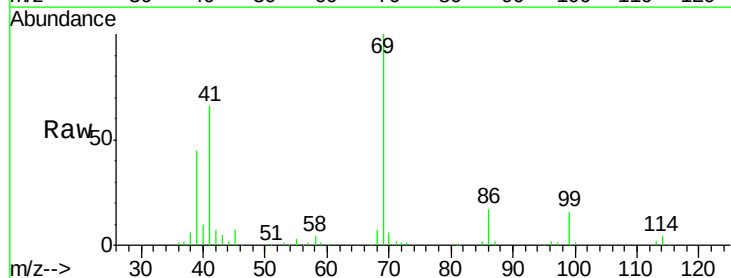
Tgt Ion: 69 Resp: 45175

Ion Ratio Lower Upper

69 100

41 66.6 53.0 79.6

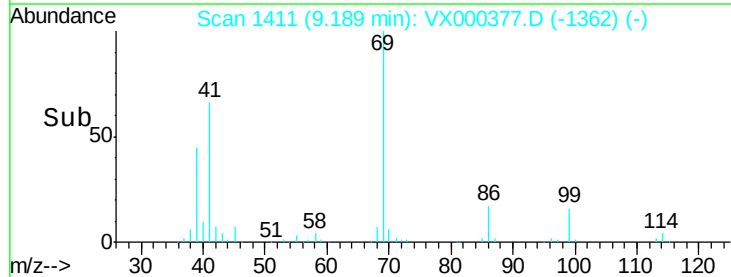
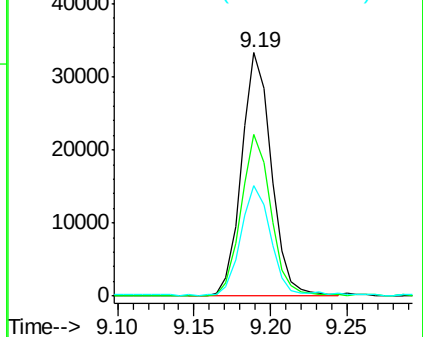
39 45.6 35.3 52.9

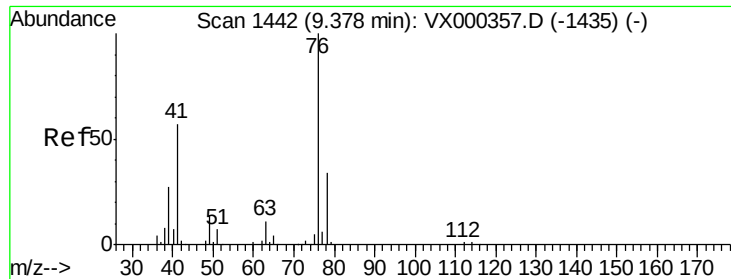


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

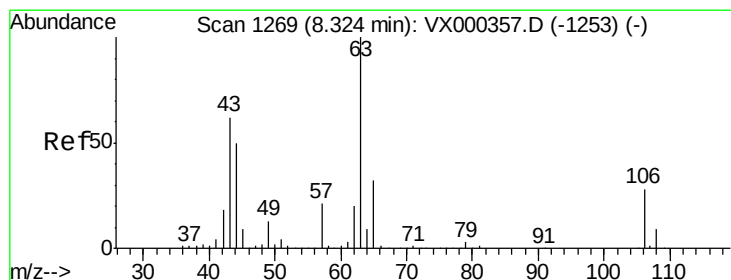
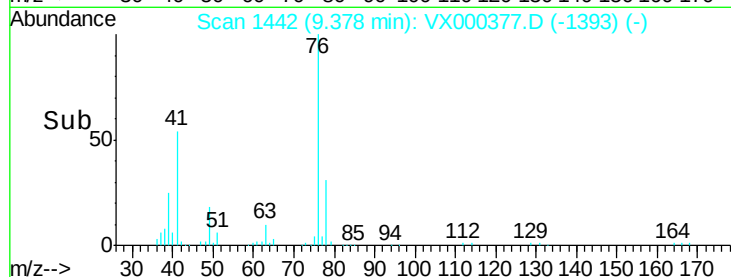
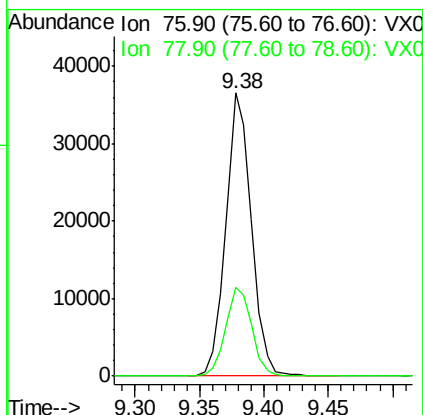
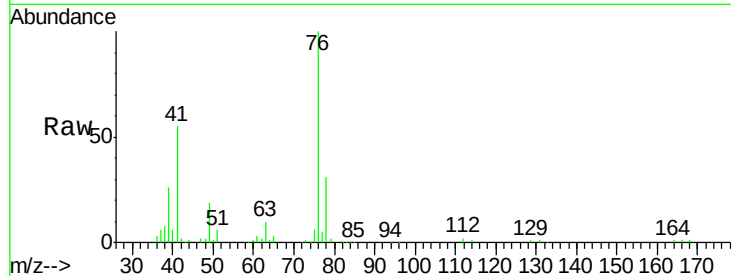




#57
 1,3-Dichloropropane
 Concen: 21.69 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

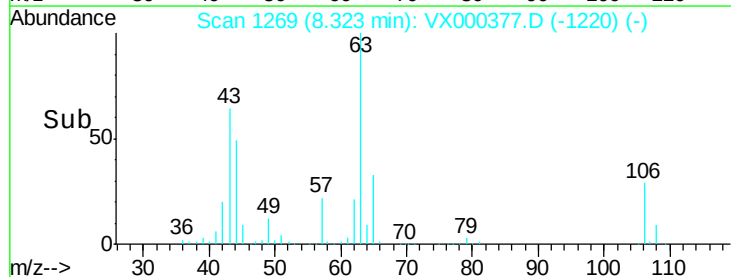
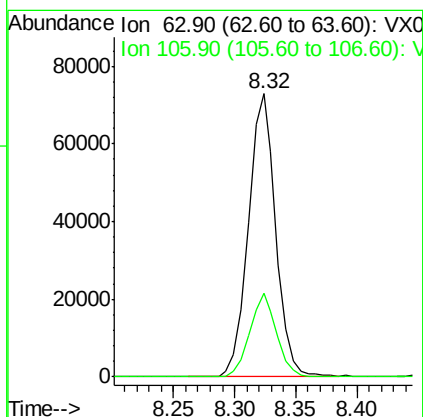
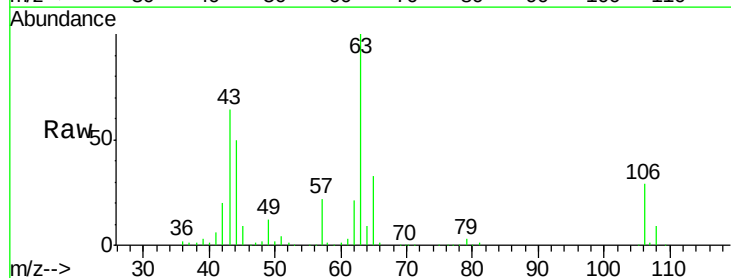
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

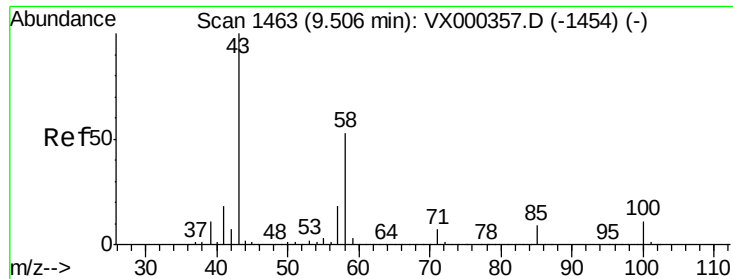
Tgt Ion: 76 Resp: 51050
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.95 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 63 Resp: 113406
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8

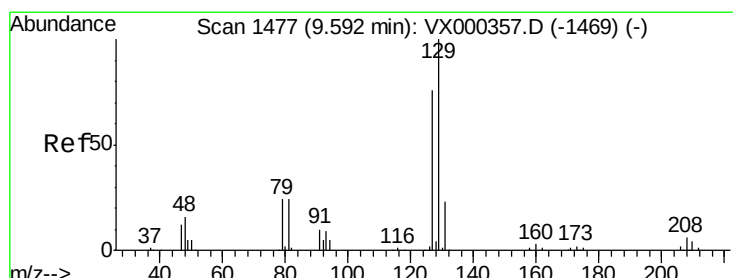
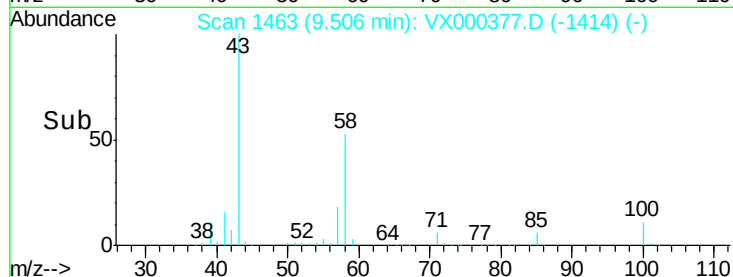
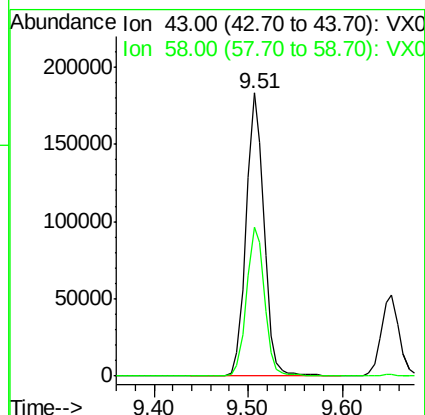
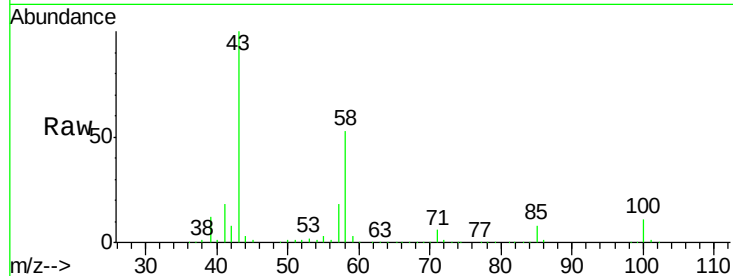




#59
2-Hexanone
Concen: 102.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

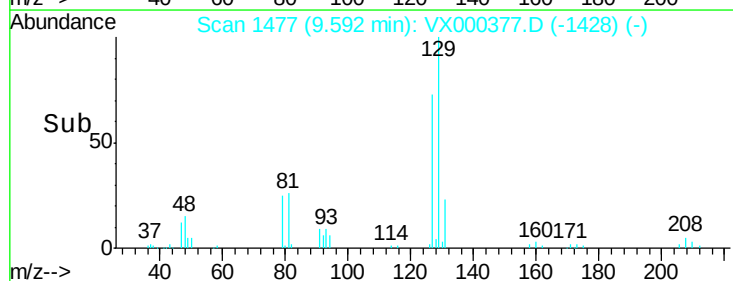
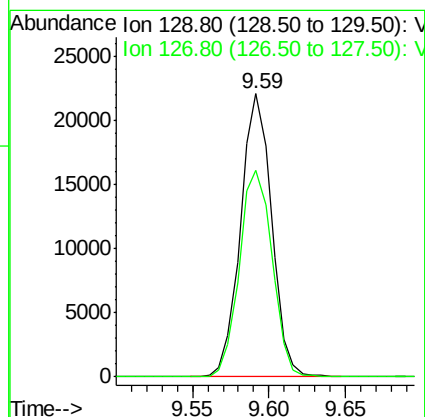
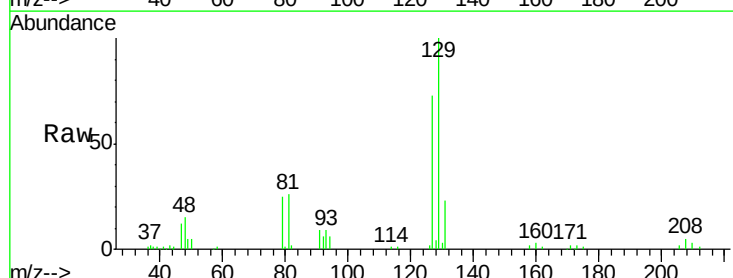
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

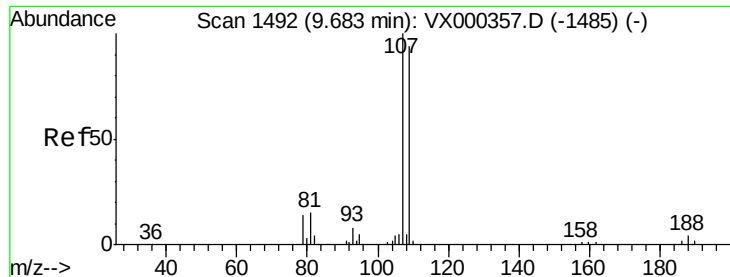
Tgt Ion: 43 Resp: 242363
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 129 Resp: 31168
Ion Ratio Lower Upper
129 100
127 76.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.44 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

