

Data File : VX000162.D

Acq On : 28 Feb 2018 12:28

Operator : JC/MD

Sample : VX0228WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Quant Time: Mar 01 06:28:58 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	106879	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	5.51	113	84081	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	8.73	98	331899	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.15	95	133037	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28464	19.13	ug/l	98
3) Chloromethane	1.32	50	26728	18.32	ug/l	99
4) Vinyl Chloride	1.40	62	33730	20.75	ug/l	98
5) Bromomethane	1.64	94	32458	23.96	ug/l	99
6) Chloroethane	1.73	64	22547	20.65	ug/l	95
7) Trichlorofluoromethane	1.93	101	62990	21.67	ug/l	96
8) Diethyl Ether	2.19	74	22401	22.33	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35664	21.95	ug/l	97
10) Methyl Iodide	2.52	142	25317	14.23	ug/l	98
11) Tert butyl alcohol	3.07	59	81907	117.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30165	19.93	ug/l	85
13) Acrolein	2.29	56	8119	24.44	ug/l	94
14) Allyl chloride	2.73	41	57369	22.65	ug/l	95
15) Acrylonitrile	3.15	53	136570	115.00	ug/l	99
16) Acetone	2.45	43	165916	141.77	ug/l	96
17) Carbon Disulfide	2.57	76	68553	15.39	ug/l	100
18) Methyl Acetate	2.78	43	72119	26.28	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	121178	23.33	ug/l	95
20) Methylene Chloride	2.86	84	35290	22.78	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33626	20.50	ug/l	91
22) Diisopropyl ether	3.87	45	108650	24.55	ug/l	# 86
23) Vinyl Acetate	3.83	43	514402	125.06	ug/l	96
24) 1,1-Dichloroethane	3.71	63	61940	23.62	ug/l	99
25) 2-Butanone	4.71	43	196718	120.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47908	21.02	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34368	21.99	ug/l	98
28) Bromochloromethane	5.03	49	28387	24.14	ug/l	89
29) Tetrahydrofuran	5.18	42	118772	111.64	ug/l	98
30) Chloroform	5.23	83	60480	21.91	ug/l	100
31) Cyclohexane	5.59	56	45449	20.16	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	53187	20.94	ug/l	96
36) 1,1-Dichloropropene	5.81	75	44467	20.27	ug/l	97
37) Ethyl Acetate	4.87	43	63273	20.99	ug/l	97
38) Carbon Tetrachloride	5.79	117	46326	19.55	ug/l	93

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Sample : VX0228WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Quant Time: Mar 01 06:28:58 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	51835	19.63	ug/l	98
40) Benzene	6.15	78	129321	20.63	ug/l	100
41) Methacrylonitrile	5.07	41	33526	22.90	ug/l	97
42) 1,2-Dichloroethane	6.21	62	51744	22.50	ug/l	98
43) Isopropyl Acetate	6.48	43	96978	22.32	ug/l	96
44) Trichloroethene	7.22	130	37677	20.41	ug/l	99
45) 1,2-Dichloropropane	7.52	63	34165	22.24	ug/l	92
46) Dibromomethane	7.67	93	25516	21.29	ug/l	96
47) Bromodichloromethane	7.91	83	48302	21.82	ug/l	98
48) Methyl methacrylate	7.79	41	47027	22.08	ug/l	97
49) 1,4-Dioxane	7.76	88	23743	425.08	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	368845	116.11	ug/l	96
52) Toluene	8.79	92	90026	21.50	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	56010	21.52	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54967	21.27	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	38184	22.05	ug/l	97
56) Ethyl methacrylate	9.19	69	59589	22.43	ug/l	94
57) 1,3-Dichloropropane	9.38	76	61464	22.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	144669	107.72	ug/l	96
59) 2-Hexanone	9.51	43	319563	118.82	ug/l	97
60) Dibromochloromethane	9.59	129	39816	20.30	ug/l	96
61) 1,2-Dibromoethane	9.68	107	41816	21.76	ug/l	99
64) Tetrachloroethene	9.34	164	33460	19.09	ug/l	99
65) Chlorobenzene	10.15	112	108108	21.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	37343	21.01	ug/l	98
67) Ethyl Benzene	10.26	91	184429	21.62	ug/l	98
68) m/p-Xylenes	10.37	106	141672	41.95	ug/l	97
69) o-Xylene	10.71	106	69477	21.33	ug/l	95
70) Styrene	10.72	104	115215	21.63	ug/l	98
71) Bromoform	10.87	173	31103	19.26	ug/l	# 99
73) Isopropylbenzene	11.02	105	194289	21.86	ug/l	98
74) N-amyl acetate	6.48	43	96978	21.60	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	68403	22.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81175	27.94	ug/l	82
77) Bromobenzene	11.26	156	47778	19.83	ug/l	90
78) n-propylbenzene	11.37	91	229461	21.90	ug/l	97
79) 2-Chlorotoluene	11.43	91	128732	21.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	161998	21.56	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	20273	19.87	ug/l	89
82) 4-Chlorotoluene	11.52	91	160746	22.16	ug/l	95
83) tert-Butylbenzene	11.78	119	164195	21.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	169191	21.68	ug/l	100
85) sec-Butylbenzene	11.96	105	208458	22.12	ug/l	98
86) p-Isopropyltoluene	12.07	119	185145	21.99	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	94127	20.37	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	98808	20.69	ug/l	97
89) n-Butylbenzene	12.40	91	176535	22.23	ug/l	98
90) Hexachloroethane	12.60	117	29763	21.71	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	94549	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20504	23.86	ug/l	87

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022818\
Quantitation Report (Not Reviewed)

Data File : VX000162.D
Acq On : 28 Feb 2018 12:28
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Quant Time: Mar 01 06:28:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

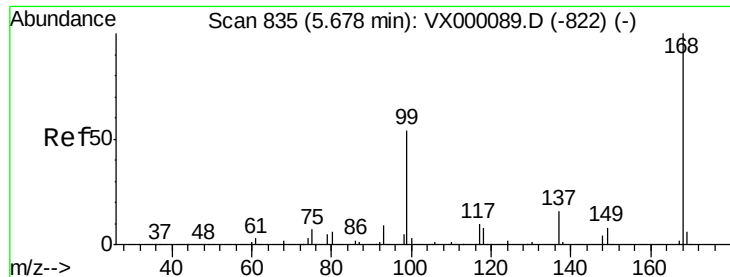
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68749	20.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	28705	19.28	ug/l	98
95) Naphthalene	13.84	128	244542	21.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	68268	20.27	ug/l	99

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

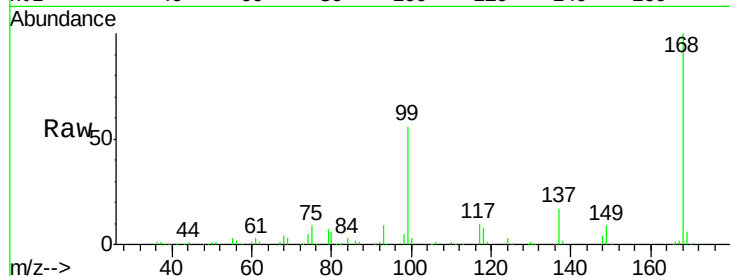
VX0228WBS01

Tgt Ion:168 Resp: 144495

Ion Ratio Lower Upper

168 100

99 56.3 43.1 64.7

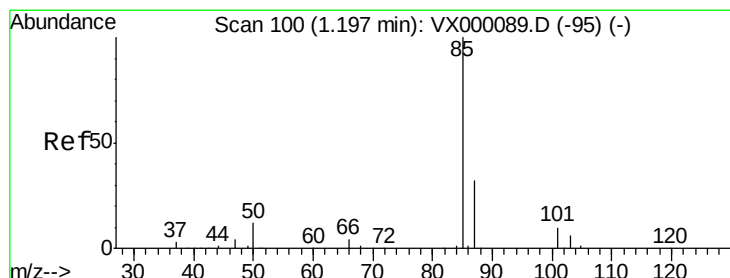
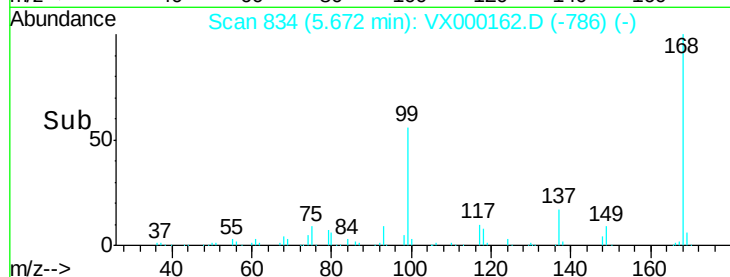


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 19.13 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000162.D

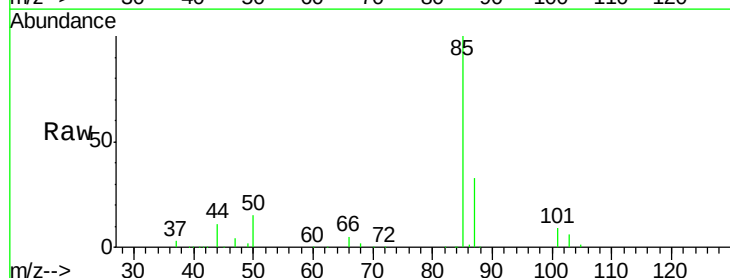
Acq: 28 Feb 2018 12:28

Tgt Ion: 85 Resp: 28464

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2

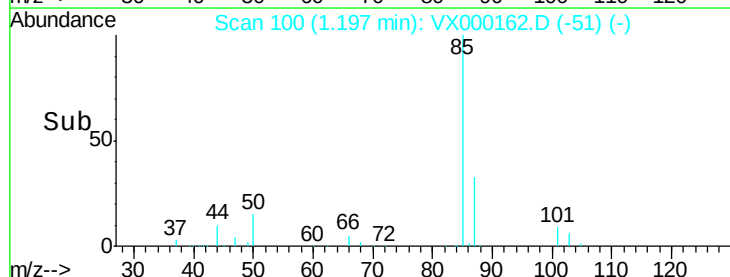


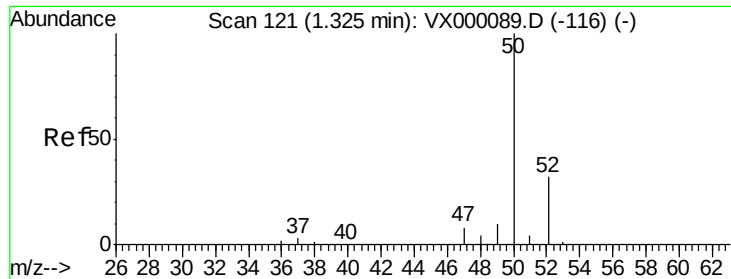
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 18.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

