

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000275.D
 Acq On : 12 Mar 2018 13:23
 Operator : JC/MD
 Sample : VX0312WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:33:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	91375	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.52	113	69717	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.73	98	279012	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.15	95	106884	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	25691	18.12	ug/l	96
3) Chloromethane	1.32	50	28014	20.24	ug/l	98
4) Vinyl Chloride	1.41	62	32196	19.96	ug/l	96
5) Bromomethane	1.64	94	30904	17.72	ug/l	97
6) Chloroethane	1.73	64	22497	22.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	58041	21.69	ug/l	99
8) Diethyl Ether	2.20	74	20870	21.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31765	21.25	ug/l	100
10) Methyl Iodide	2.52	142	28052	19.90	ug/l	97
11) Tert butyl alcohol	3.08	59	64180	96.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29603	21.57	ug/l	99
13) Acrolein	2.30	56	39825	114.28	ug/l	94
14) Allyl chloride	2.73	41	54603	21.54	ug/l	98
15) Acrylonitrile	3.16	53	121241	105.10	ug/l	98
16) Acetone	2.45	43	136967	105.72	ug/l	98
17) Carbon Disulfide	2.57	76	71857	19.11	ug/l	99
18) Methyl Acetate	2.79	43	59502	21.57	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	108616	22.22	ug/l	99
20) Methylene Chloride	2.86	84	32207	20.85	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32010	21.21	ug/l	98
22) Diisopropyl ether	3.89	45	81666	18.76	ug/l	96
23) Vinyl Acetate	3.84	43	380653	90.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54936	20.58	ug/l	98
25) 2-Butanone	4.73	43	159394	99.70	ug/l	98
26) 2,2-Dichloropropane	4.60	77	39490	20.24	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30504	21.31	ug/l	93
28) Bromochloromethane	5.03	49	24516	21.61	ug/l	98
29) Tetrahydrofuran	5.18	42	98152	97.75	ug/l	98
30) Chloroform	5.23	83	51123	19.81	ug/l	96
31) Cyclohexane	5.59	56	39347	19.93	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	45211	20.21	ug/l	98
36) 1,1-Dichloropropene	5.81	75	37400	18.98	ug/l	99
37) Ethyl Acetate	4.88	43	53376	18.74	ug/l	99
38) Carbon Tetrachloride	5.80	117	38480	19.29	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44190	18.27	ug/l	94
40) Benzene	6.15	78	112624	19.81	ug/l	99
41) Methacrylonitrile	5.07	41	28072	19.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	46327	20.78	ug/l	99
43) Isopropyl Acetate	6.48	43	80342	19.51	ug/l	100
44) Trichloroethene	7.23	130	31309	19.24	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29699	20.63	ug/l	98
46) Dibromomethane	7.67	93	22855	20.07	ug/l	100
47) Bromodichloromethane	7.91	83	39394	19.66	ug/l	95
48) Methyl methacrylate	7.79	41	39210	19.33	ug/l	98
49) 1,4-Dioxane	7.77	88	17400	377.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	308396	99.22	ug/l	99
52) Toluene	8.79	92	76316	19.59	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47130	19.96	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	45277	19.82	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	32593	20.65	ug/l	100
56) Ethyl methacrylate	9.19	69	49076	20.78	ug/l	100
57) 1,3-Dichloropropane	9.38	76	53415	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	123437	103.53	ug/l	99
59) 2-Hexanone	9.51	43	260309	98.21	ug/l	98
60) Dibromochloromethane	9.59	129	31738	19.08	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35079	20.02	ug/l	99
64) Tetrachloroethene	9.34	164	30331	19.18	ug/l	95
65) Chlorobenzene	10.15	112	92129	20.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	31528	20.21	ug/l	98
67) Ethyl Benzene	10.26	91	153948	19.33	ug/l	99
68) m/p-Xylenes	10.37	106	119825	39.09	ug/l	100
69) o-Xylene	10.71	106	57186	19.41	ug/l	97
70) Styrene	10.72	104	96071	19.66	ug/l	99
71) Bromoform	10.87	173	24336	17.45	ug/l #	99
73) Isopropylbenzene	11.02	105	157719	19.73	ug/l	100
74) N-amyl acetate	6.48	43	80342	19.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	57449	20.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65757	25.69	ug/l	83
77) Bromobenzene	11.26	156	40472	19.58	ug/l	98
78) n-propylbenzene	11.37	91	186819	19.86	ug/l	99
79) 2-Chlorotoluene	11.43	91	108470	20.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	135385	20.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	15087	18.05	ug/l	92
82) 4-Chlorotoluene	11.52	91	131190	20.33	ug/l	99
83) tert-Butylbenzene	11.78	119	131148	20.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	141452	20.61	ug/l	97
85) sec-Butylbenzene	11.96	105	168374	20.50	ug/l	98
86) p-Isopropyltoluene	12.07	119	150407	20.76	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78110	19.88	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	81812	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	142483	20.42	ug/l	99
90) Hexachloroethane	12.60	117	22001	18.85	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	80534	20.70	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15208	19.32	ug/l	93

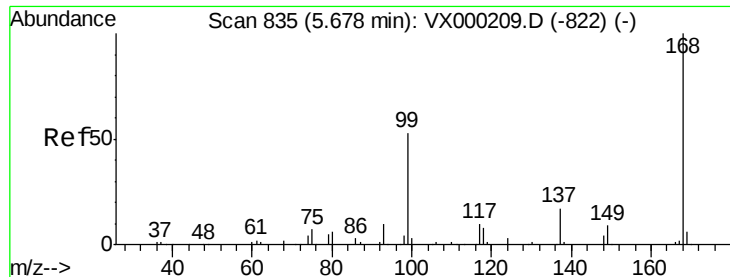
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56880	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	22301	18.93	ug/l	97
95) Naphthalene	13.84	128	201450	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	55629	19.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

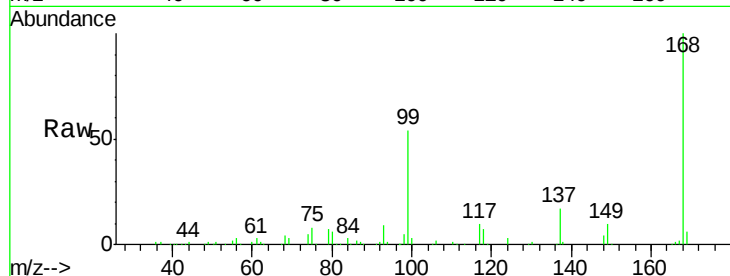
ClientSampleId :

Tot Ion:168 Resp: 130134

Ion Ratio Lower Upper

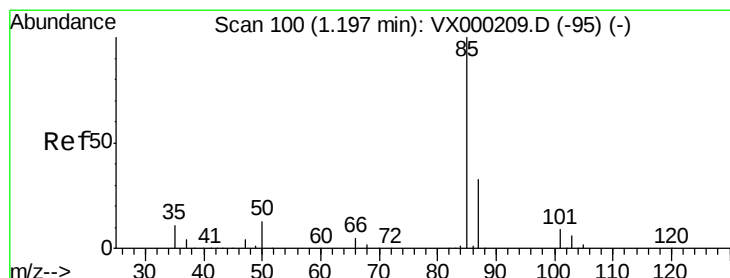
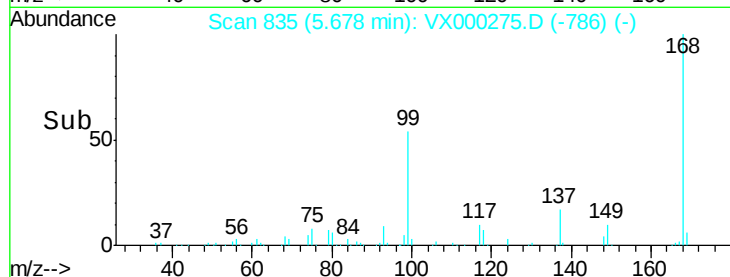
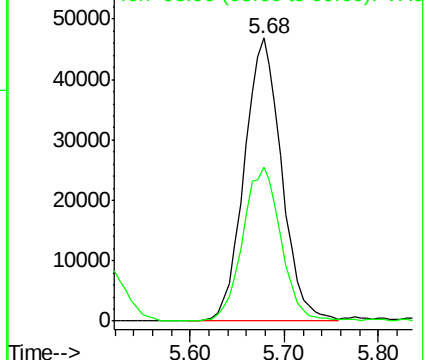
168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000275.D

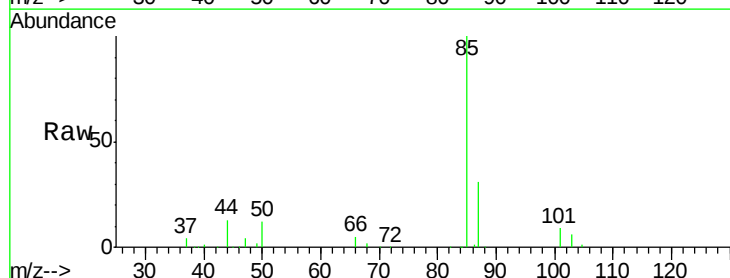
Acq: 12 Mar 2018 13:23

Tgt Ion: 85 Resp: 25691

Ion Ratio Lower Upper

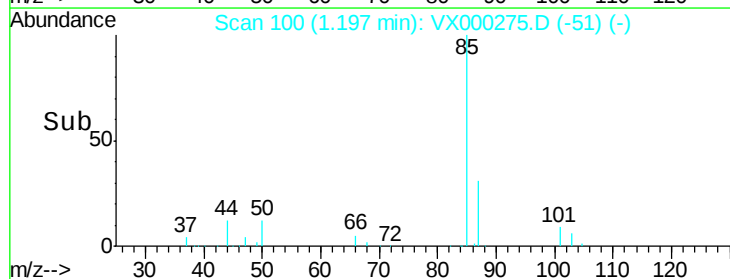
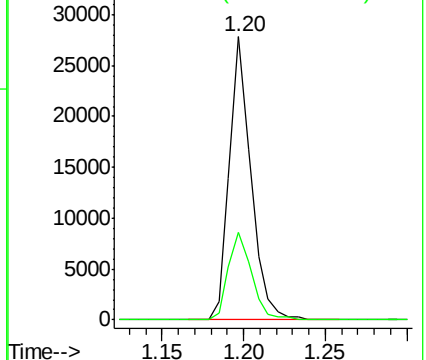
85 100

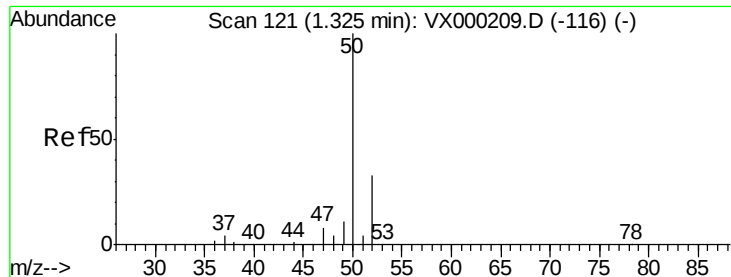
87 31.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

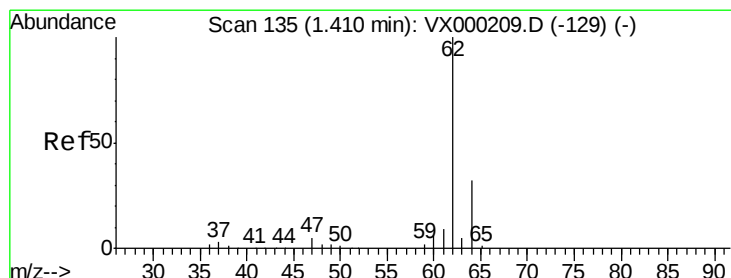
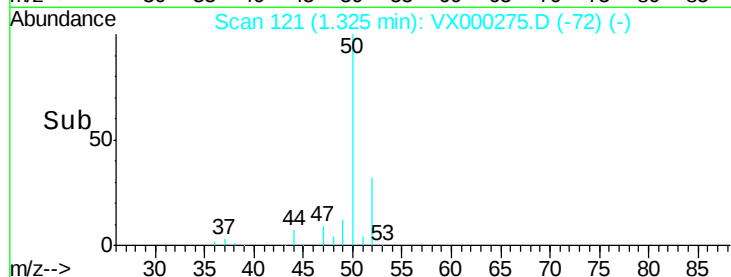
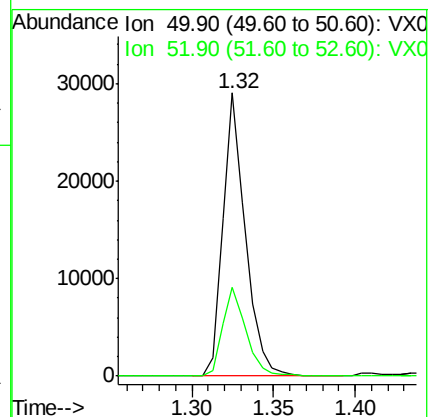
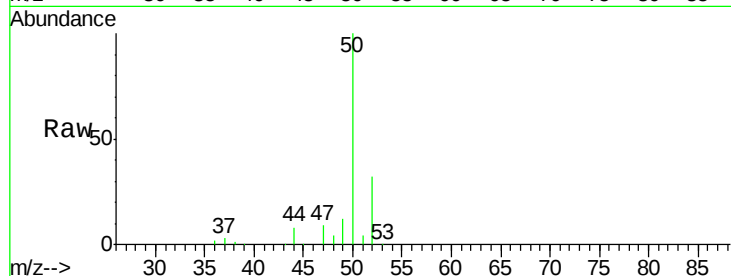
ClientSampleId :

Tot Ion: 50 Resp: 28014

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 19.96 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000275.D

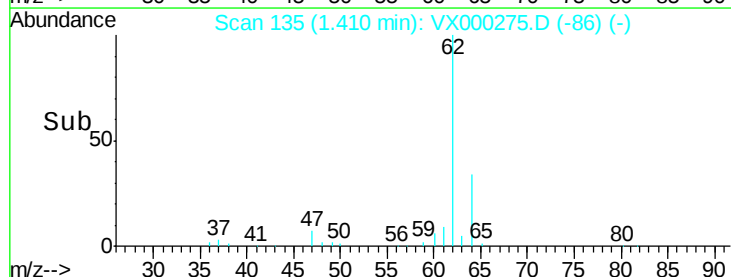
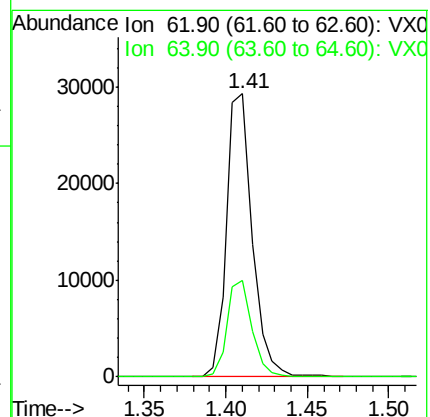
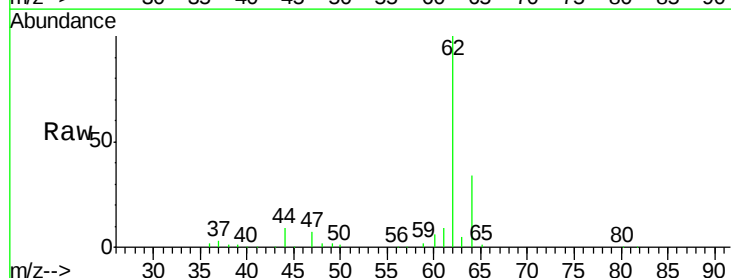
Acq: 12 Mar 2018 13:23

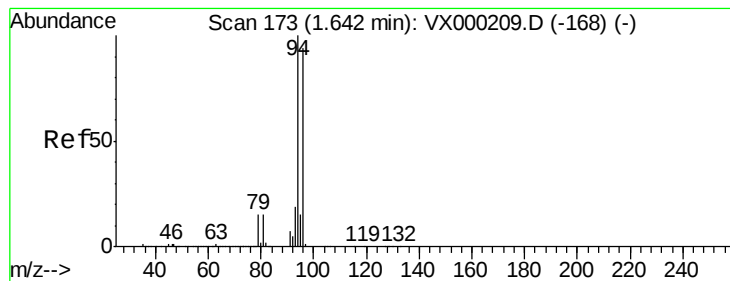
Tgt Ion: 62 Resp: 32196

Ion Ratio Lower Upper

62 100

64 34.1 25.7 38.5





#5

Bromomethane

Concen: 17.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

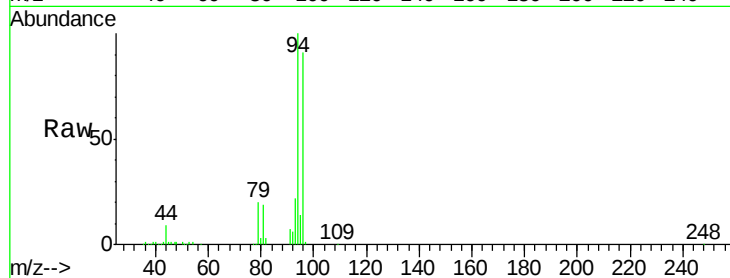
ClientSampled :

Tot Ion: 94 Resp: 30904

Ion Ratio Lower Upper

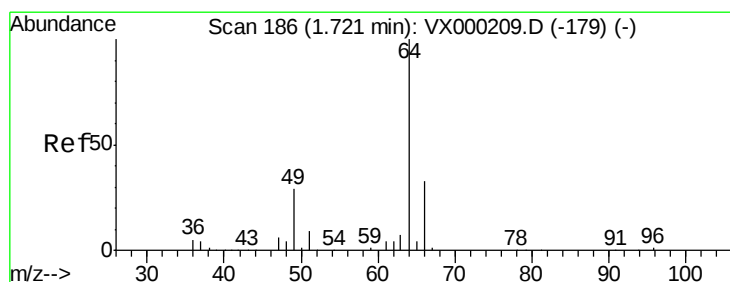
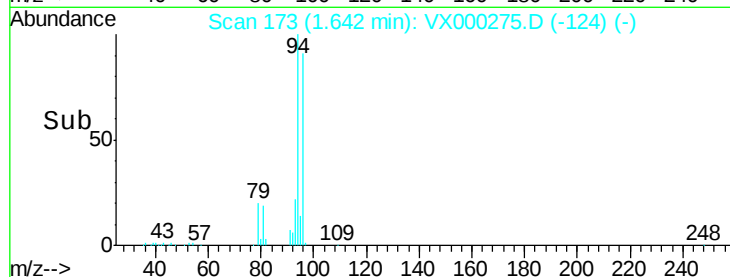
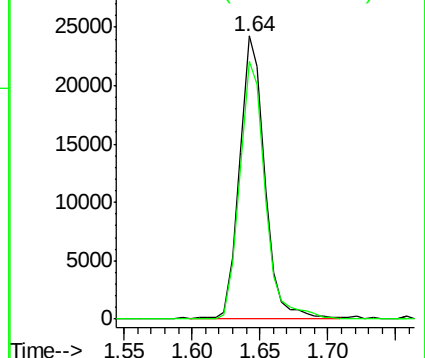
94 100

96 91.3 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000275.D

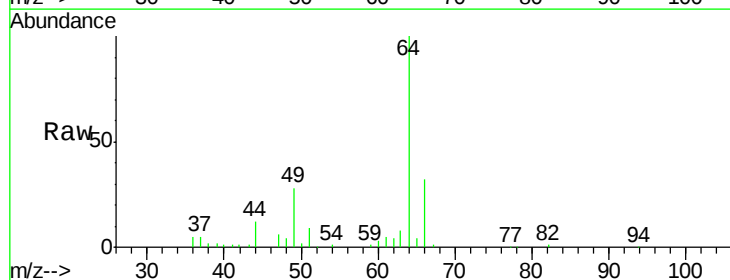
Acq: 12 Mar 2018 13:23

Tgt Ion: 64 Resp: 22497

Ion Ratio Lower Upper

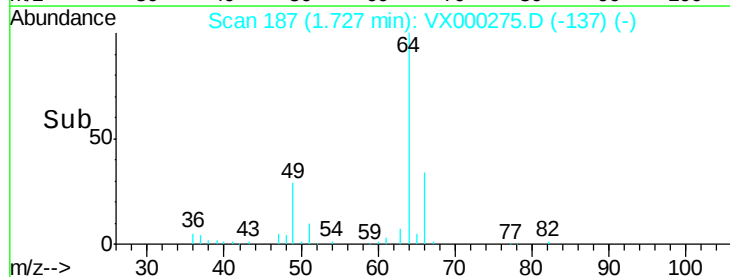
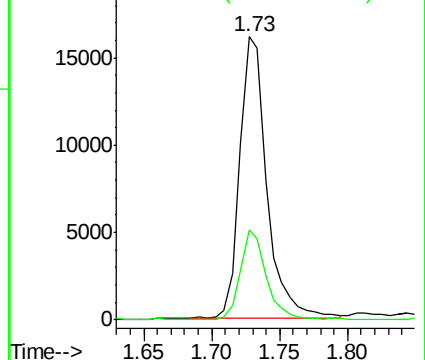
64 100

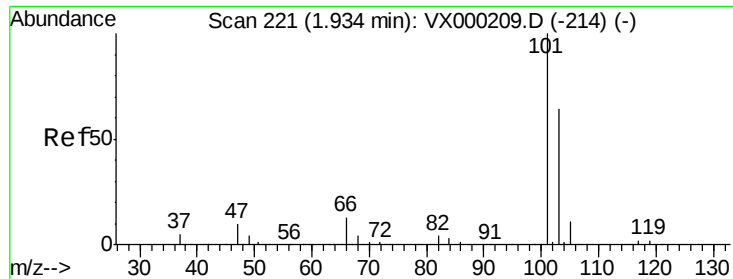
66 31.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



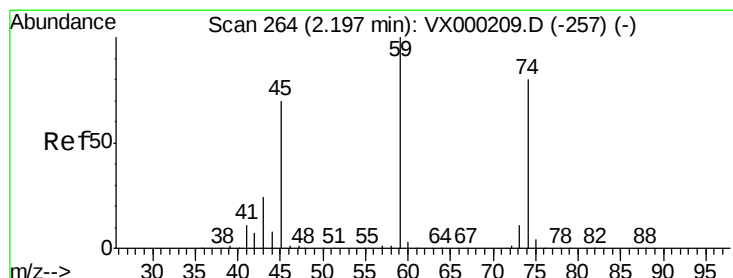
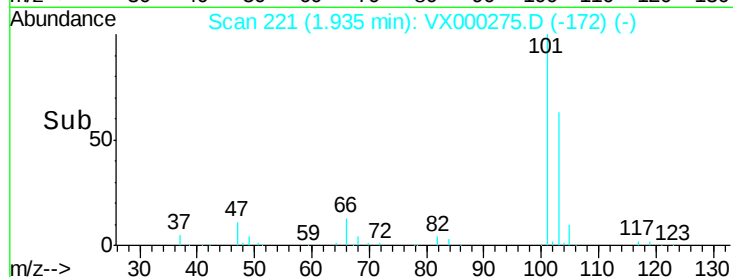
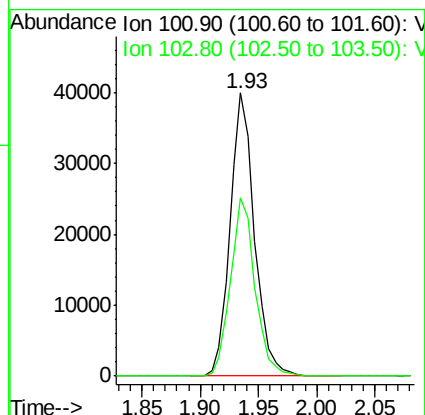
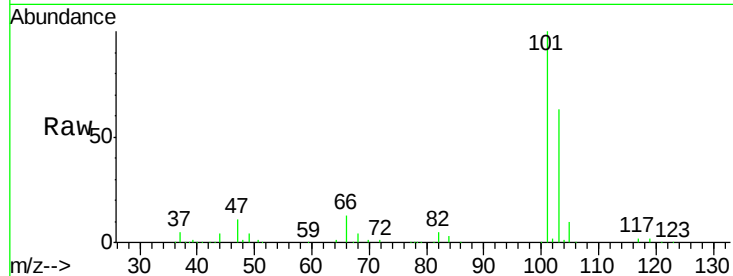


#7

Trichlorofluoromethane
Concen: 21.69 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :

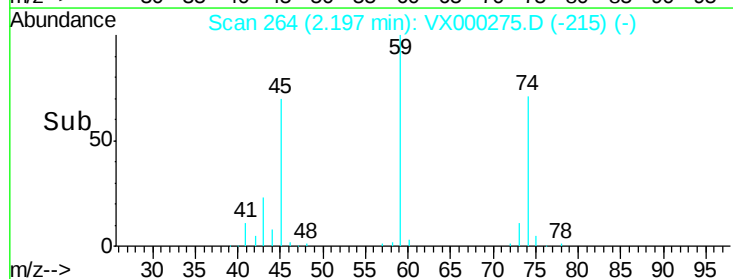
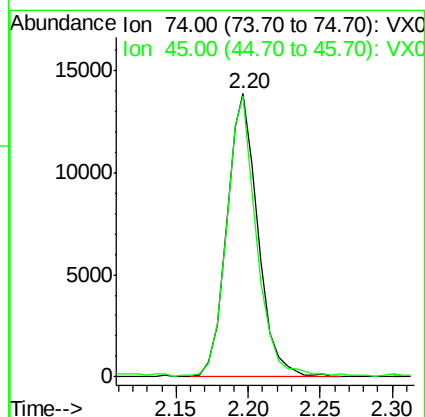
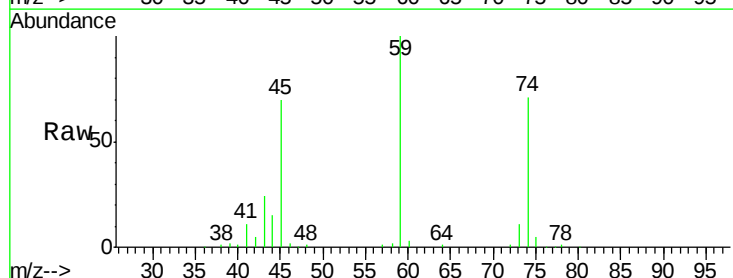
Tot Ion:101 Resp: 58041
Ion Ratio Lower Upper
101 100
103 63.0 51.2 76.8

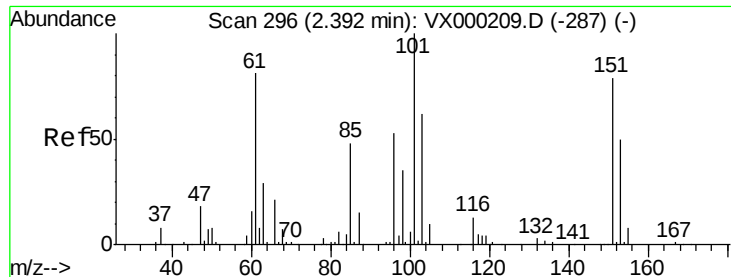


#8

Diethyl Ether
Concen: 21.24 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 74 Resp: 20870
Ion Ratio Lower Upper
74 100
45 97.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.25 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

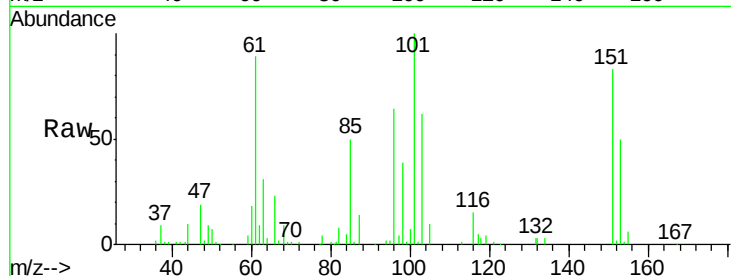
Tot Ion:101 Resp: 31765

Ion Ratio Lower Upper

101 100

85 48.3 38.3 57.5

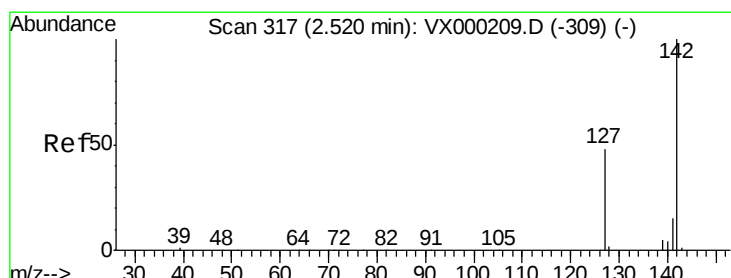
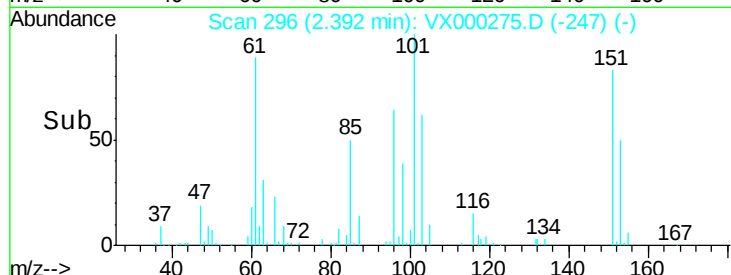
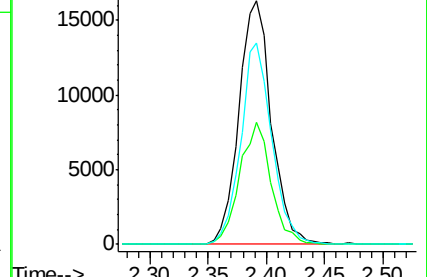
151 78.9 62.8 94.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.90 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

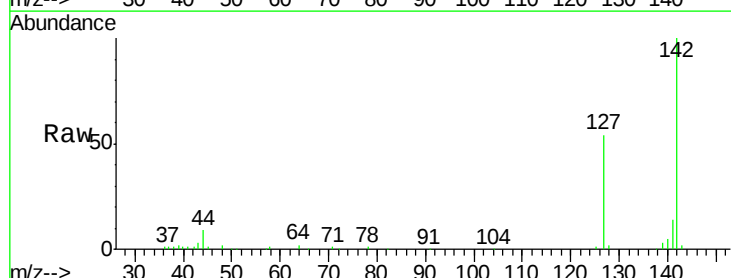
Tgt Ion:142 Resp: 28052

Ion Ratio Lower Upper

142 100

127 50.7 39.0 58.6

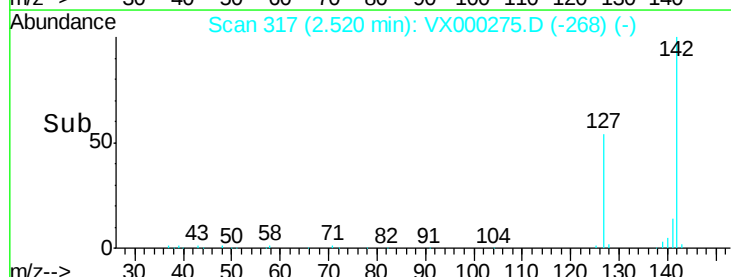
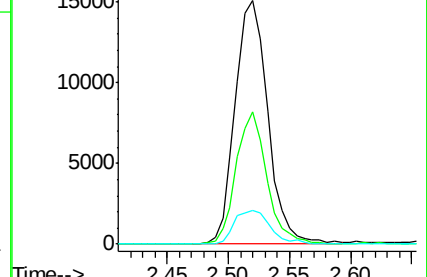
141 15.2 11.6 17.4