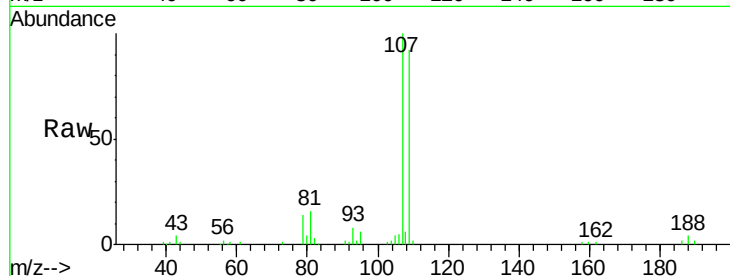
VX0321WBS02

Tgt Ion: 107 Resp: 32263

Ion Ratio Lower Upper

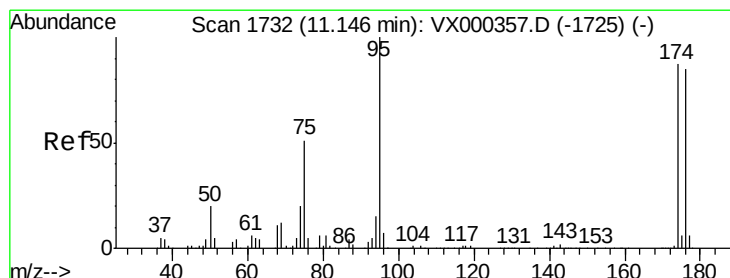
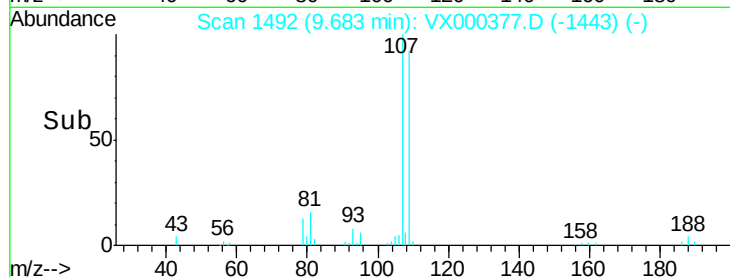
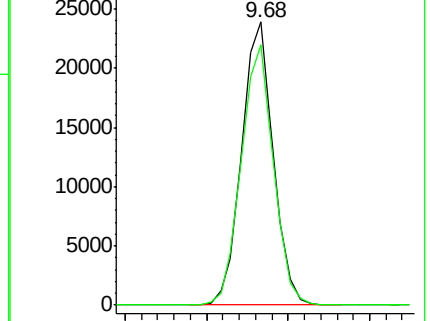
107 100

109 93.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

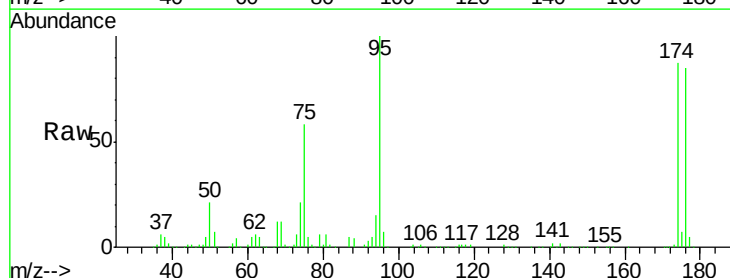
Tgt Ion: 95 Resp: 90361

Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.6

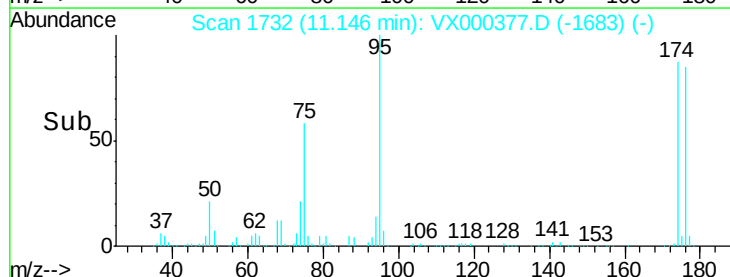
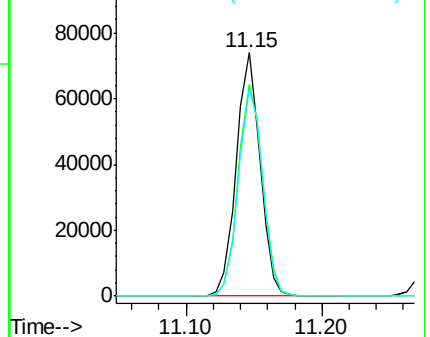
176 87.2 0.0 164.6

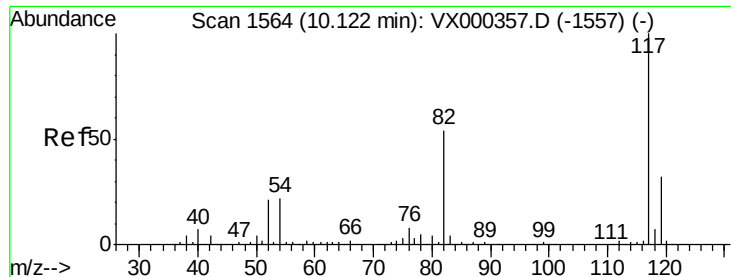


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

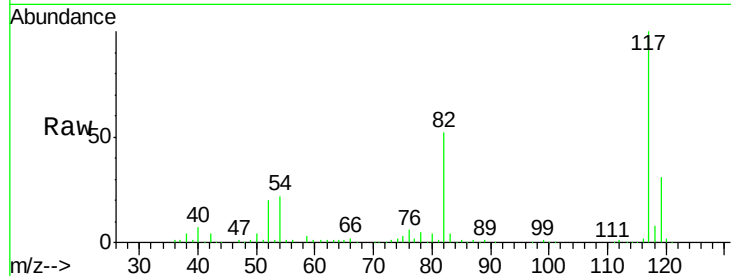




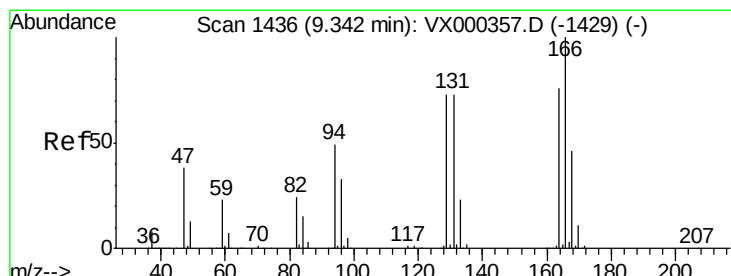
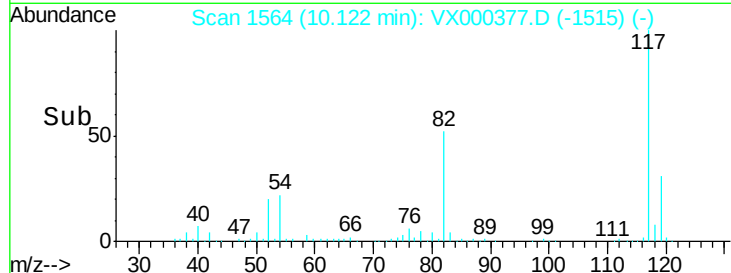
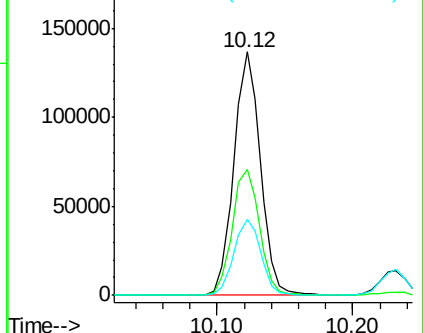
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tgt Ion:117 Resp: 185505
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 31.1 24.9 37.3

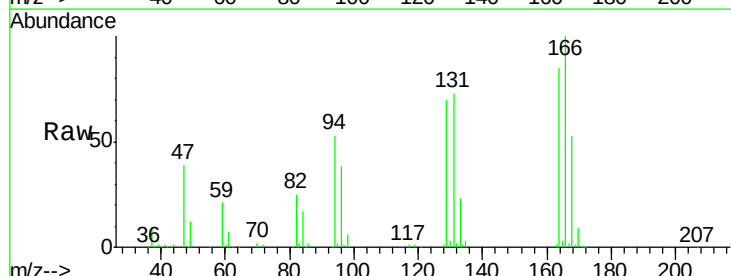


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

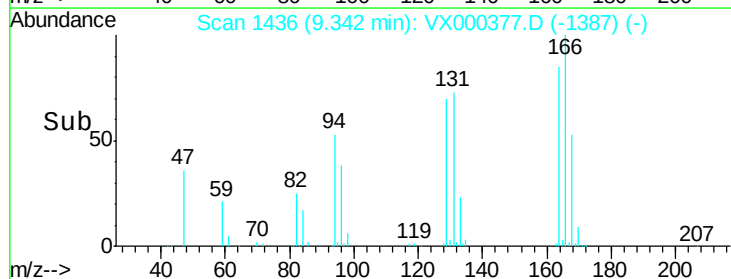
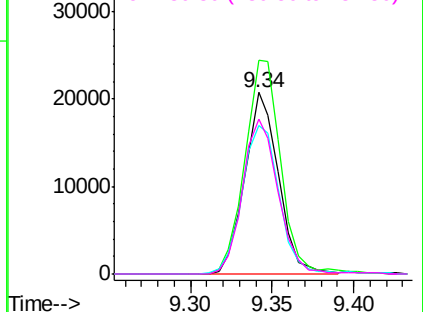


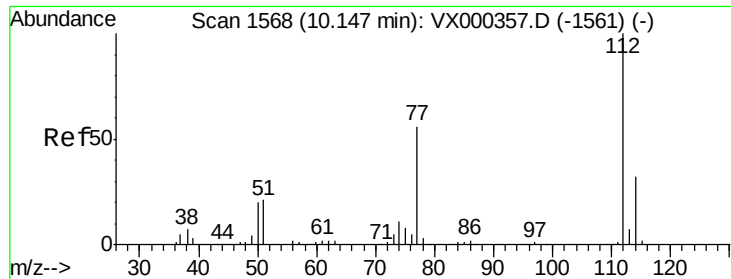
#64
Tetrachloroethene
Concen: 20.72 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:164 Resp: 29830
Ion Ratio Lower Upper
164 100
166 117.6 101.0 151.6
129 82.1 79.0 118.4
131 85.4 71.9 107.9



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

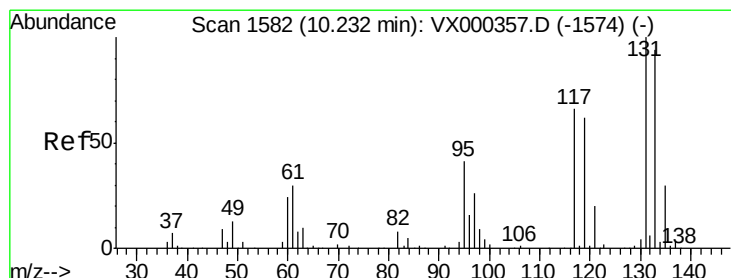
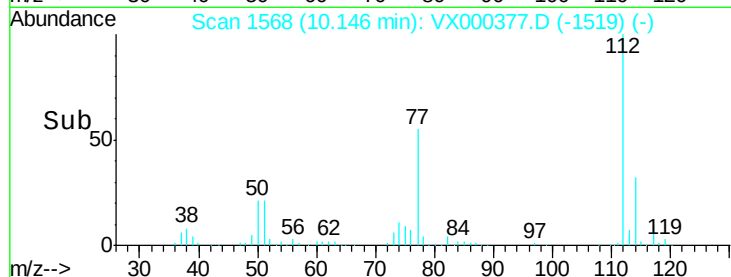
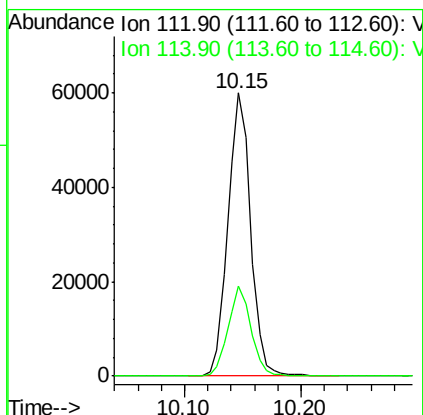
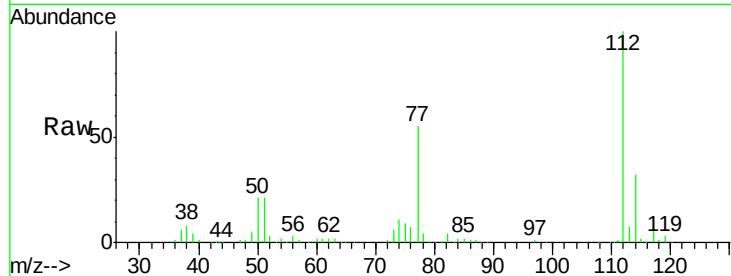




#65
Chlorobenzene
Concen: 19.71 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