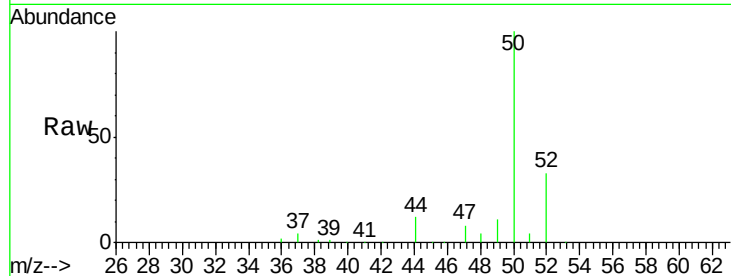
VX0228WBS01

Tgt Ion: 50 Resp: 26728

Ion Ratio Lower Upper

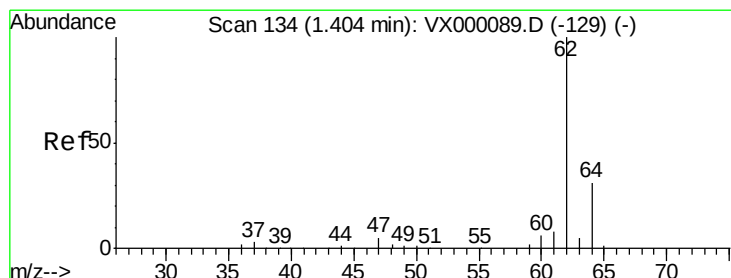
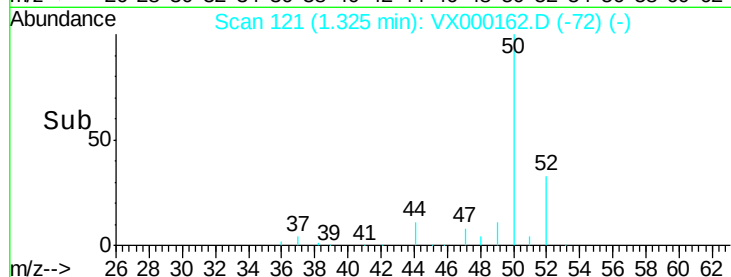
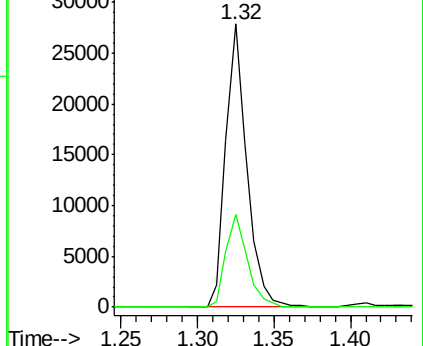
50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000162.D

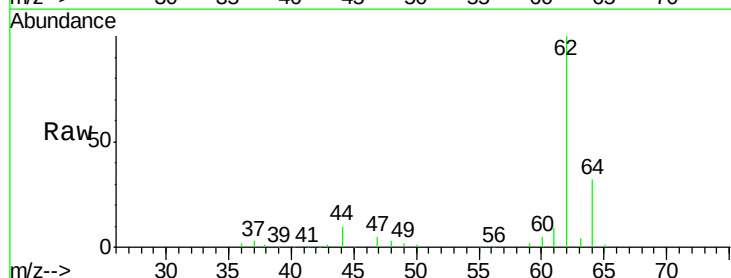
Acq: 28 Feb 2018 12:28

Tgt Ion: 62 Resp: 33730

Ion Ratio Lower Upper

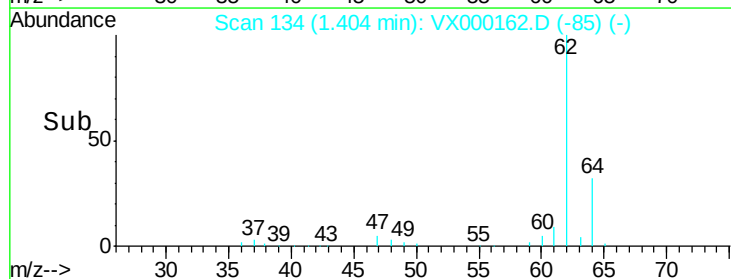
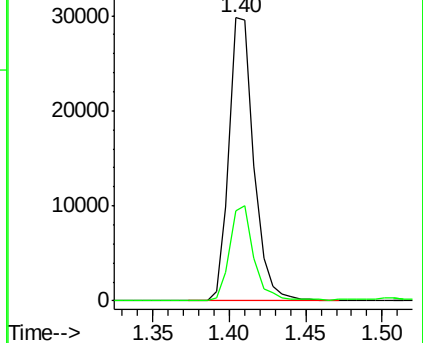
62 100

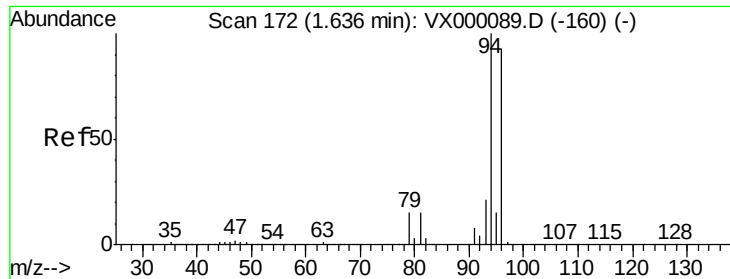
64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

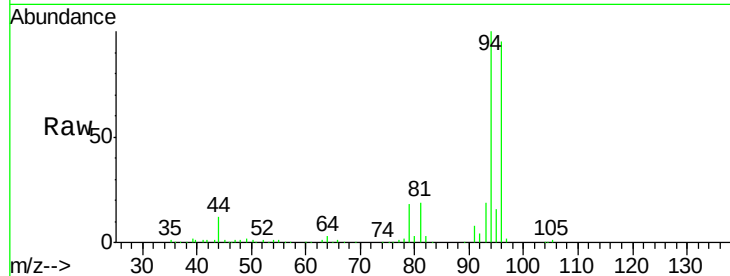
VX0228WBS01

Tgt Ion: 94 Resp: 32458

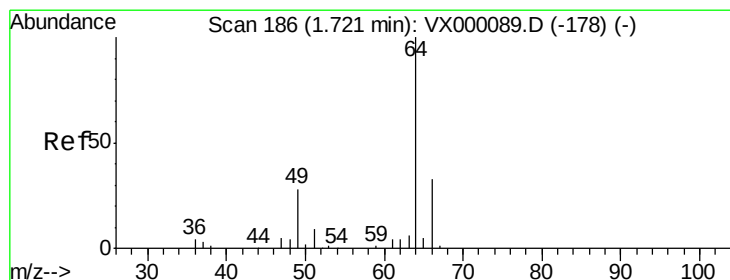
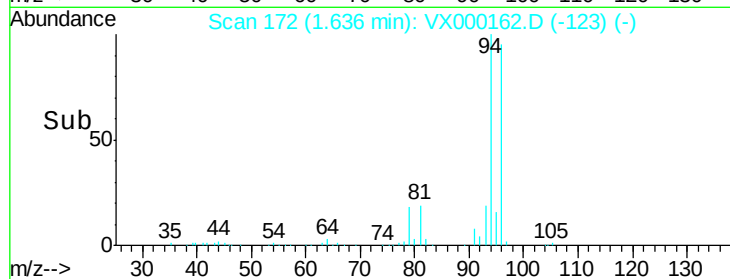
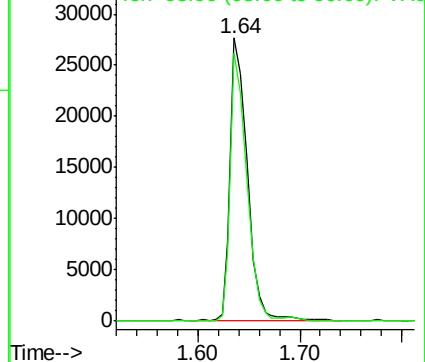
Ion Ratio Lower Upper

94 100

96 94.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.65 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000162.D

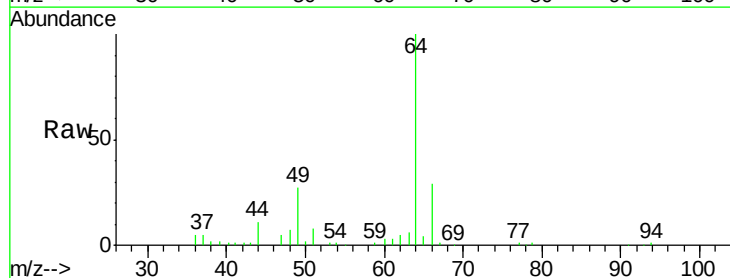
Acq: 28 Feb 2018 12:28

Tgt Ion: 64 Resp: 22547

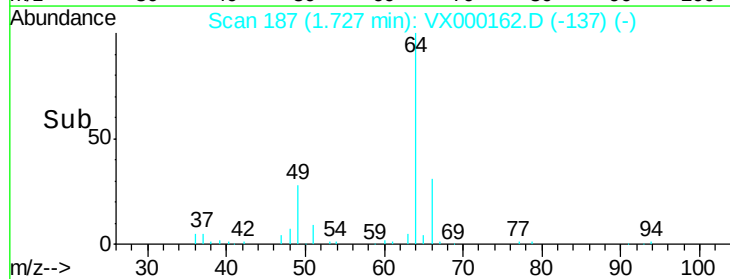
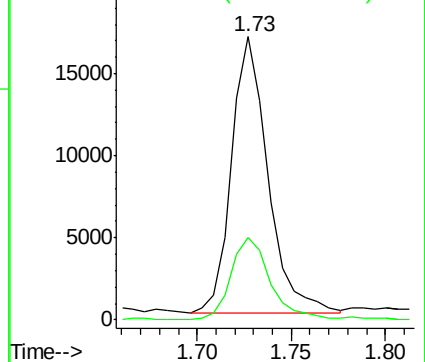
Ion Ratio Lower Upper