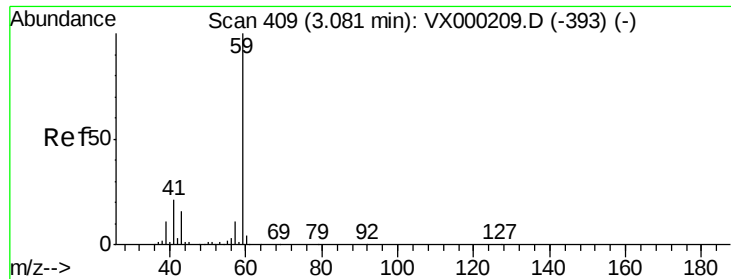


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

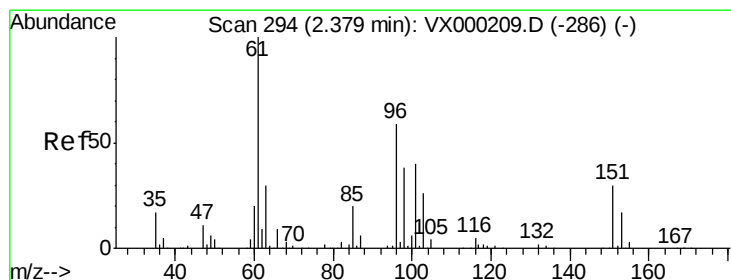
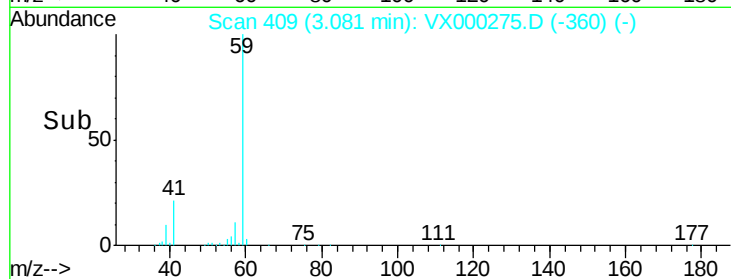
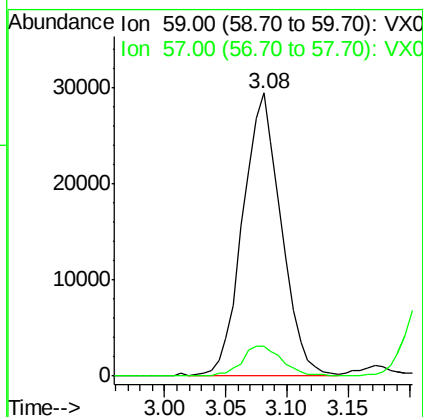
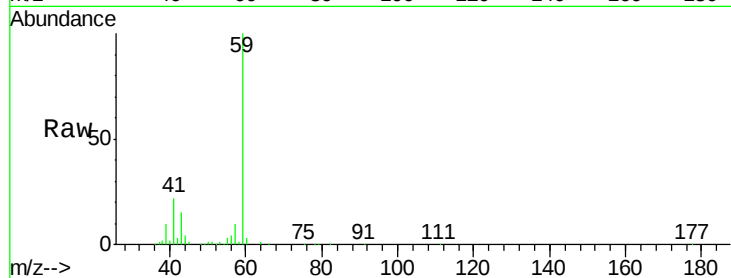




#11
Tert butyl alcohol
Concen: 96.82 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

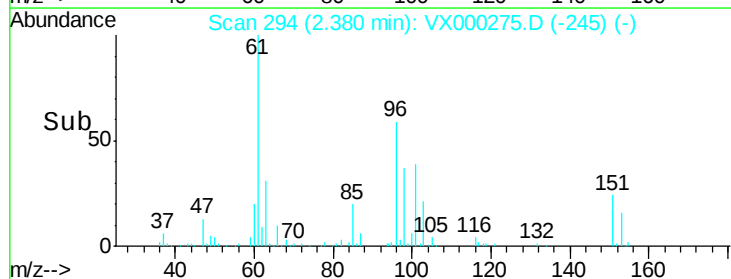
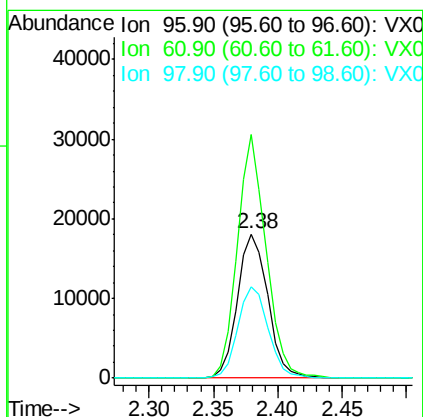
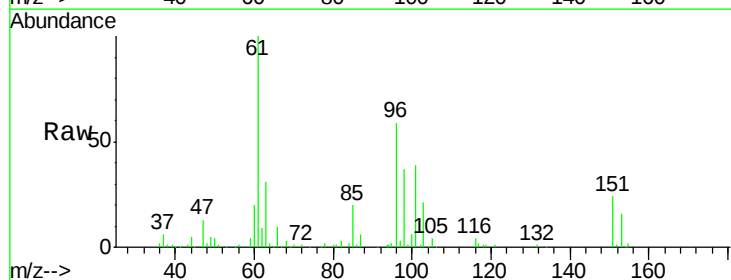
Instrument :
MSVOA_X
ClientSampleId :

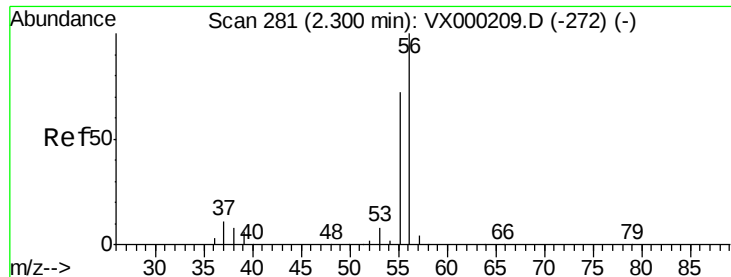
Tot Ion: 59 Resp: 64180
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 21.57 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 96 Resp: 29603
Ion Ratio Lower Upper
96 100
61 168.6 135.8 203.6
98 63.0 51.1 76.7





#13

Acrolein

Concen: 114.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

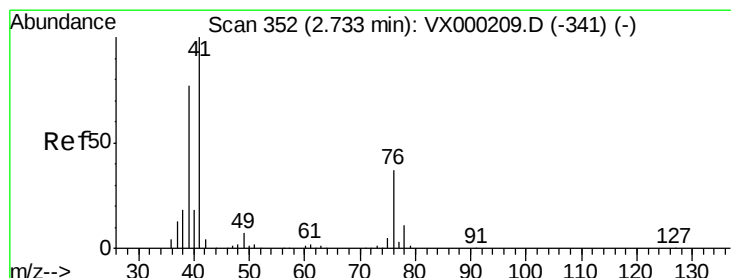
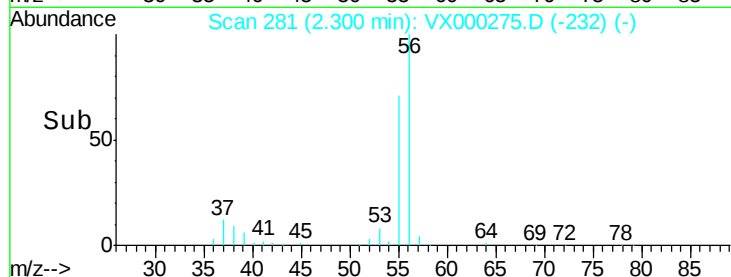
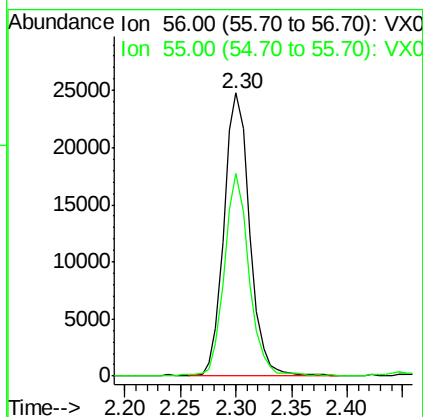
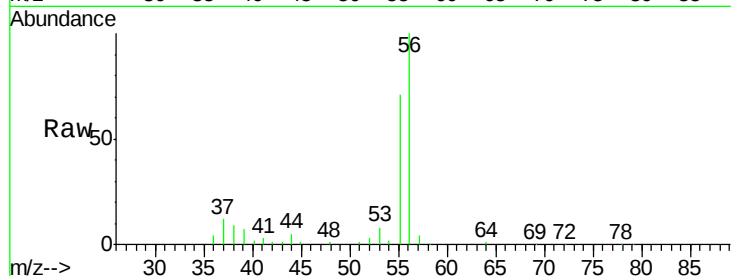
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 39825

Ion Ratio Lower Upper

56 100

55 68.8 59.2 88.8



#14

Allyl chloride

Concen: 21.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

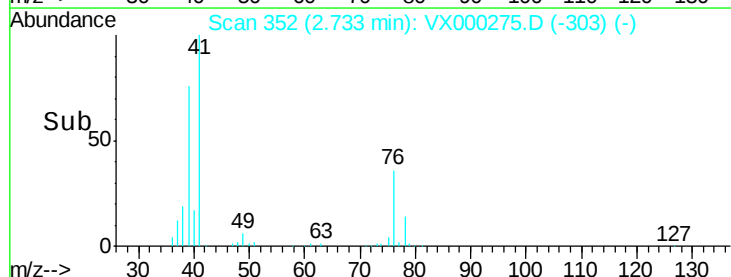
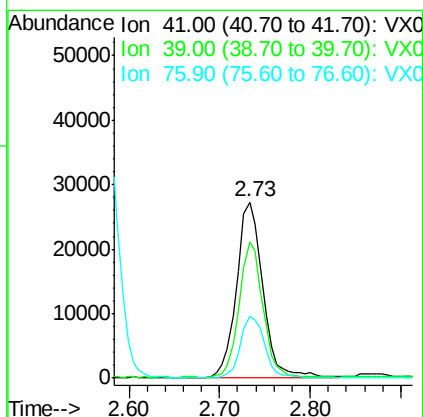
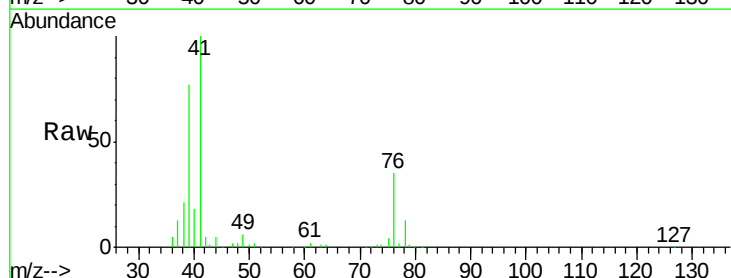
Tgt Ion: 41 Resp: 54603

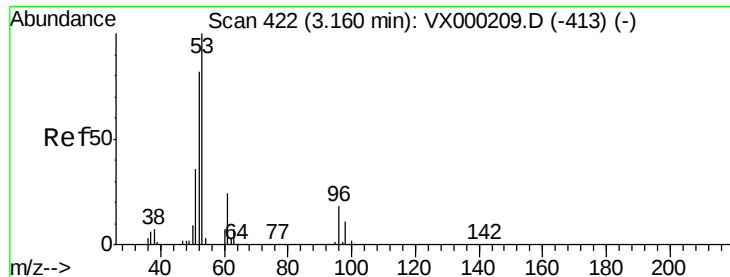
Ion Ratio Lower Upper

41 100

39 70.0 57.0 85.6

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 105.10 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :

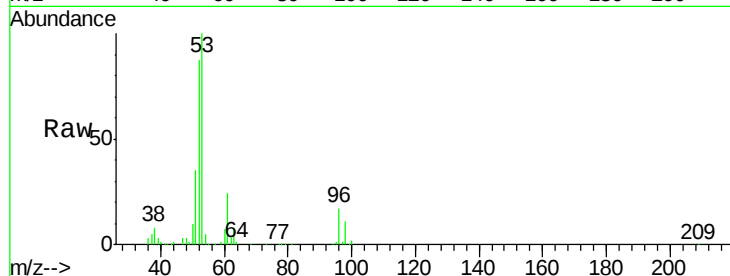
Tot Ion: 53 Resp: 121241

Ion Ratio Lower Upper

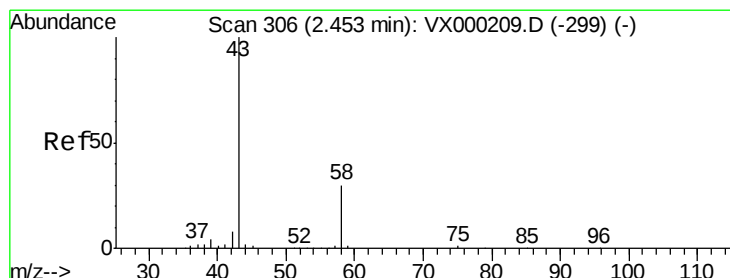
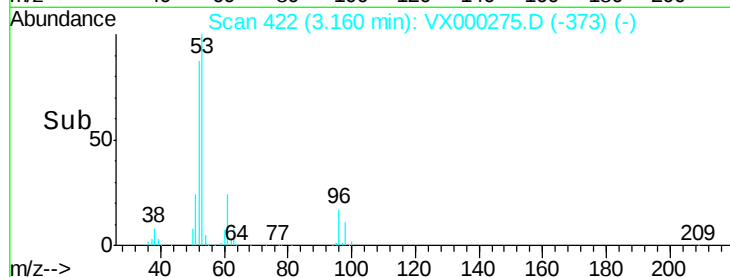
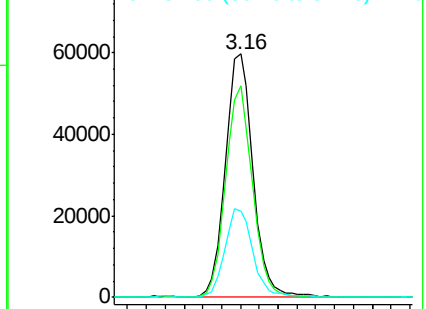
53 100

52 84.8 66.3 99.5

51 37.4 29.6 44.4



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



#16

Acetone

Concen: 105.72 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000275.D

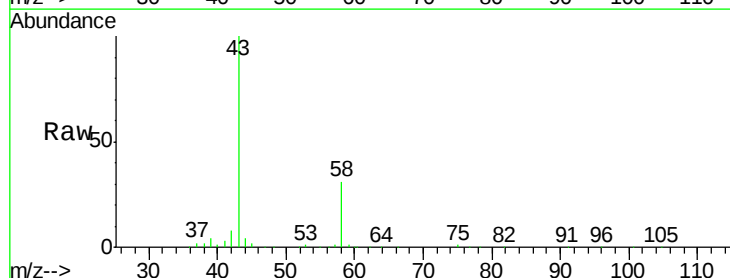
Acq: 12 Mar 2018 13:23

Tgt Ion: 43 Resp: 136967

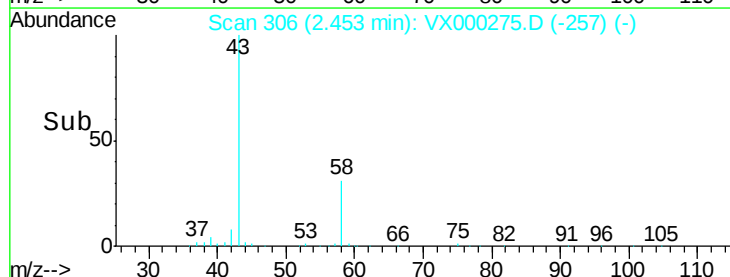
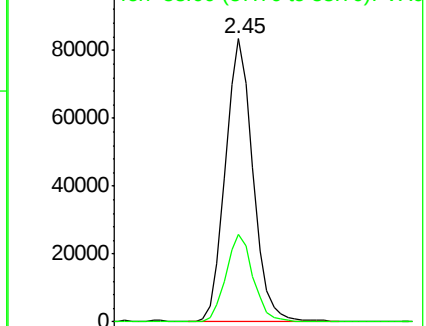
Ion Ratio Lower Upper

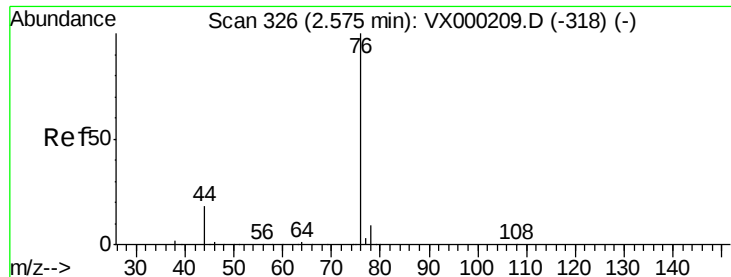
43 100

58 30.8 23.8 35.6



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

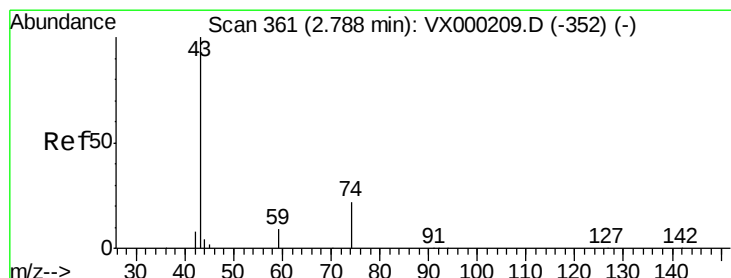
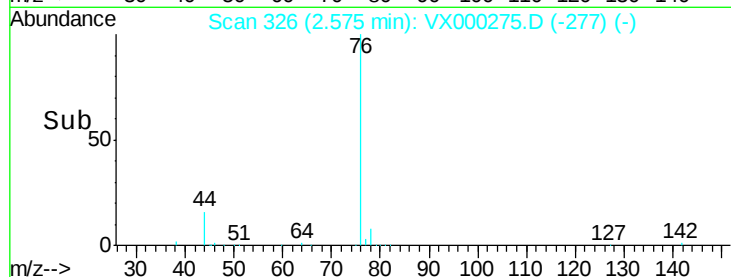
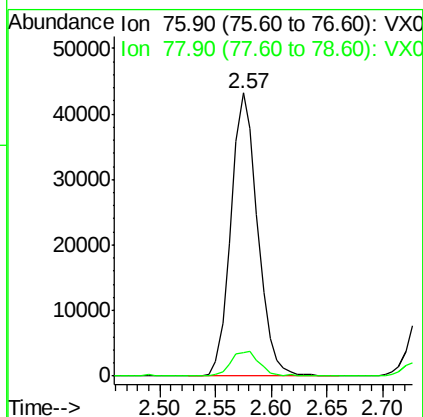
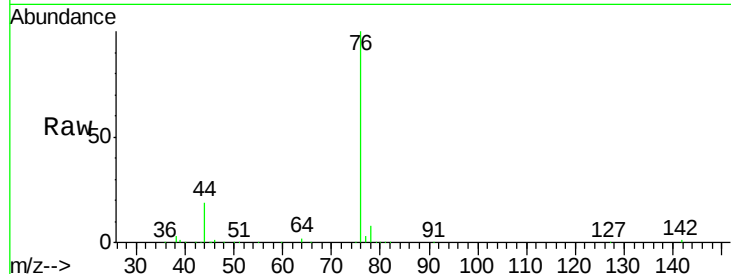




#17
Carbon Disulfide
Concen: 19.11 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

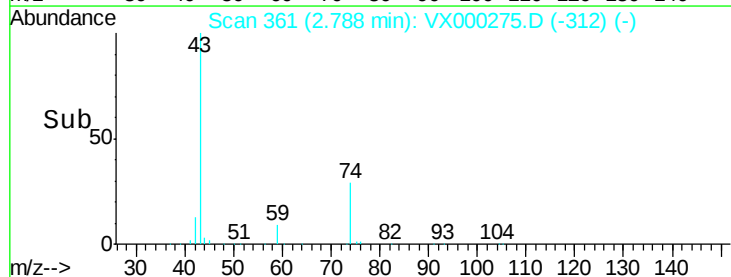
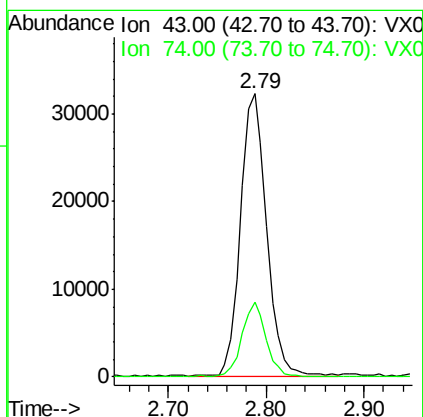
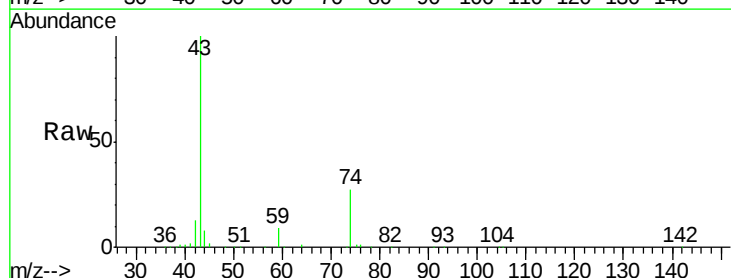
Instrument :
MSVOA_X
ClientSampleId :

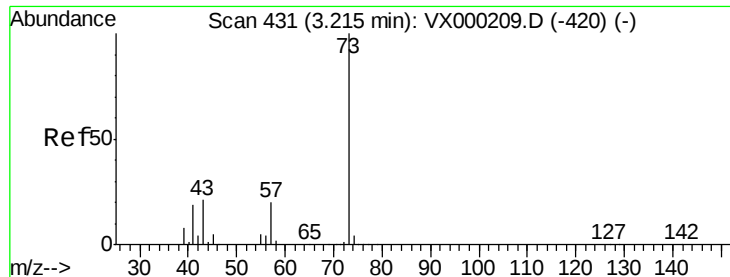
Tot Ion: 76 Resp: 71857
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 21.57 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 43 Resp: 59502
Ion Ratio Lower Upper
43 100
74 24.7 18.9 28.3

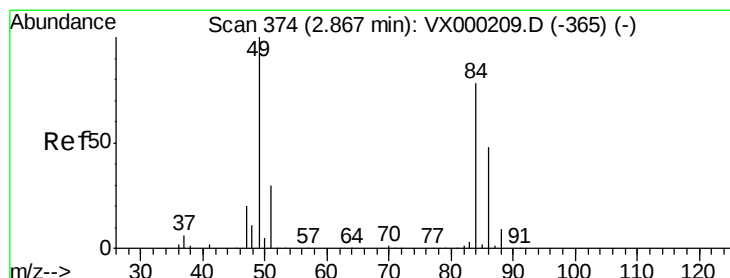
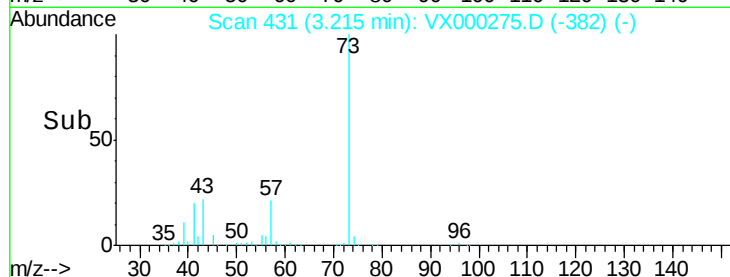
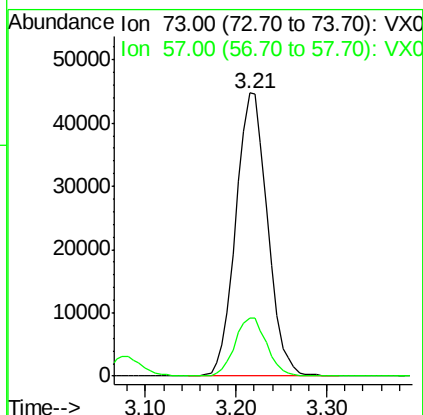
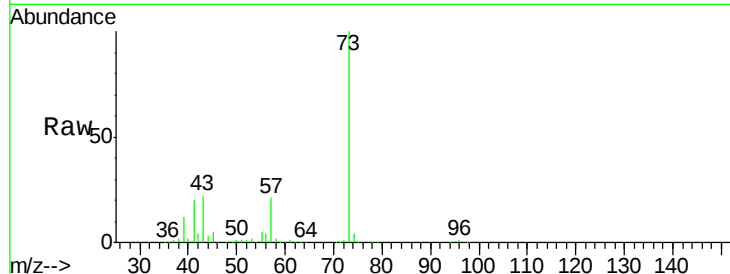




#19
Methvl tert-butvl Ether
Concen: 22.22 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

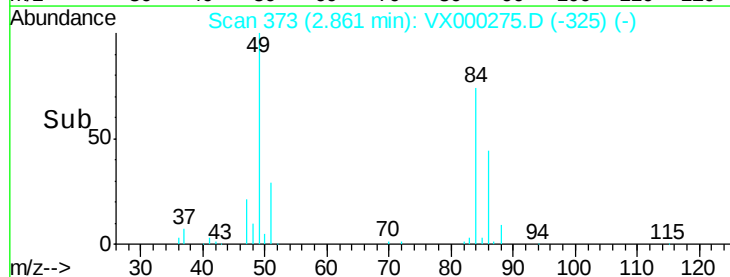
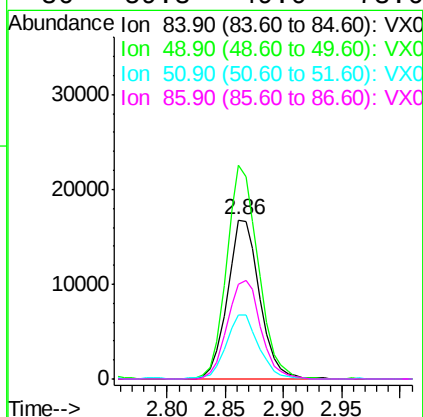
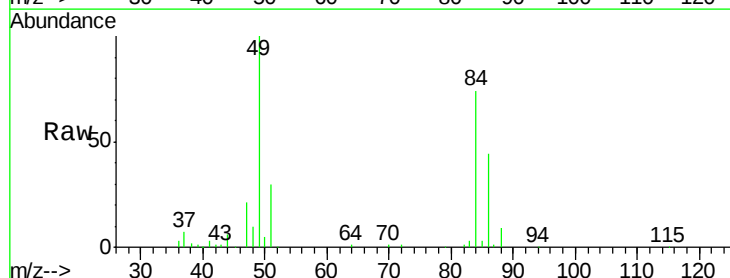
Instrument :
MSVOA_X
ClientSampleId :

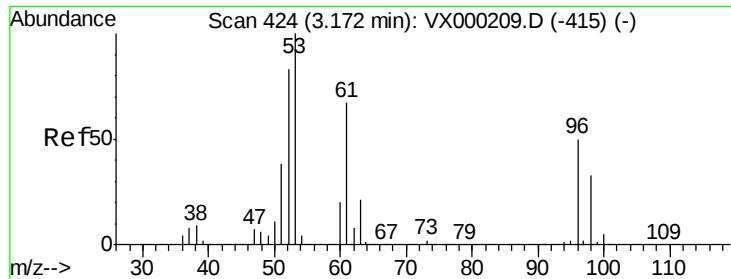
Tot Ion: 73 Resp: 108616
Ion Ratio Lower Upper
73 100
57 20.7 16.3 24.5



#20
Methylene Chloride
Concen: 20.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 84 Resp: 32207
Ion Ratio Lower Upper
84 100
49 134.5 102.1 153.1
51 40.0 30.6 45.8
86 59.3 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 21.21 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

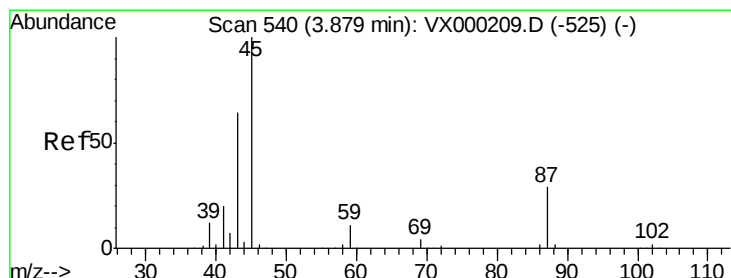
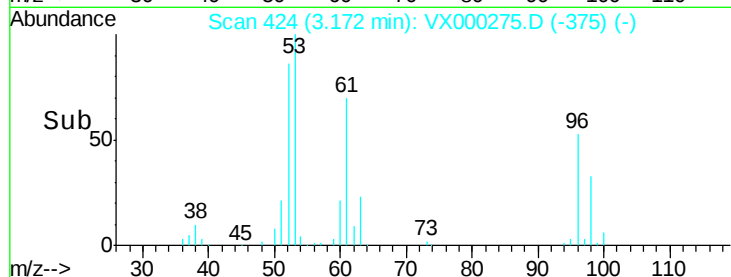
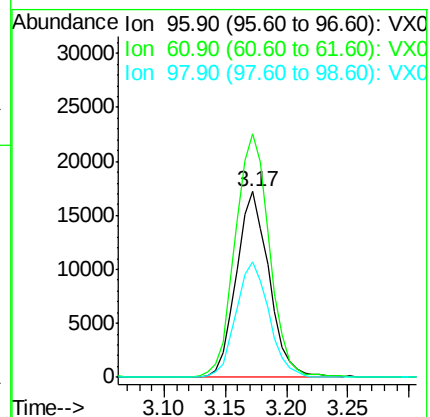
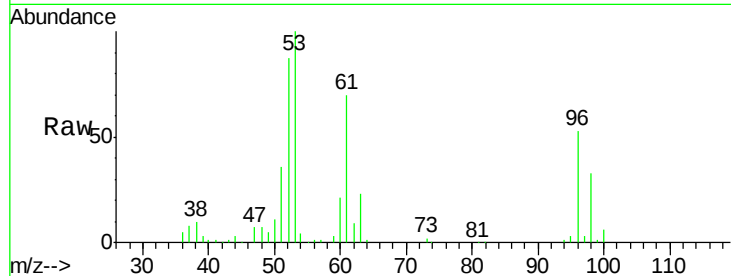
Tot Ion: 96 Resp: 32010

Ion Ratio Lower Upper

96 100

61 131.3 107.0 160.4

98 62.6 51.8 77.8



#22

Diisopropyl ether

Concen: 18.76 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion: 45 Resp: 81666

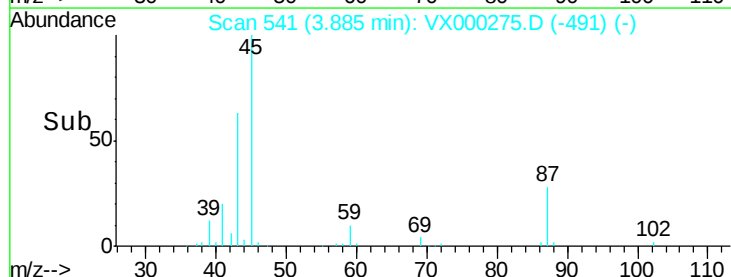
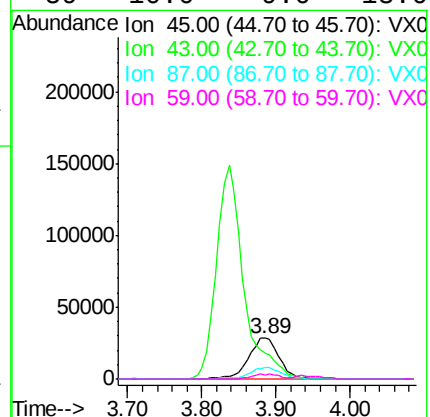
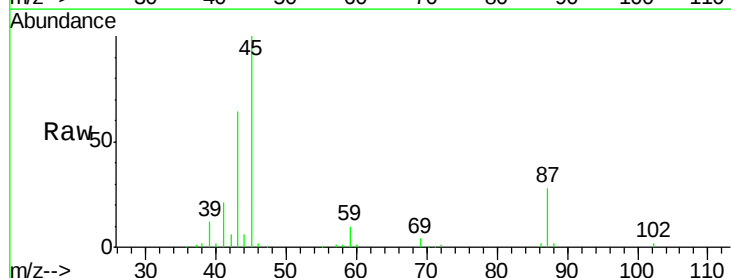
Ion Ratio Lower Upper