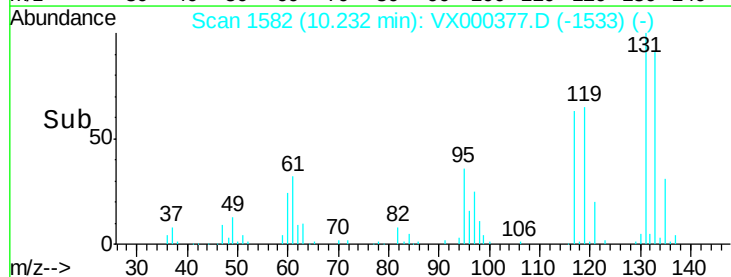
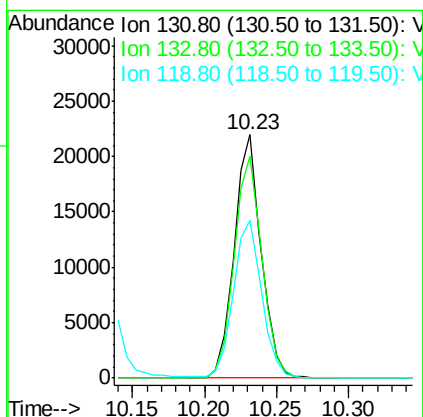
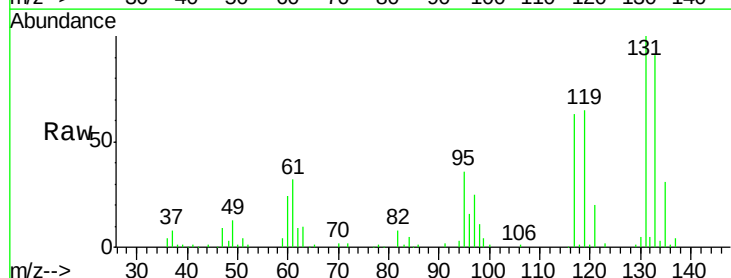
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

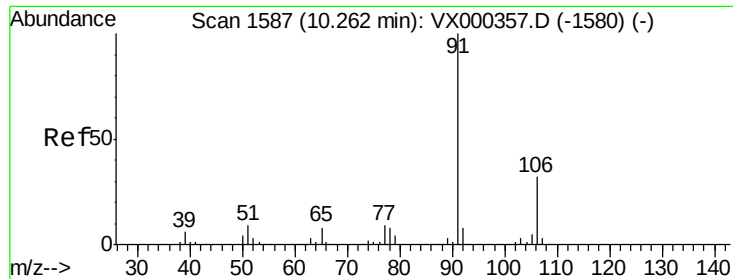
Tgt Ion:112 Resp: 81388
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:131 Resp: 28719
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 68.5 33.1 99.2

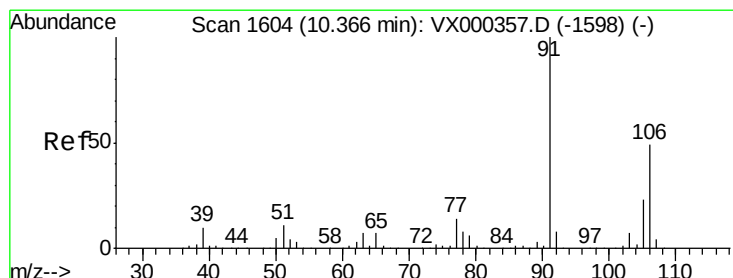
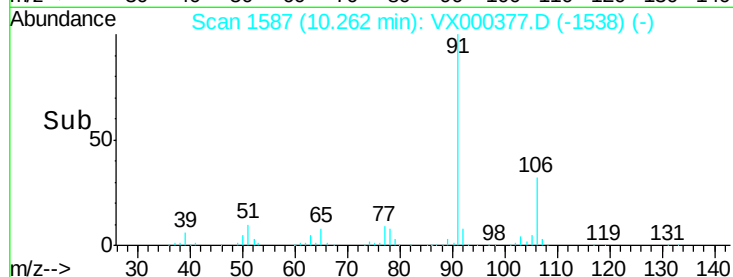
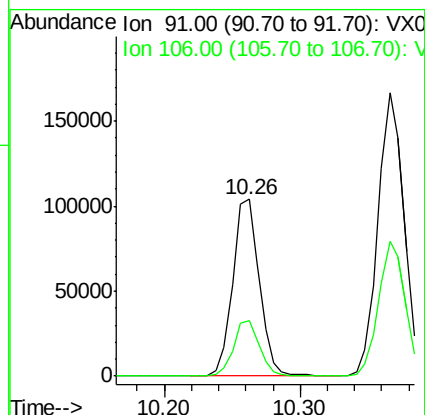
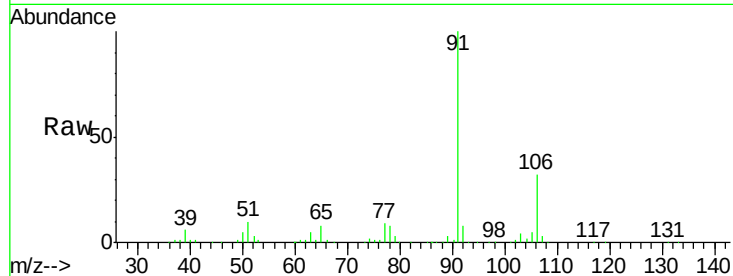




#67
Ethyl Benzene
Concen: 20.33 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

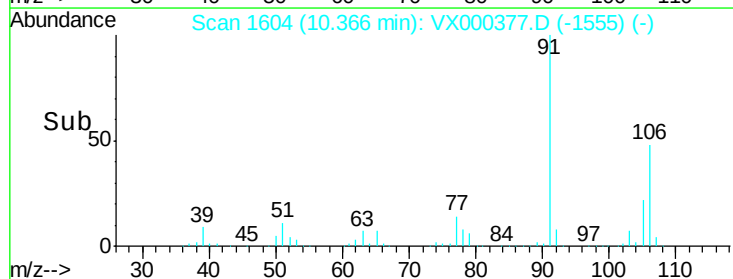
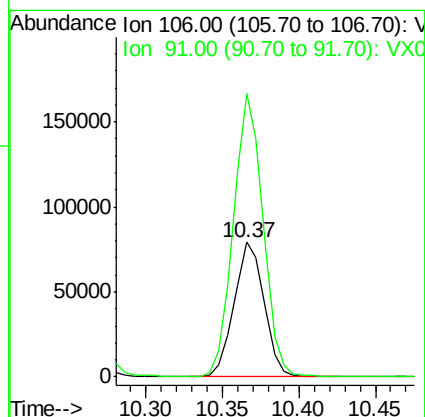
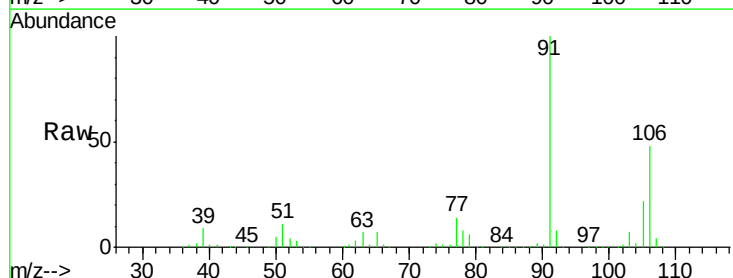
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

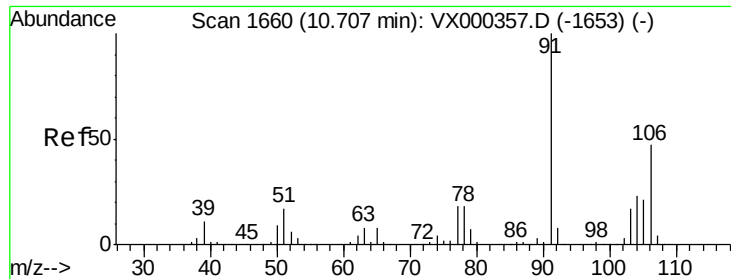
Tgt Ion: 91 Resp: 142245
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 39.04 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 106 Resp: 107501
Ion Ratio Lower Upper
106 100
91 207.9 163.4 245.2

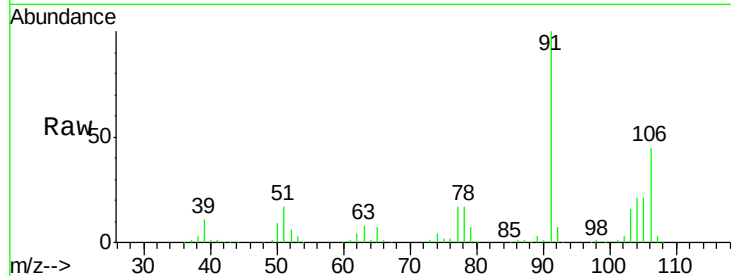




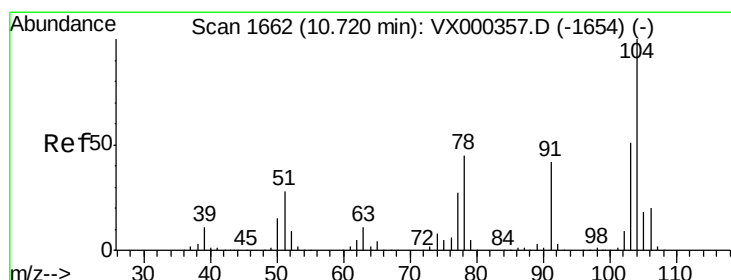
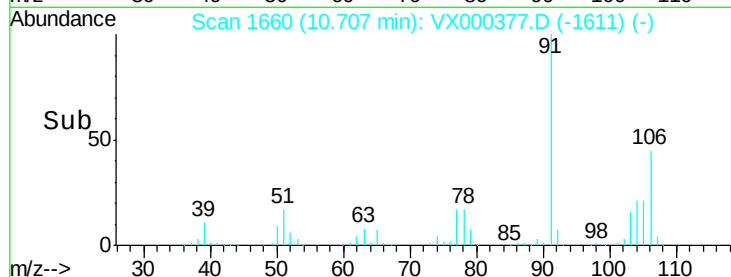
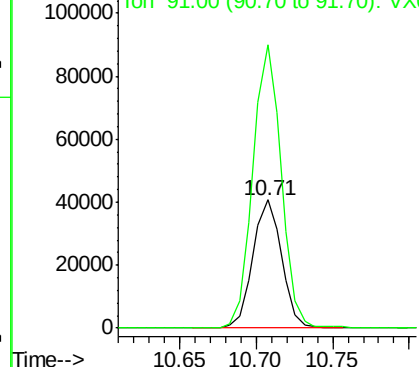
#69
o-Xylene
Concen: 20.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tgt Ion:106 Resp: 53466
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.6

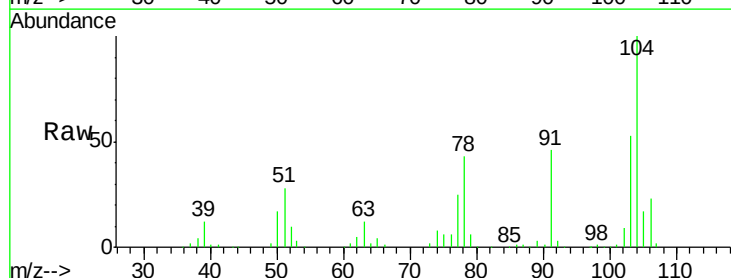


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

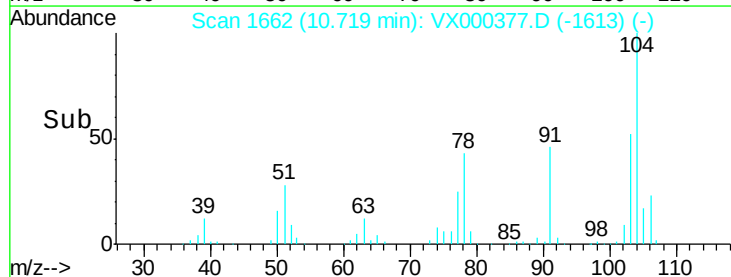
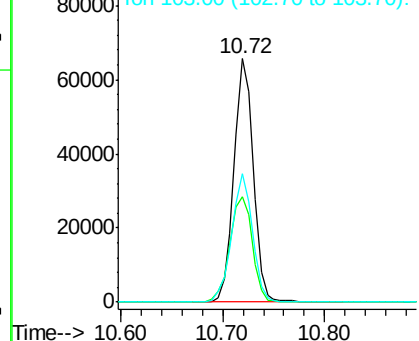


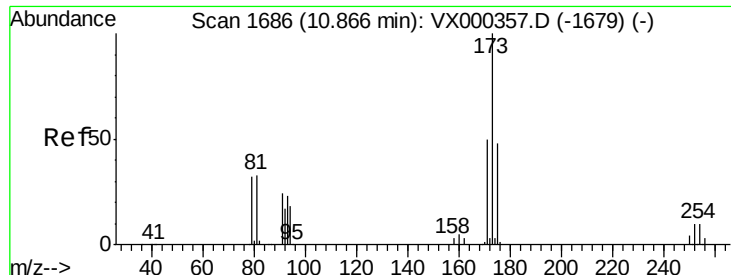
#70
Styrene
Concen: 19.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:104 Resp: 86036
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 56.3 45.7 68.5



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: 19.35 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