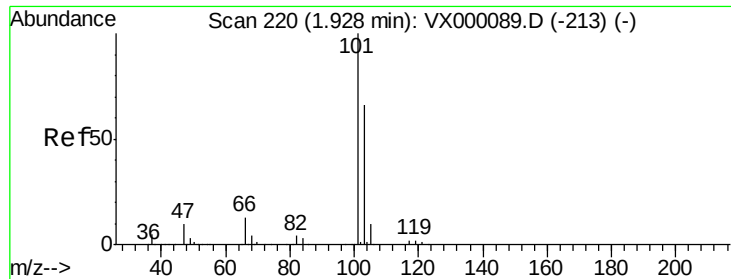
64 100

66 29.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



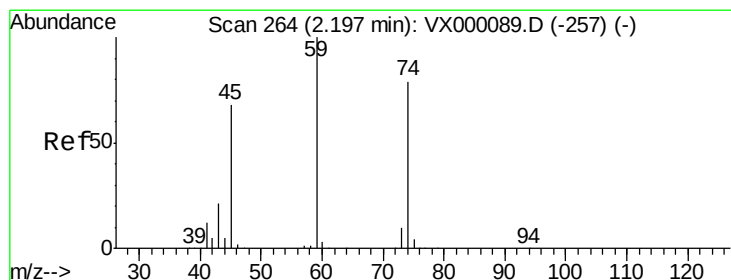
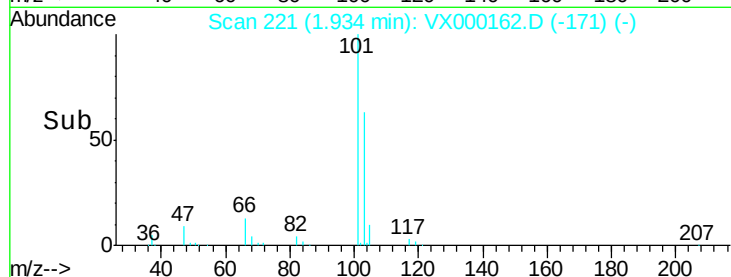
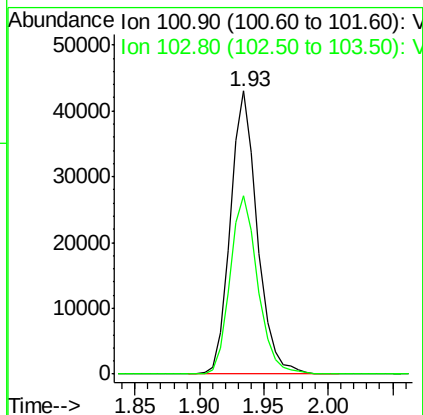
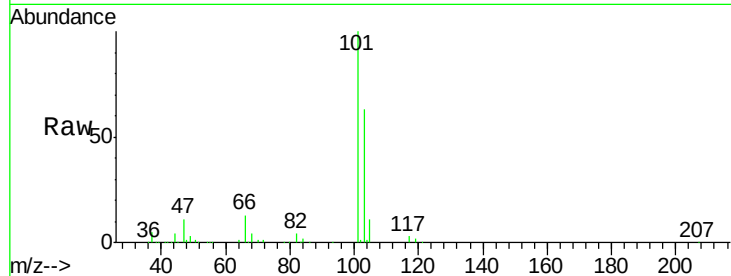


#7

Trichlorofluoromethane
 Concen: 21.67 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

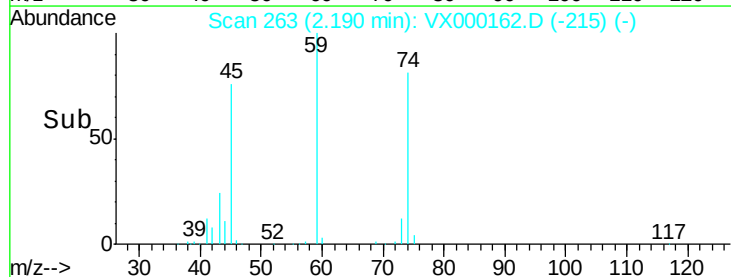
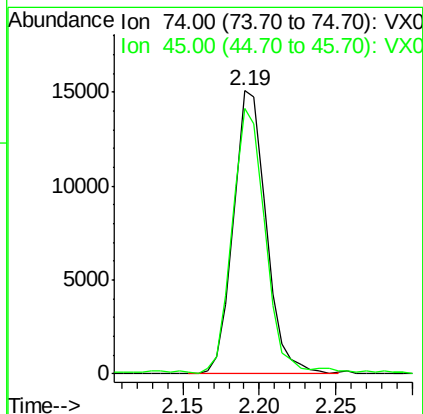
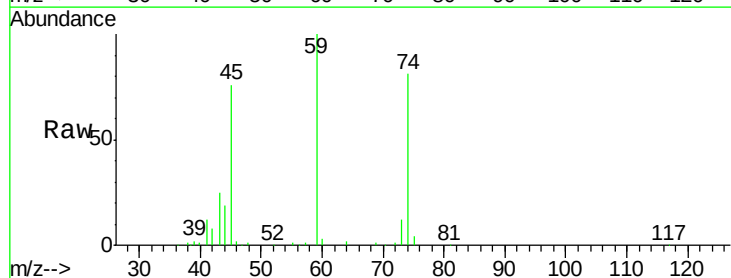
Tgt Ion:101 Resp: 62990
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.7 79.1

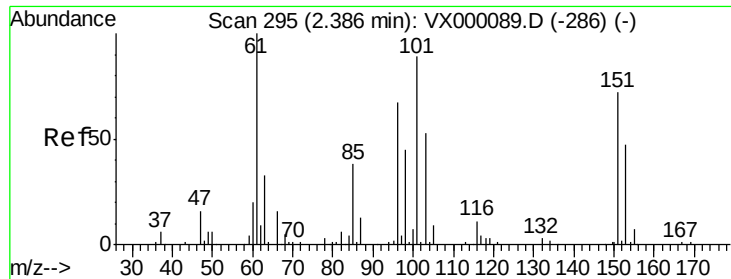


#8

Diethyl Ether
 Concen: 22.33 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 74 Resp: 22401
 Ion Ratio Lower Upper
 74 100
 45 94.1 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

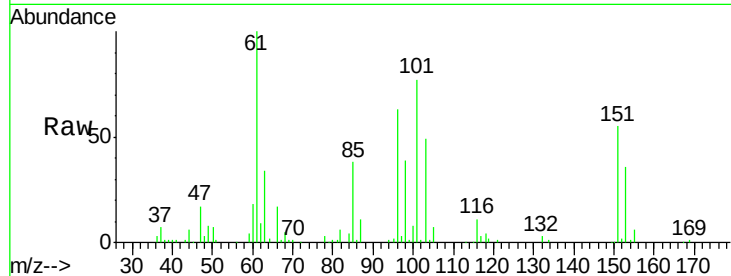
Tgt Ion:101 Resp: 35664

Ion Ratio Lower Upper

101 100

85 48.8 36.7 55.1

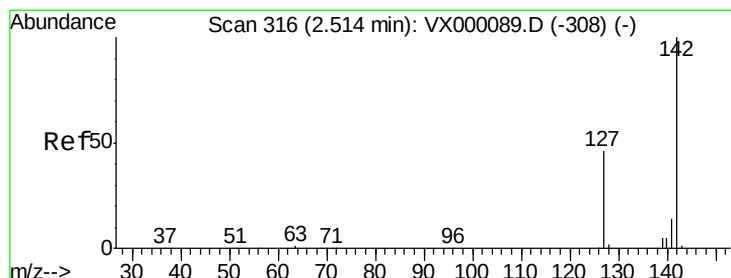
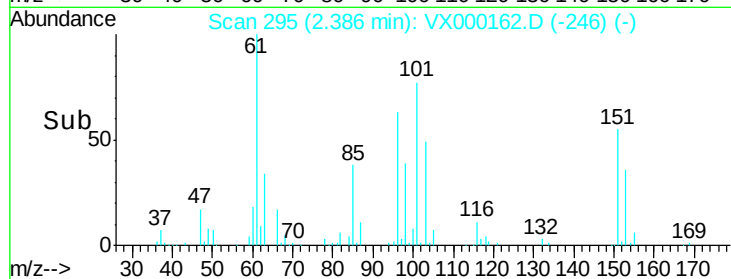
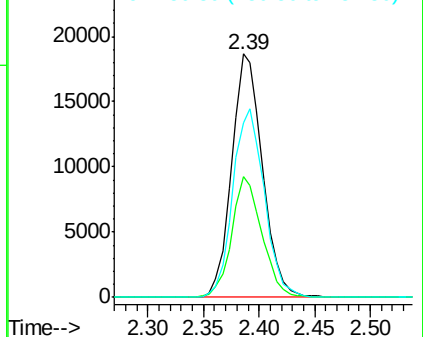
151 79.5 65.8 98.6



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: 14.23 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

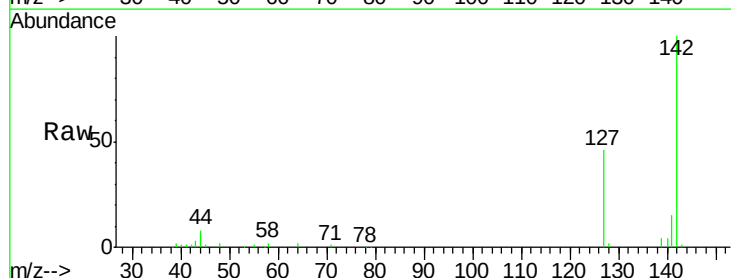
Tgt Ion:142 Resp: 25317

Ion Ratio Lower Upper

142 100

127 47.8 36.8 55.2

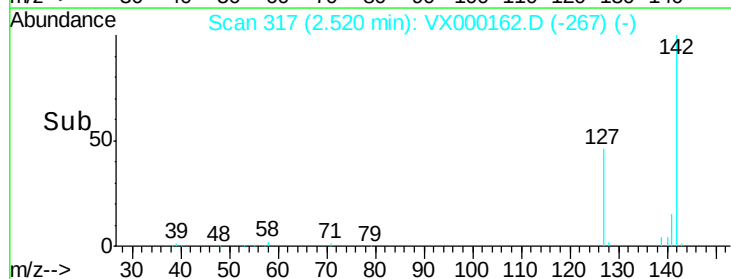
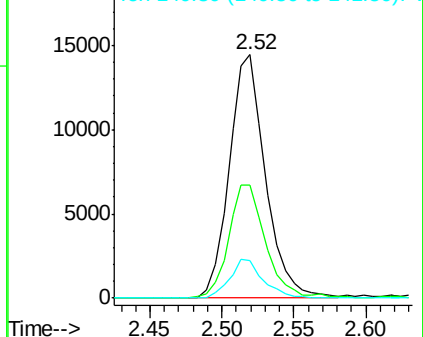
141 14.5 11.6 17.4