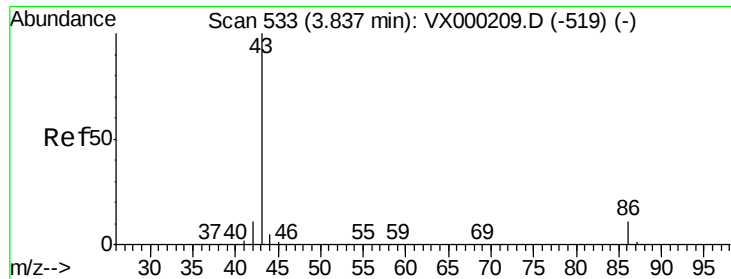
45 100

43 62.6 53.5 80.3

87 28.4 23.3 34.9

59 10.0 9.0 13.6





#23

Vinyl Acetate

Concen: 90.71 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

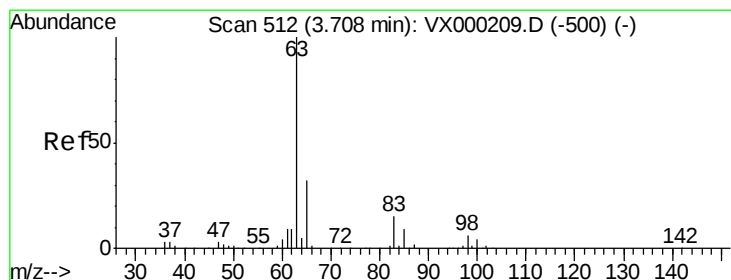
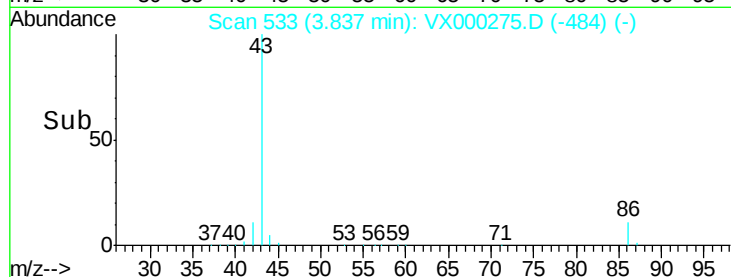
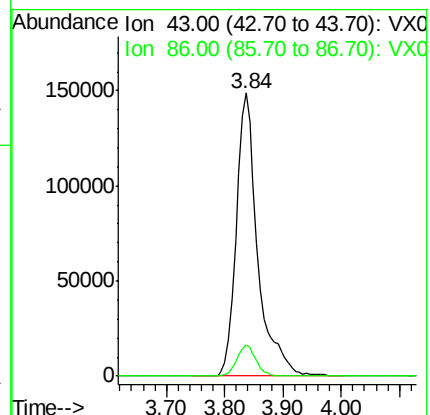
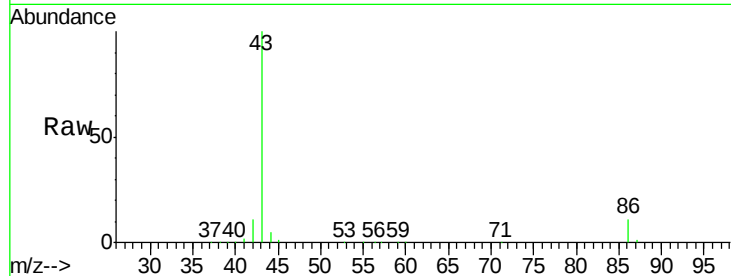
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 380653

Ion Ratio Lower Upper

43 100

86 10.9 8.5 12.7



#24

1,1-Dichloroethane

Concen: 20.58 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

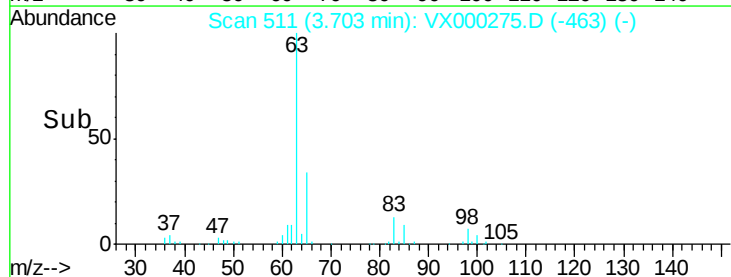
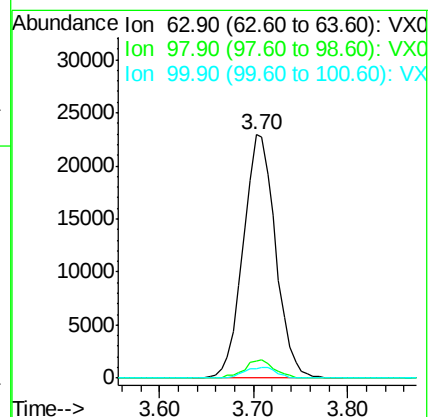
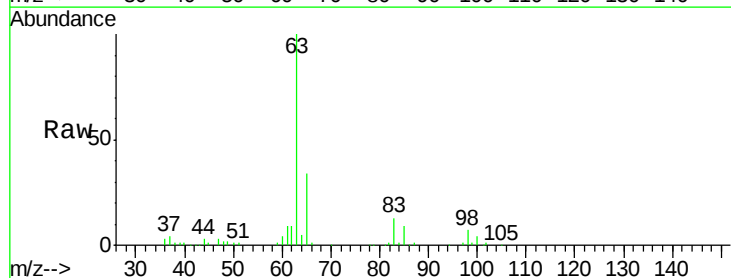
Tgt Ion: 63 Resp: 54936

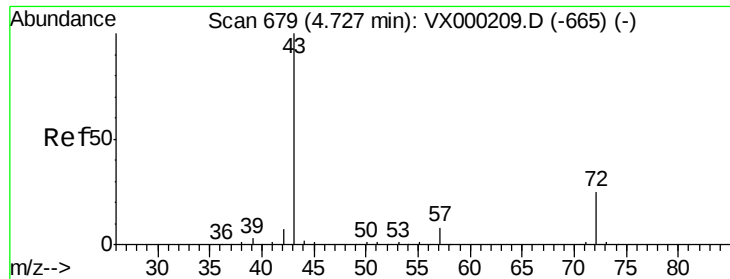
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 4.0 2.2 6.6





#25

2-Butanone

Concen: 99.70 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

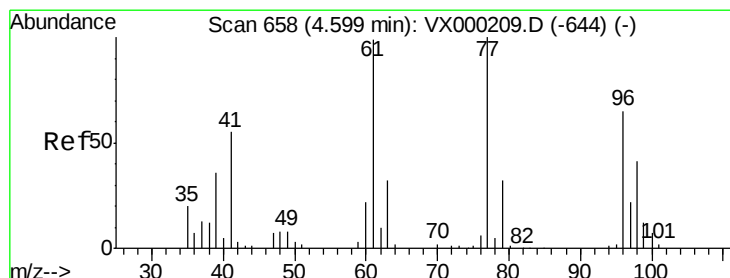
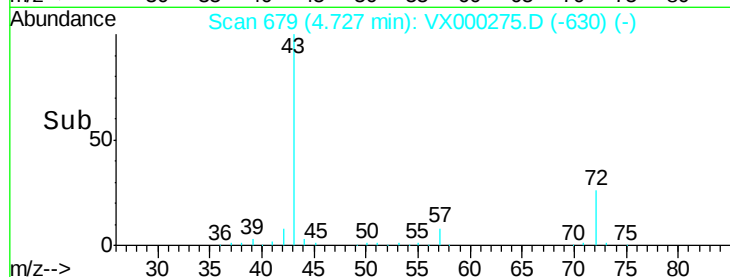
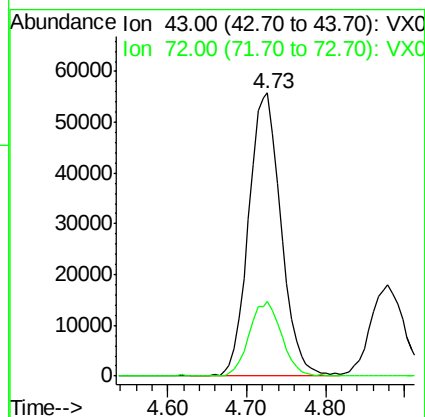
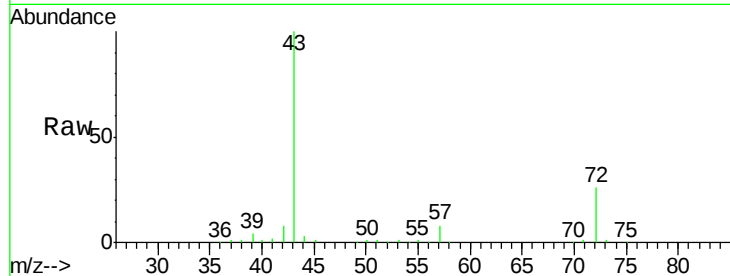
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 159394

Ion Ratio Lower Upper

43 100

72 26.1 20.2 30.2



#26

2,2-Dichloropropane

Concen: 20.24 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000275.D

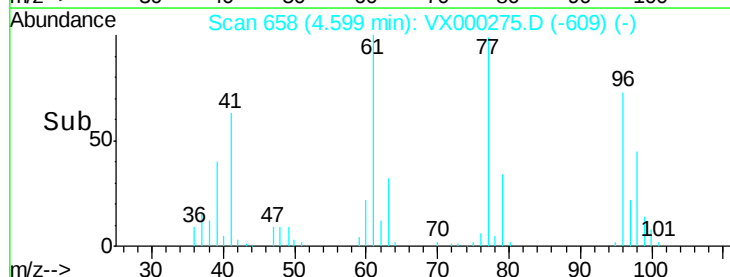
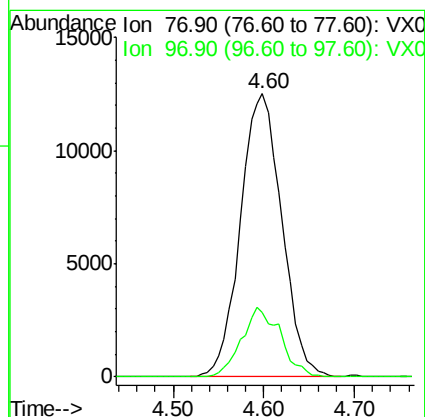
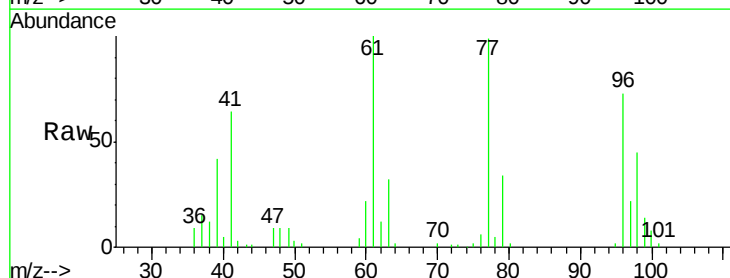
Acq: 12 Mar 2018 13:23

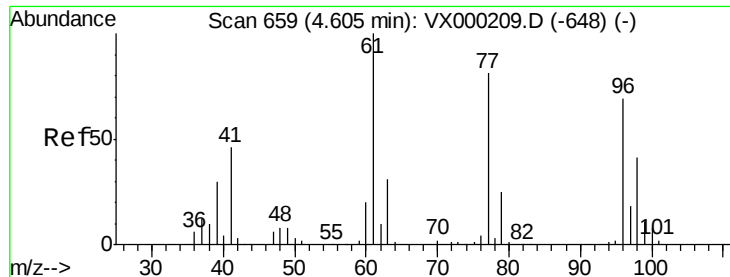
Tgt Ion: 77 Resp: 39490

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



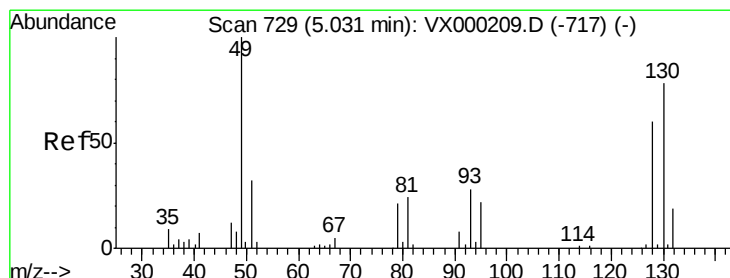
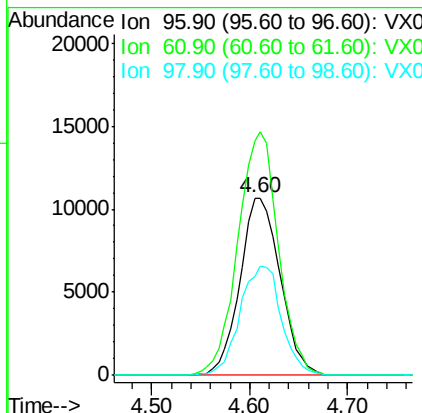
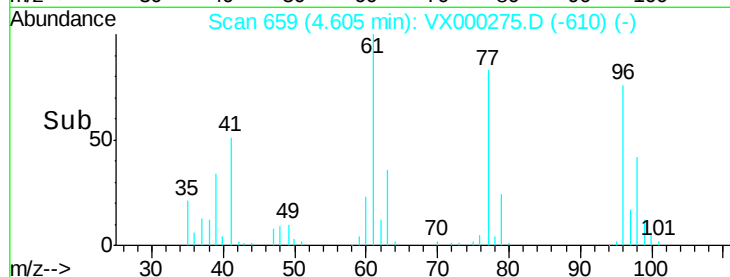
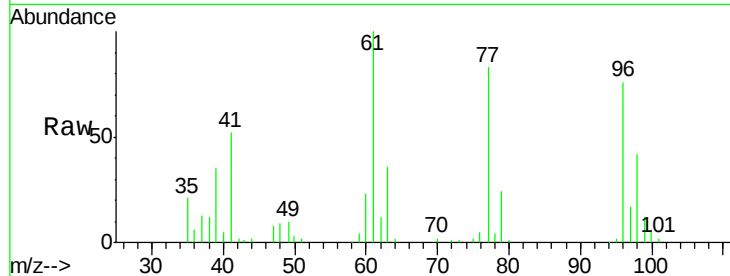


#27

cis-1,2-Dichloroethene
Concen: 21.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :

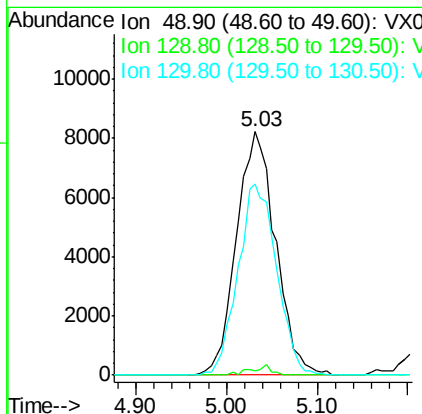
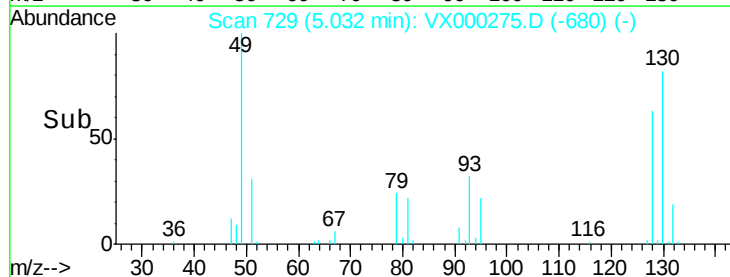
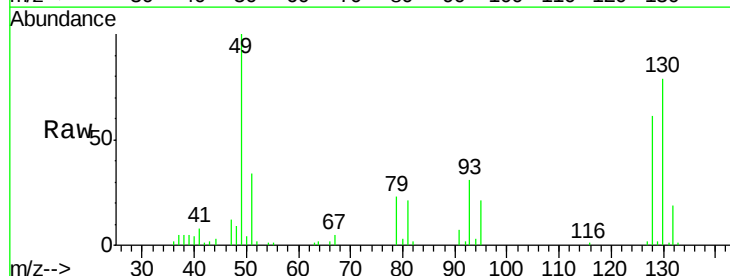
Tot Ion: 96 Resp: 30504
Ion Ratio Lower Upper
96 100
61 137.5 0.0 296.4
98 63.1 0.0 130.6

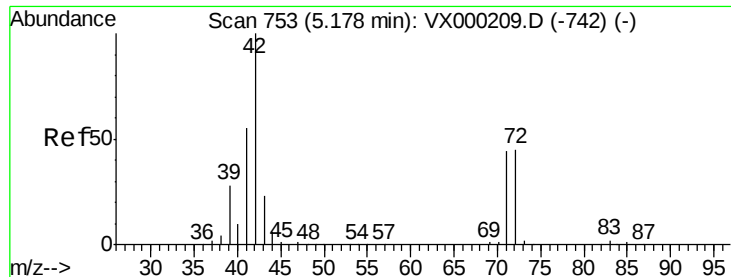


#28

Bromochloromethane
Concen: 21.61 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 49 Resp: 24516
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 77.6 63.5 95.3

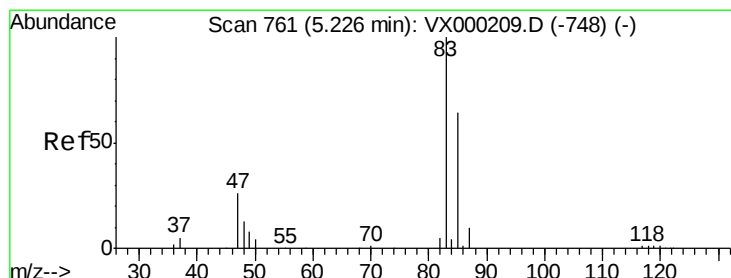
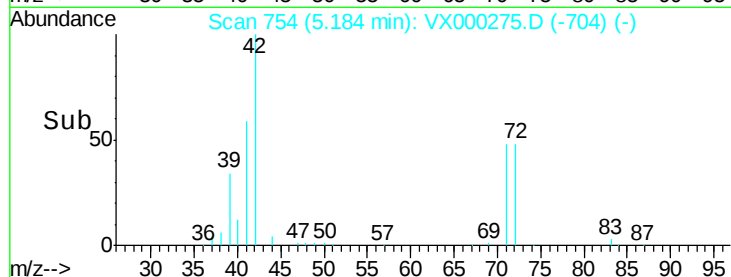
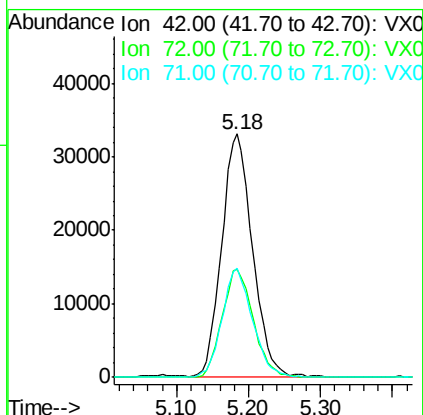
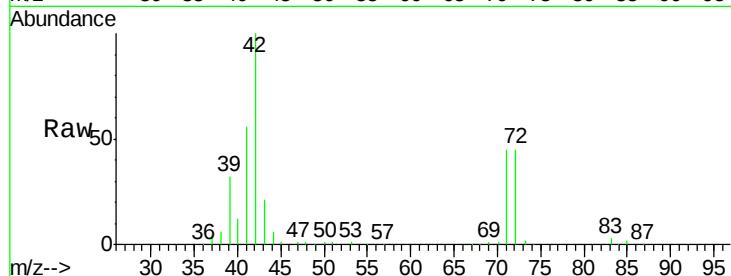




#29
Tetrahydrofuran
Concen: 97.75 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

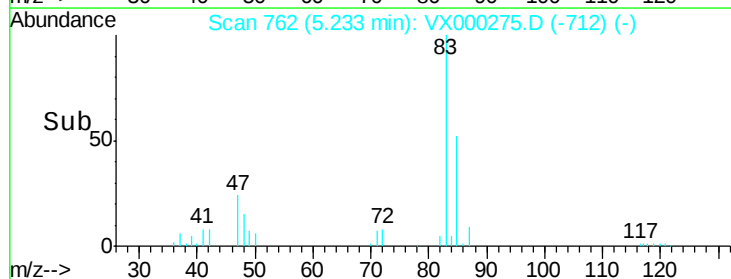
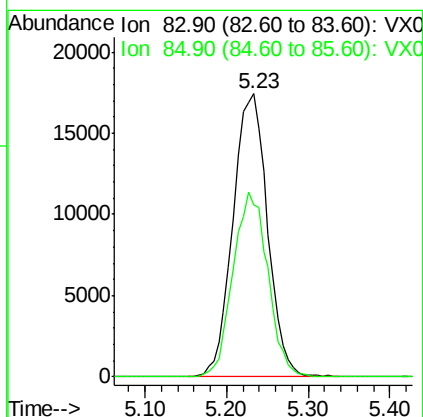
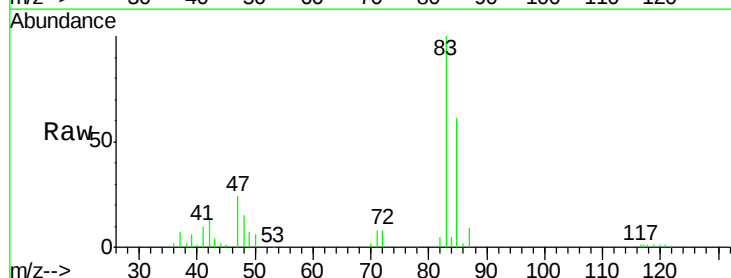
Instrument :
MSVOA_X
ClientSampled :

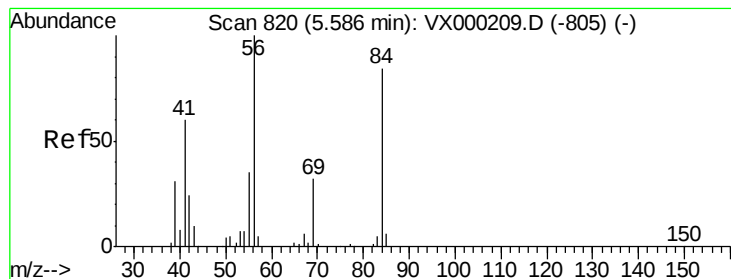
Tot Ion: 42 Resp: 98152
Ion Ratio Lower Upper
42 100
72 45.1 37.3 55.9
71 44.4 35.0 52.4



#30
Chloroform
Concen: 19.81 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 83 Resp: 51123
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.6





#31

Cyclohexane

Concen: 19.93 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

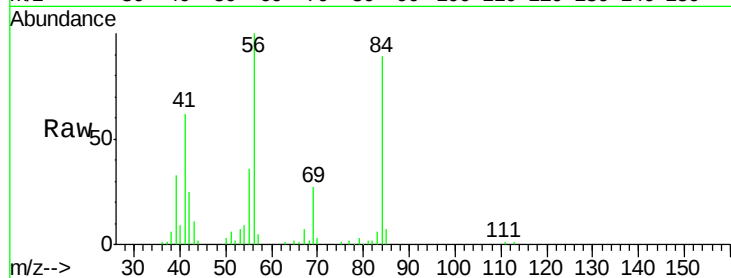
Tot Ion: 56 Resp: 39347

Ion Ratio Lower Upper

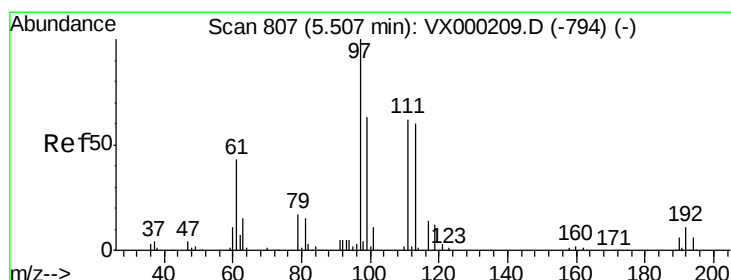
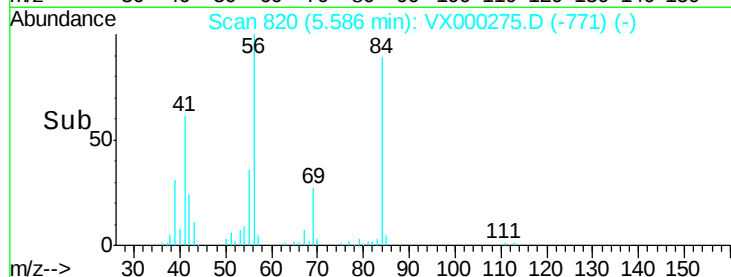
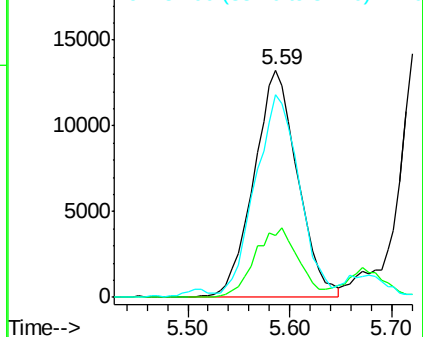
56 100

69 27.0 25.3 37.9

84 87.0 67.2 100.8



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



#32

1,1,1-Trichloroethane

Concen: 20.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

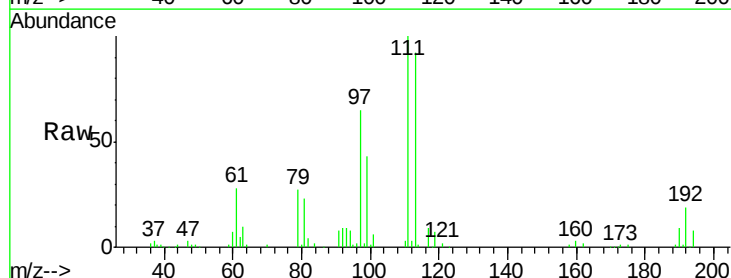
Tgt Ion: 97 Resp: 45211

Ion Ratio Lower Upper

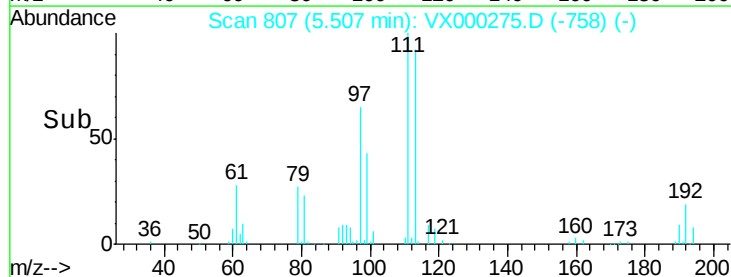
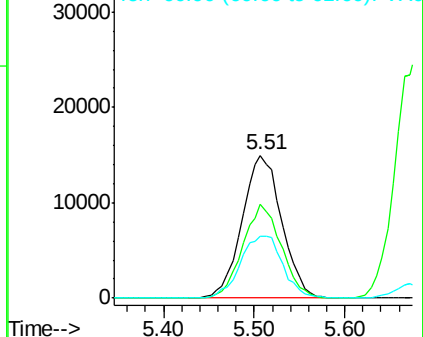
97 100

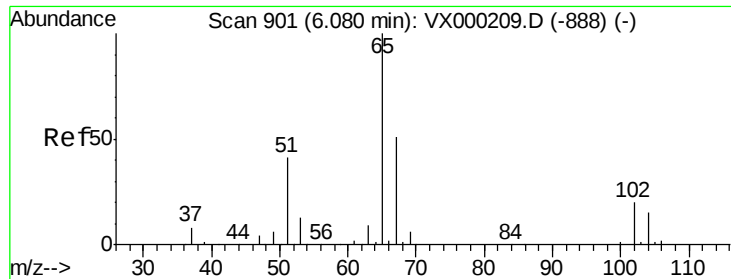
99 64.0 50.9 76.3

61 46.7 35.4 53.0



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

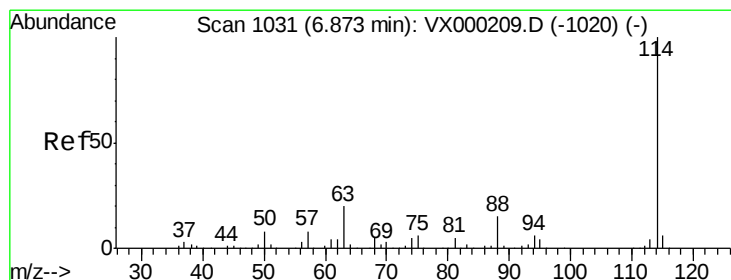
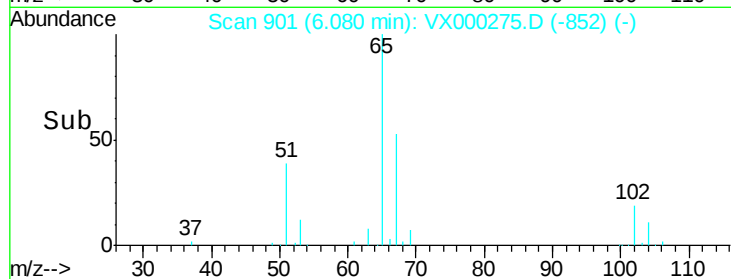
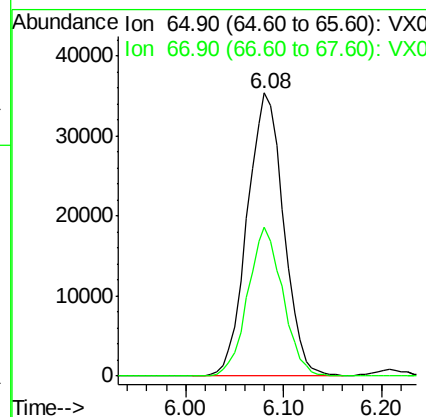
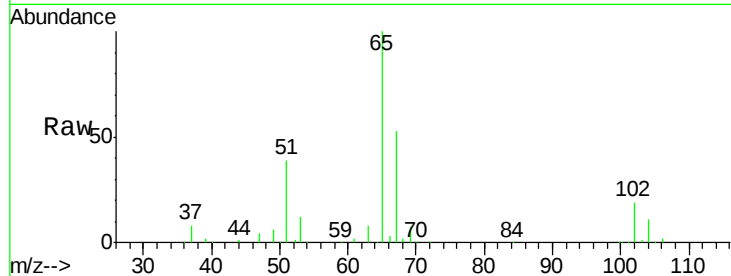