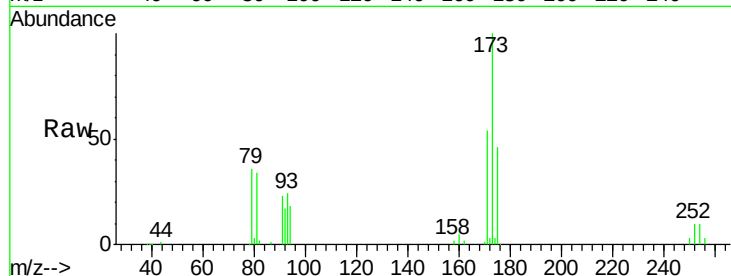
Tgt Ion:173 Resp: 23541

Ion Ratio Lower Upper

173 100

175 46.8 25.4 76.4

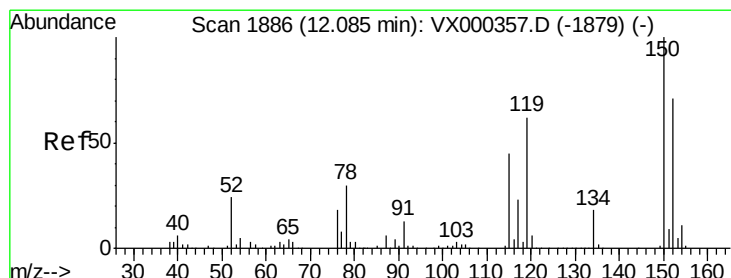
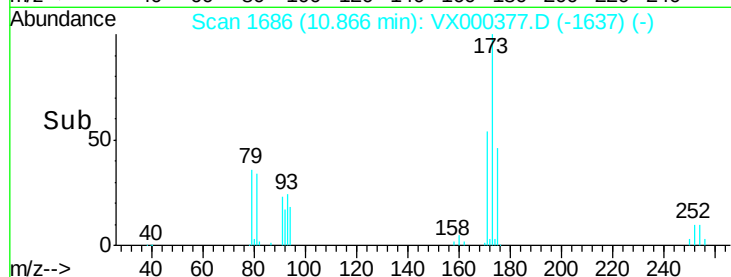
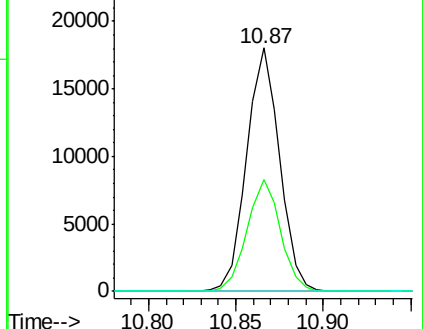
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

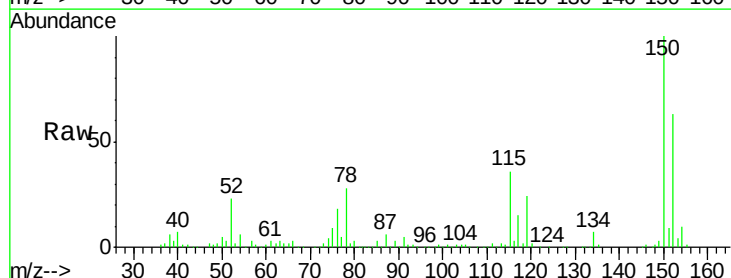
Tgt Ion:152 Resp: 99567

Ion Ratio Lower Upper

152 100

115 67.0 39.8 119.3

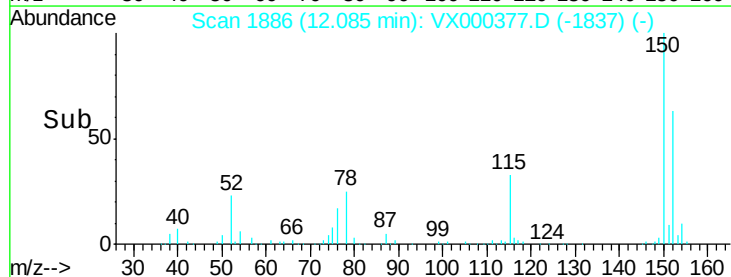
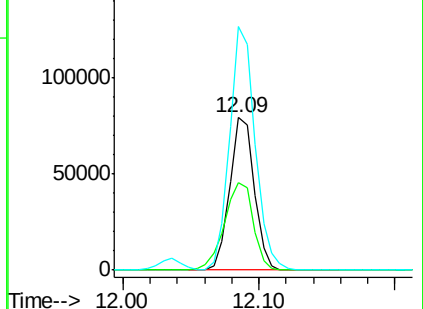
150 165.9 0.0 344.4

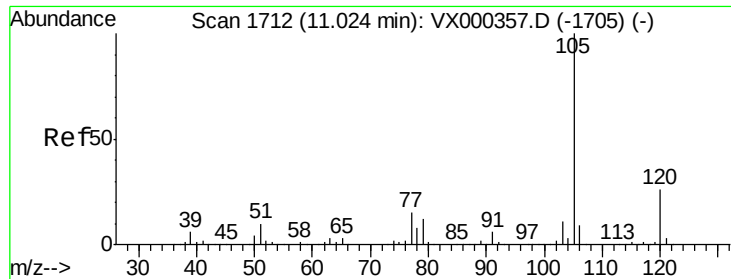


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

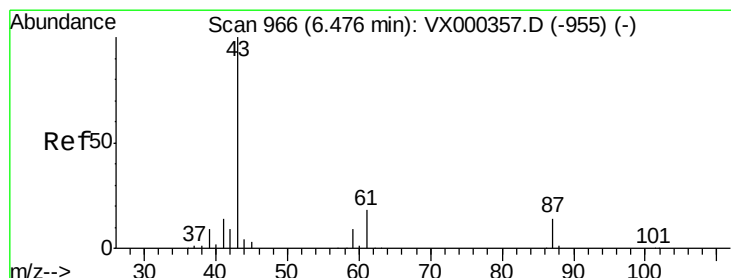
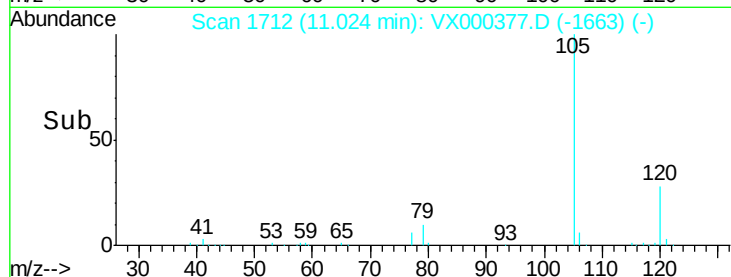
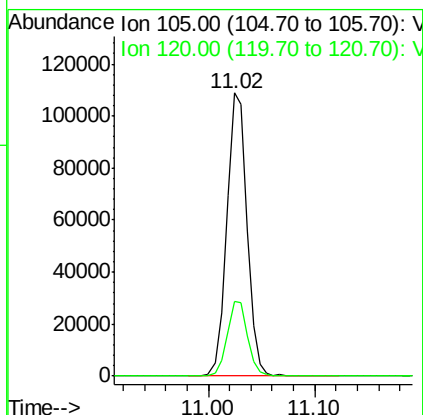
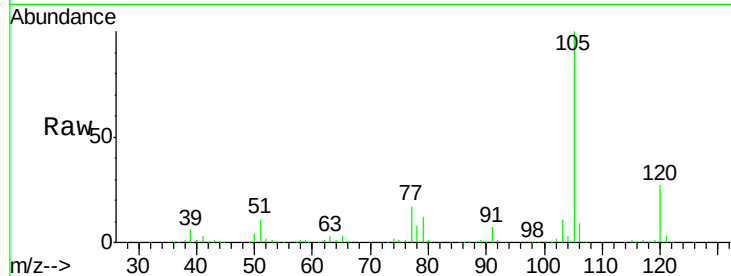




#73
Isopropylbenzene
Concen: 22.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

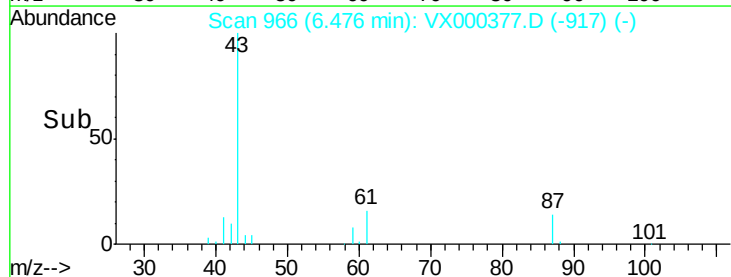
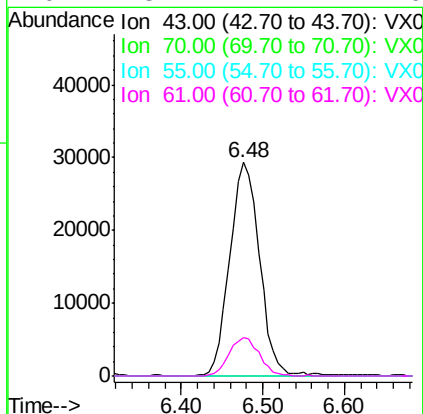
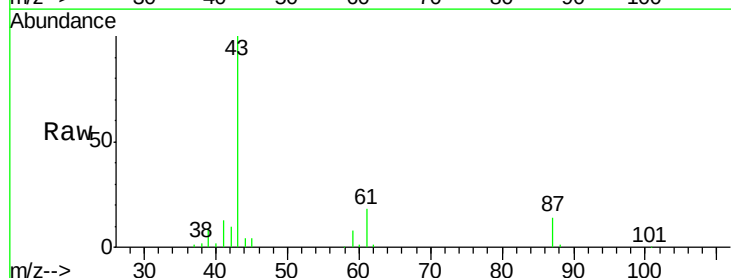
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

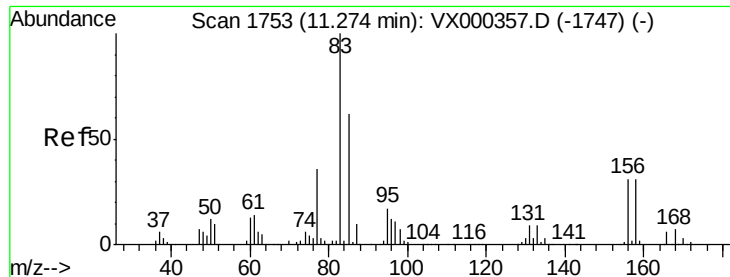
Tgt Ion: 105 Resp: 145150
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7



#74
N-ethyl acetate
Concen: 24.14 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 43 Resp: 74307
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 18.1 14.4 21.6

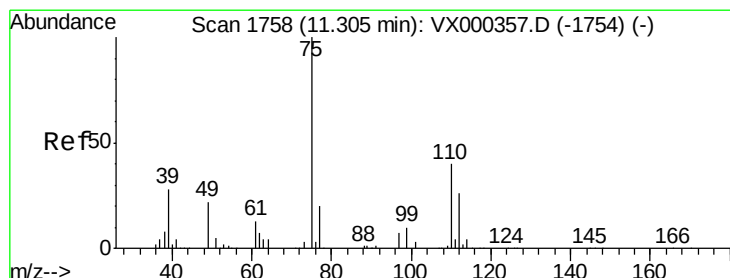
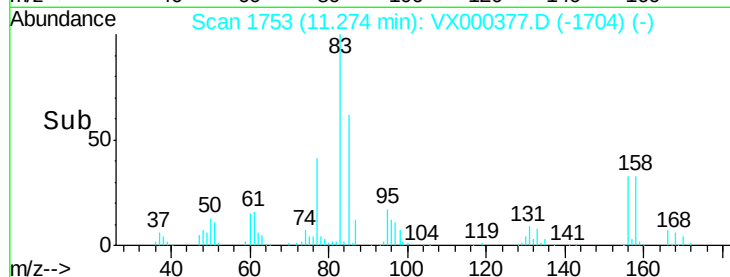
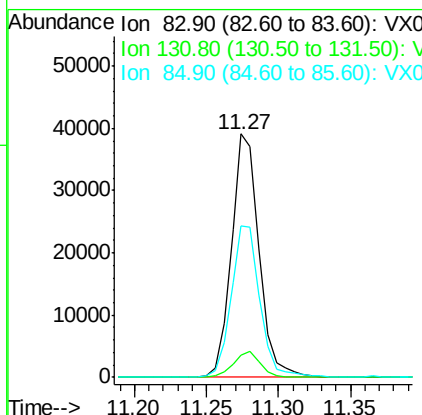
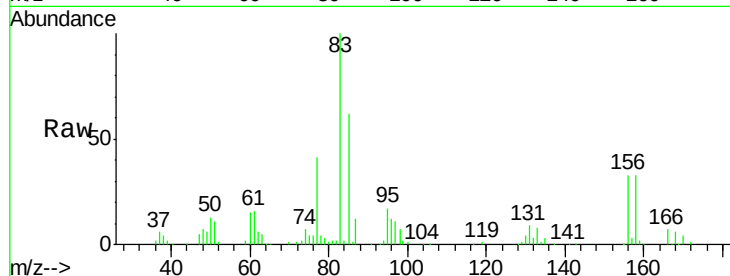




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.49 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