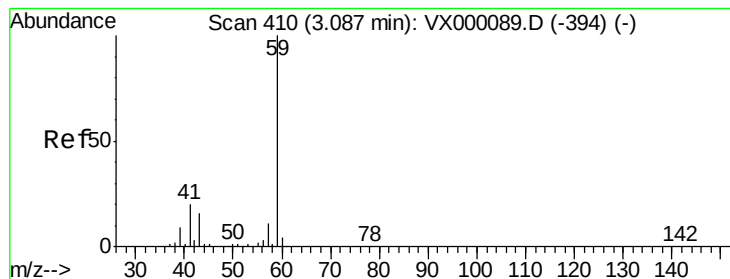


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



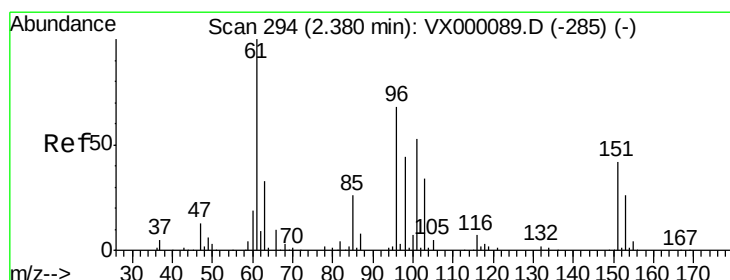
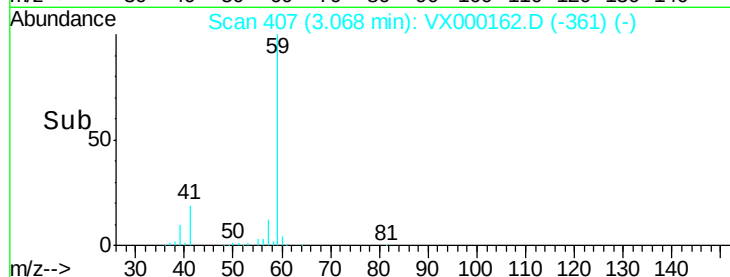
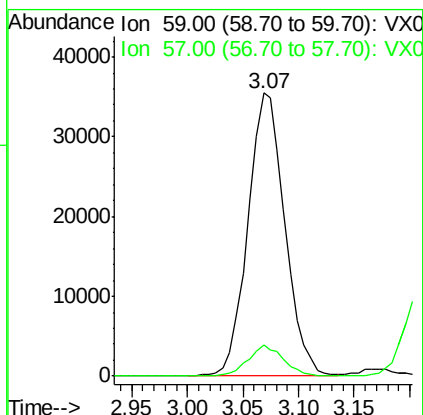
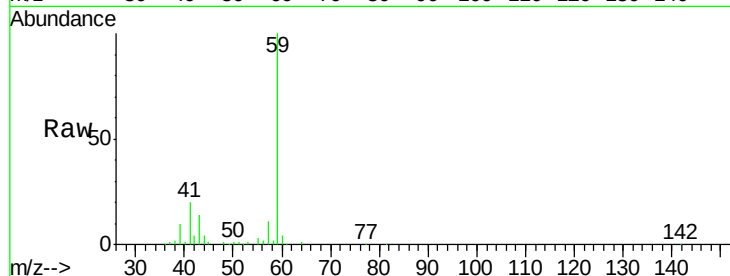


#11

Tert butyl alcohol
 Concen: 117.79 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

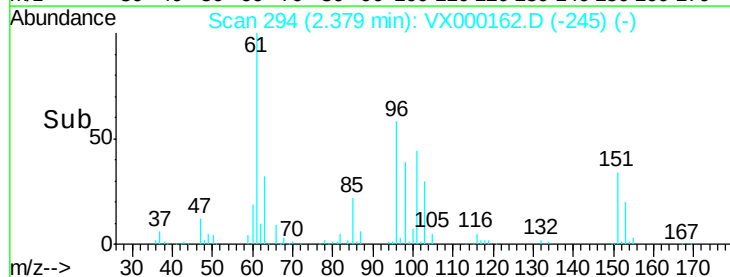
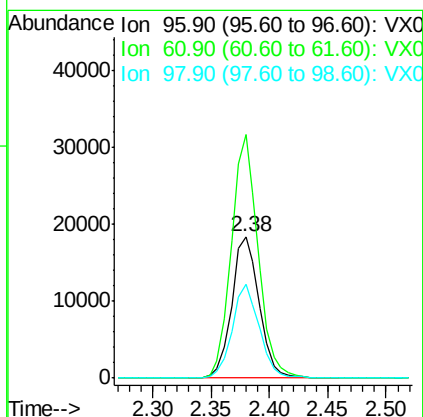
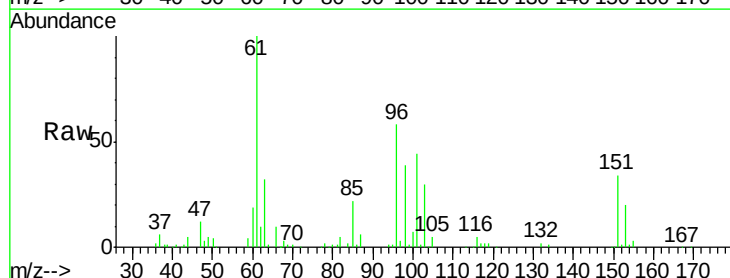
Tgt Ion: 59 Resp: 81907
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

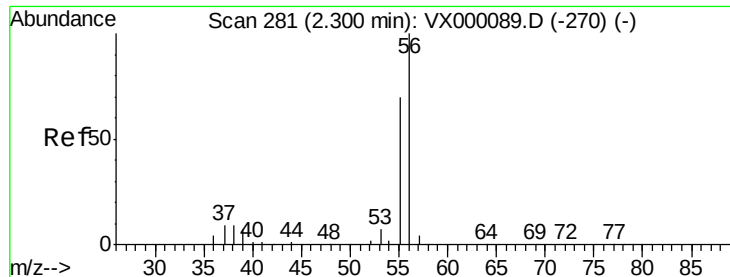


#12

1,1-Dichloroethene
 Concen: 19.93 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 96 Resp: 30165
 Ion Ratio Lower Upper
 96 100
 61 172.2 117.7 176.5
 98 66.7 51.3 76.9





#13

Acrolein

Concen: 24.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

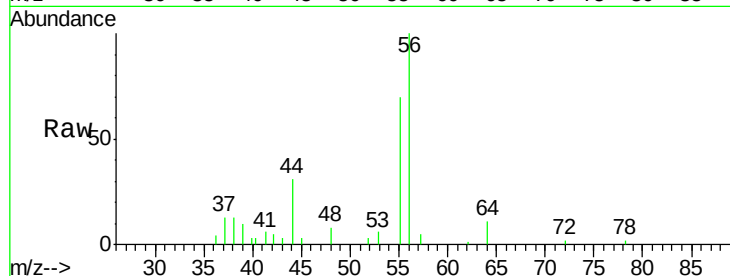
VX0228WBS01

Tgt Ion: 56 Resp: 8119

Ion Ratio Lower Upper

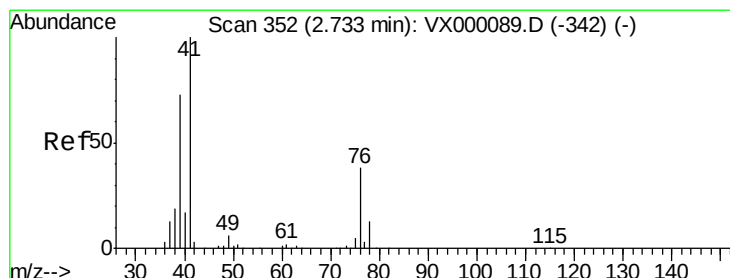
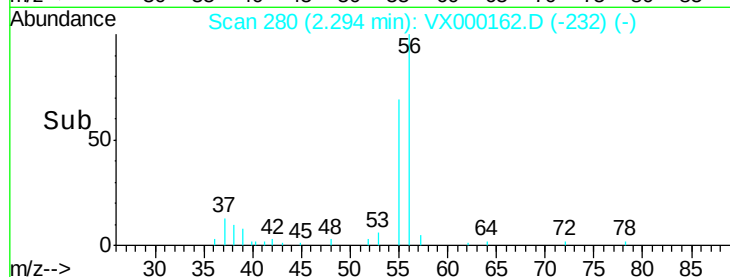
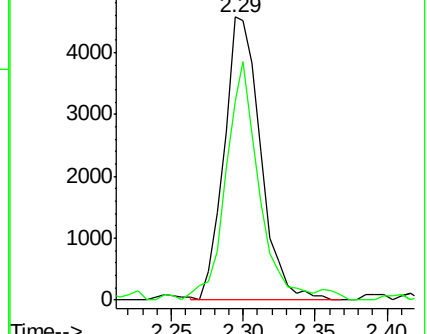
56 100

55 75.6 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 22.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