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

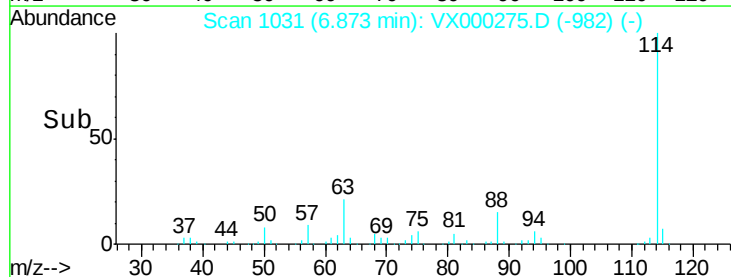
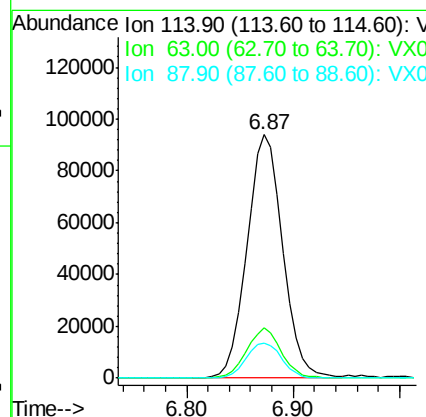
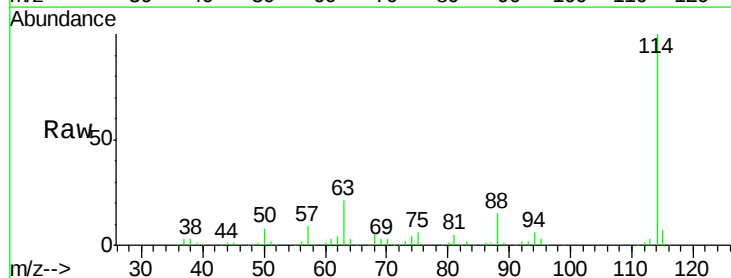
Instrument :
 MSVOA_X
 ClientSampleId :

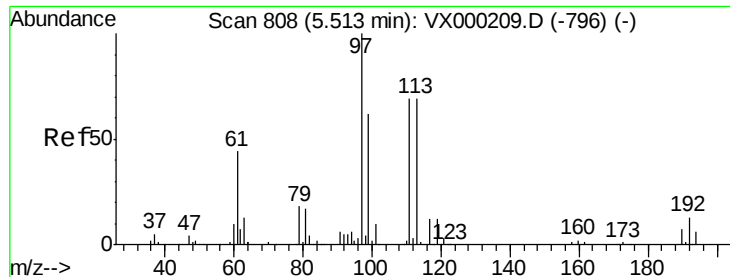
Tot Ion: 65 Resp: 91375
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 114 Resp: 221507
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.10 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

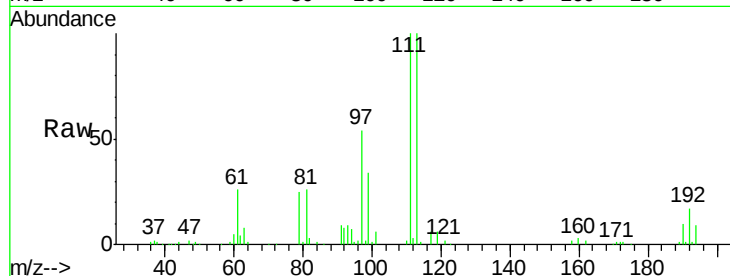
Tot Ion:113 Resp: 69717

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

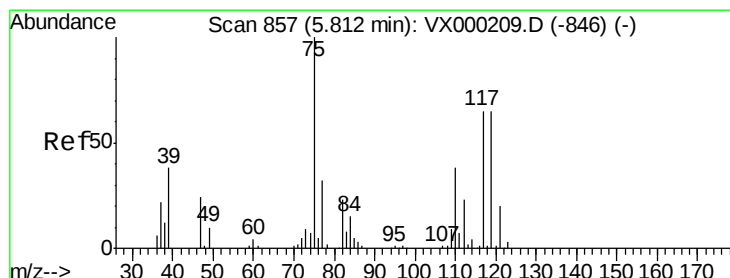
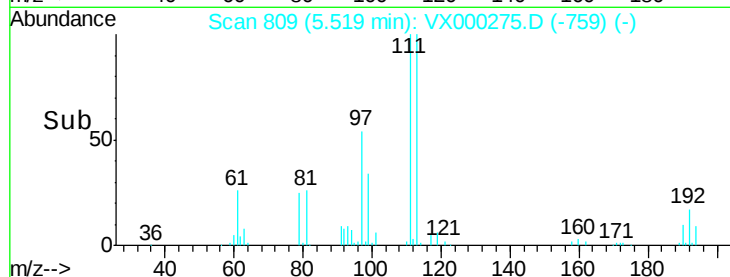
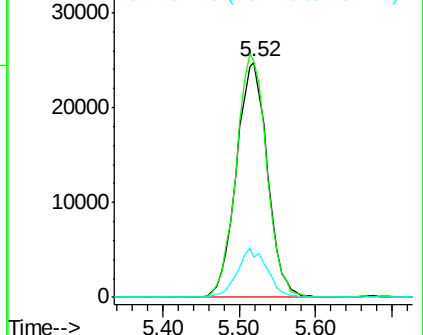
192 19.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.98 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

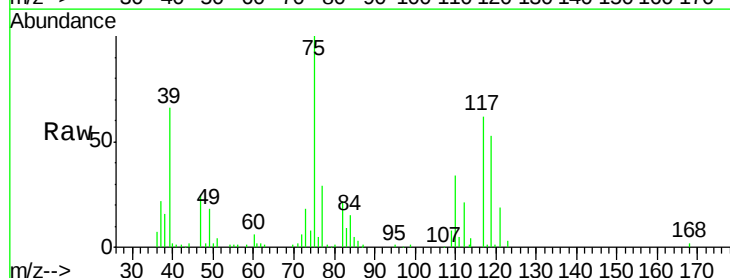
Tgt Ion: 75 Resp: 37400

Ion Ratio Lower Upper

75 100

110 35.3 17.8 53.5

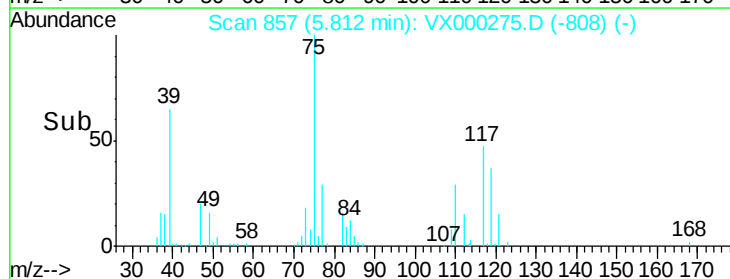
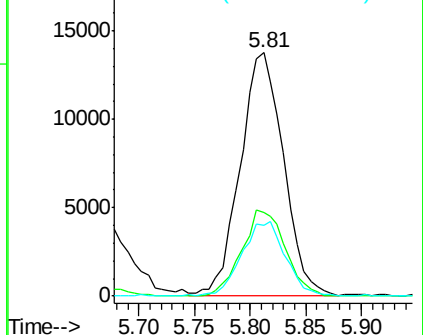
77 30.8 24.9 37.3

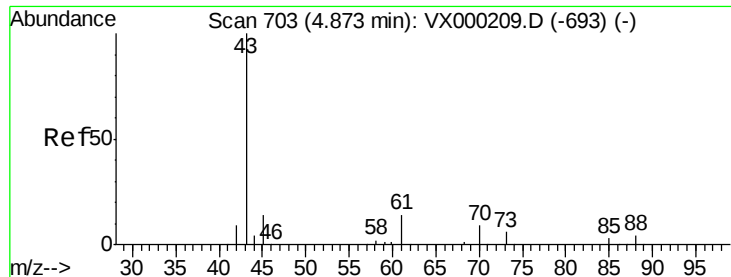


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.74 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampled :

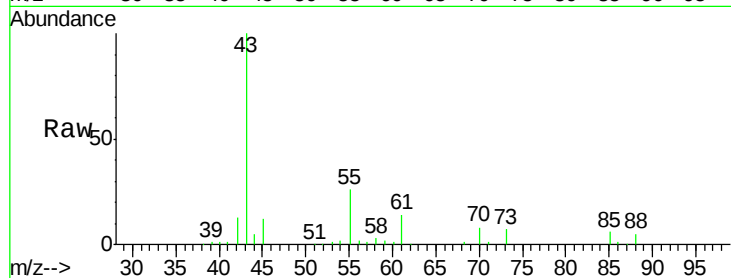
Tot Ion: 43 Resp: 53376

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

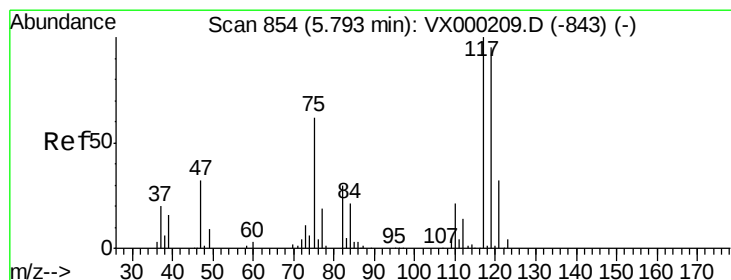
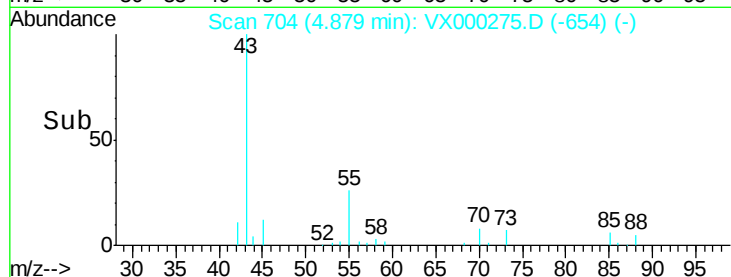
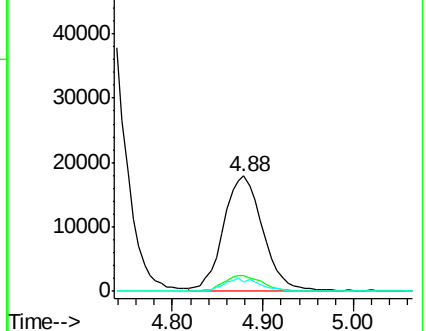
70 10.2 7.8 11.6



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

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

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



#38

Carbon Tetrachloride

Concen: 19.29 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

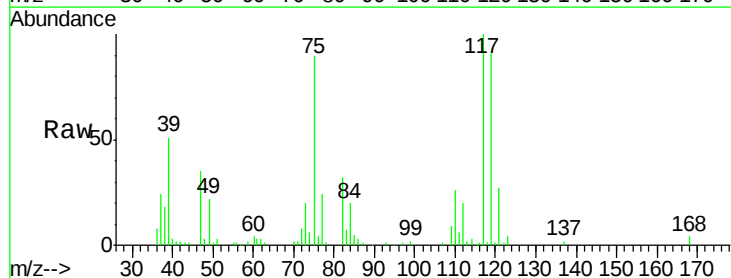
Tgt Ion: 117 Resp: 38480

Ion Ratio Lower Upper

117 100

119 90.8 75.9 113.9

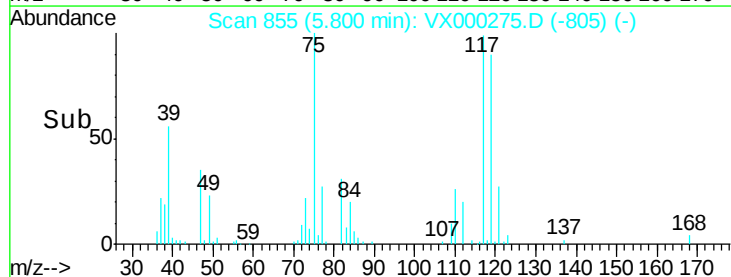
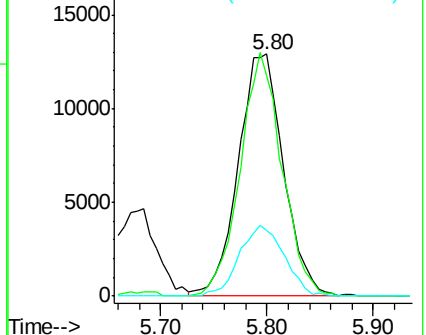
121 27.2 25.8 38.6

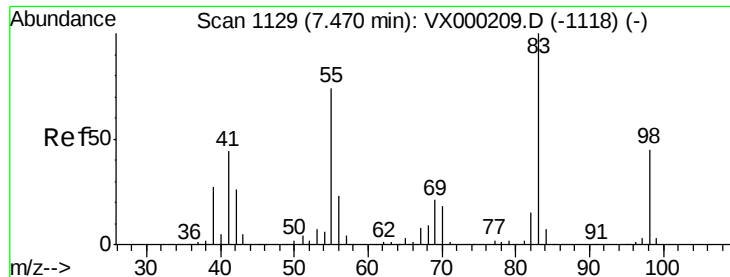


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-843) (-)

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

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

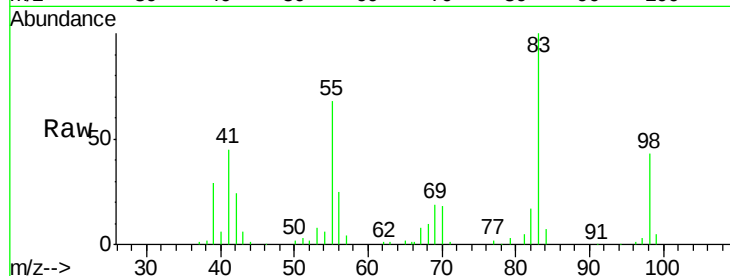




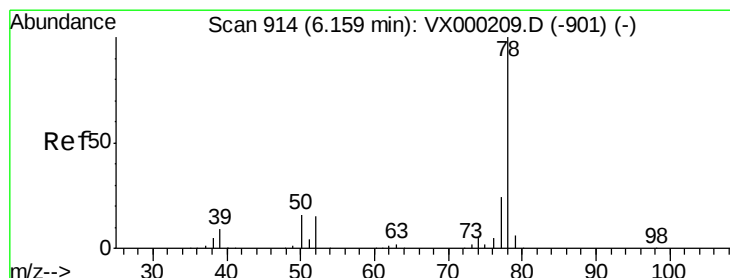
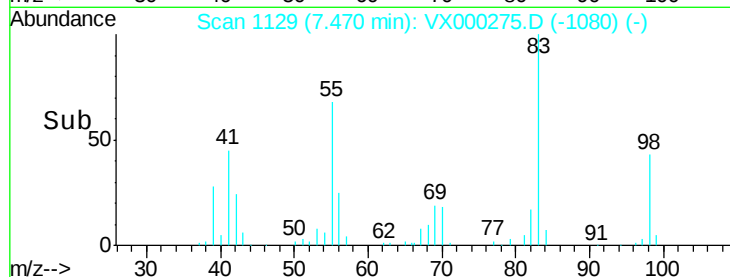
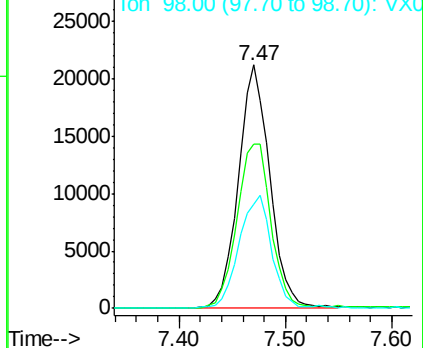
#39
Methvlcvclohexane
Concen: 18.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 44190
Ion Ratio Lower Upper
83 100
55 67.7 59.4 89.0
98 42.9 36.3 54.5

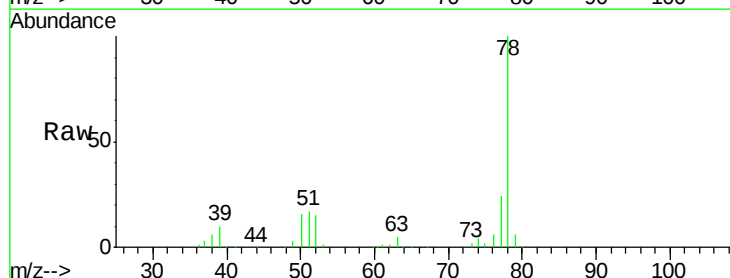


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

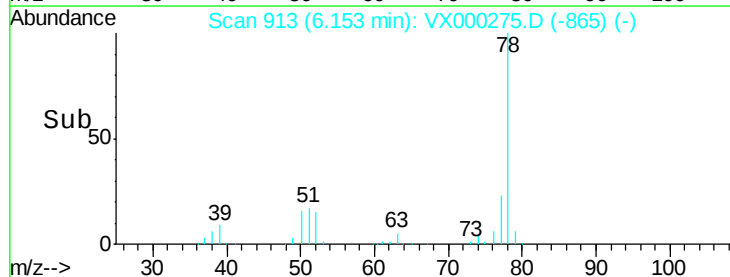
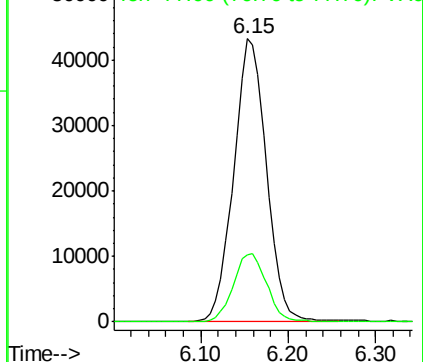


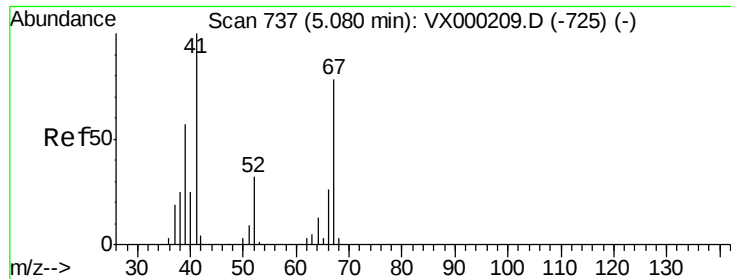
#40
Benzene
Concen: 19.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 78 Resp: 112624
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



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

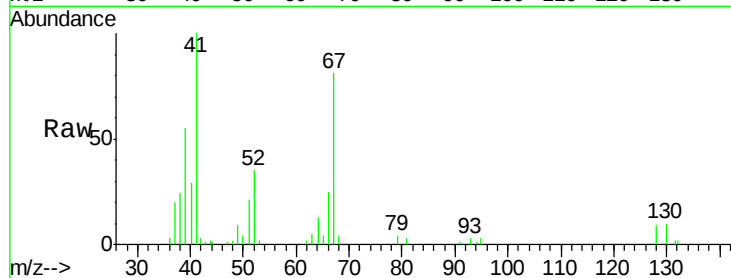




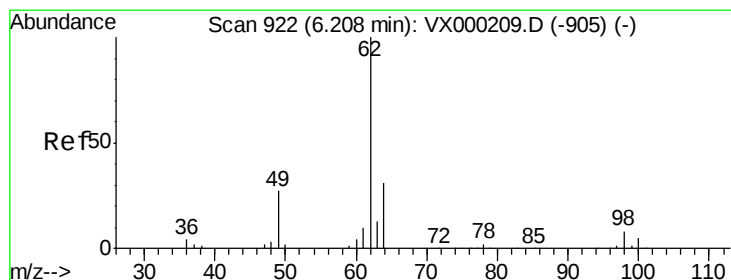
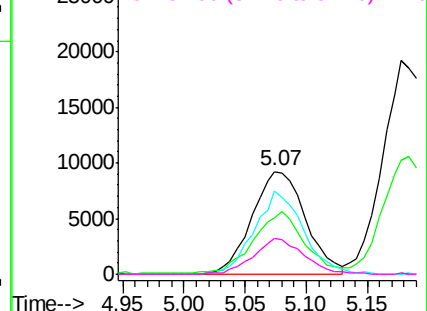
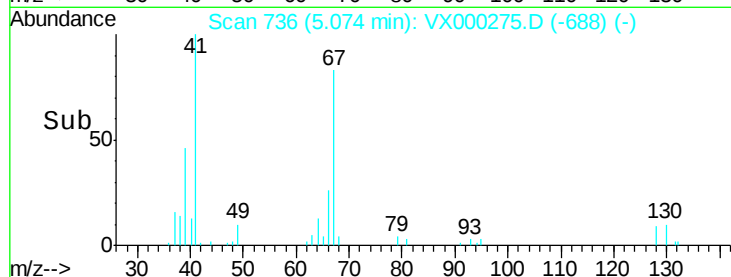
#41
Methacrylonitrile
Concen: 19.33 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	28072
Ion	Ratio	Lower	Upper
41	100		
39	56.8	47.8	71.6
67	74.3	59.3	88.9
52	32.9	26.4	39.6

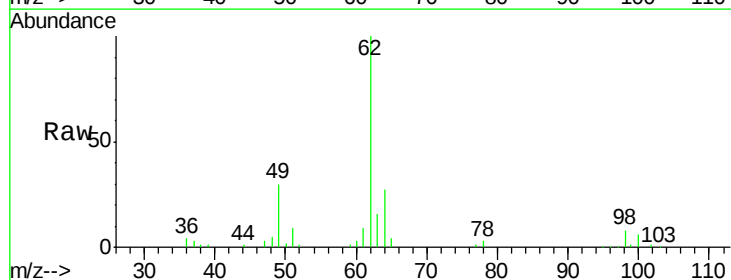


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

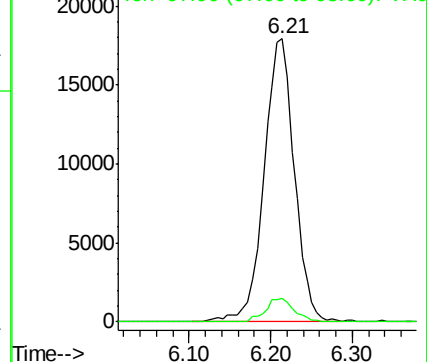
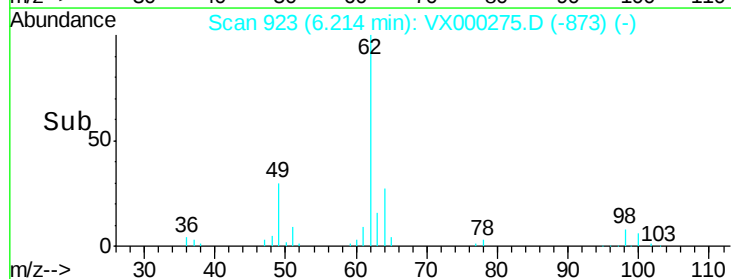


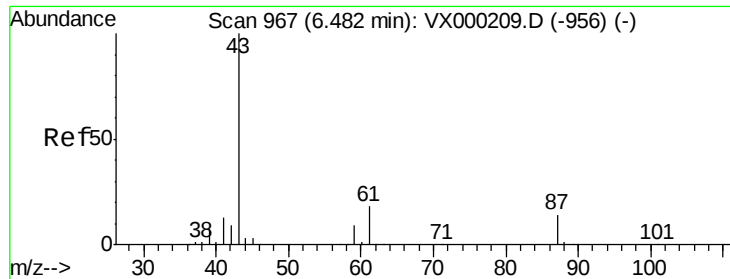
#42
1,2-Dichloroethane
Concen: 20.78 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:	62	Resp:	46327
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



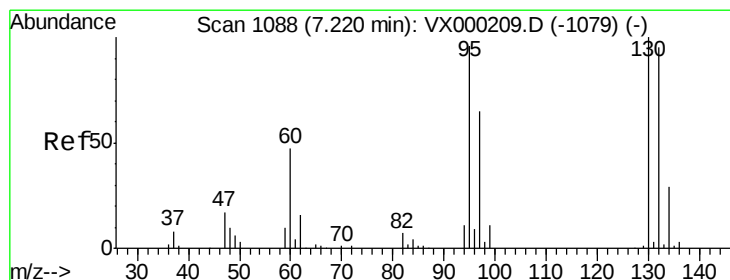
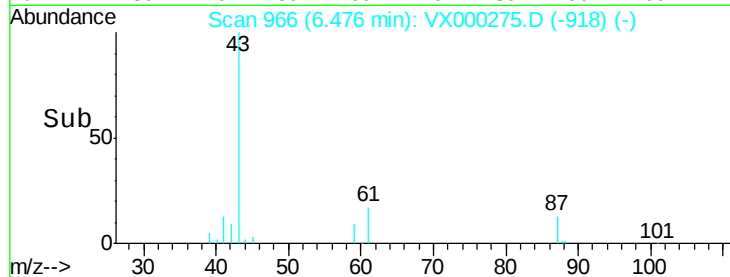
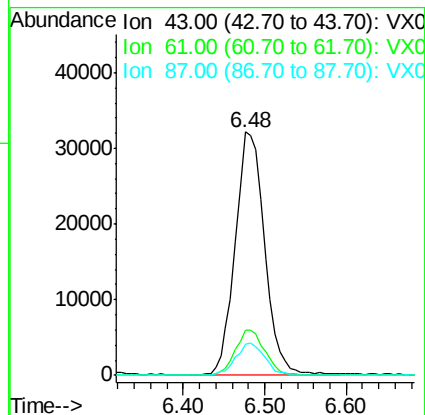
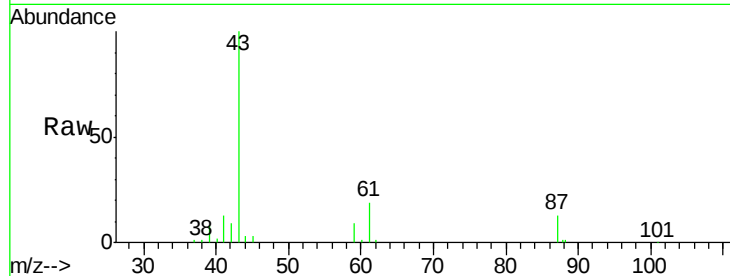


#43

Isopropyl Acetate
 Concen: 19.51 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampled :

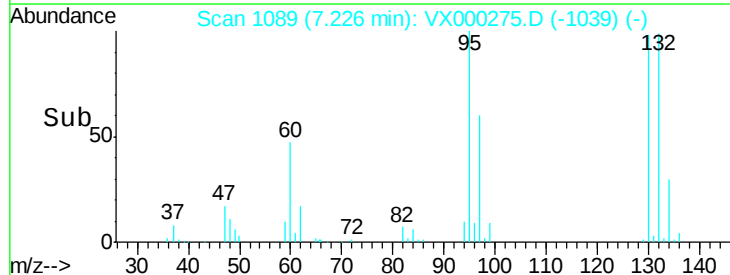
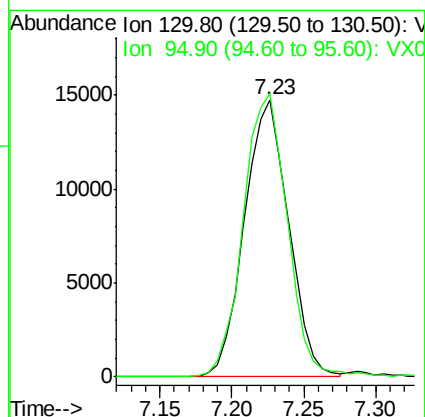
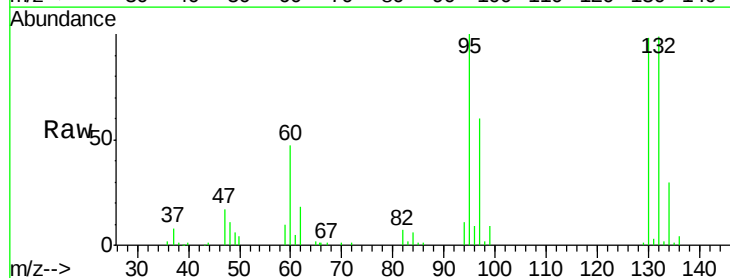
Tot Ion	43	Resp	80342
Ion Ratio	Lower	Upper	
43	100		
61	18.6	14.8	22.2
87	13.0	10.6	16.0

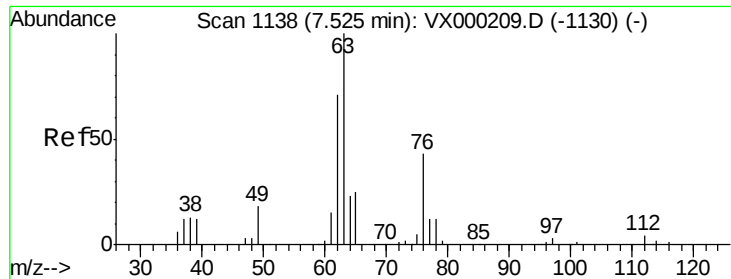


#44

Trichloroethene
 Concen: 19.24 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	130	Resp	31309
Ion Ratio	Lower	Upper	
130	100		
95	102.2	0.0	191.8

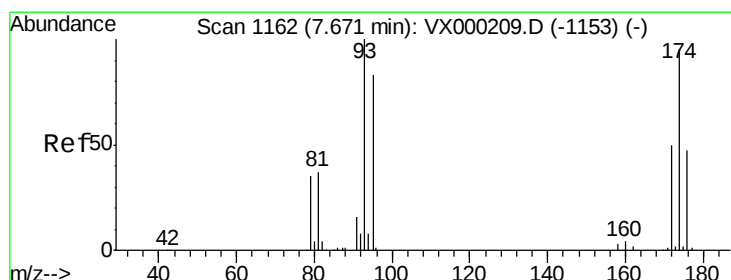
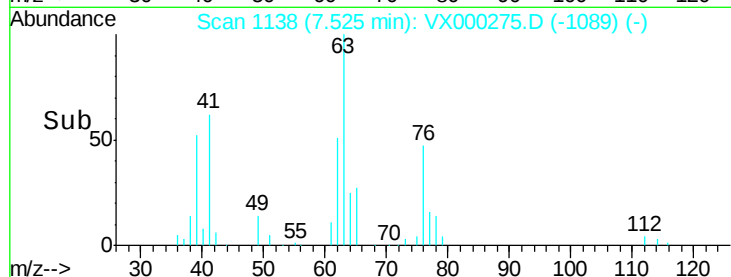
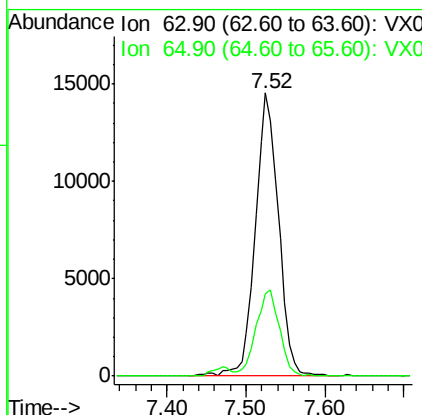
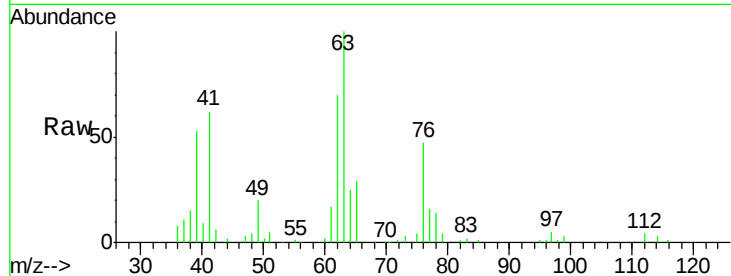




#45
 1,2-Dichloropropane
 Concen: 20.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