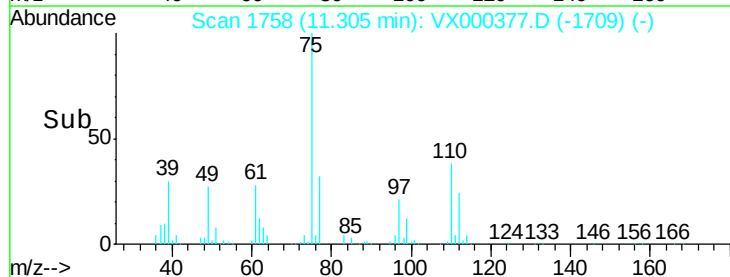
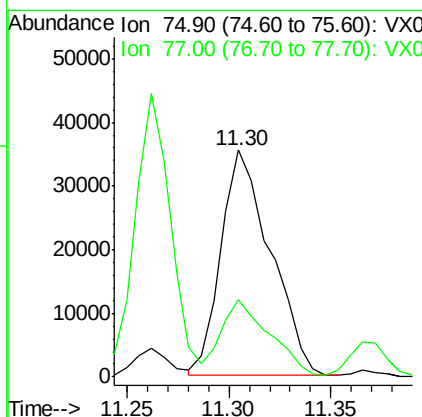
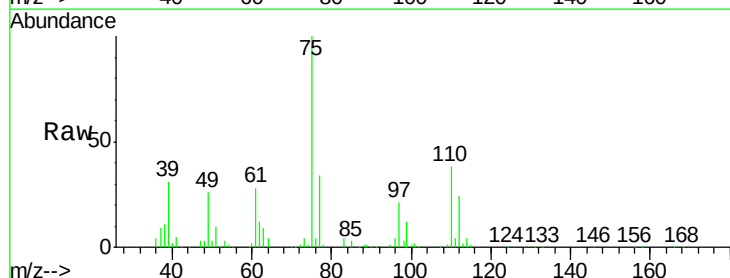
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

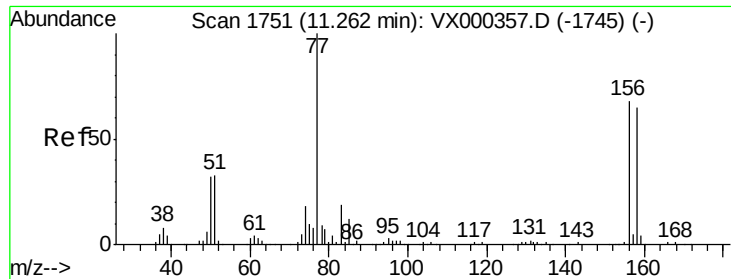
Tgt Ion: 83 Resp: 52467
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 64.7 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 27.86 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 75 Resp: 59608
 Ion Ratio Lower Upper
 75 100
 77 33.9 21.4 64.2





#77

Bromobenzene

Concen: 19.99 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

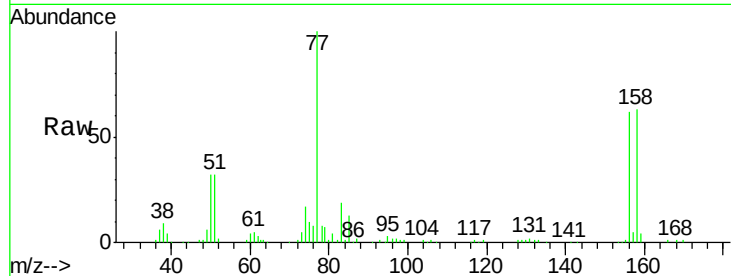
Tgt Ion:156 Resp: 35136

Ion Ratio Lower Upper

156 100

77 154.0 73.4 220.2

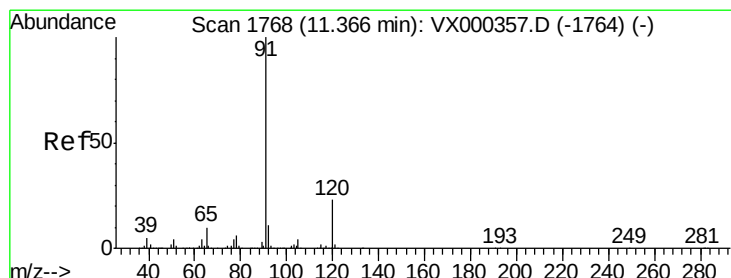
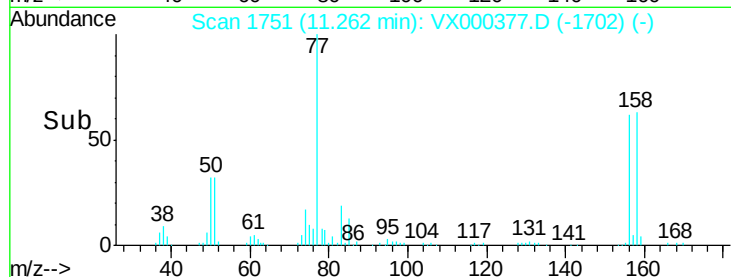
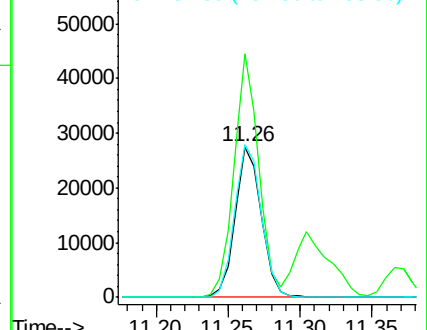
158 103.5 48.5 145.6



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: 21.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000377.D

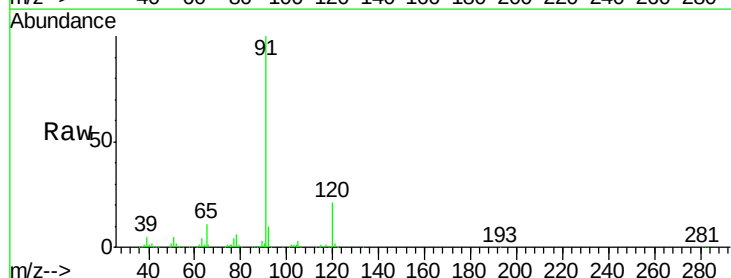
Acq: 21 Mar 2018 11:49

Tgt Ion: 91 Resp: 166611

Ion Ratio Lower Upper

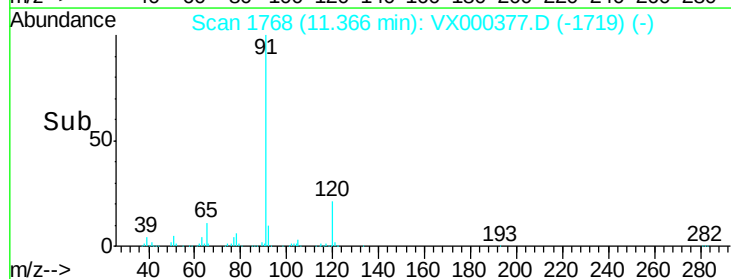
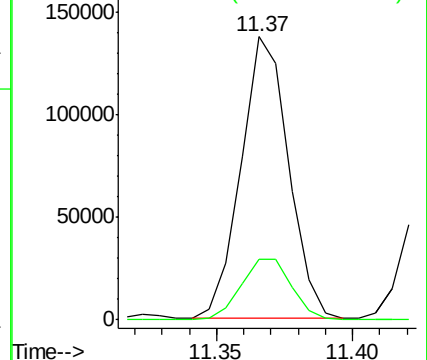
91 100

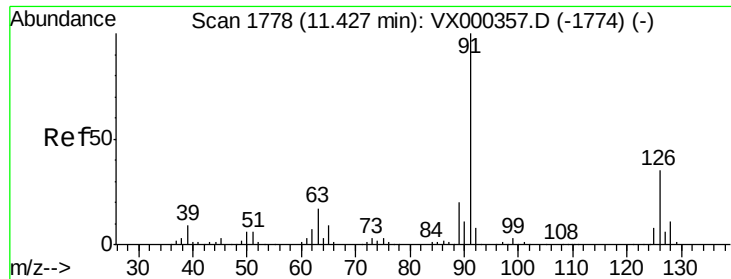
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.01 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

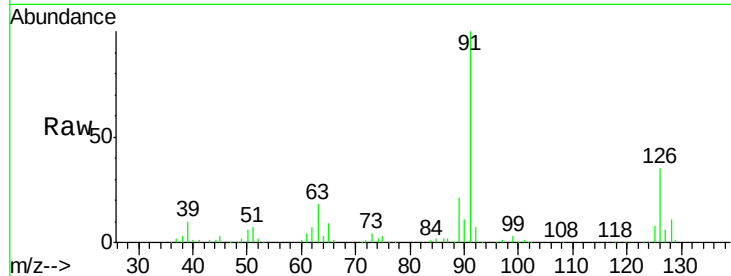
VX0321WBS02

Tgt Ion: 91 Resp: 95484

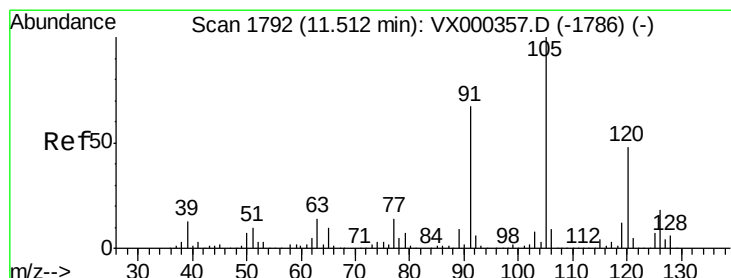
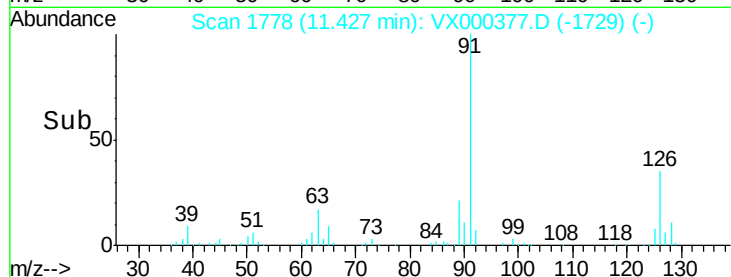
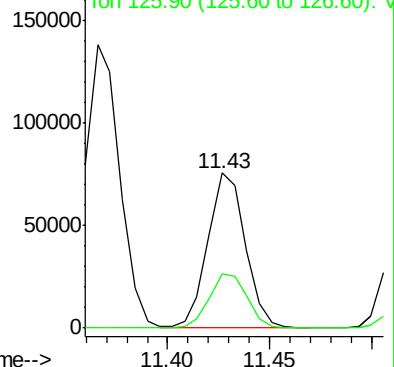
Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000377.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000377.D

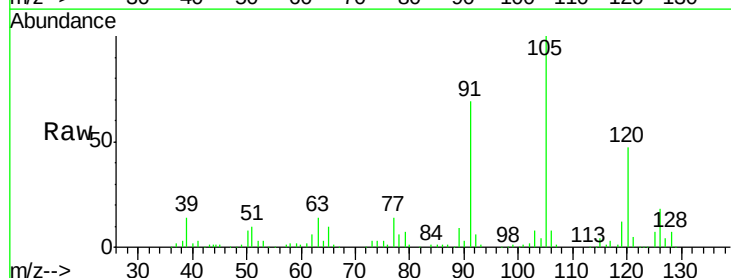
Acq: 21 Mar 2018 11:49

Tgt Ion: 105 Resp: 121231

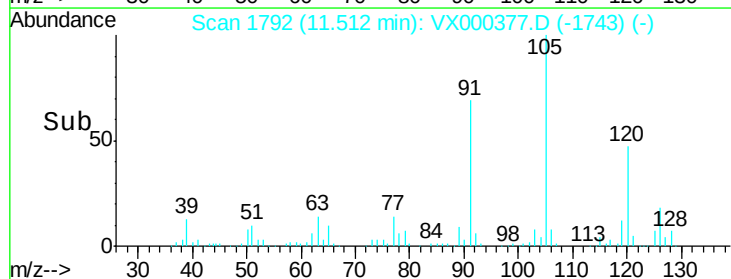
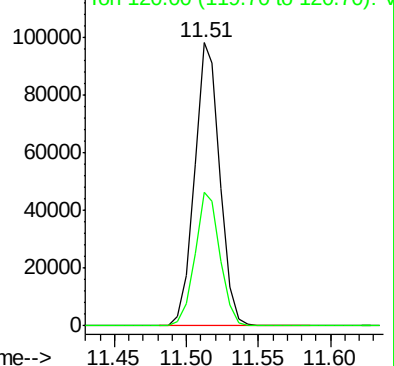
Ion Ratio Lower Upper

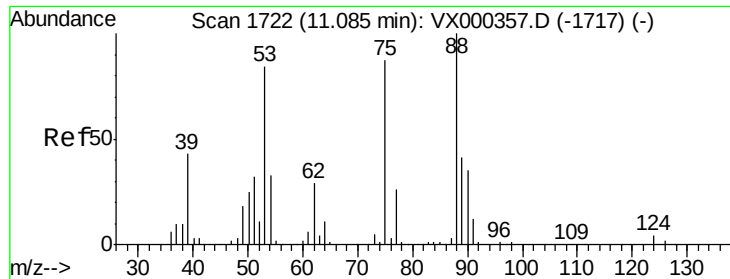
105 100

120 46.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000377.D (-1743) (-)