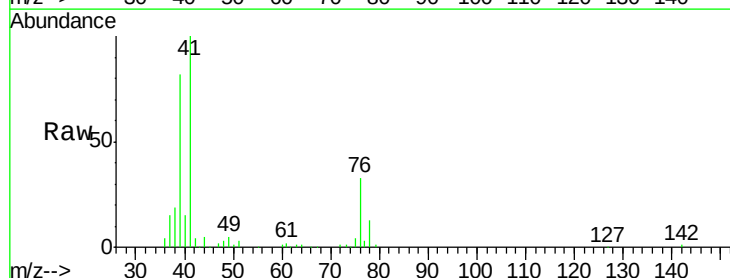
Tgt Ion: 41 Resp: 57369

Ion Ratio Lower Upper

41 100

39 72.1 55.1 82.7

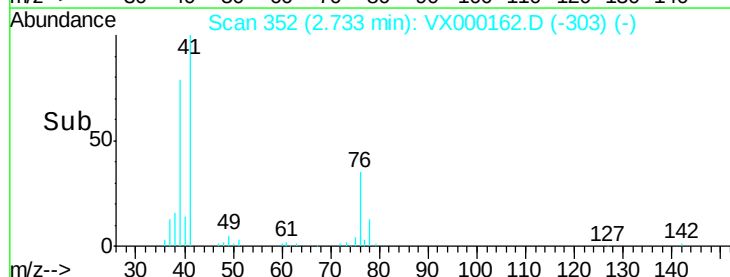
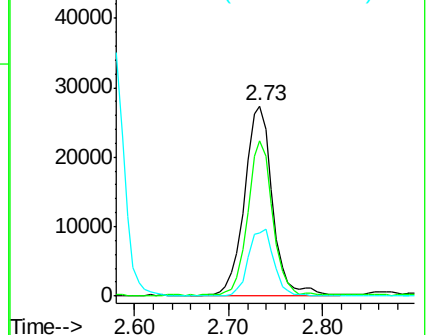
76 31.9 28.5 42.7

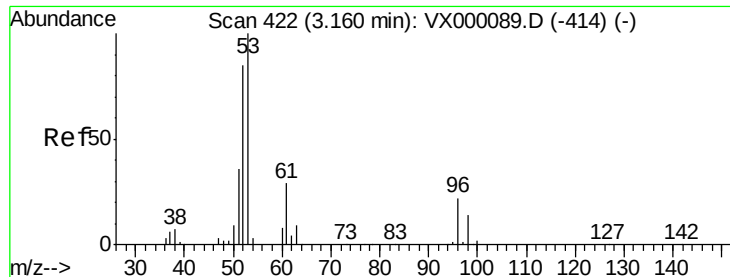


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

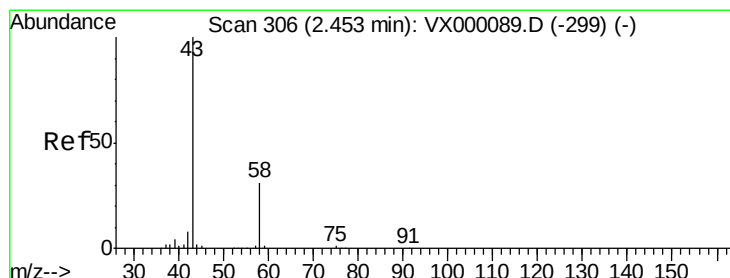
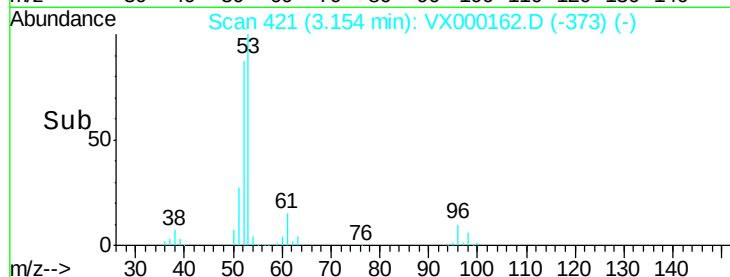
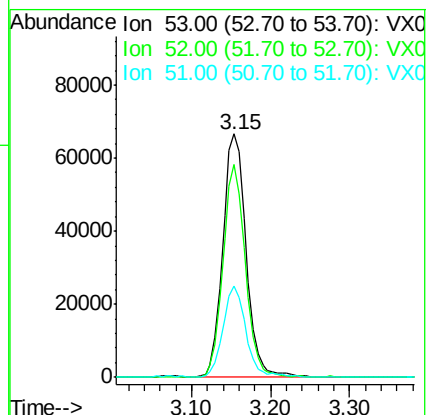
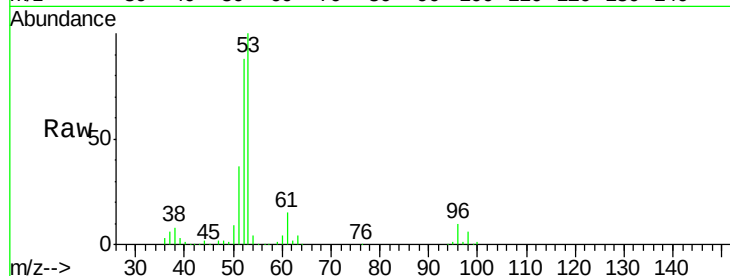
Tgt Ion: 53 Resp: 136570

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 37.1 29.0 43.6



#16

Acetone

Concen: 141.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000162.D

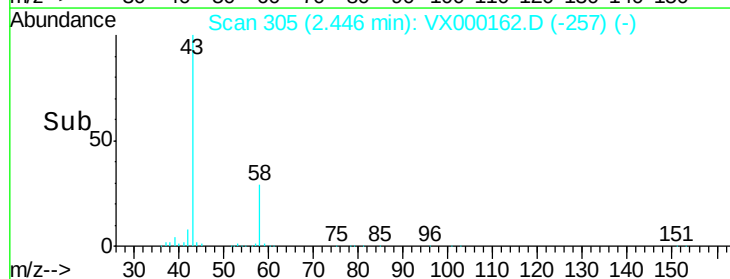
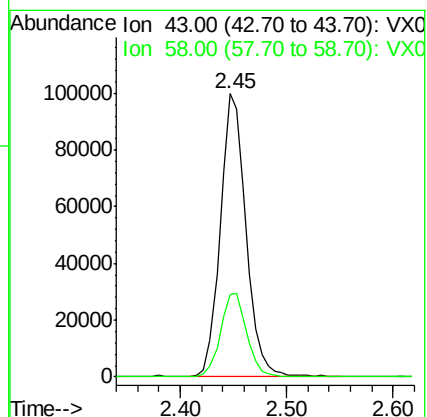
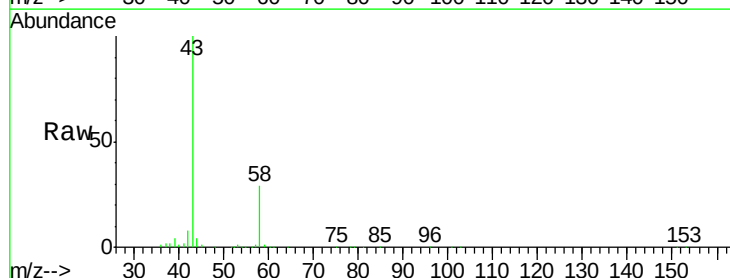
Acq: 28 Feb 2018 12:28

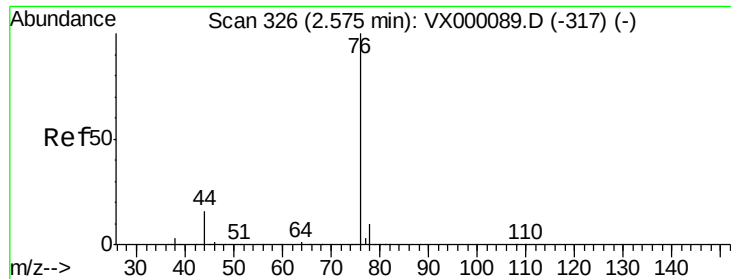
Tgt Ion: 43 Resp: 165916

Ion Ratio Lower Upper

43 100

58 29.1 25.0 37.4

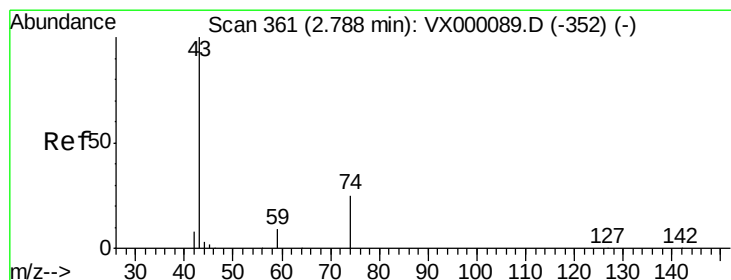
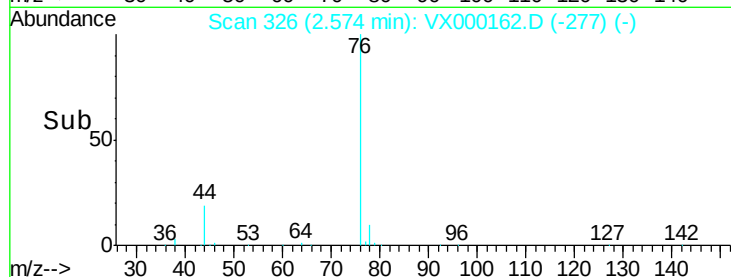
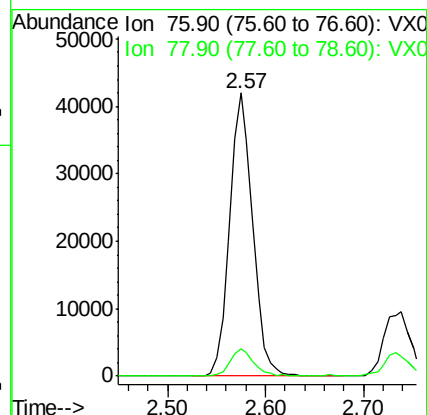
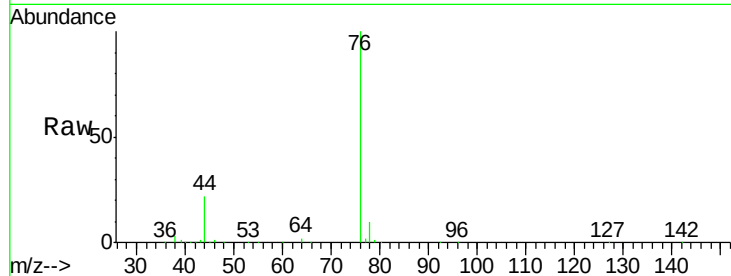




#17
 Carbon Disulfide
 Concen: 15.39 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