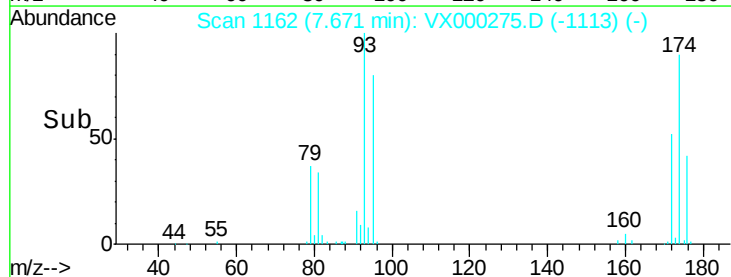
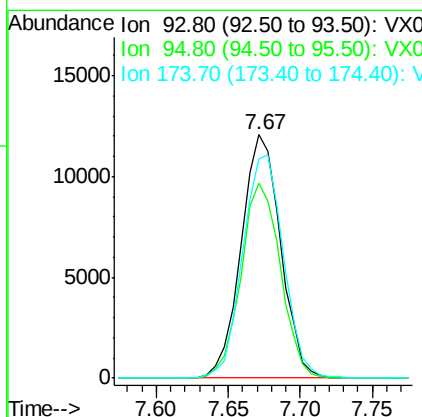
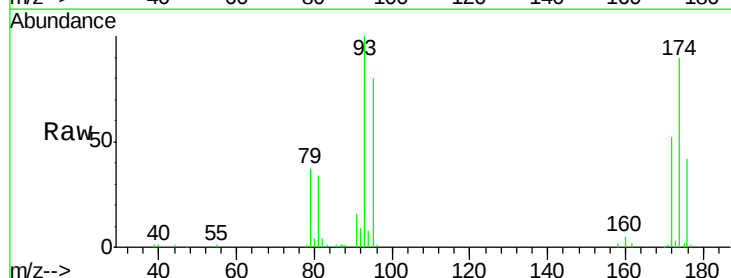
Instrument :
 MSVOA_X
 ClientSampleId :

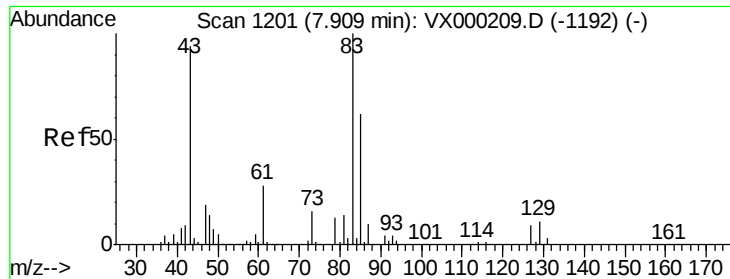
Tot Ion: 63 Resp: 29699
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.3 33.5



#46
 Dibromomethane
 Concen: 20.07 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 93 Resp: 22855
 Ion Ratio Lower Upper
 93 100
 95 79.8 64.1 96.1
 174 94.6 75.8 113.8





#47

Bromodichloromethane

Concen: 19.66 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

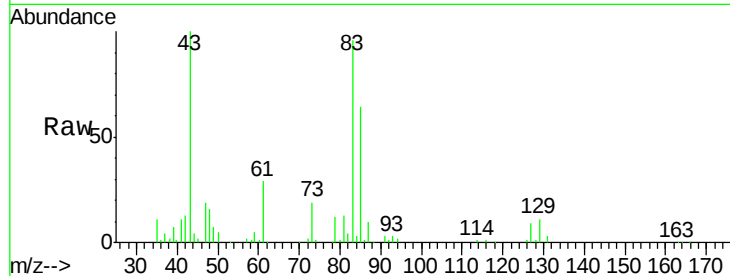
Tot Ion: 83 Resp: 39394

Ion Ratio Lower Upper

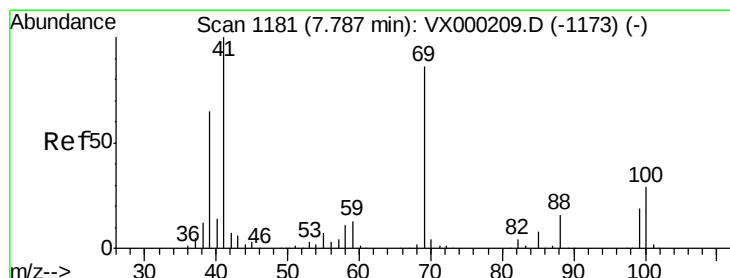
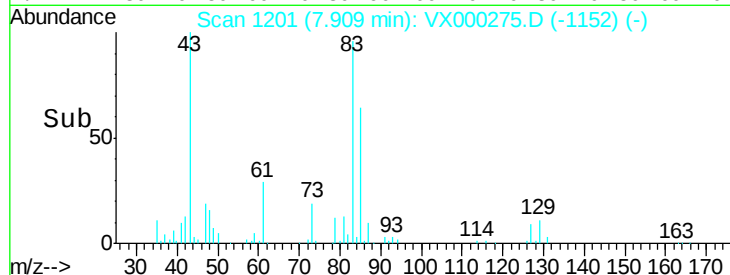
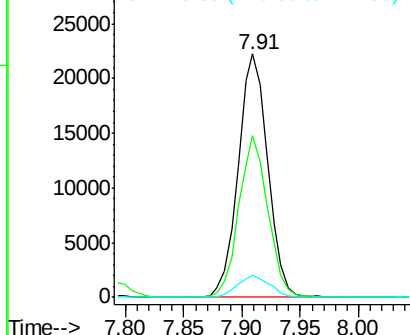
83 100

85 66.3 49.6 74.4

127 9.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.33 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

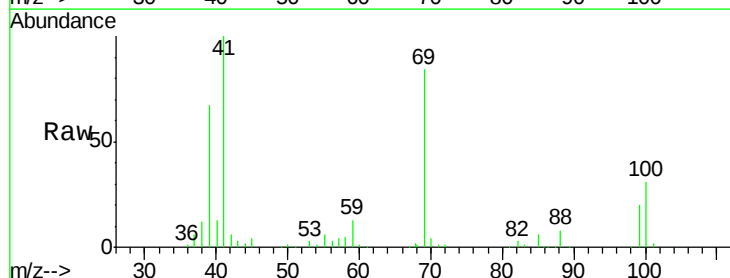
Tgt Ion: 41 Resp: 39210

Ion Ratio Lower Upper

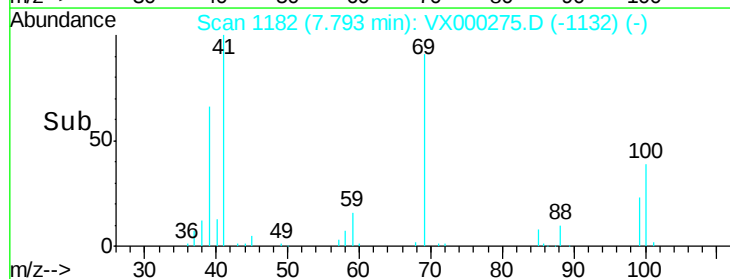
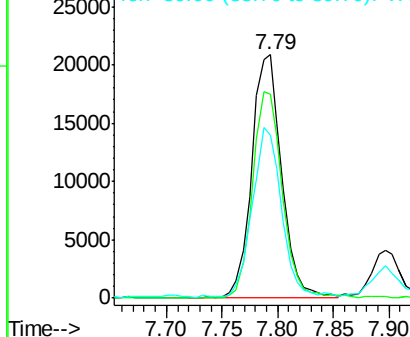
41 100

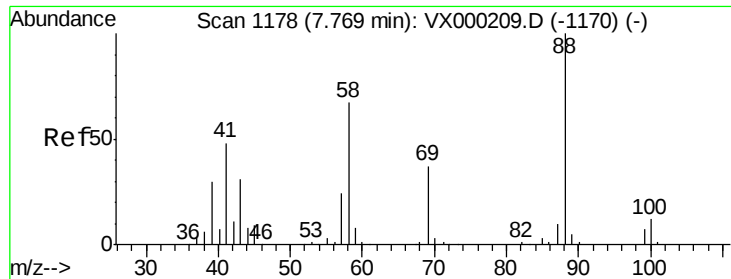
69 84.8 70.0 105.0

39 67.3 53.6 80.4



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

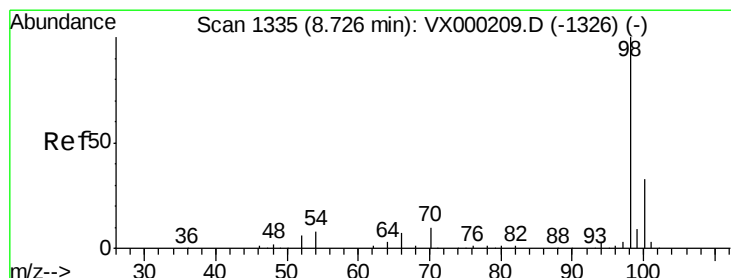
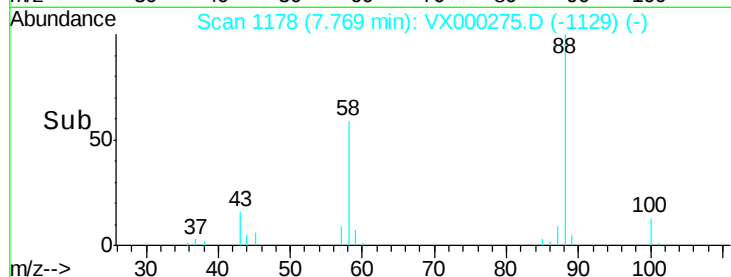
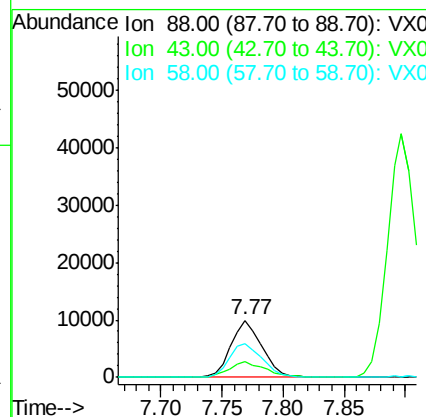
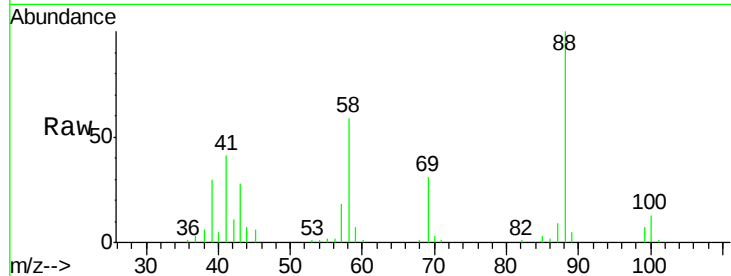




#49
1,4-Dioxane
Concen: 377.87 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

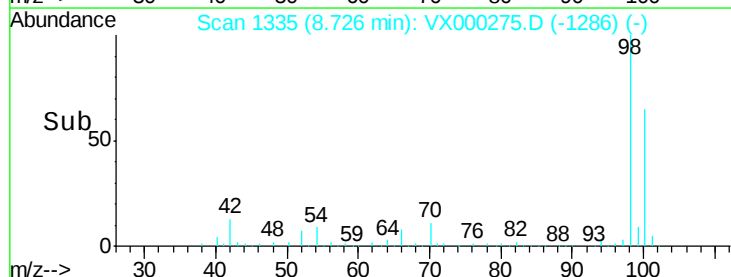
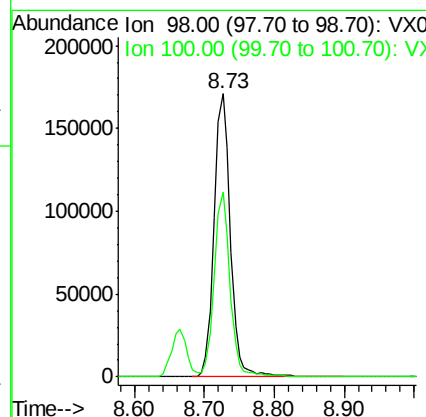
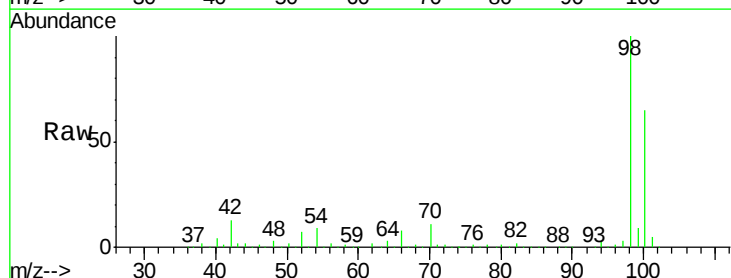
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 17400
Ion Ratio Lower Upper
88 100
43 32.9 26.9 40.3
58 63.8 52.2 78.4



#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 98 Resp: 279012
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 99.22 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

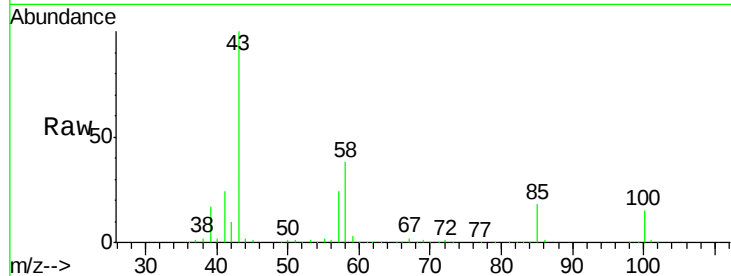
ClientSampleId :

Tot Ion: 43 Resp: 308396

Ion Ratio Lower Upper

43 100

58 36.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

200000

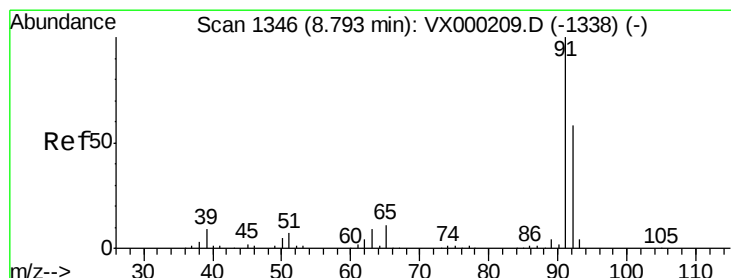
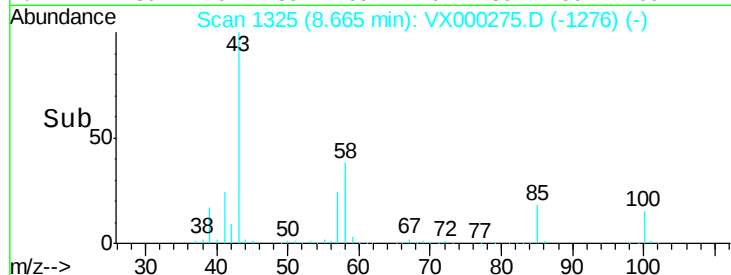
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.59 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000275.D

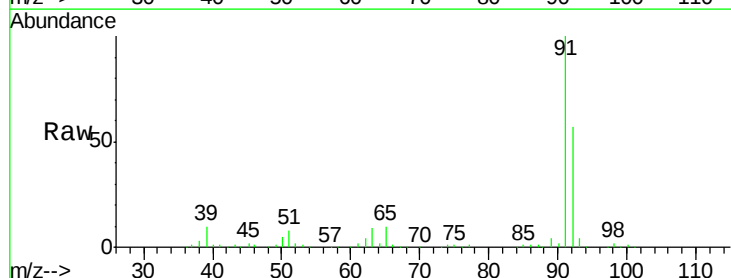
Acq: 12 Mar 2018 13:23

Tgt Ion: 92 Resp: 76316

Ion Ratio Lower Upper

92 100

91 179.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

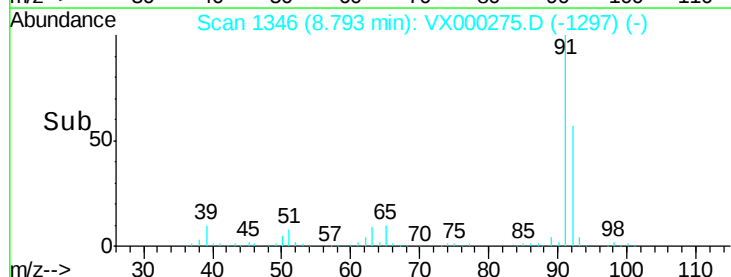
60000

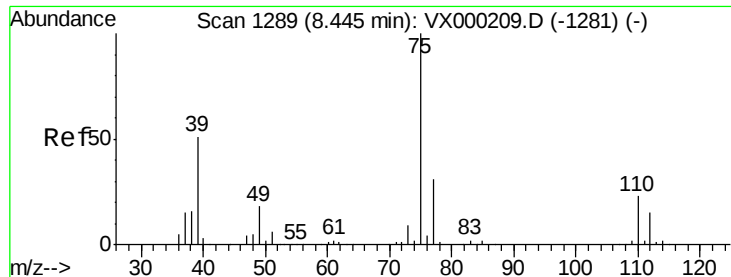
40000

20000

0

Time-->

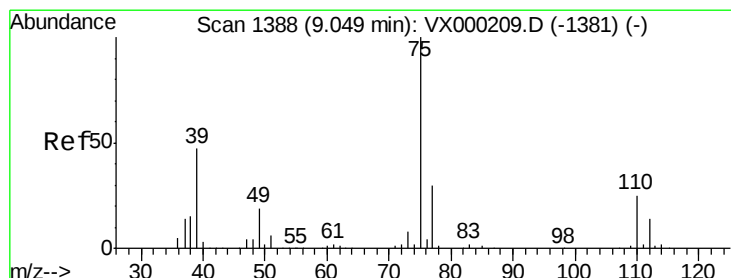
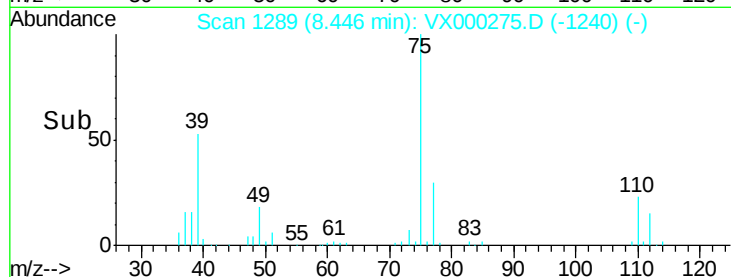
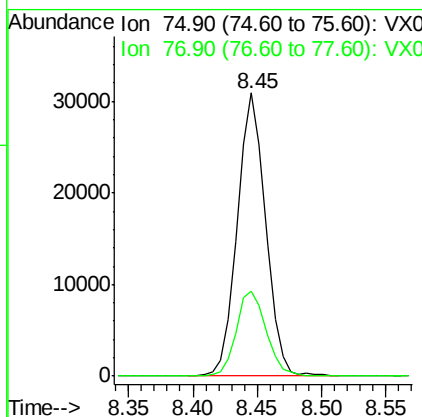
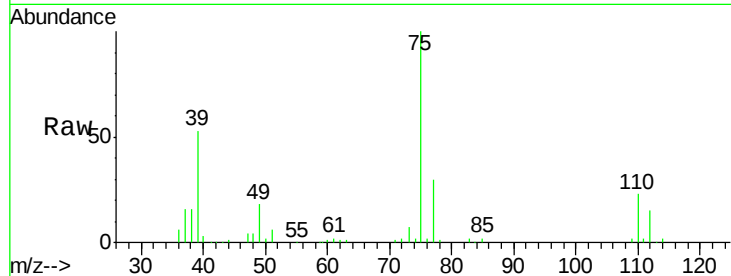




#53
t-1,3-Dichloropropene
Concen: 19.96 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

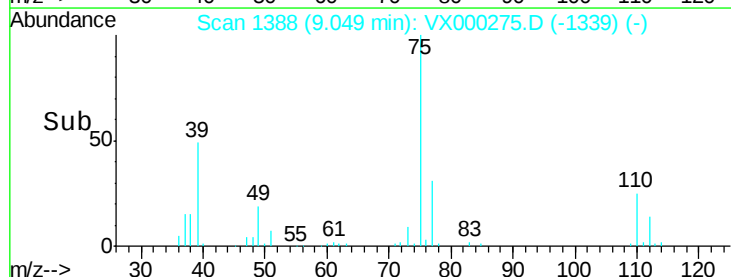
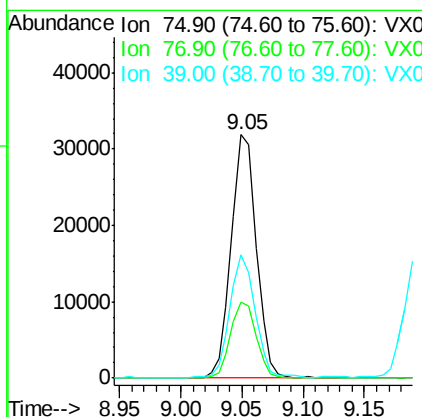
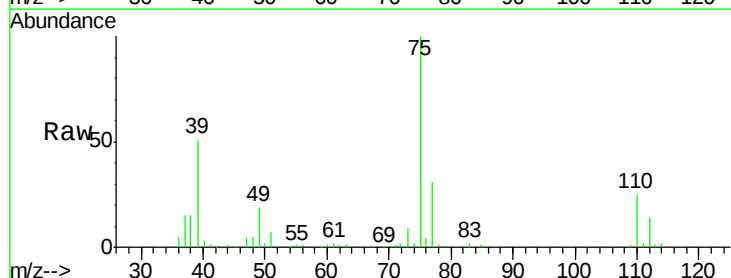
Instrument :
MSVOA_X
ClientSampleId :

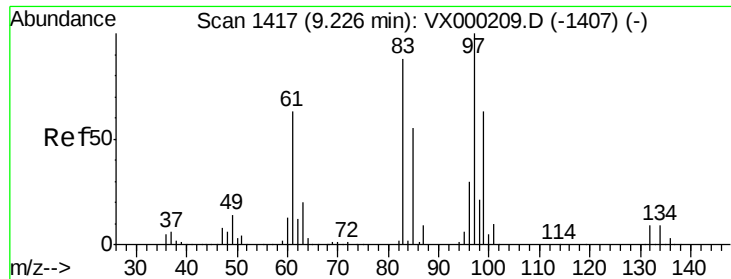
Tot Ion: 75 Resp: 47130
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.82 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 75 Resp: 45277
Ion Ratio Lower Upper
75 100
77 31.4 23.9 35.9
39 50.2 37.4 56.2

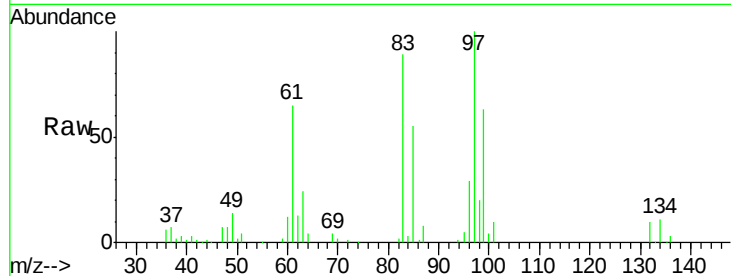




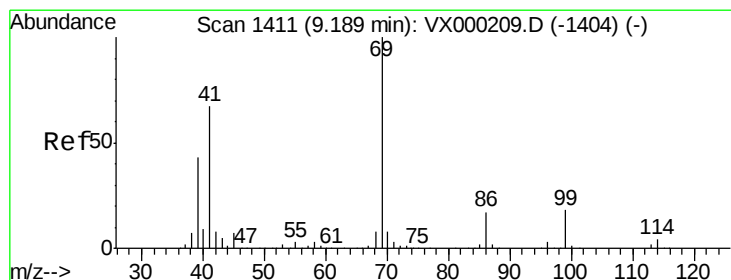
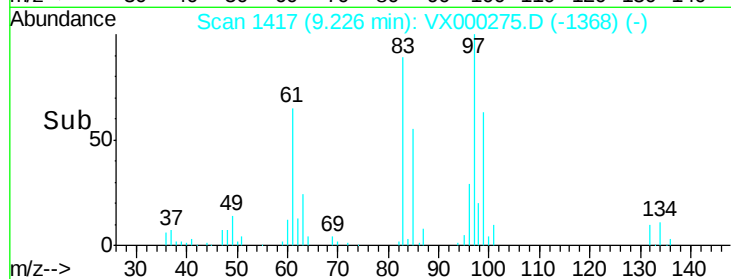
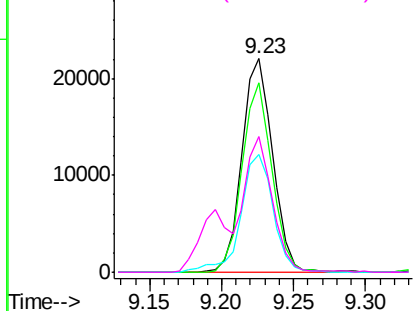
#55
 1,1,2-Trichloroethane
 Concen: 20.65 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	32593
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.4	105.6
85	55.2	43.9	65.9
99	63.0	50.5	75.7

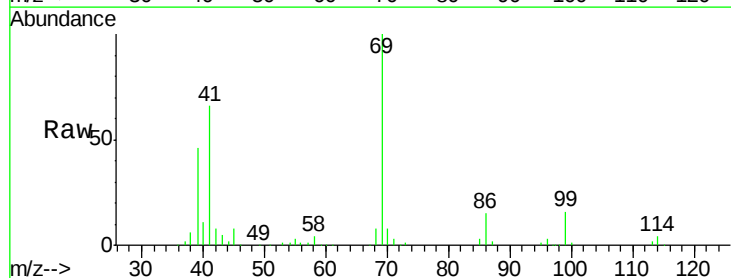


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

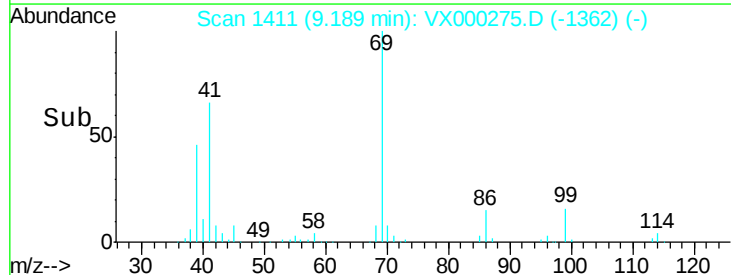
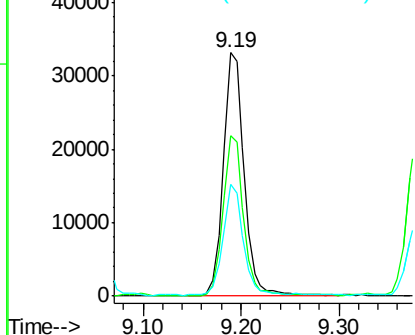


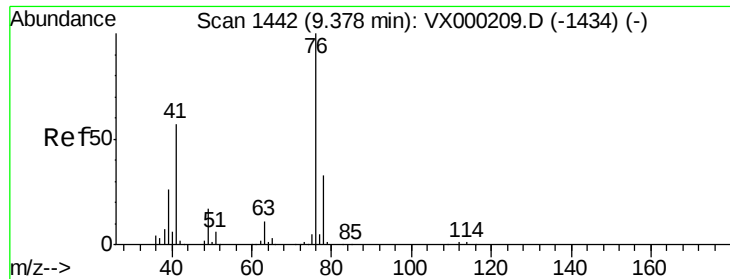
#56
 Ethyl methacrylate
 Concen: 20.78 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion:	69	Resp:	49076
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.2	78.2
39	43.2	34.3	51.5



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

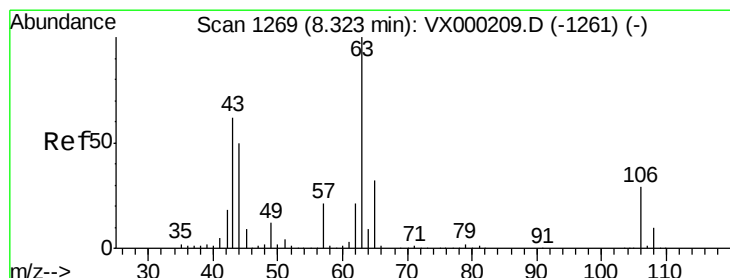
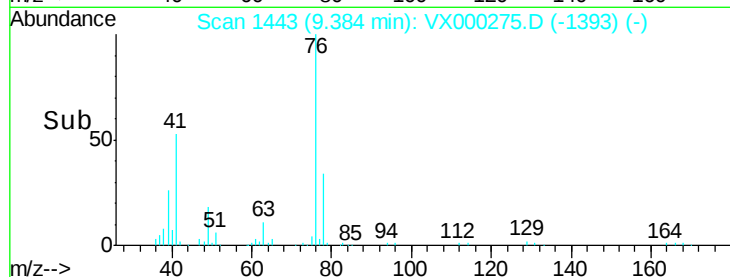
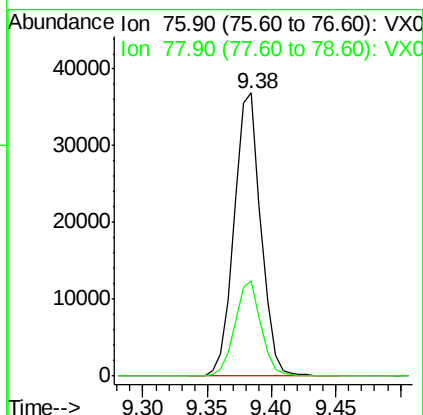
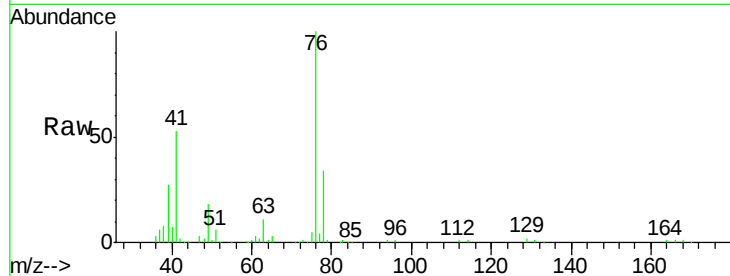




#57
 1,3-Dichloropropane
 Concen: 20.16 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

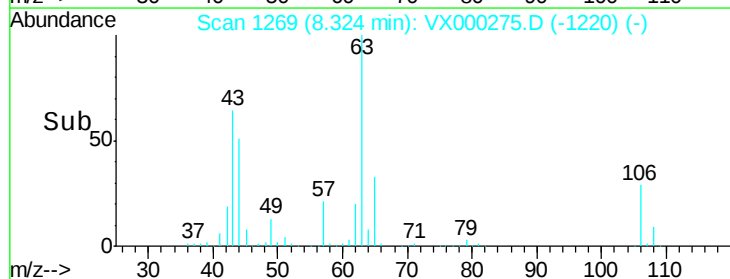
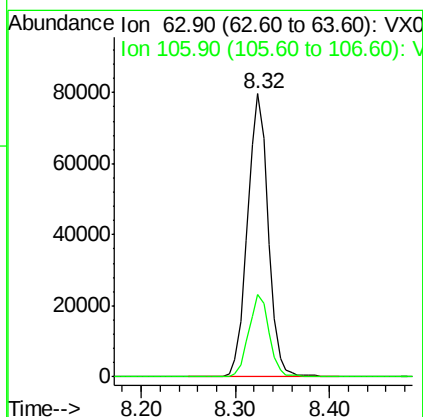
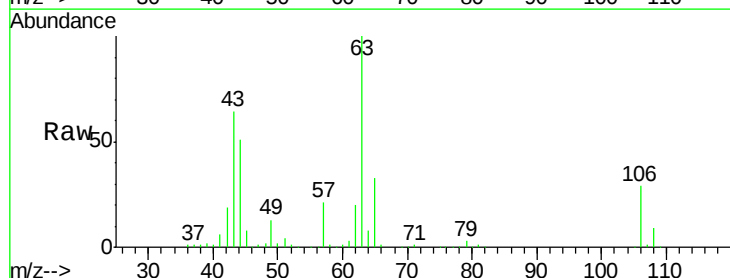
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 76 Resp: 53415
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.53 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 63 Resp: 123437
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