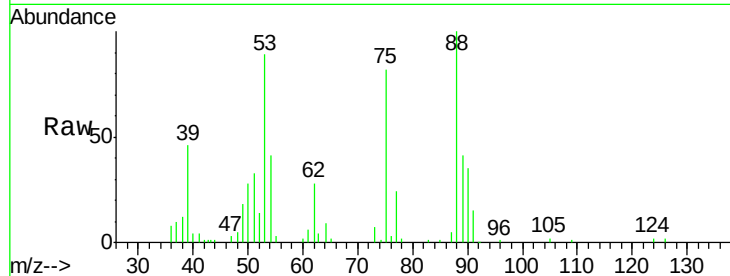




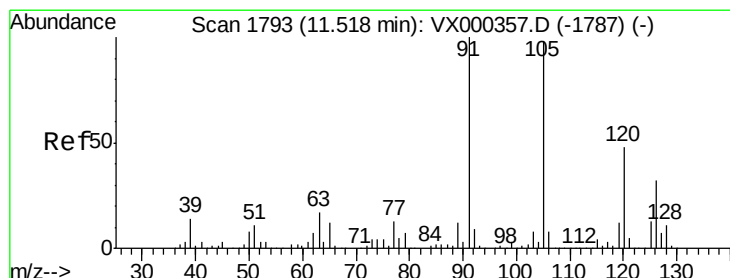
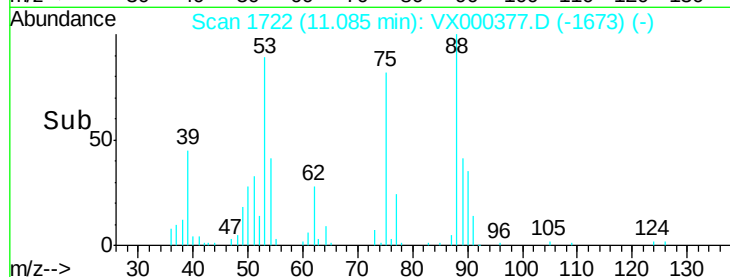
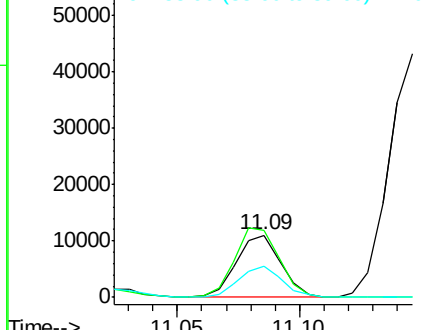
#81
trans-1,4-Dichloro-2-butene
Concen: 21.21 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tgt Ion: 75 Resp: 14019
Ion Ratio Lower Upper
75 100
53 111.5 80.7 121.1
89 48.1 39.4 59.0

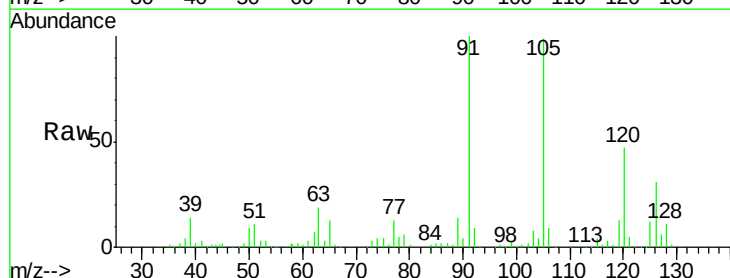


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

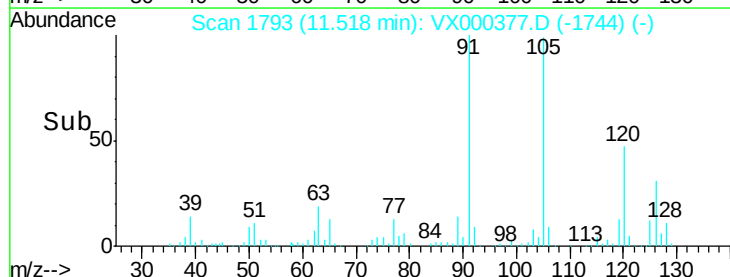
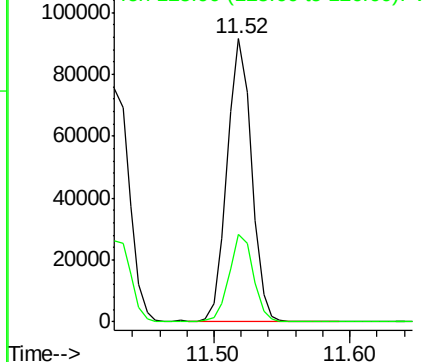


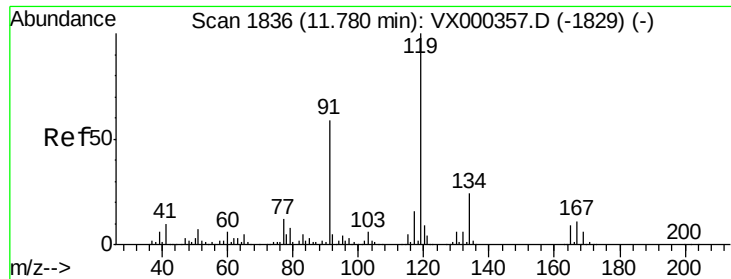
#82
4-Chlorotoluene
Concen: 21.08 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 91 Resp: 114357
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.1



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

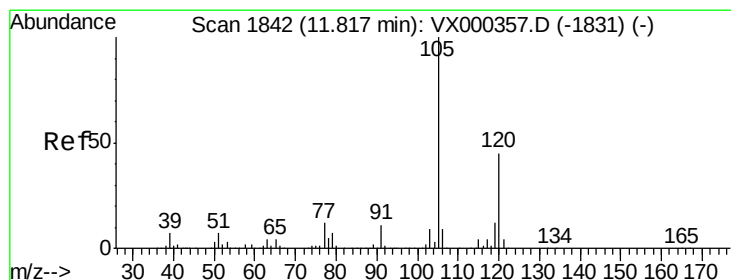
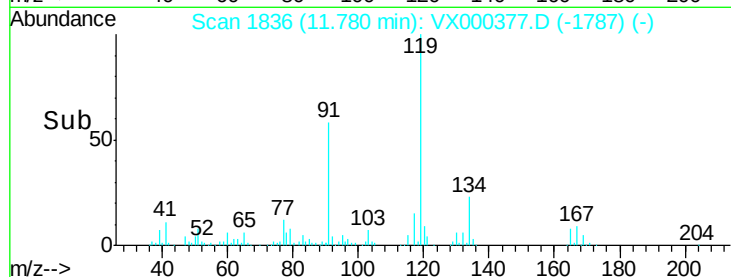
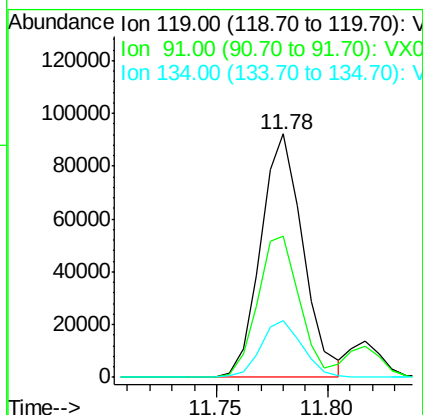
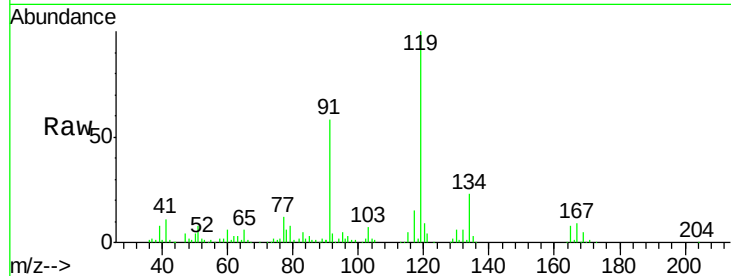




#83
 tert-Butylbenzene
 Concen: 21.70 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

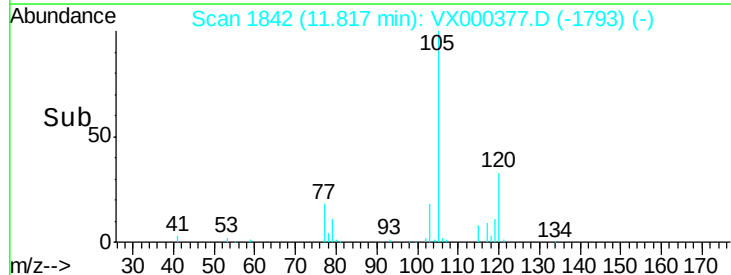
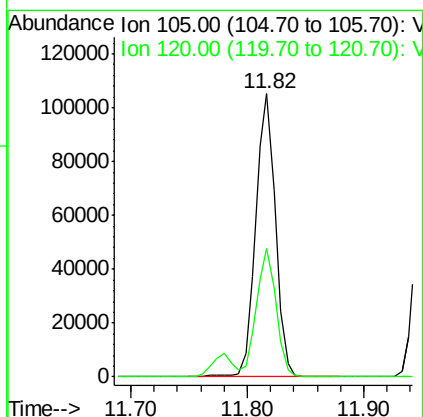
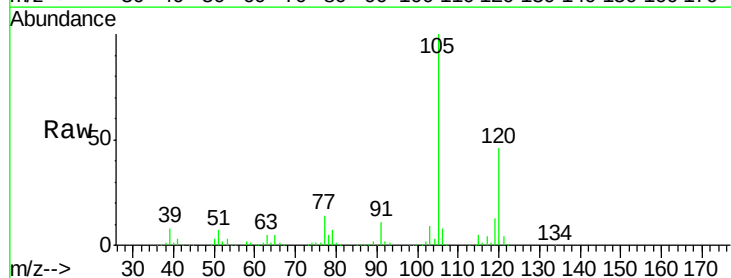
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

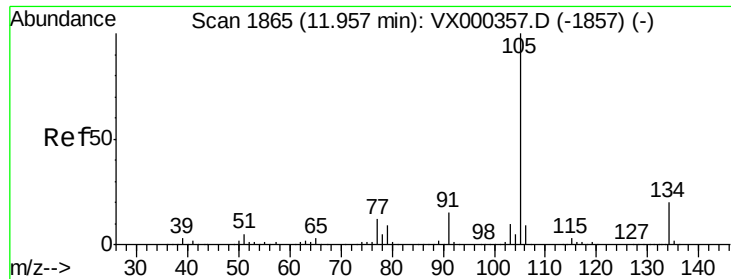
Tgt Ion:119 Resp: 121411
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.47 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion:105 Resp: 124865
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

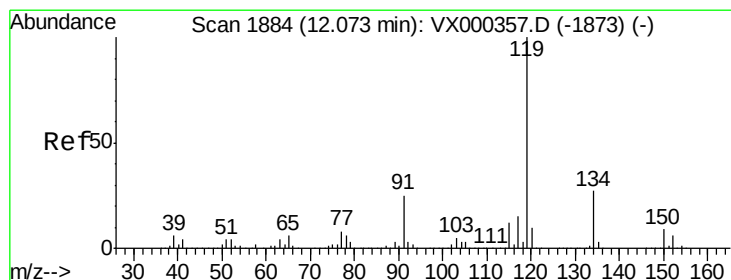
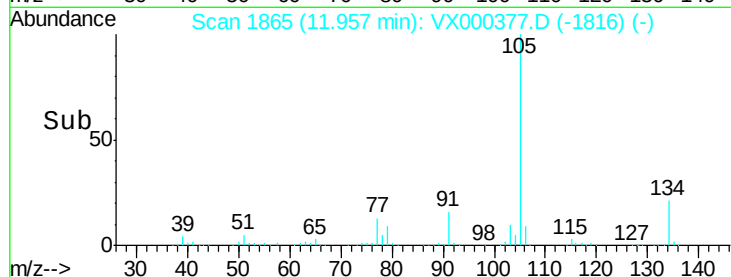
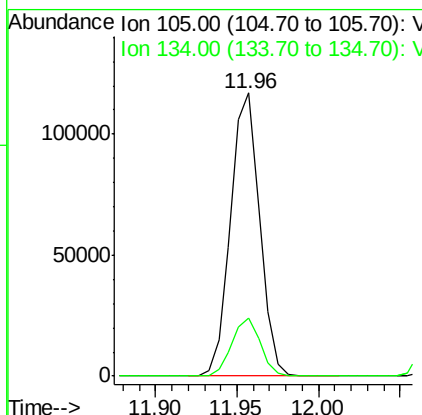
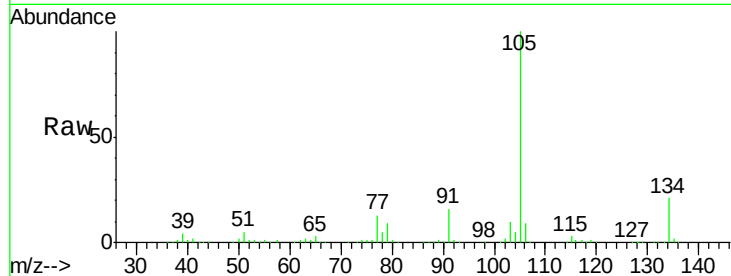




#85
 sec-Butylbenzene
 Concen: 20.92 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