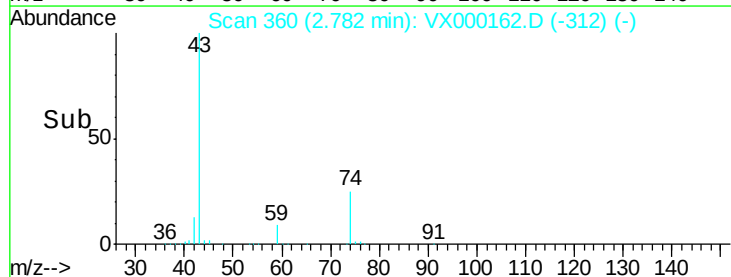
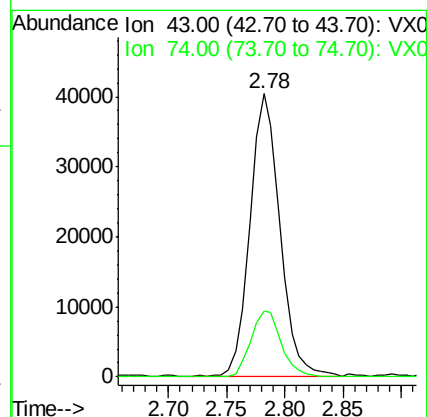
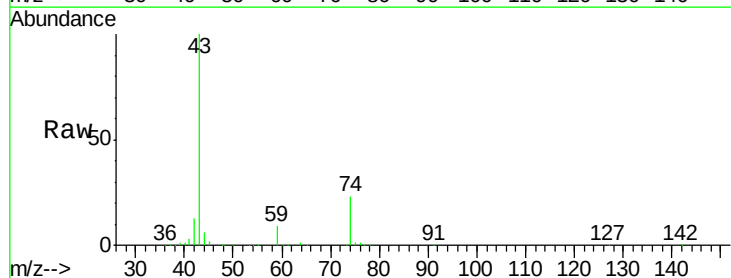
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

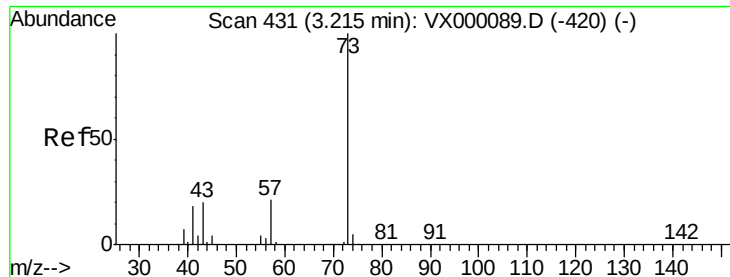
Tgt Ion: 76 Resp: 68553
 Ion Ratio Lower Upper
 76 100
 78 9.9 7.8 11.8



#18
 Methyl Acetate
 Concen: 26.28 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 43 Resp: 72119
 Ion Ratio Lower Upper
 43 100
 74 23.9 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 23.33 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

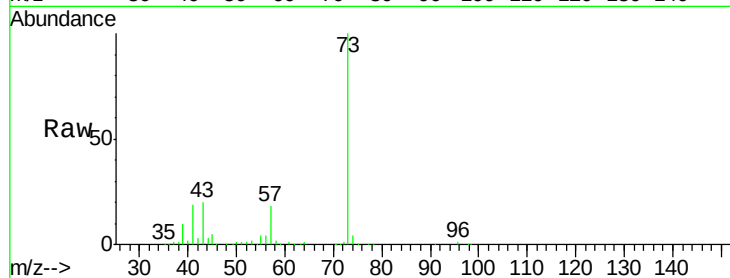
VX0228WBS01

Tgt Ion: 73 Resp: 121178

Ion Ratio Lower Upper

73 100

57 18.3 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

60000

50000

40000

30000

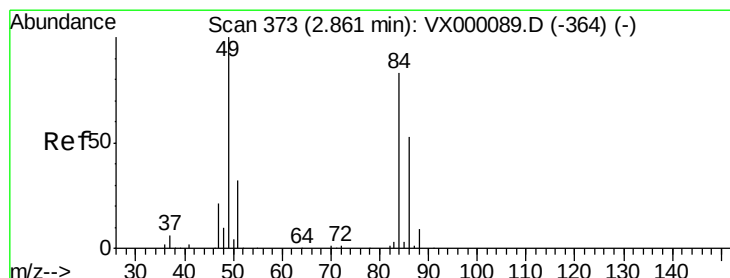
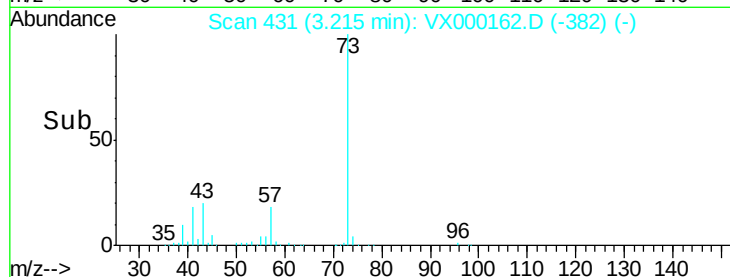
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 22.78 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion: 84 Resp: 35290

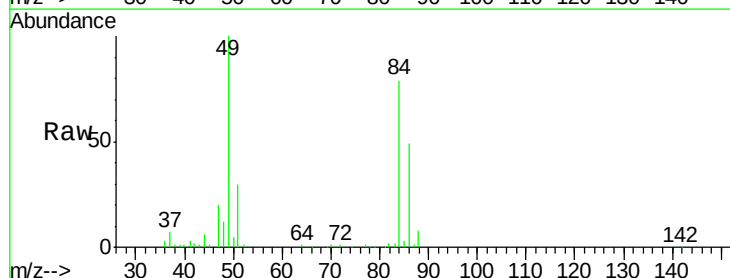
Ion Ratio Lower Upper

84 100

49 126.4 96.1 144.1

51 37.4 30.5 45.7

86 62.6 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

30000

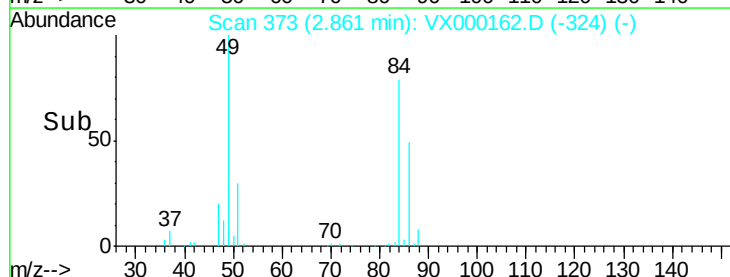
20000

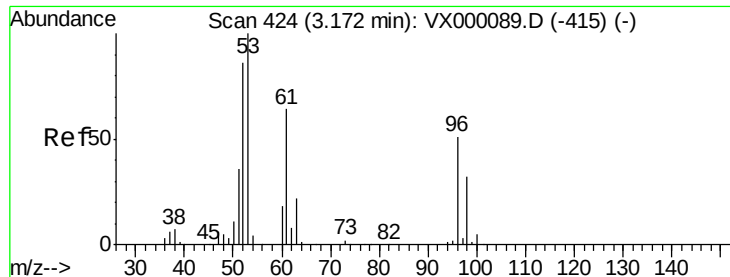
10000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 20.50 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

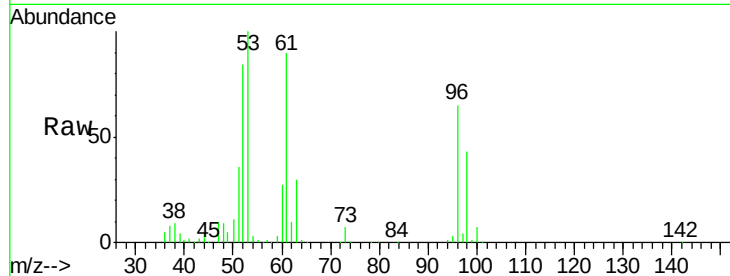
Tgt Ion: 96 Resp: 33626

Ion Ratio Lower Upper

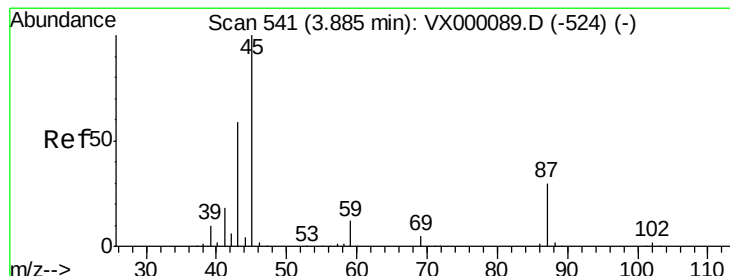
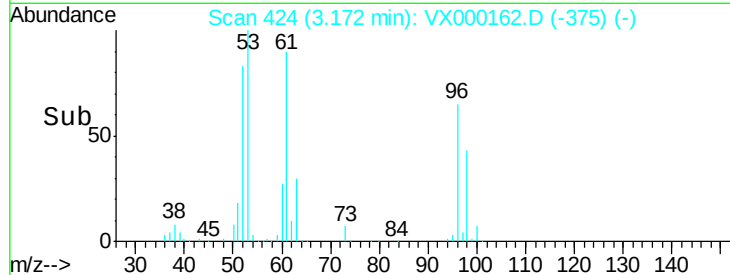
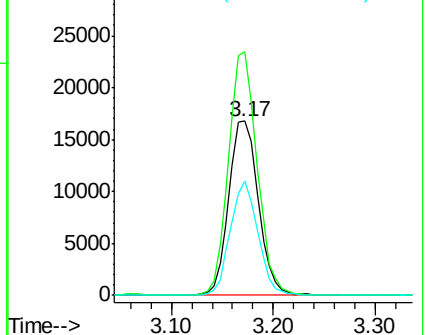
96 100

61 139.7 100.3 150.5

98 65.9 50.6 75.8



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



#22

Diisopropyl ether

Concen: 24.55 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Tgt Ion: 45 Resp: 108650