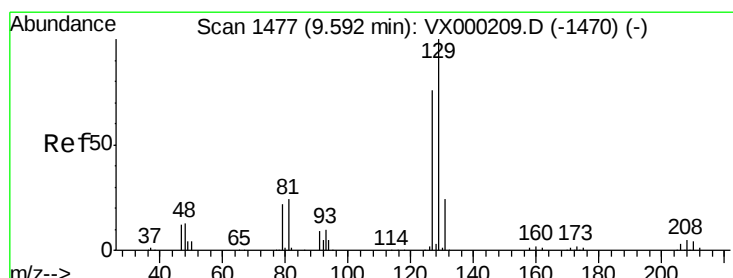
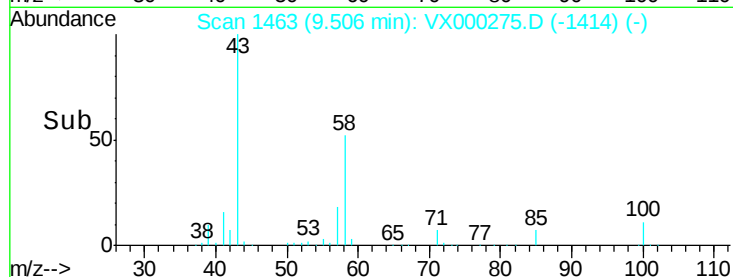
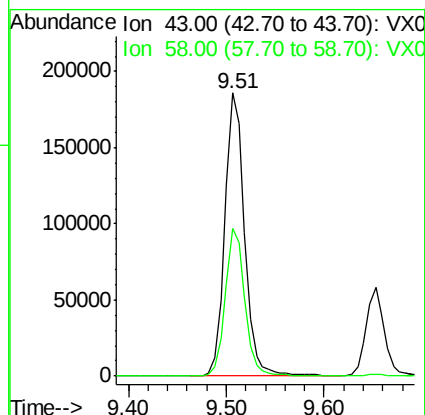
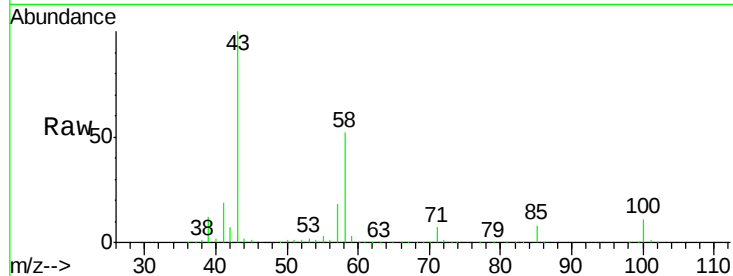




#59
2-Hexanone
Concen: 98.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

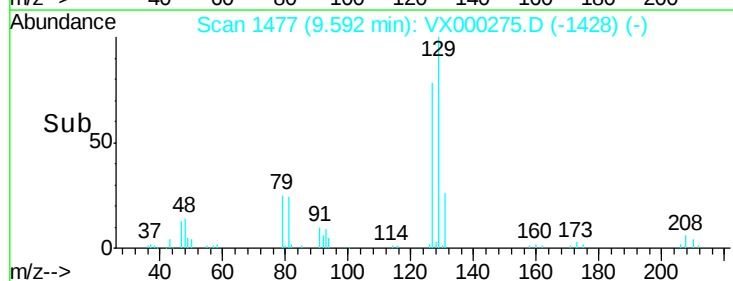
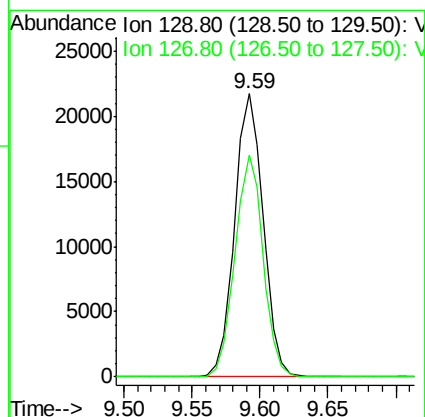
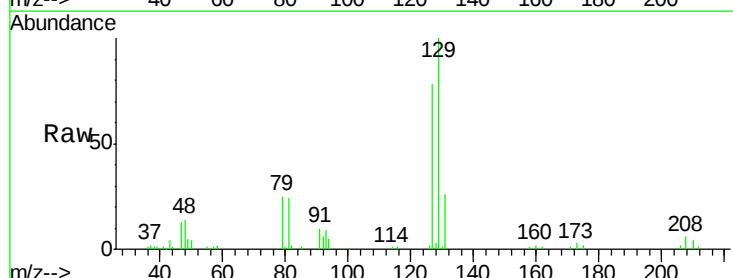
Instrument :
MSVOA_X
ClientSampled :

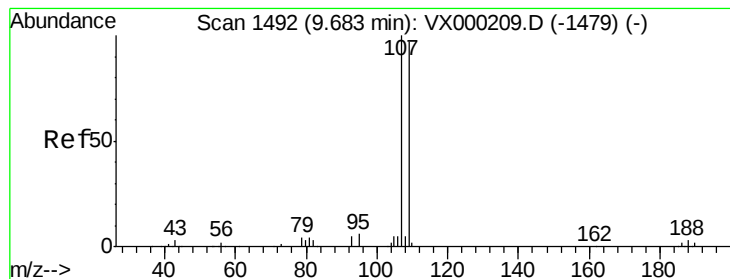
Tot Ion: 43 Resp: 260309
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 19.08 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:129 Resp: 31738
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.02 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

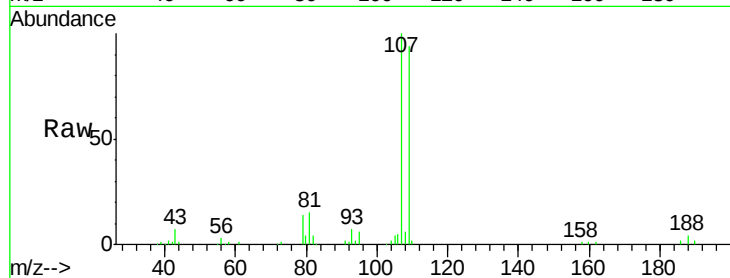
ClientSampled :

Tot Ion:107 Resp: 35079

Ion Ratio Lower Upper

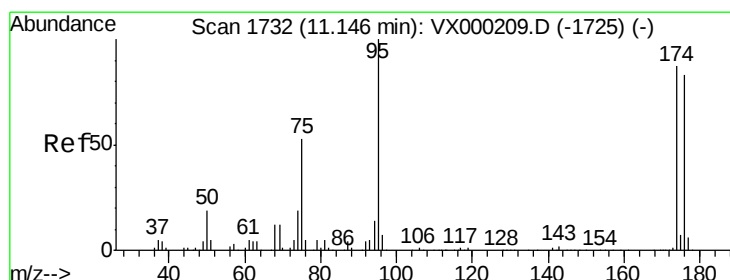
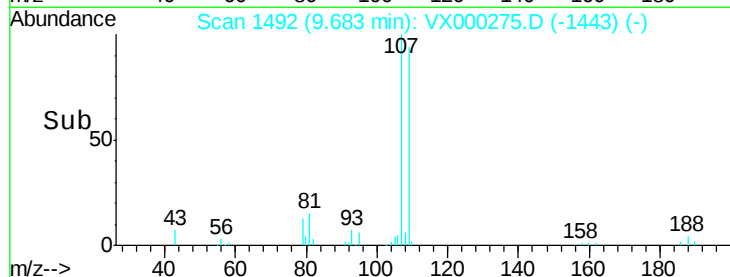
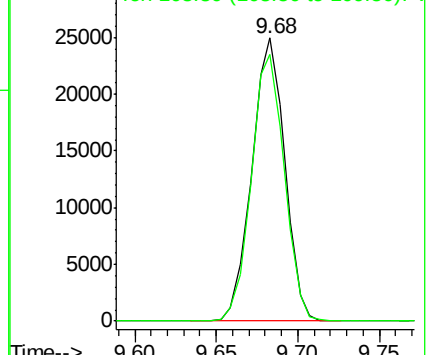
107 100

109 94.8 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.52 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

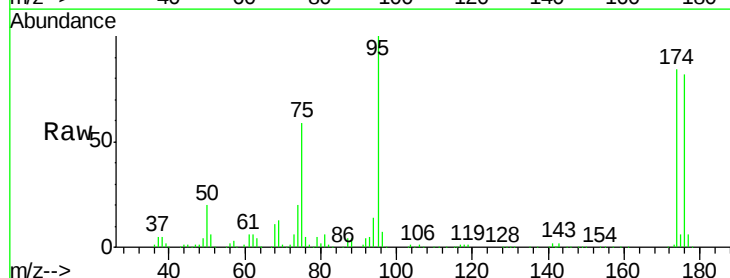
Tgt Ion: 95 Resp: 106884

Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.6

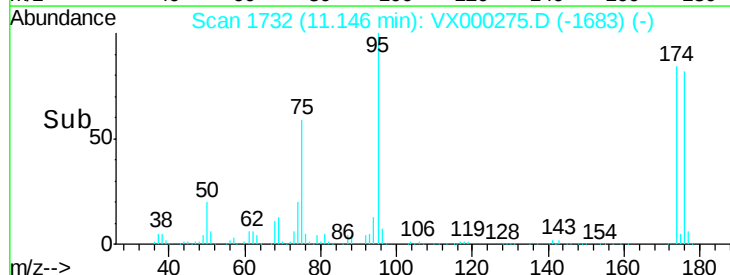
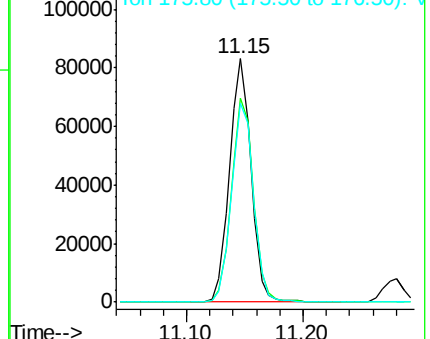
176 83.7 0.0 171.0

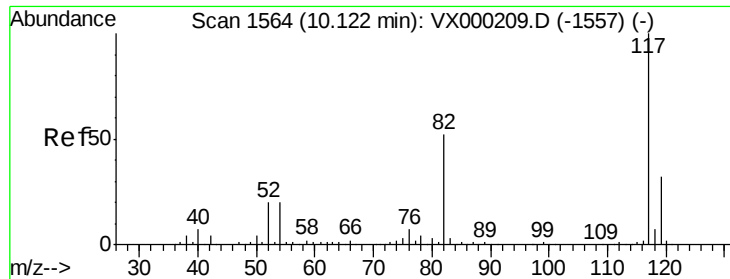


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

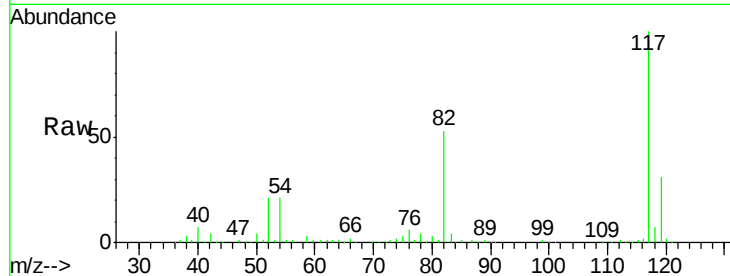




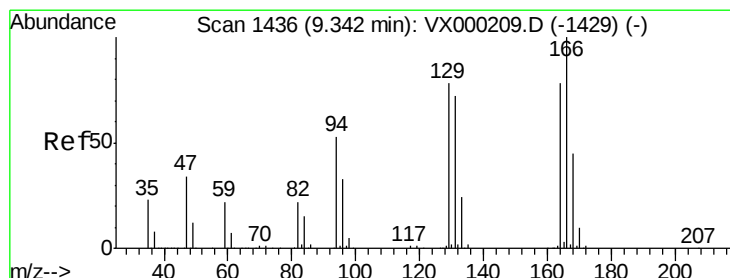
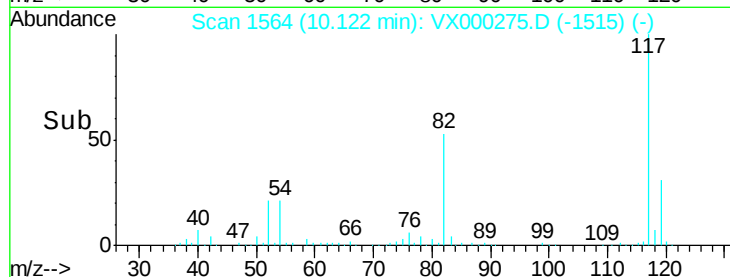
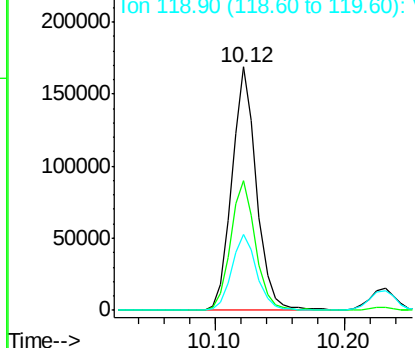
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 225994
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.4 25.3 37.9

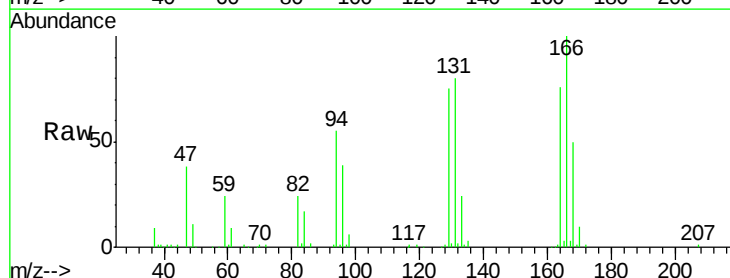


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

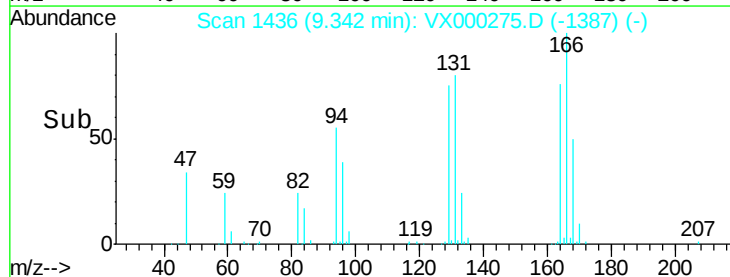
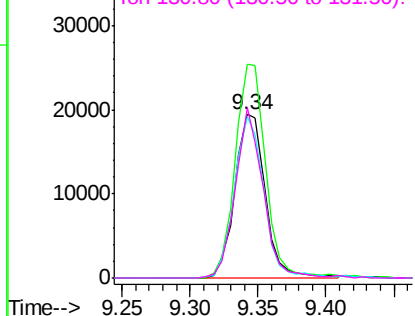


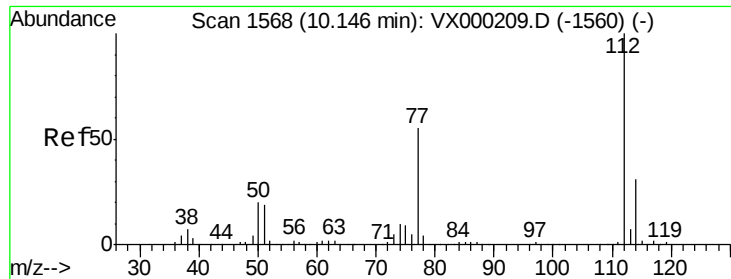
#64
Tetrachloroethene
Concen: 19.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:164 Resp: 30331
Ion Ratio Lower Upper
164 100
166 130.7 103.0 154.6
129 98.5 80.2 120.4
131 104.4 74.2 111.4



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

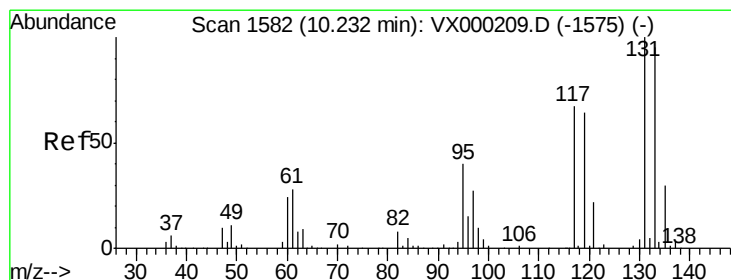
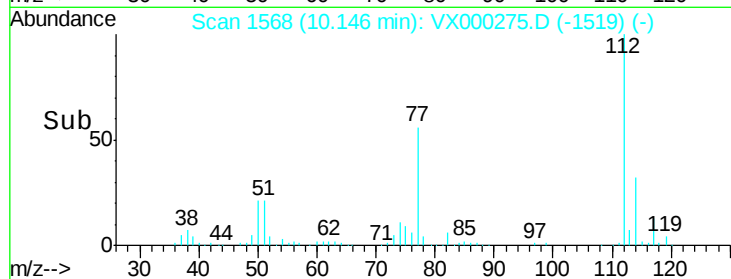
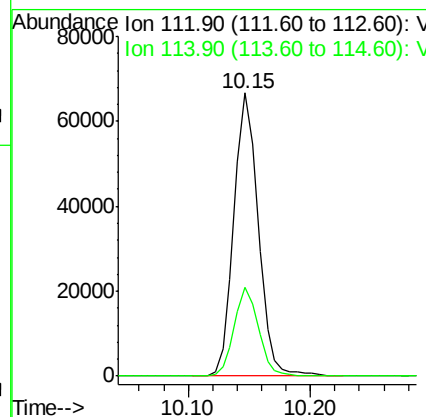
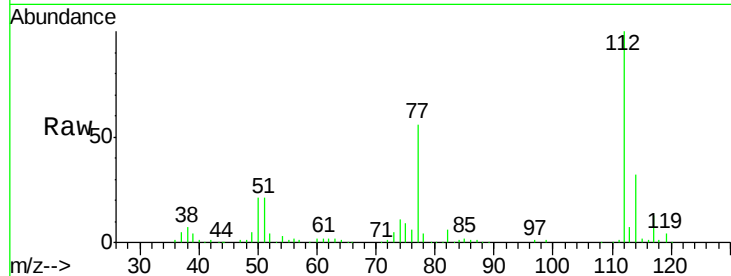




#65
Chlorobenzene
Concen: 20.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

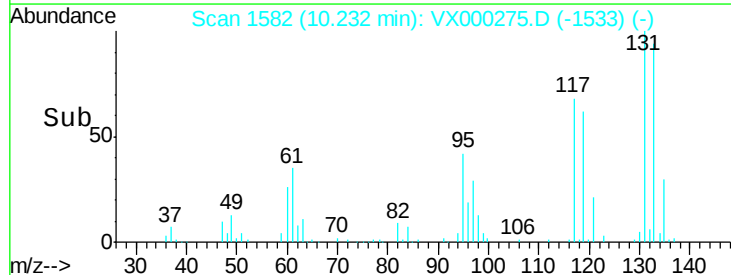
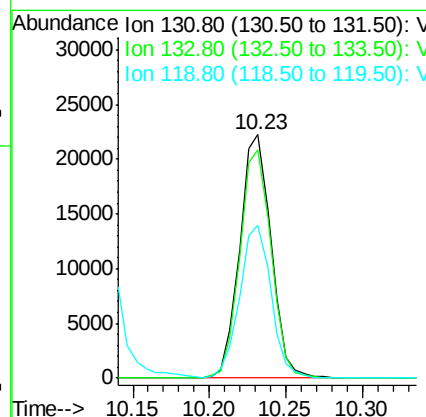
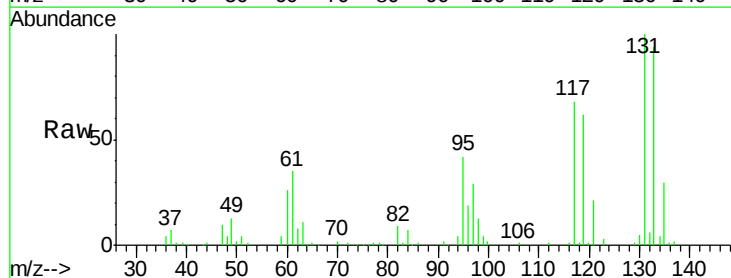
Instrument :
MSVOA_X
ClientSampleId :

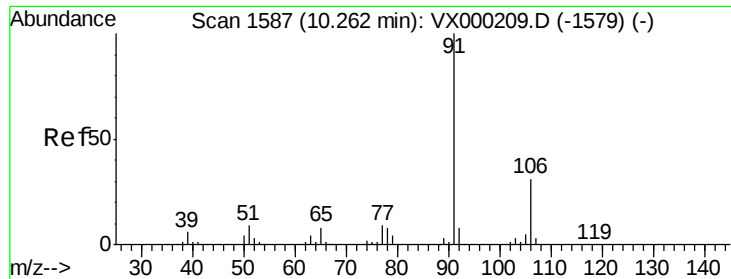
Tot Ion:112 Resp: 92129
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.21 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:131 Resp: 31528
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.9
119 63.7 32.3 96.8





#67

Ethyl Benzene

Concen: 19.33 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

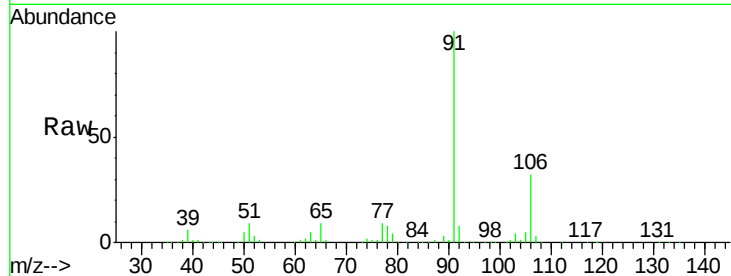
ClientSampleId :

Tot Ion: 91 Resp: 153948

Ion Ratio Lower Upper

91 100

106 32.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000209.D (-1579) (-)

200000

150000

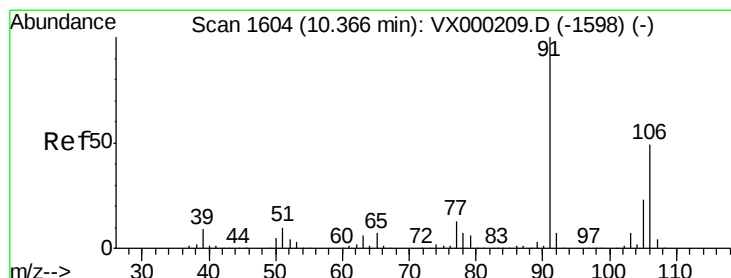
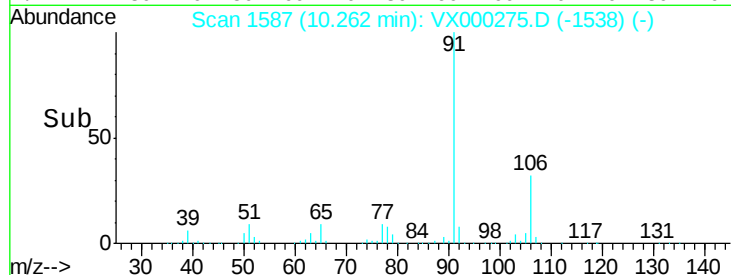
100000

50000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 39.09 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000275.D

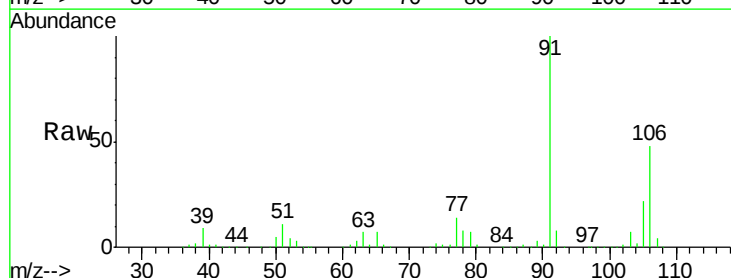
Acq: 12 Mar 2018 13:23

Tgt Ion: 106 Resp: 119825

Ion Ratio Lower Upper

106 100

91 201.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX000209.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000209.D (-1598) (-)

200000

150000

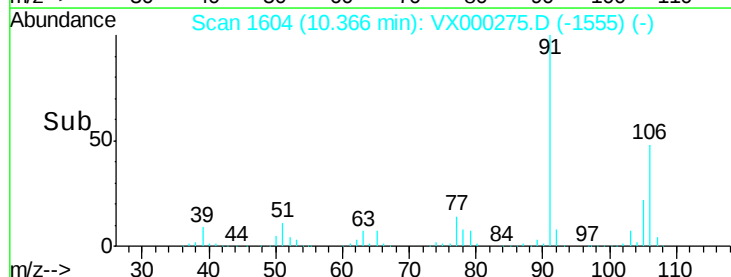
100000

50000

0

10.30 10.40 10.50

Time-->

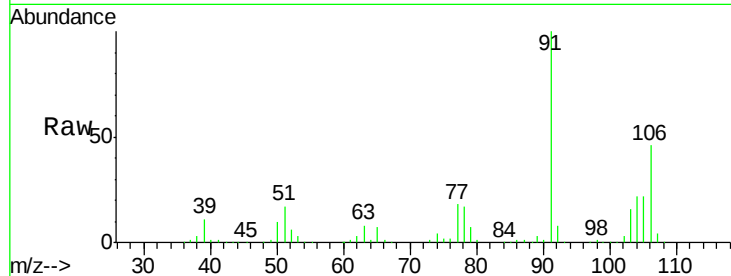




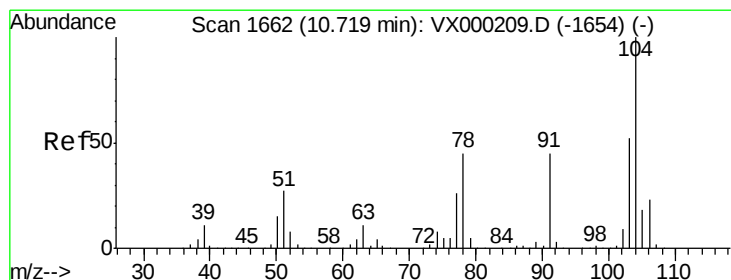
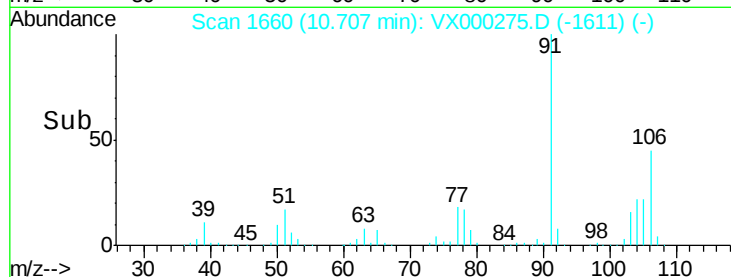
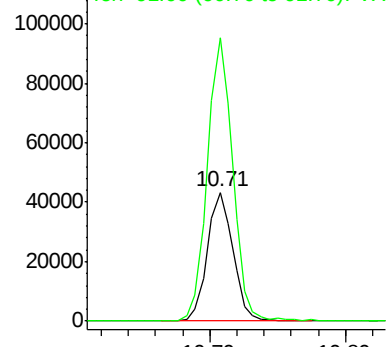
#69
o-Xylene
Concen: 19.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 57186
Ion Ratio Lower Upper
106 100
91 216.6 105.9 317.7

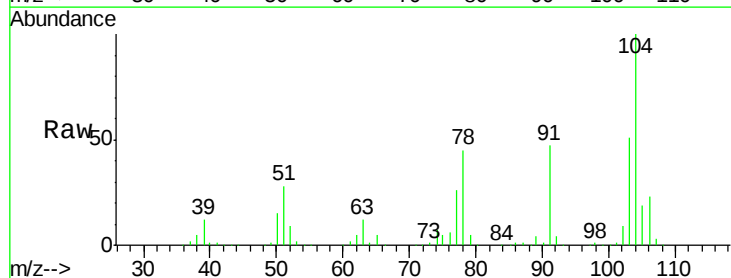


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

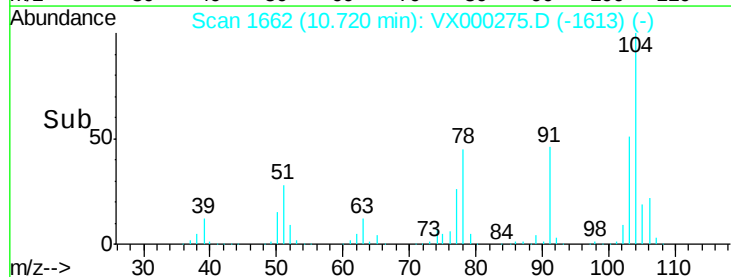
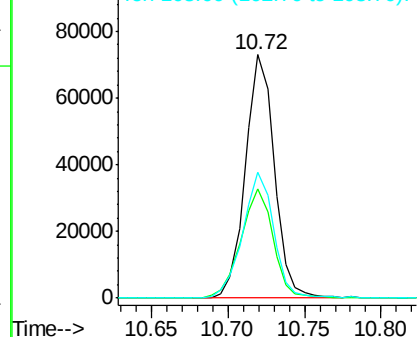


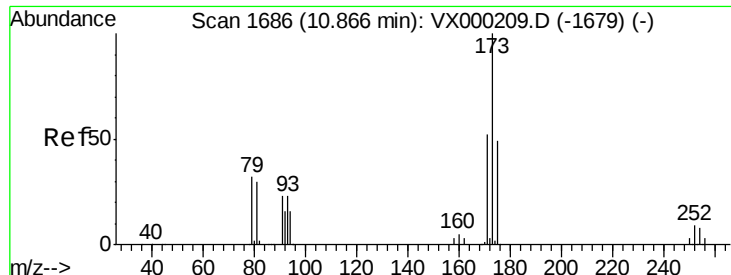
#70
Styrene
Concen: 19.66 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:104 Resp: 96071
Ion Ratio Lower Upper
104 100
78 50.5 39.6 59.4
103 55.6 45.0 67.6