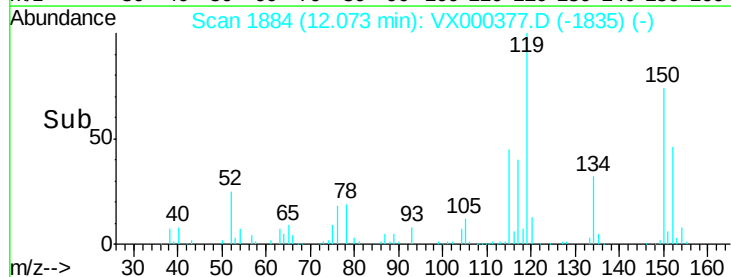
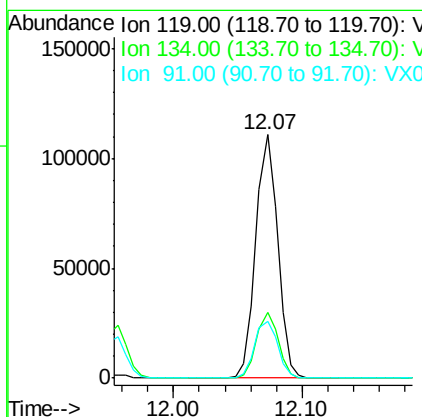
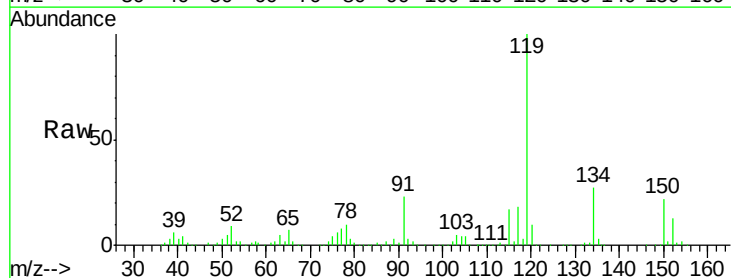
Instrument :
 MSVOA_X
 ClientSampled :
 VX0321WBS02

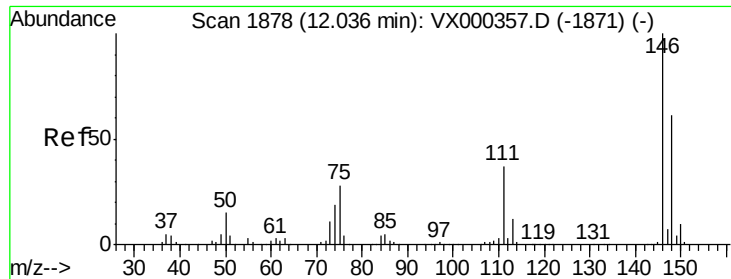
Tgt Ion:105 Resp: 144821
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.05 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion:119 Resp: 129425
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 24.7 12.0 36.1

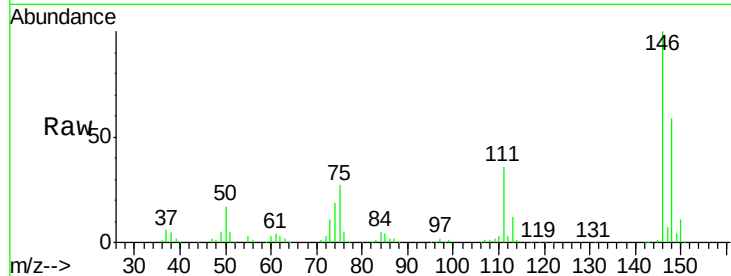




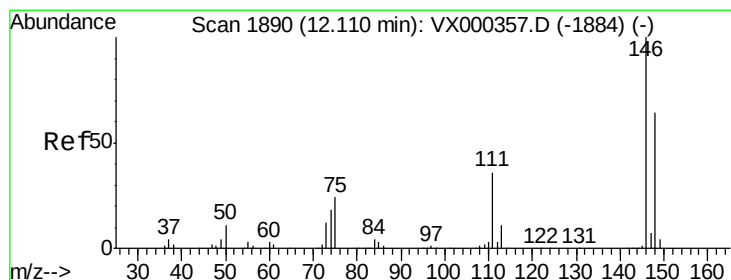
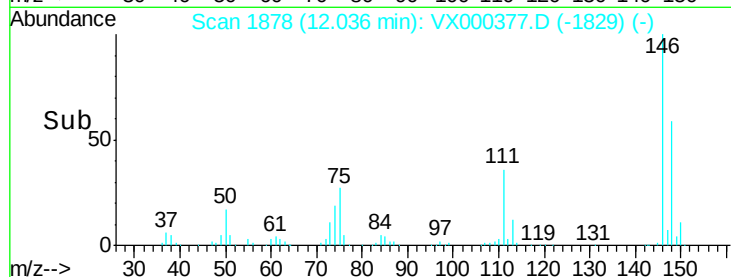
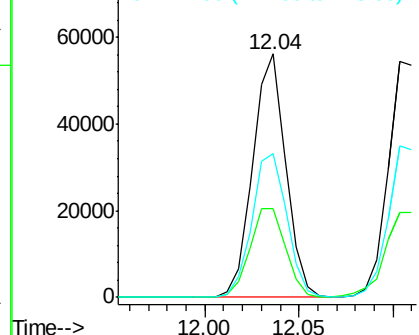
#87
 1,3-Dichlorobenzene
 Concen: 20.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tgt Ion:146 Resp: 68229
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.5 58.5
 148 62.8 32.4 97.0

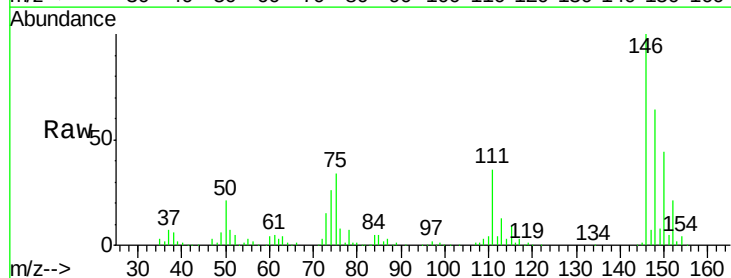


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

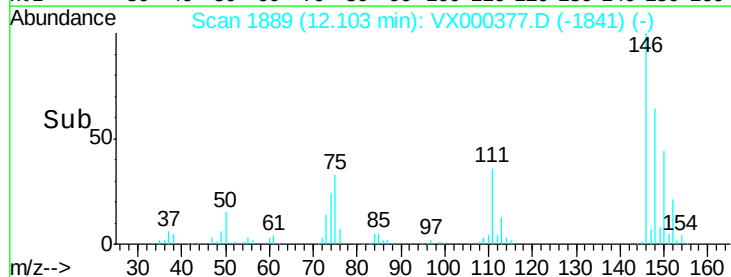
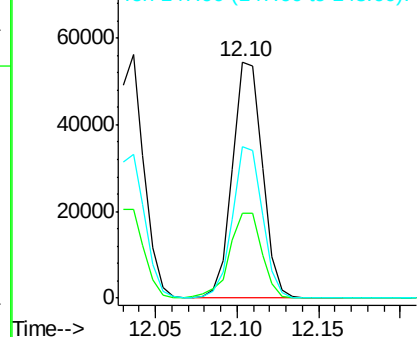


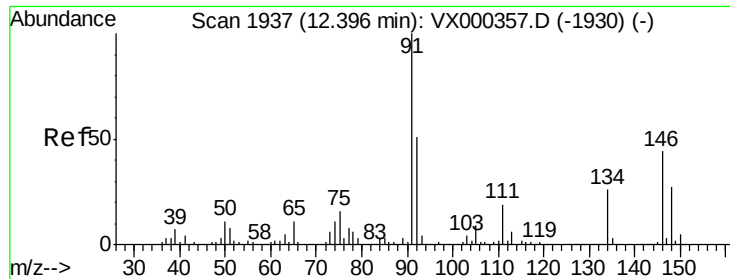
#88
 1,4-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion:146 Resp: 69607
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 63.9 31.0 93.0



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





#89

n-Butylbenzene

Concen: 20.53 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

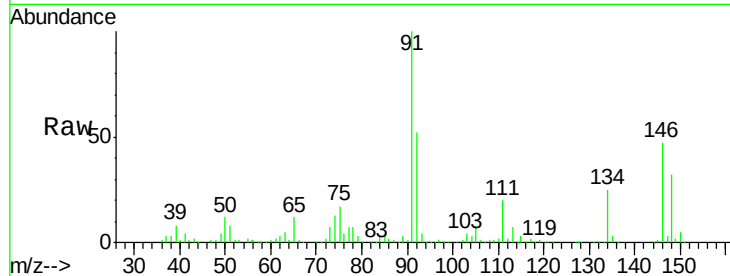
Tgt Ion: 91 Resp: 117511

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

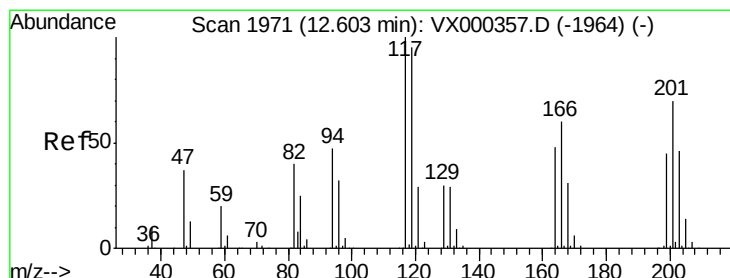
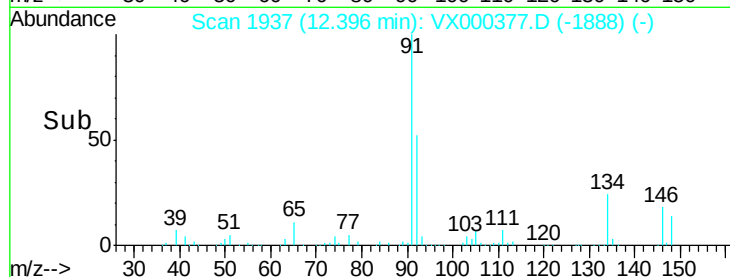
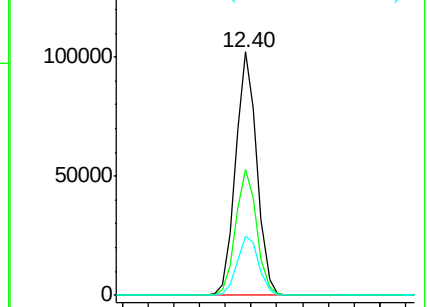
134 25.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.54 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000377.D

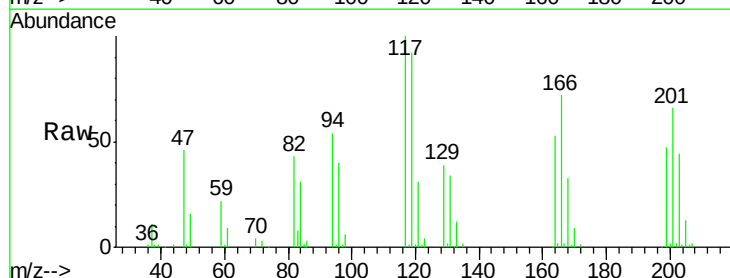
Acq: 21 Mar 2018 11:49

Tgt Ion: 117 Resp: 20839

Ion Ratio Lower Upper

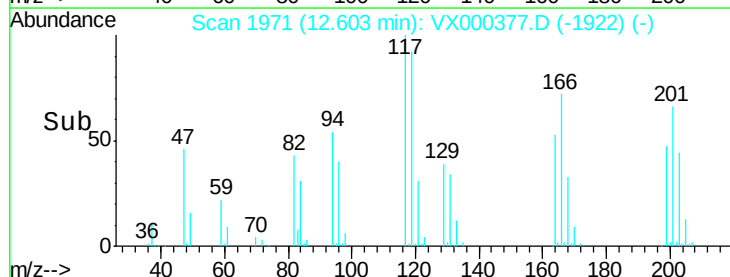
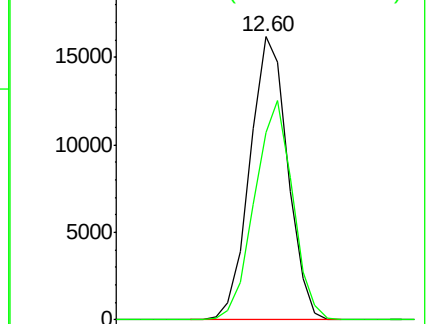
117 100

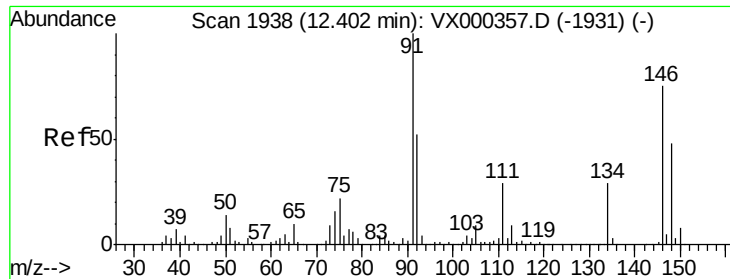
201 78.0 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