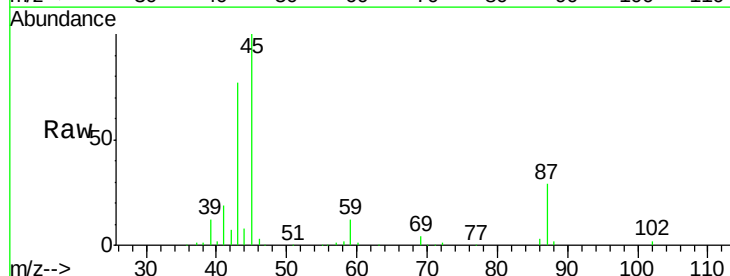
Ion Ratio Lower Upper

45 100

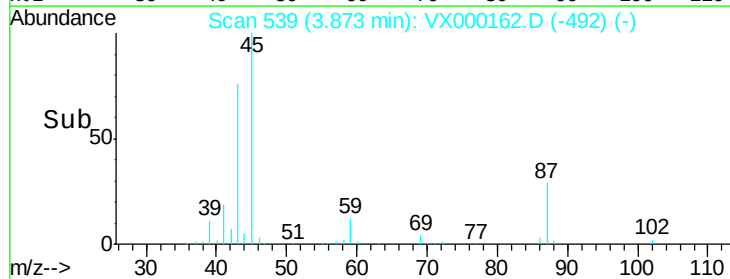
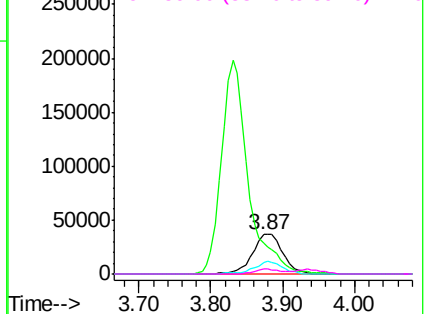
43 76.2 47.4 71.2#

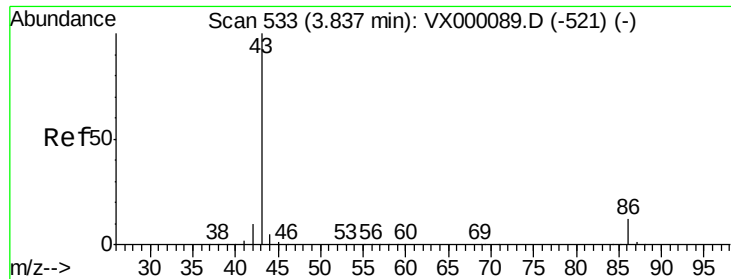
87 29.0 24.2 36.2

59 11.8 9.2 13.8



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





#23

Vinyl Acetate

Concen: 125.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

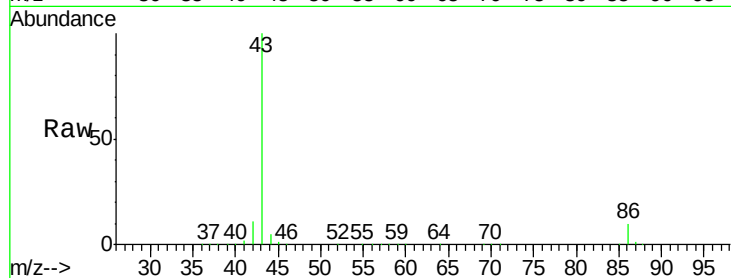
VX0228WBS01

Tgt Ion: 43 Resp: 514402

Ion Ratio Lower Upper

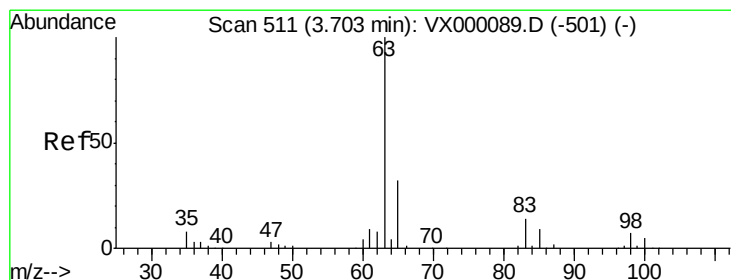
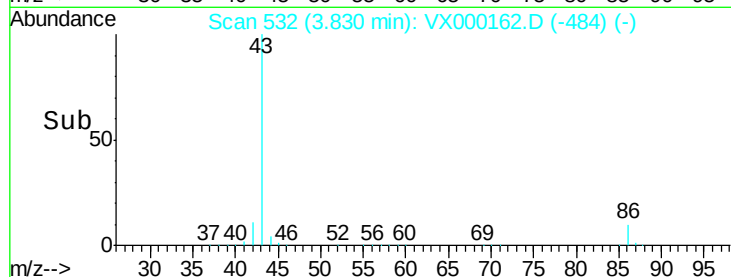
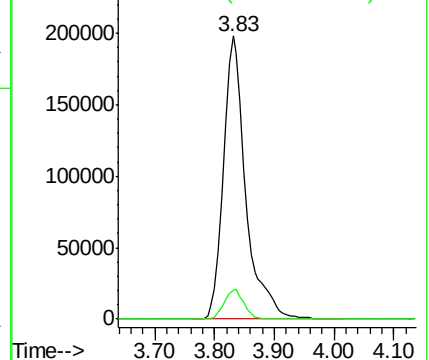
43 100

86 10.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.62 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

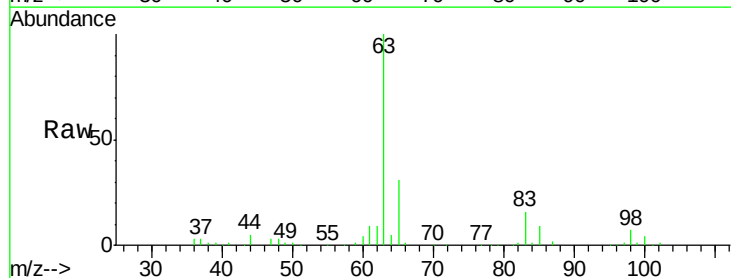
Tgt Ion: 63 Resp: 61940

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

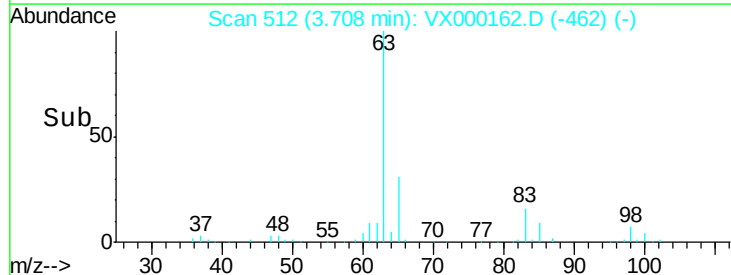
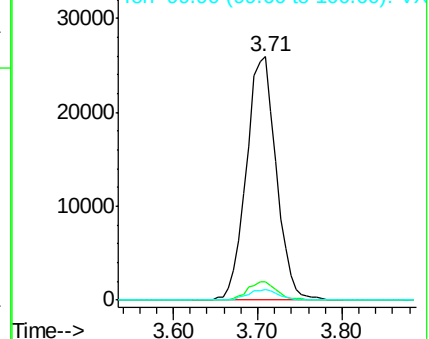
100 4.3 2.4 7.1

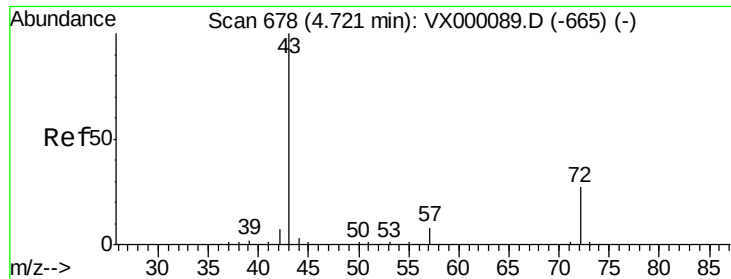


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 120.41 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

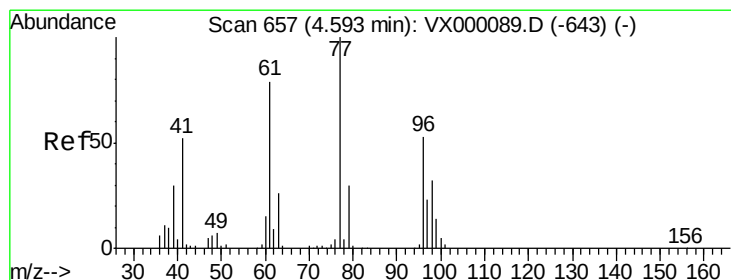
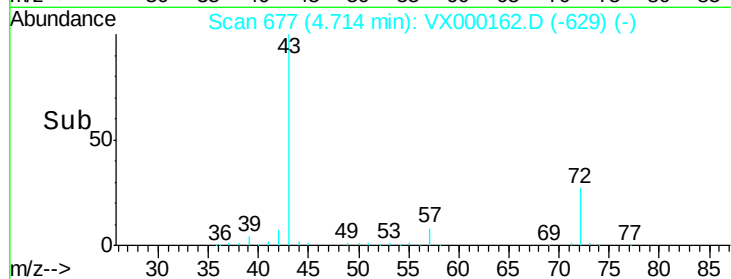
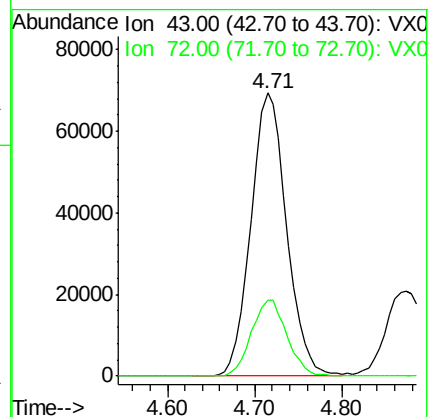
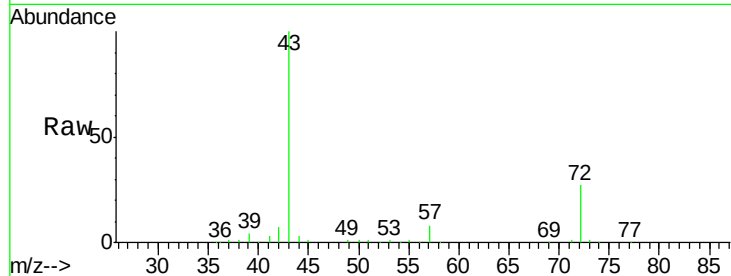
VX0228WBS01

Tgt Ion: 43 Resp: 196718

Ion Ratio Lower Upper

43 100

72 26.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.02 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000162.D