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

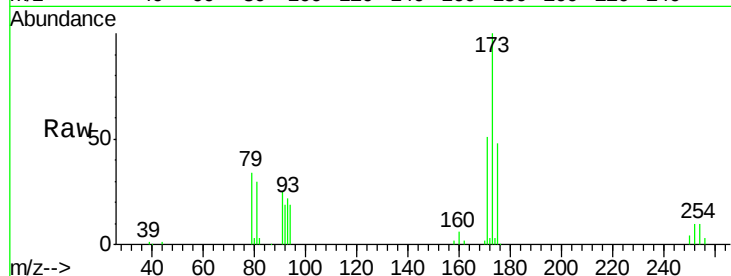




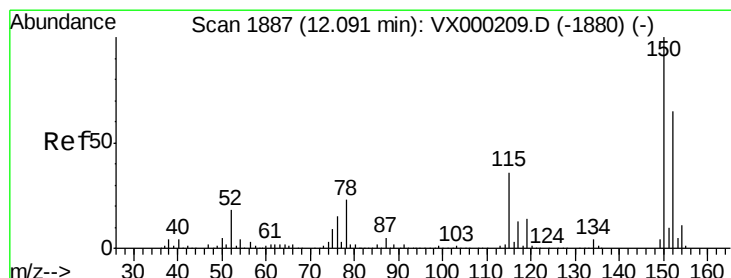
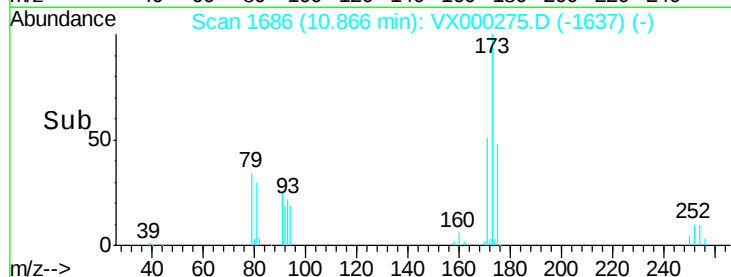
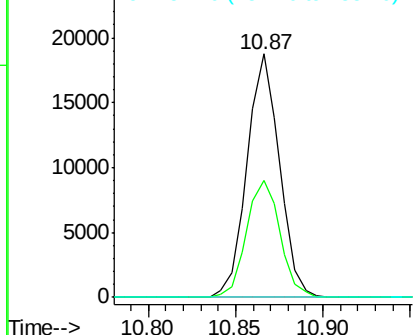
#71
Bromoform
Concen: 17.45 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 24336
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.2
254 0.0 0.2 0.2#

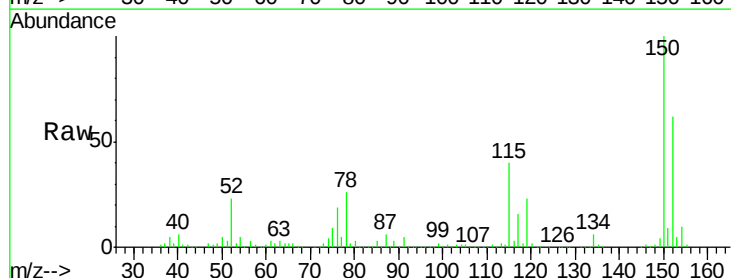


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

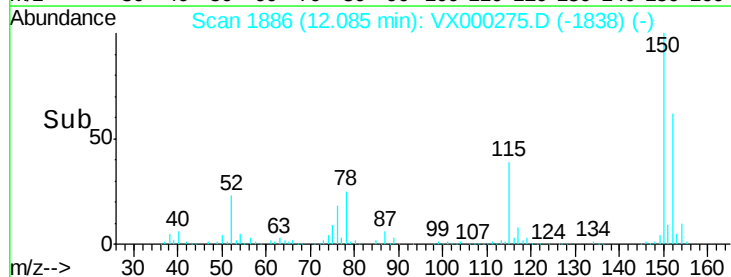
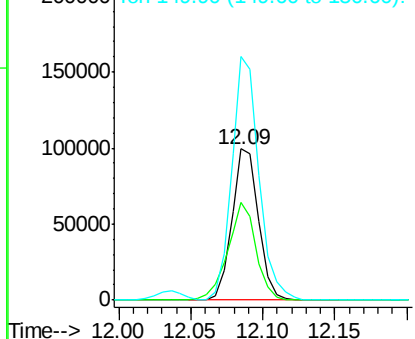


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:152 Resp: 127675
Ion Ratio Lower Upper
152 100
115 68.4 39.8 119.3
150 164.9 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

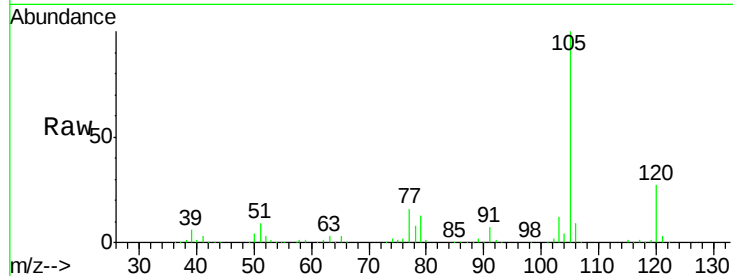
ClientSampleId :

Tot Ion:105 Resp: 157719

Ion Ratio Lower Upper

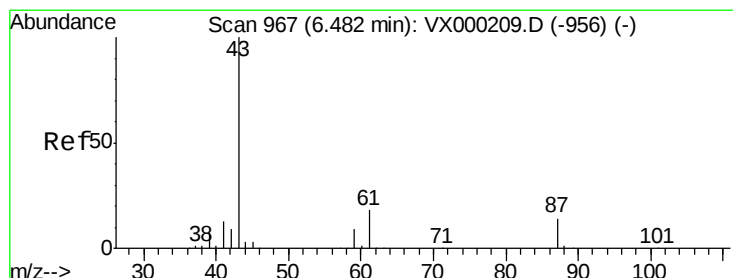
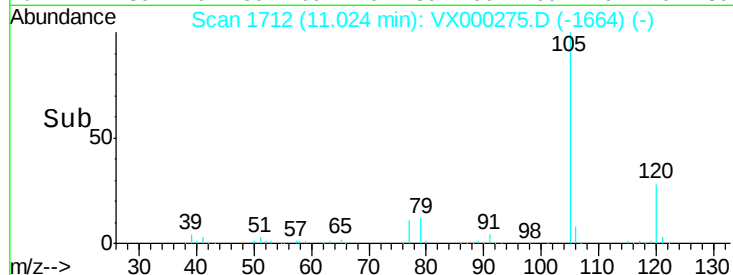
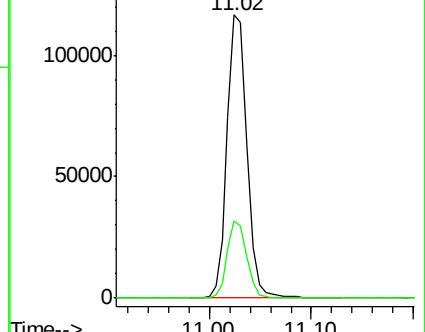
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.64 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Tgt Ion: 43 Resp: 80342

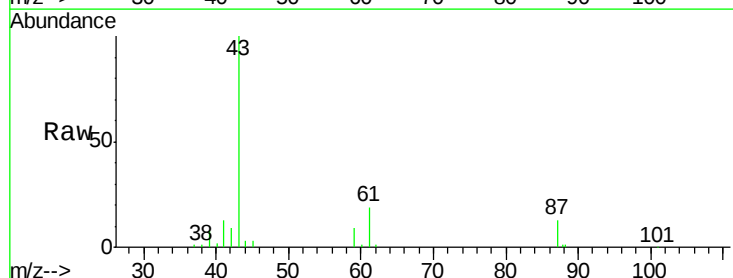
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.8 22.2

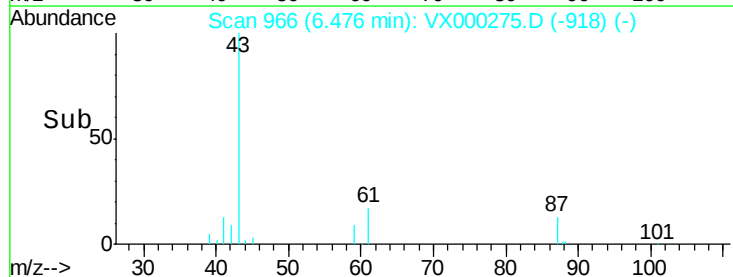
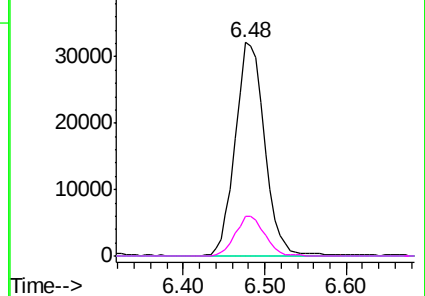


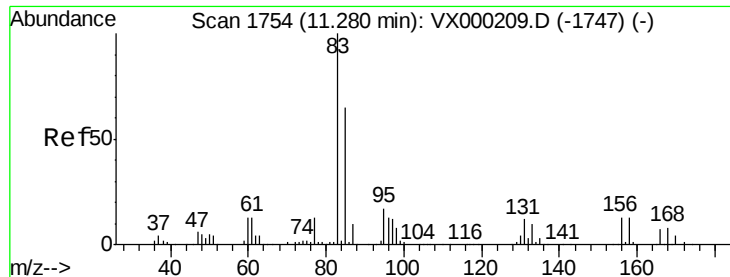
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

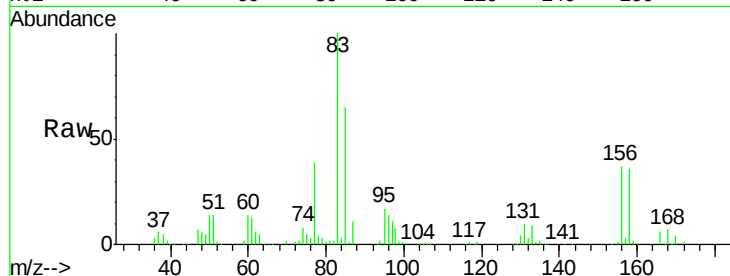
Tot Ion: 83 Resp: 57449

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.5

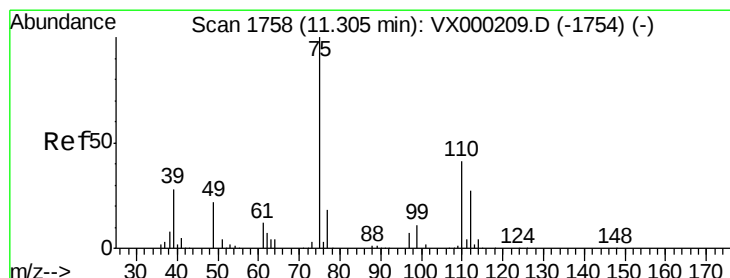
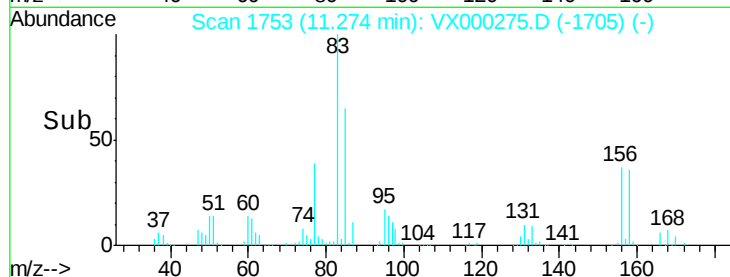
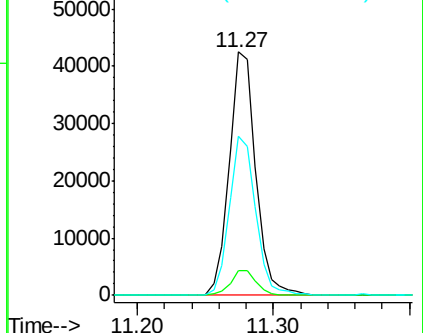
85 65.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.69 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000275.D

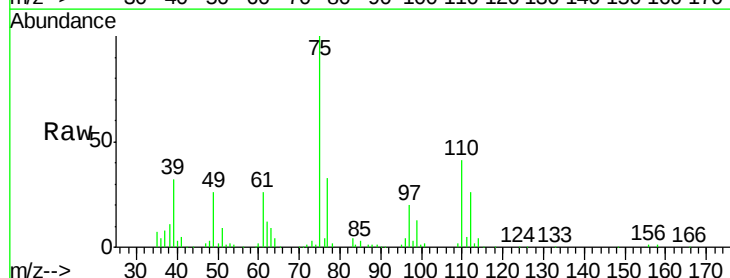
Acq: 12 Mar 2018 13:23

Tgt Ion: 75 Resp: 65757

Ion Ratio Lower Upper

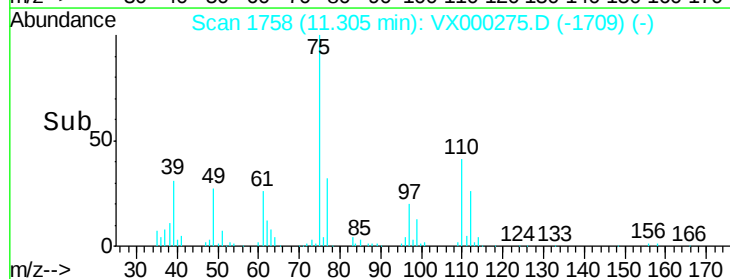
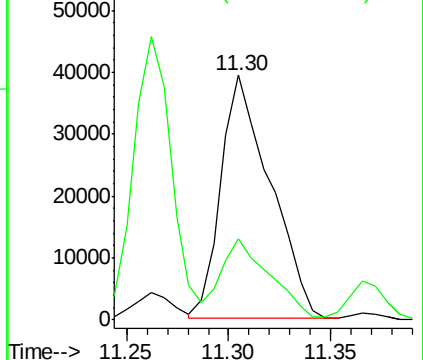
75 100

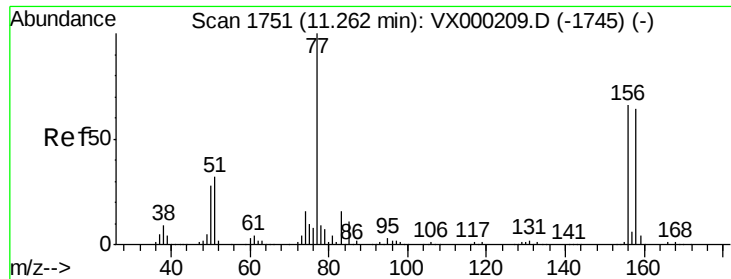
77 33.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

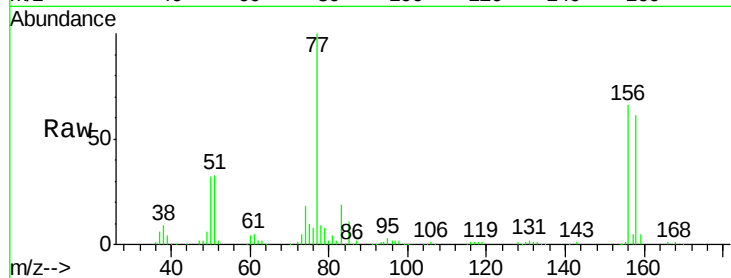




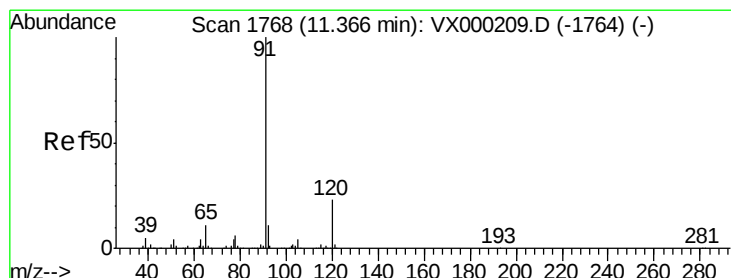
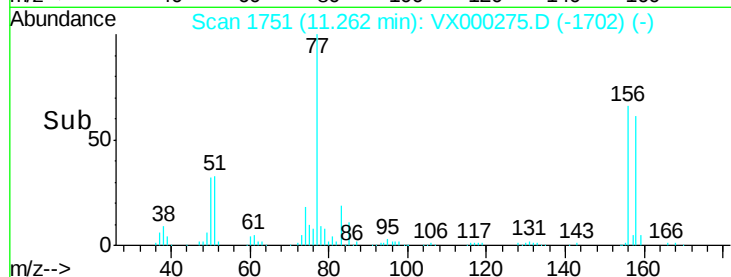
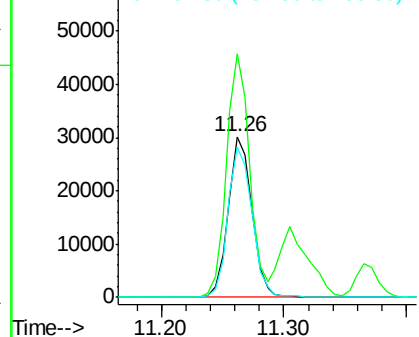
#77
Bromobenzene
Concen: 19.58 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:156 Resp: 40472
Ion Ratio Lower Upper
156 100
77 147.7 71.9 215.7
158 95.0 48.0 144.2

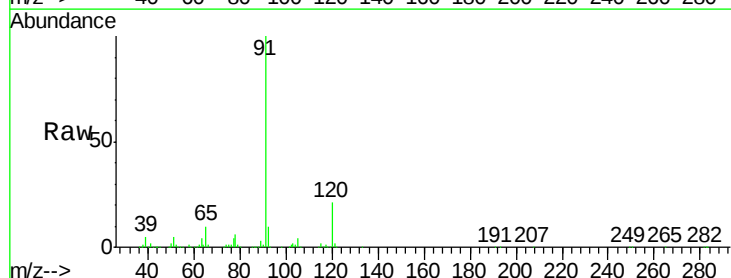


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

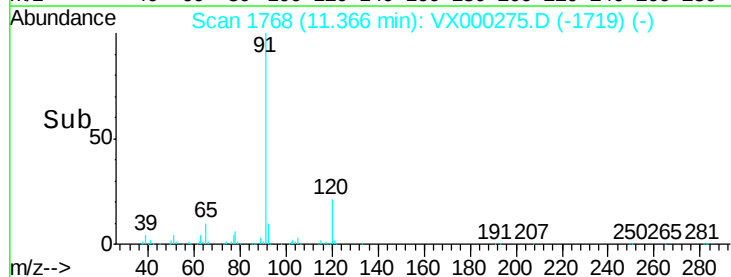
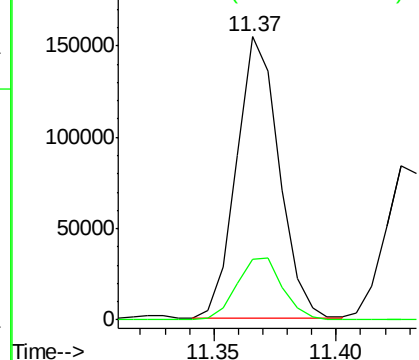


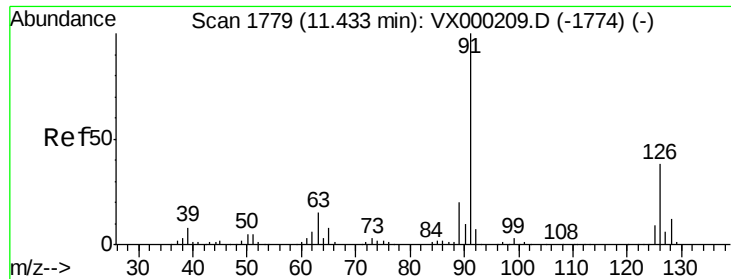
#78
n-propylbenzene
Concen: 19.86 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 91 Resp: 186819
Ion Ratio Lower Upper
91 100
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

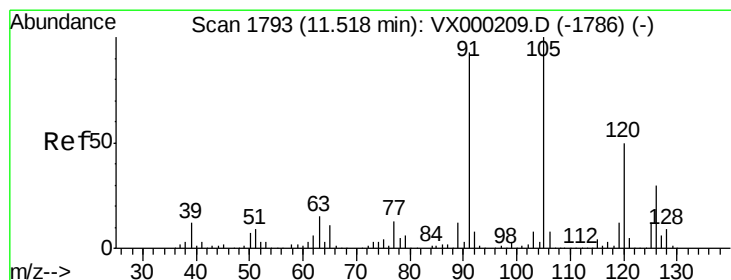
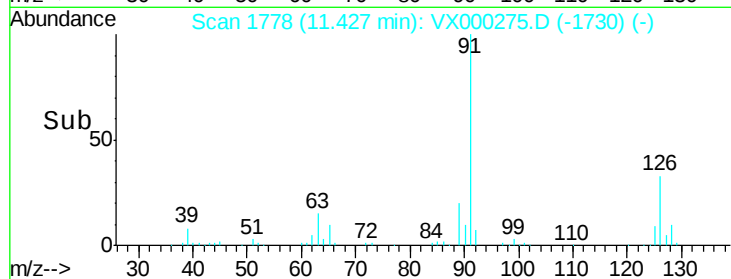
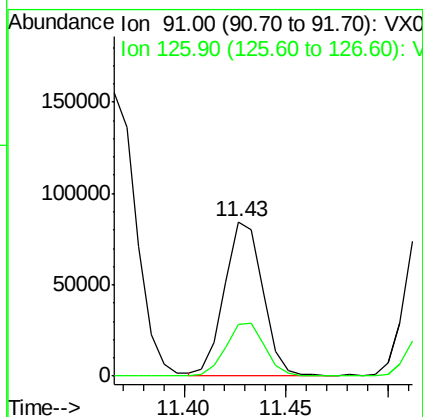
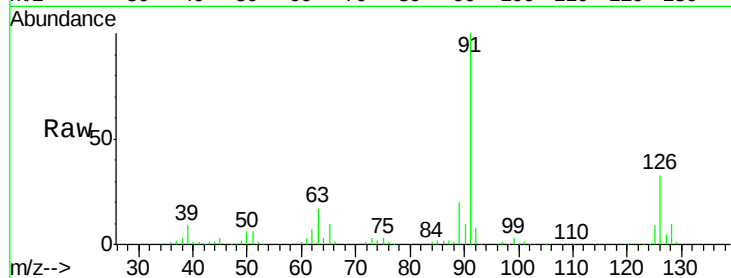




#79
 2-Chlorotoluene
 Concen: 20.44 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

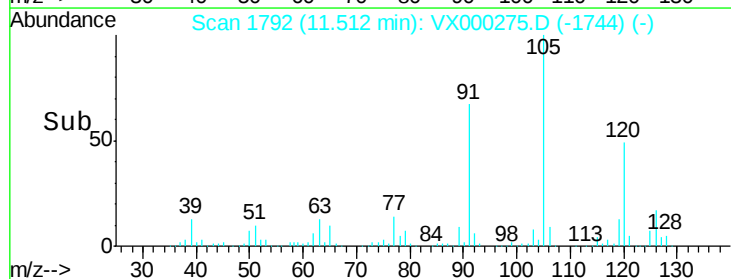
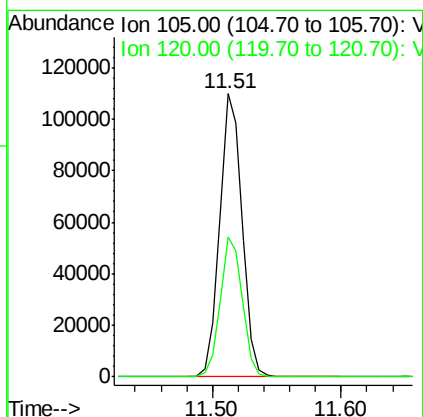
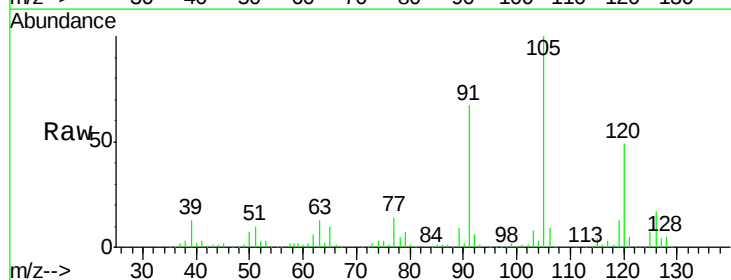
Instrument :
 MSVOA_X
 ClientSampleId :

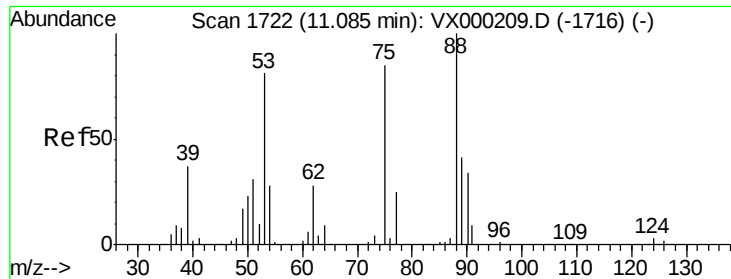
Tot Ion: 91 Resp: 108470
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.29 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion: 105 Resp: 135385
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.05 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

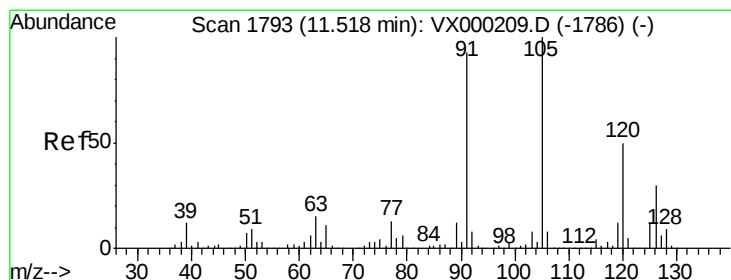
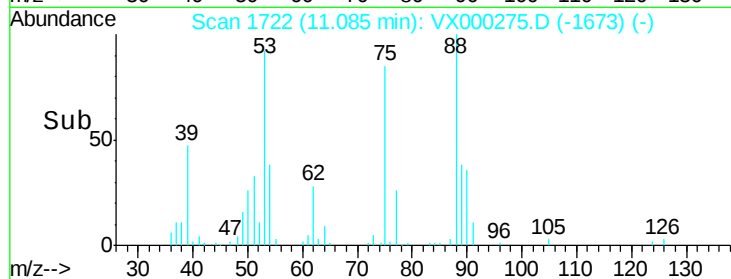
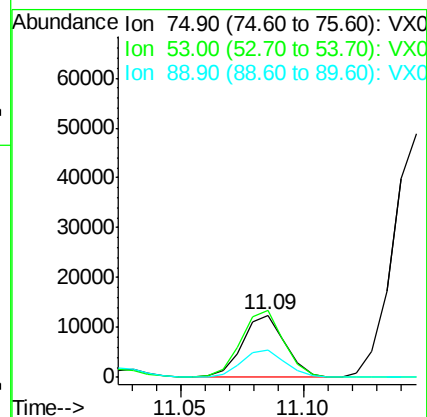
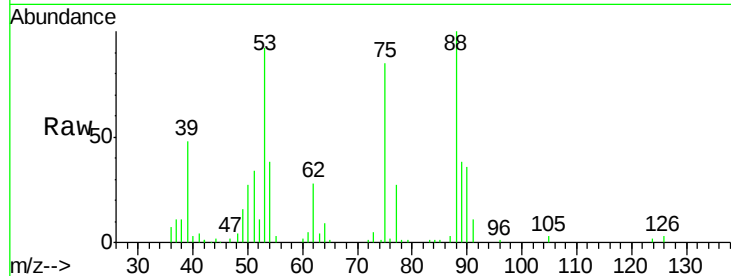
Tot Ion: 75 Resp: 15087

Ion Ratio Lower Upper

75 100

53 108.8 78.6 118.0

89 45.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000275.D

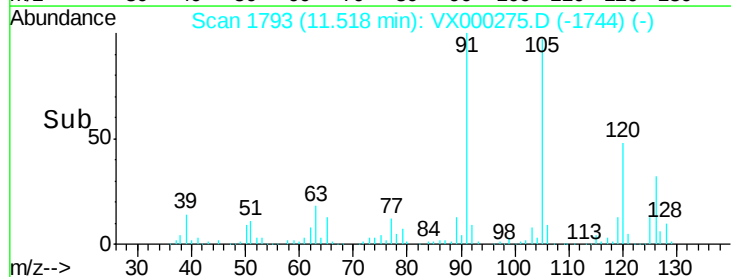
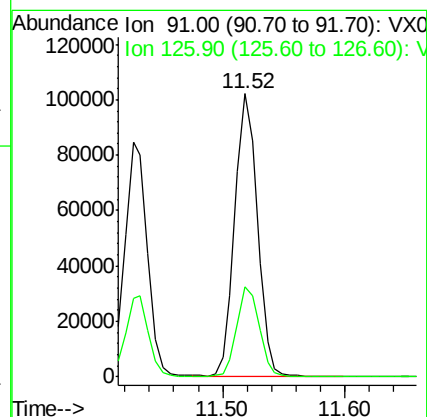
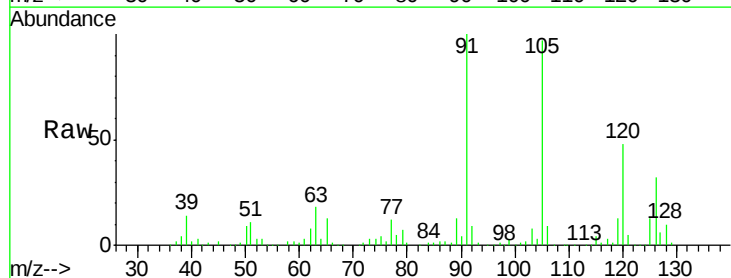
Acq: 12 Mar 2018 13:23

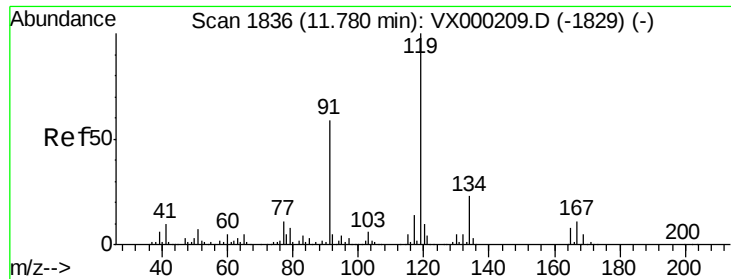
Tgt Ion: 91 Resp: 131190

Ion Ratio Lower Upper

91 100

126 31.6 16.0 48.0

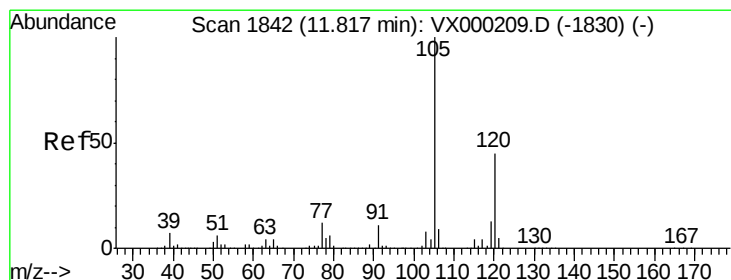
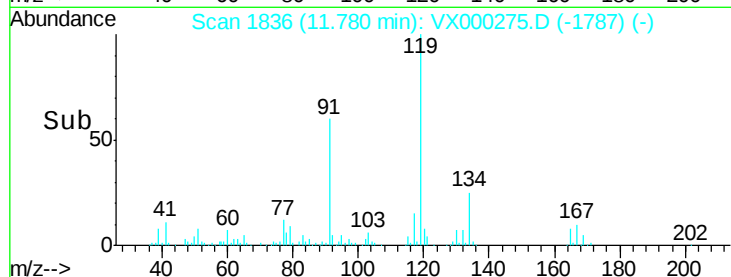
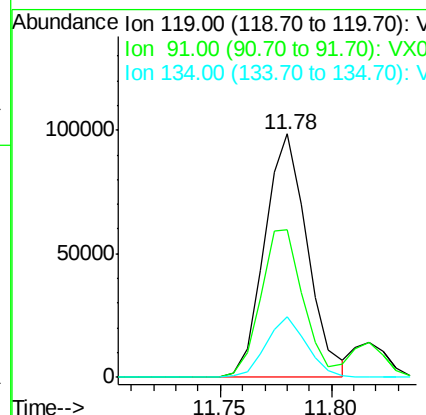
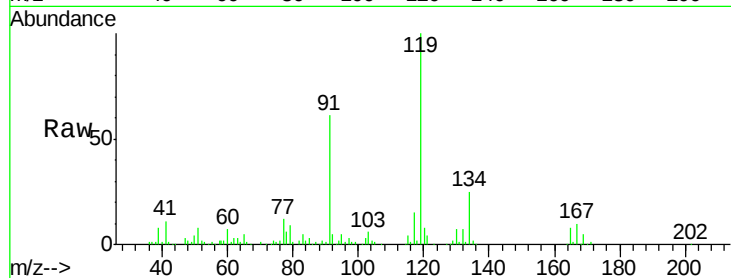