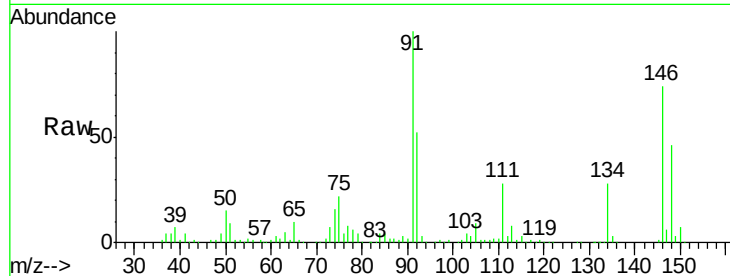




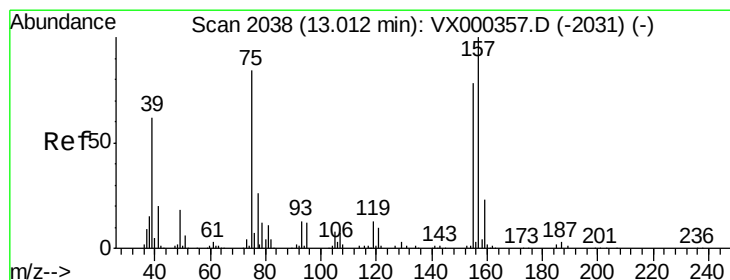
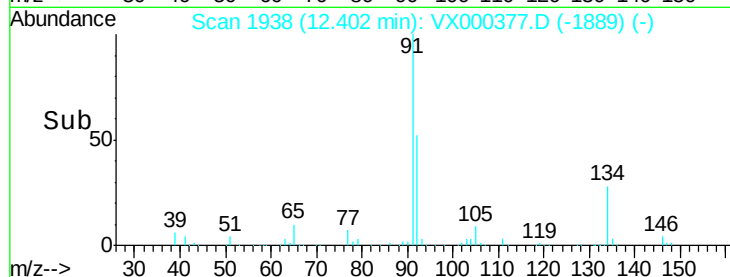
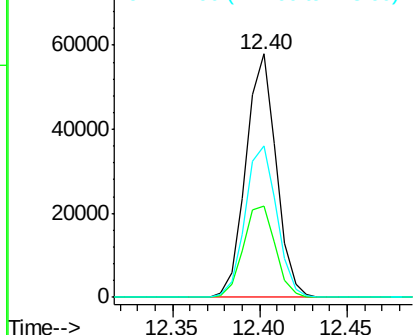
#91
 1,2-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tgt Ion:146 Resp: 69566
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 64.7 31.2 93.6

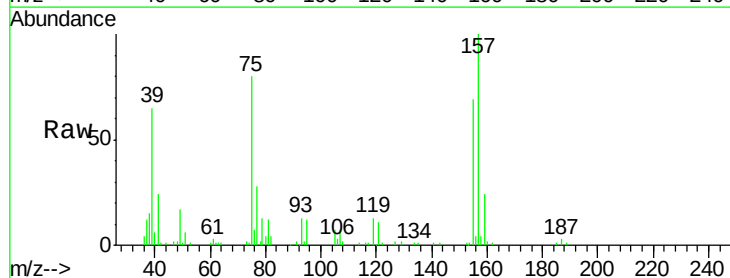


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

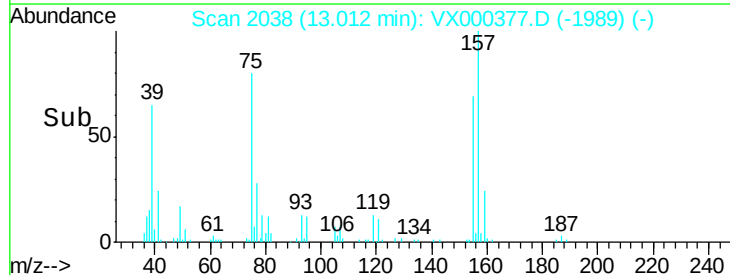
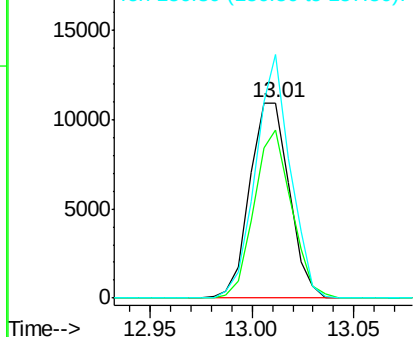


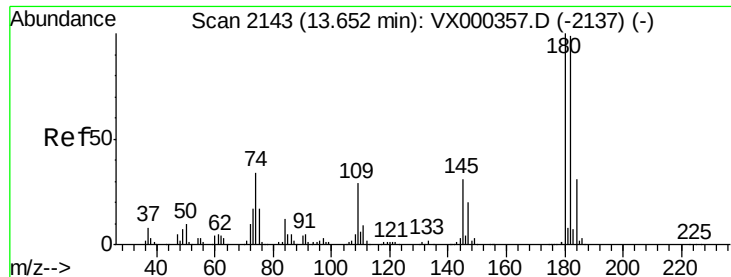
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.63 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 75 Resp: 14724
 Ion Ratio Lower Upper
 75 100
 155 81.7 45.0 134.8
 157 109.9 58.1 174.2



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

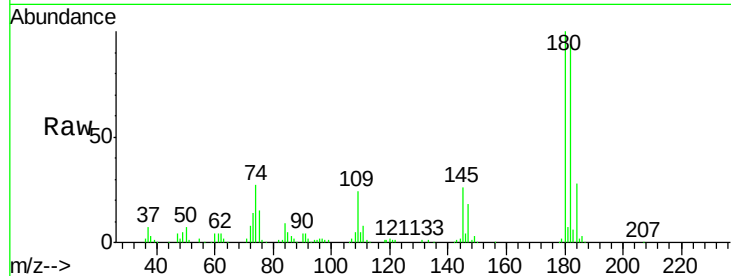




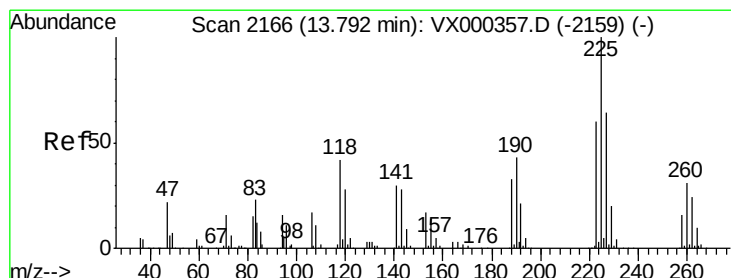
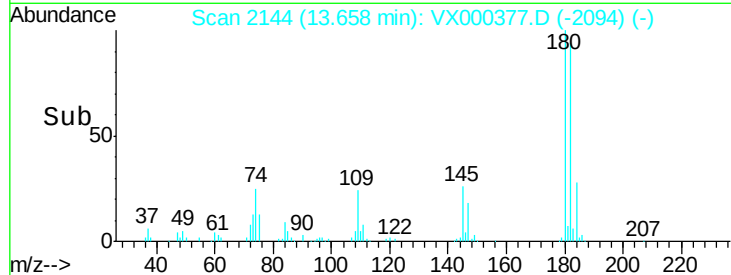
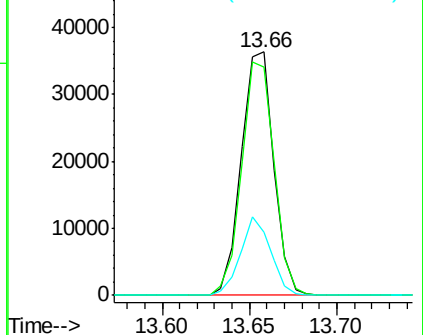
#93
 1,2,4-Trichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tgt Ion:180 Resp: 46837
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 29.8 15.1 45.3

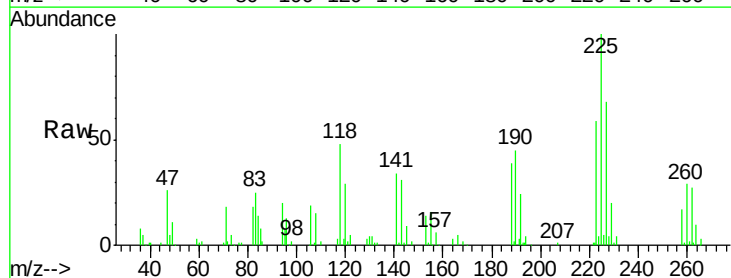


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

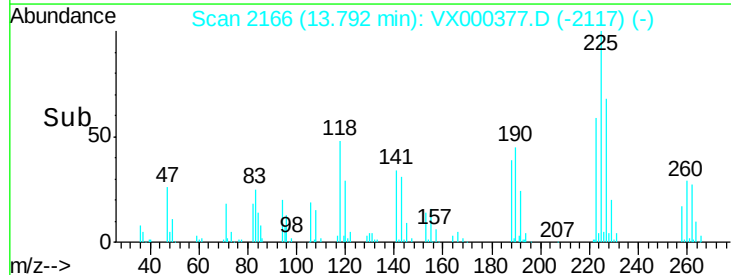
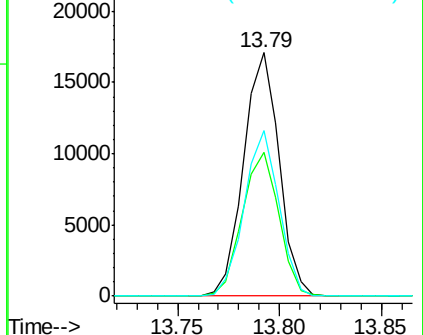


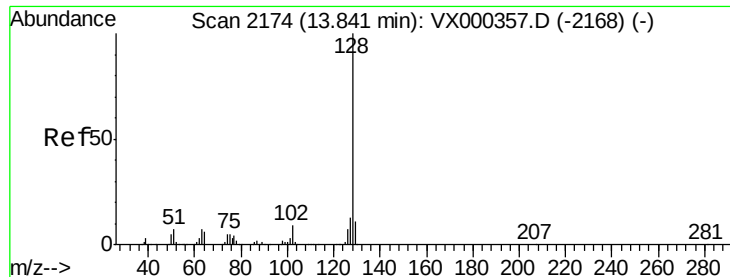
#94
 Hexachlorobutadiene
 Concen: 21.36 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion:225 Resp: 20658
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.0 96.0
 227 66.4 32.6 98.0



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: 21.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

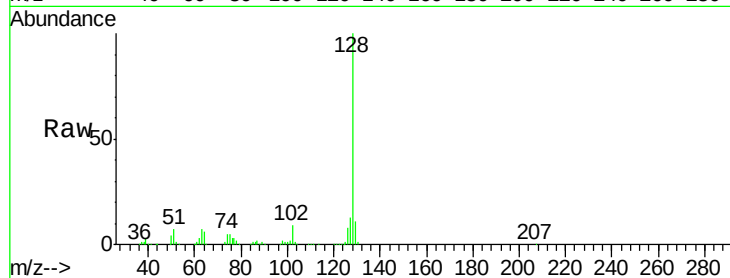
Tgt Ion:128 Resp: 175804

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

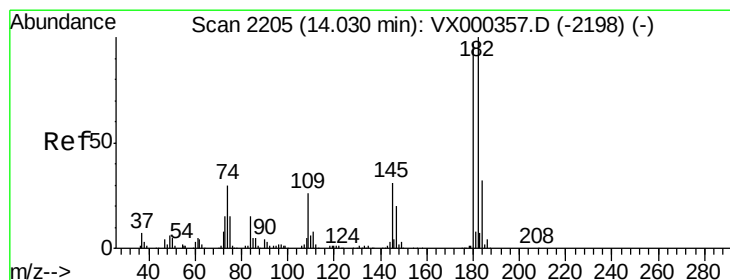
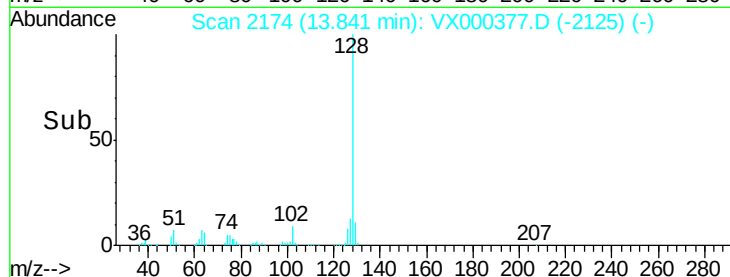
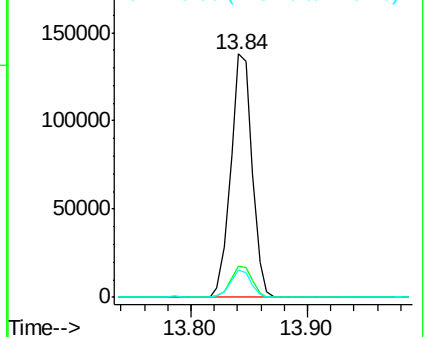
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.15 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

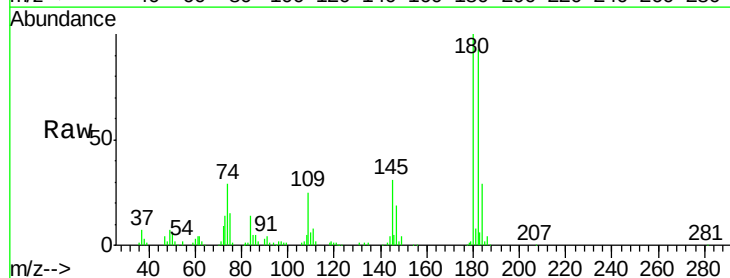
Tgt Ion:180 Resp: 48809

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.3

145 30.4 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