#83
 tert-Butylbenzene
 Concen: 20.19 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

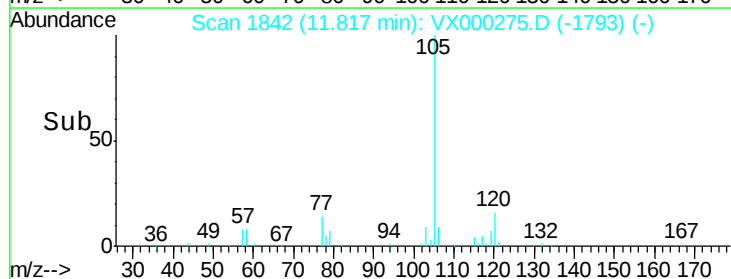
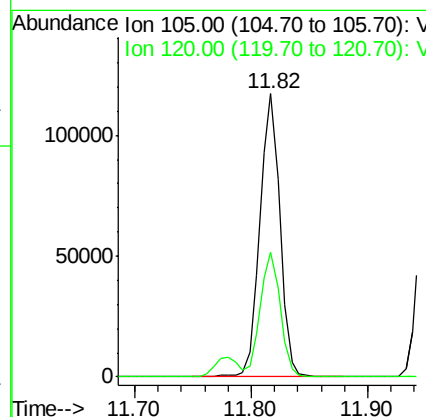
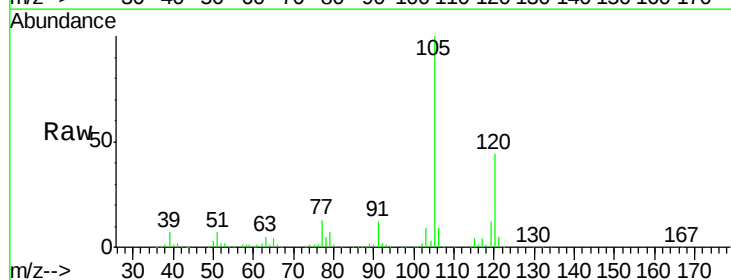
Instrument :
 MSVOA_X
 ClientSampled :

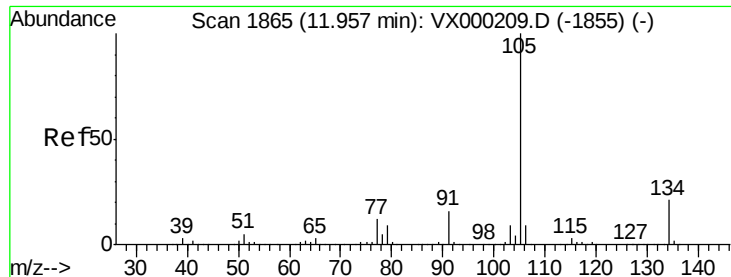
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	28.9	86.7
134	23.3	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.61 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.50 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

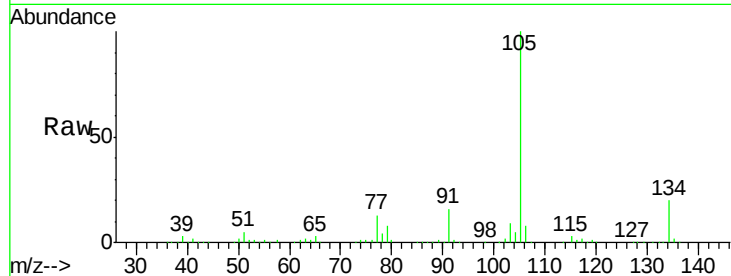
ClientSampled :

Tot Ion:105 Resp: 168374

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

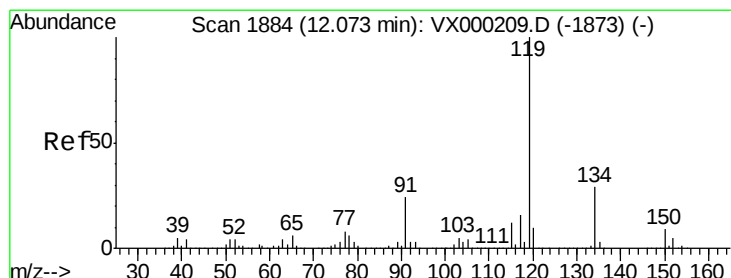
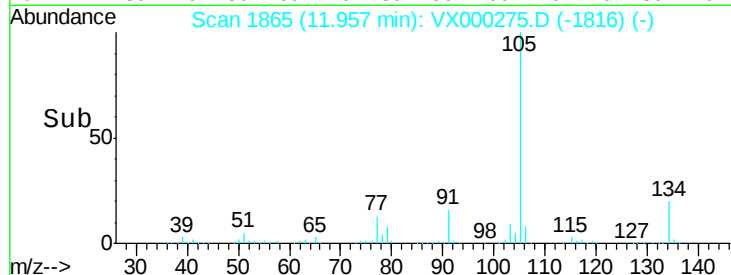
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

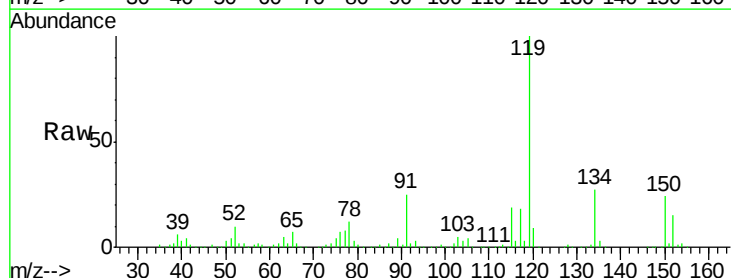
Tgt Ion:119 Resp: 150407

Ion Ratio Lower Upper

119 100

134 26.5 13.8 41.3

91 25.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

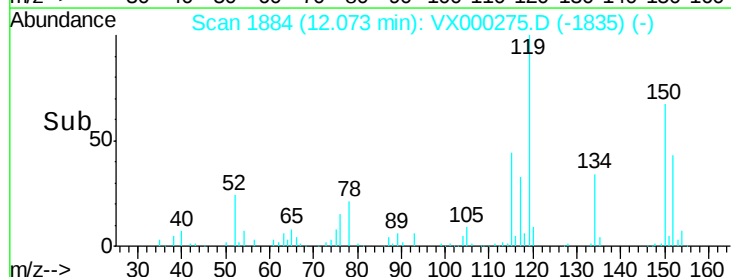
150000

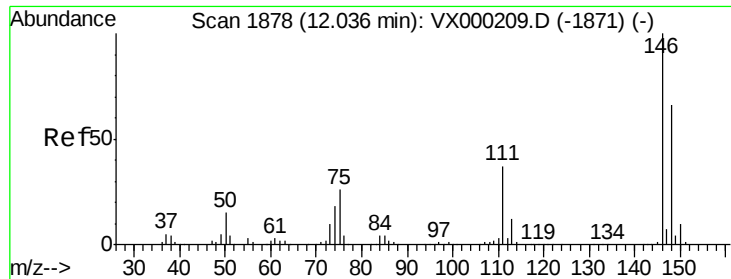
100000

50000

0

Time-->

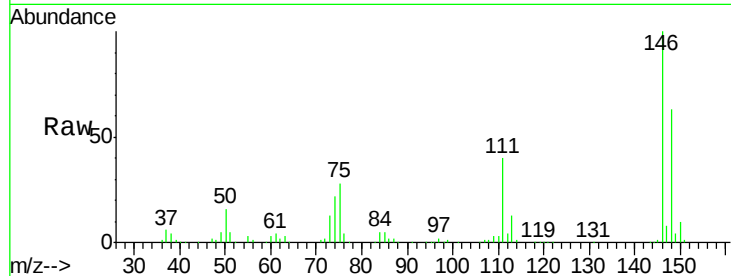




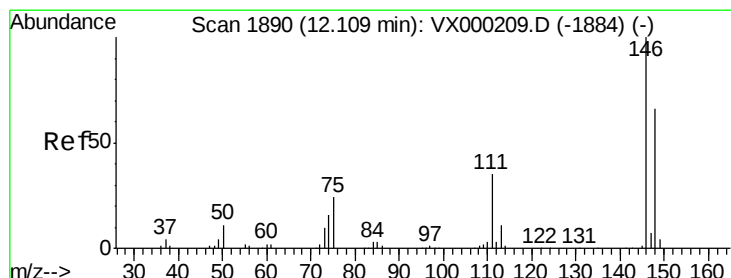
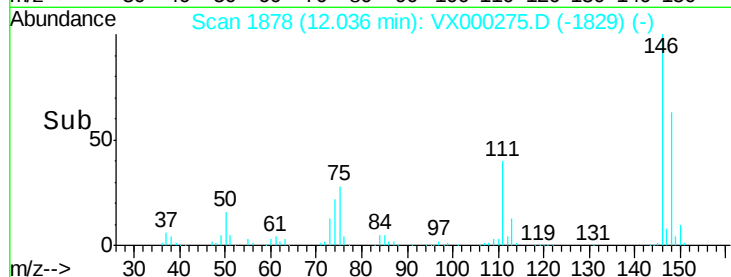
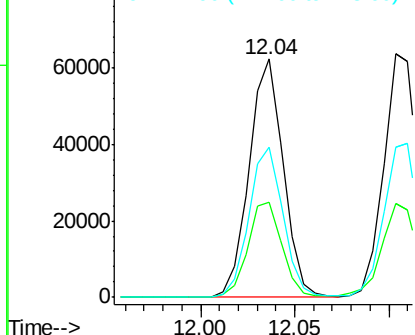
#87
 1,3-Dichlorobenzene
 Concen: 19.88 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 78110
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.0 57.0
 148 63.2 32.1 96.3

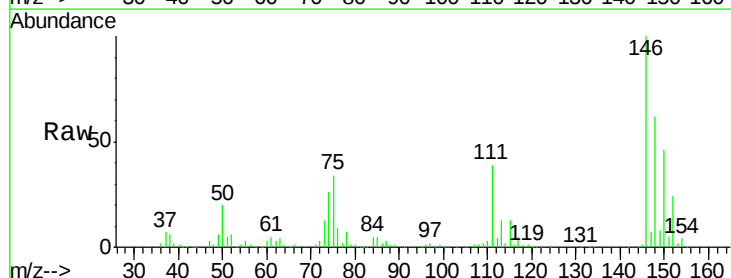


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

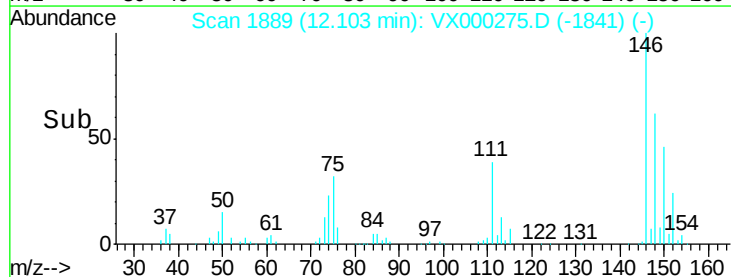
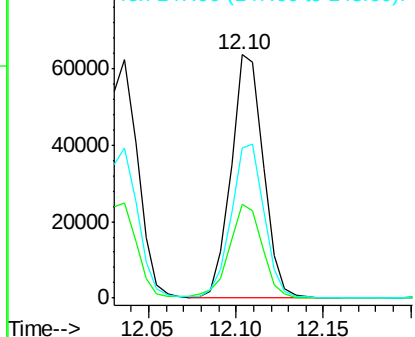


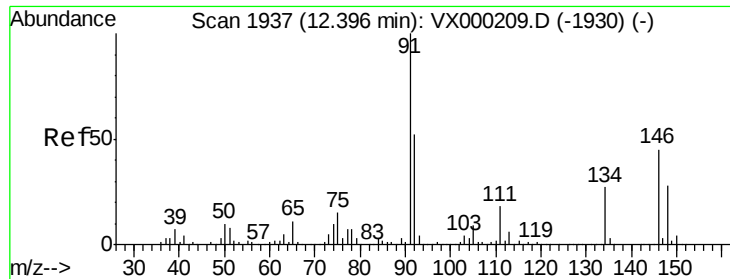
#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion:146 Resp: 81812
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 64.9 32.6 97.8



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

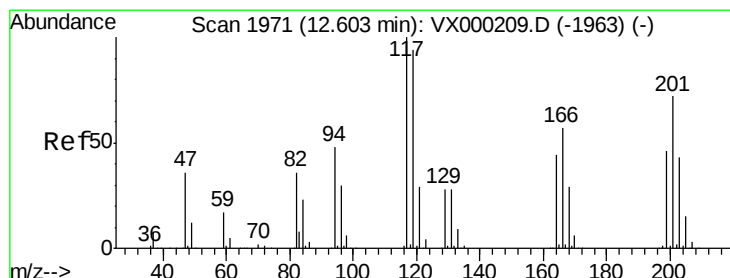
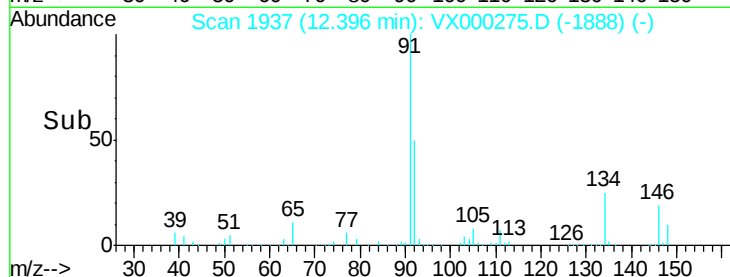
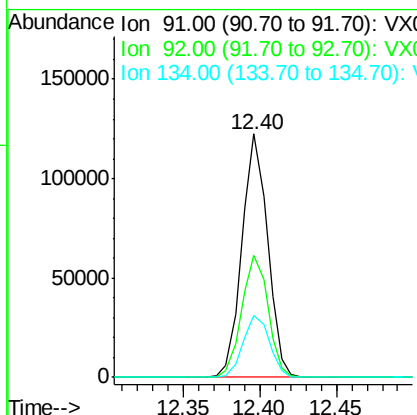
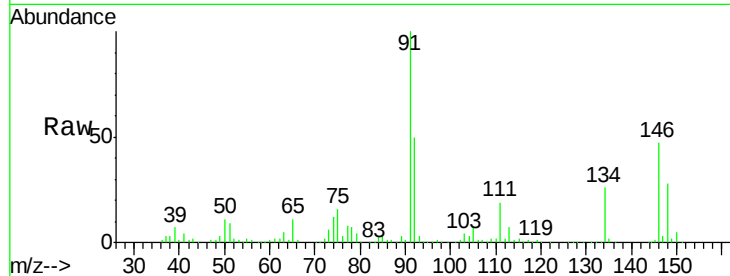




#89
n-Butylbenzene
Concen: 20.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

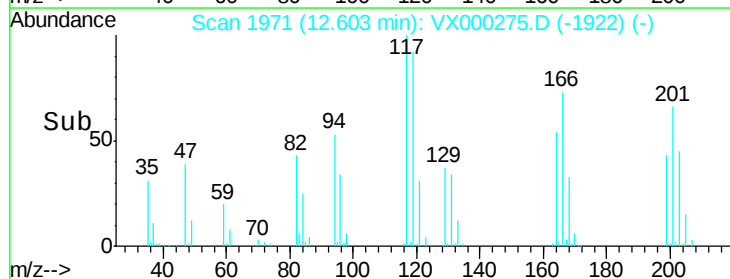
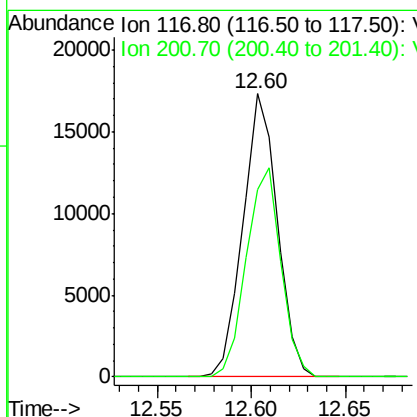
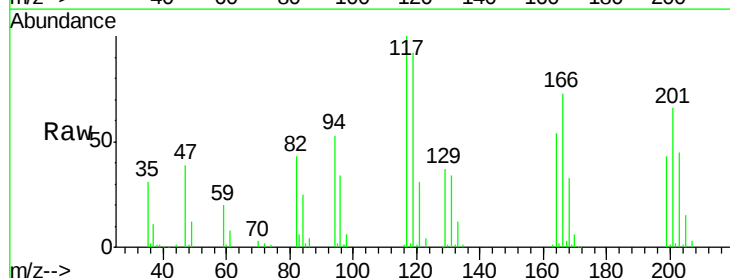
Instrument :
MSVOA_X
ClientSampleId :

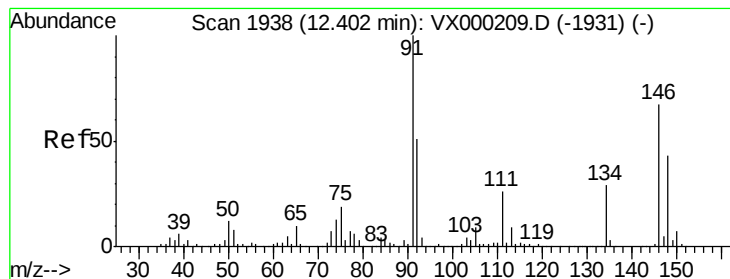
Tot Ion: 91 Resp: 142483
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.4
134 26.1 13.5 40.5



#90
Hexachloroethane
Concen: 18.85 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion: 117 Resp: 22001
Ion Ratio Lower Upper
117 100
201 74.1 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 20.70 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

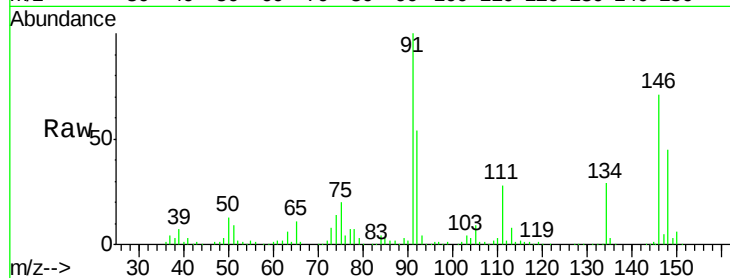
Tot Ion:146 Resp: 80534

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

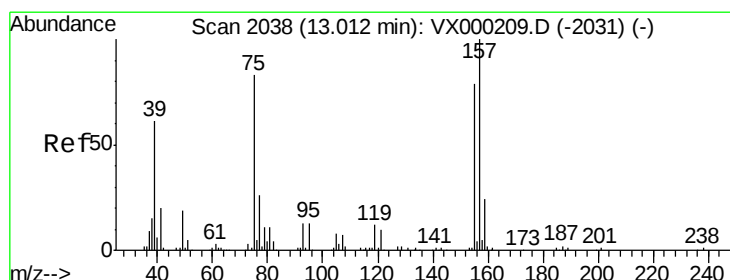
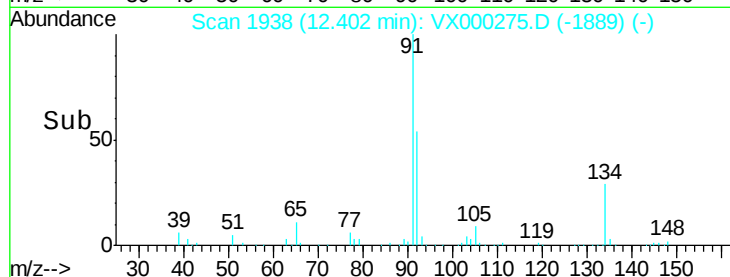
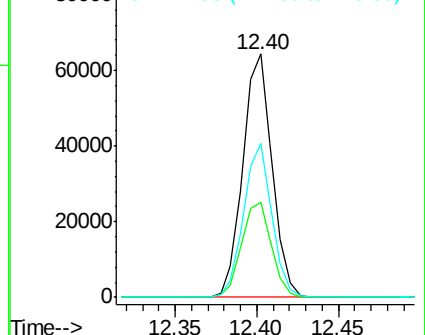
148 60.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.32 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000275.D

Acq: 12 Mar 2018 13:23

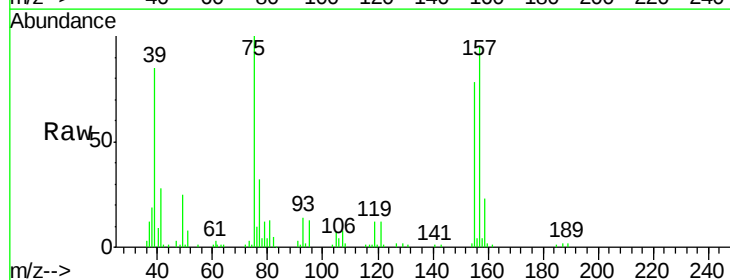
Tgt Ion: 75 Resp: 15208

Ion Ratio Lower Upper

75 100

155 85.6 45.5 136.5

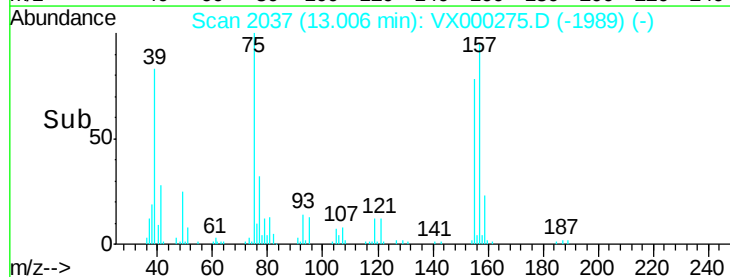
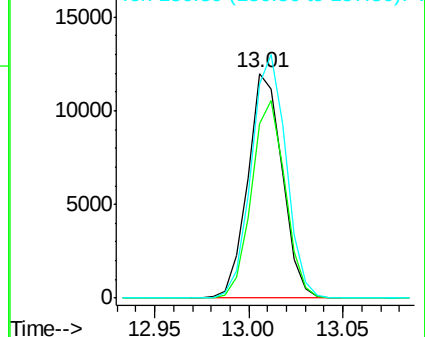
157 108.9 58.6 175.8

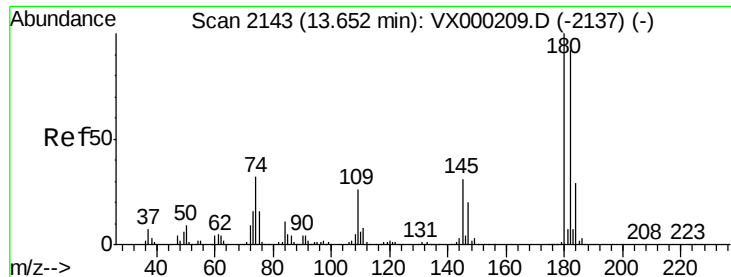


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

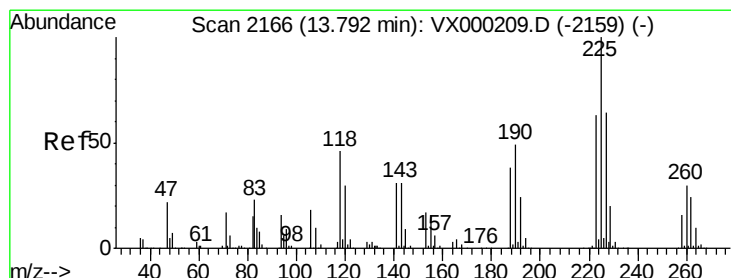
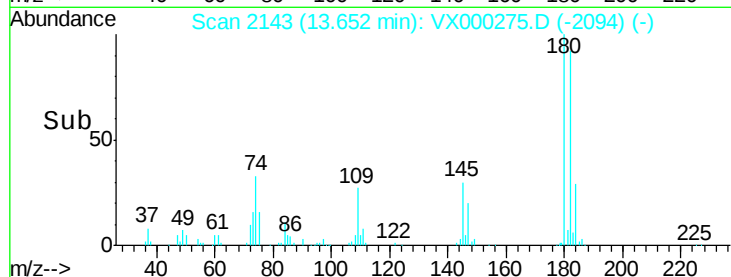
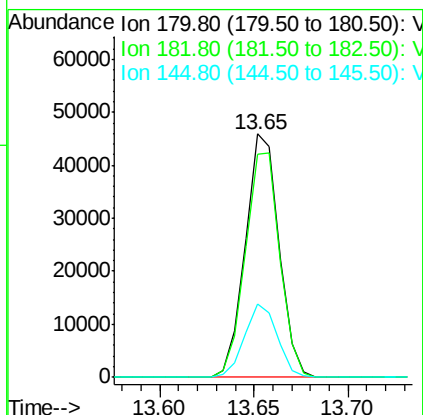
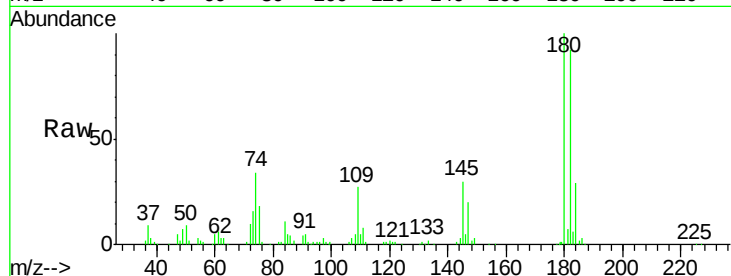




#93
 1,2,4-Trichlorobenzene
 Concen: 20.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

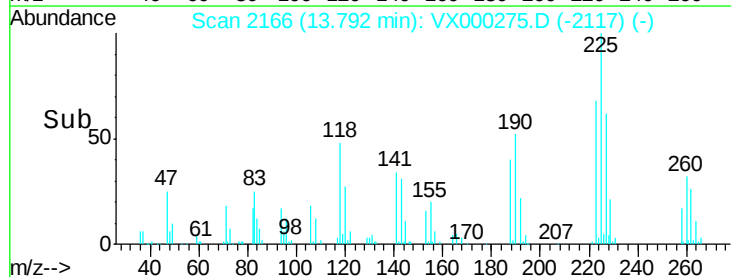
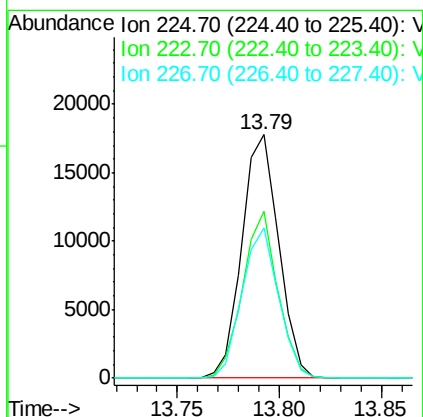
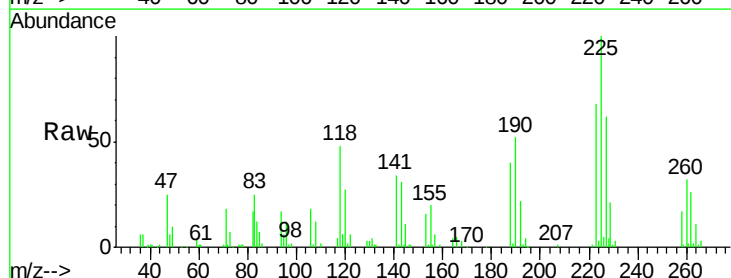
Instrument :
 MSVOA_X
 ClientSampleId :

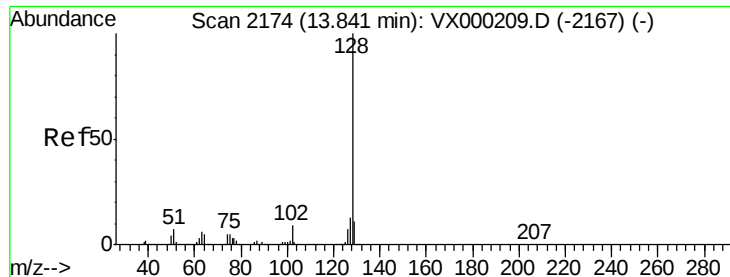
Tot Ion:180 Resp: 56880
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.0
 145 29.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.93 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000275.D
 Acq: 12 Mar 2018 13:23

Tgt Ion:225 Resp: 22301
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.8 95.3
 227 61.0 31.9 95.5

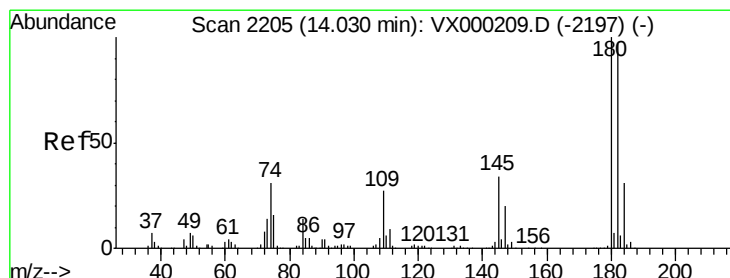
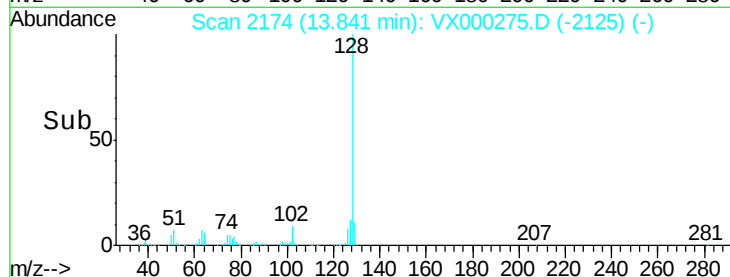
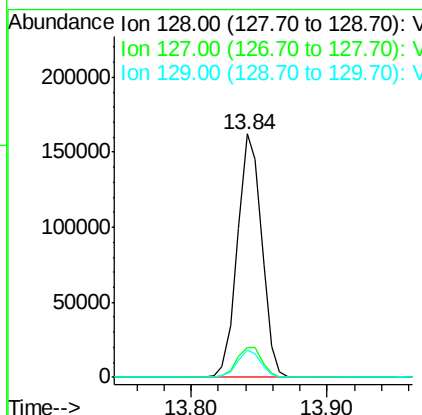
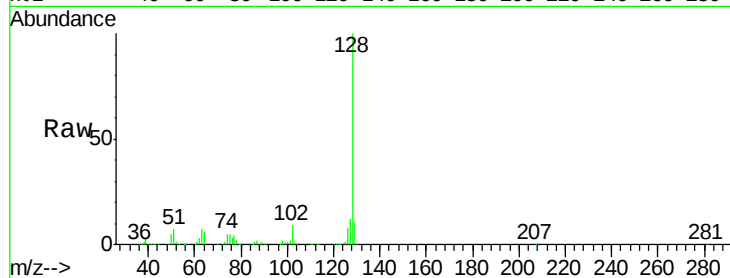




#95
Naphthalene
Concen: 20.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 201450
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.87 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000275.D
Acq: 12 Mar 2018 13:23

Tgt Ion:180 Resp: 55629
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 32.3 16.3 48.8