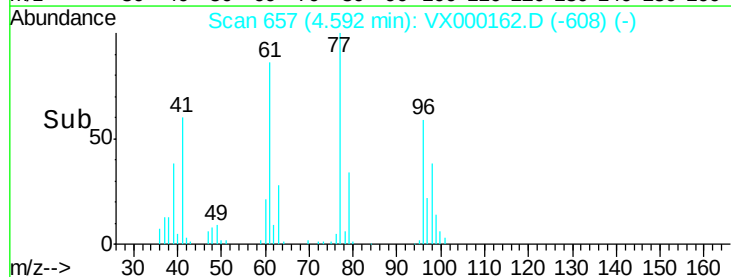
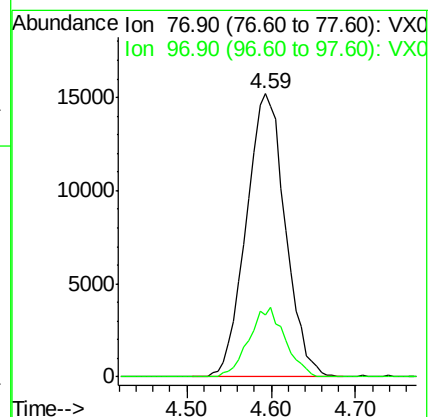
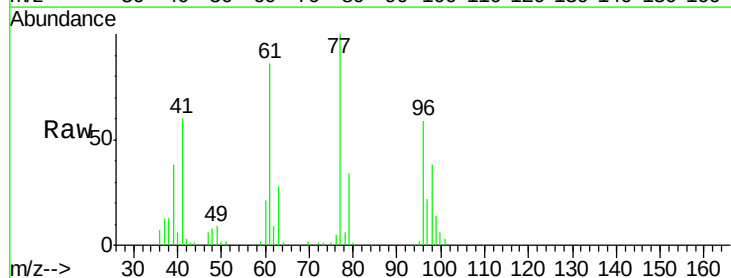
Acq: 28 Feb 2018 12:28

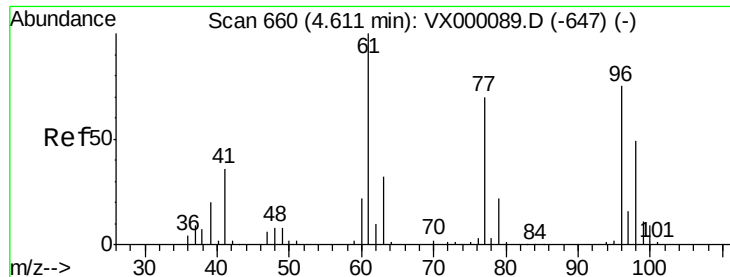
Tgt Ion: 77 Resp: 47908

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.99 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

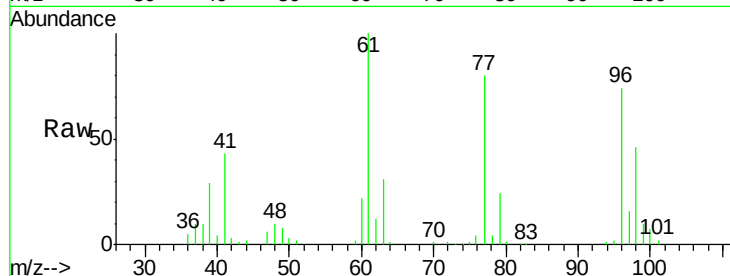
Tgt Ion: 96 Resp: 34368

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.6

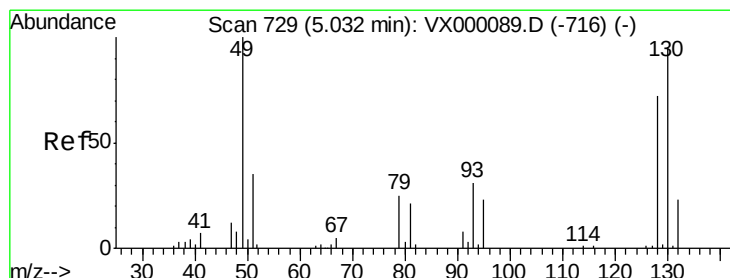
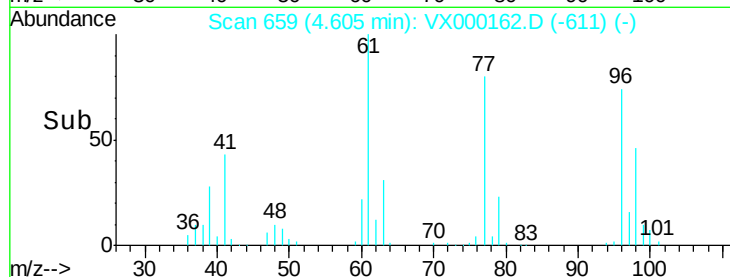
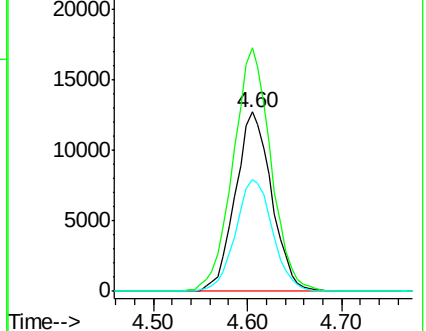
98 63.6 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 24.14 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

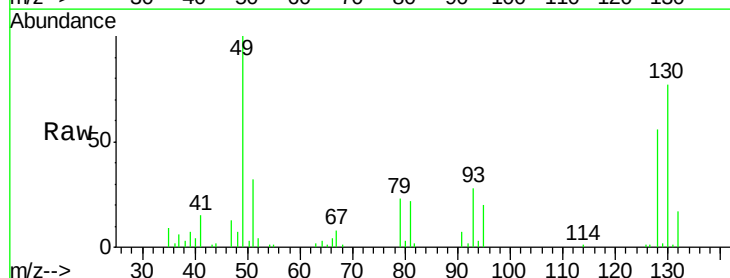
Tgt Ion: 49 Resp: 28387

Ion Ratio Lower Upper

49 100

129 1.9 0.0 5.0

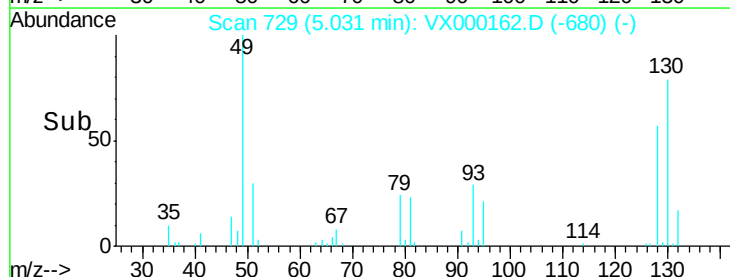
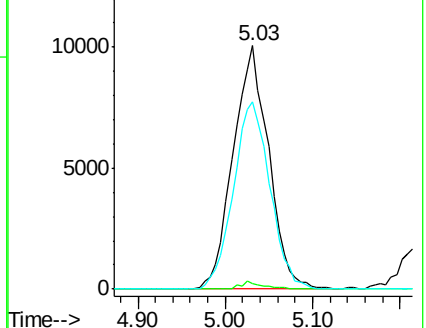
130 79.1 71.9 107.9

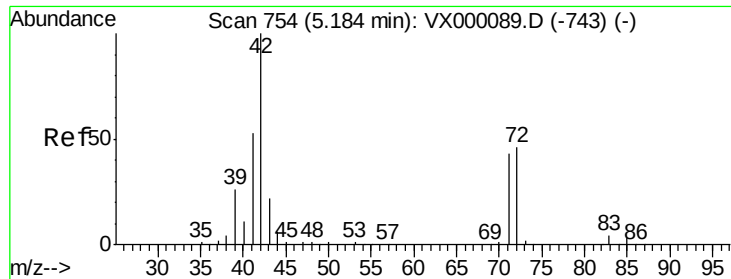


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 111.64 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

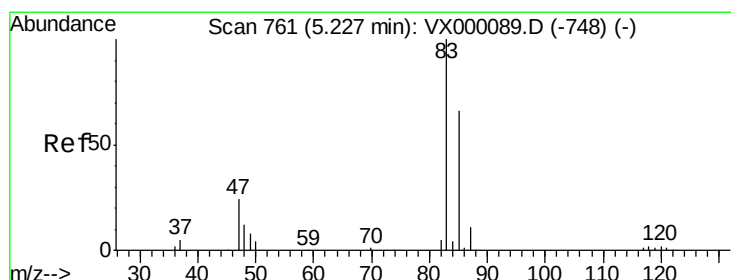
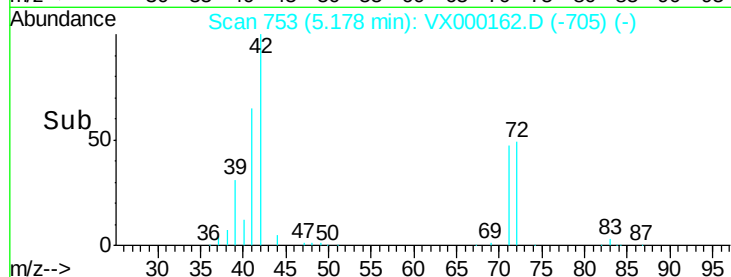
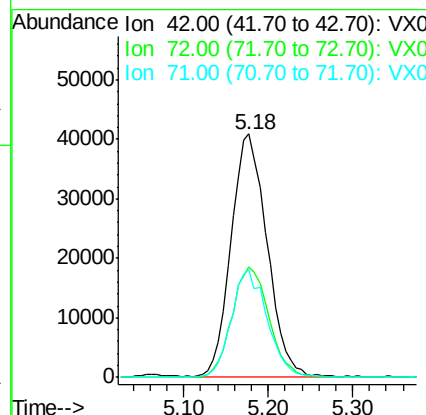
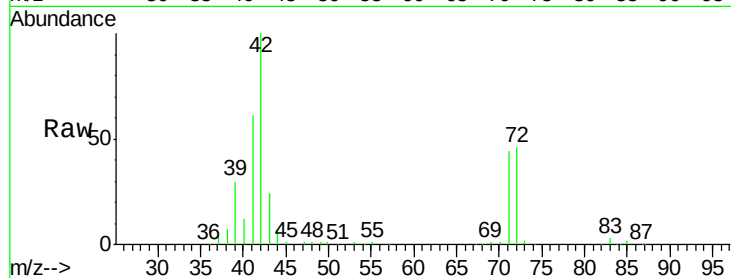
Tgt Ion: 42 Resp: 118772

Ion Ratio Lower Upper

42 100

72 46.6 38.6 58.0

71 43.9 36.2 54.4



#30

Chloroform

Concen: 21.91 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000162.D

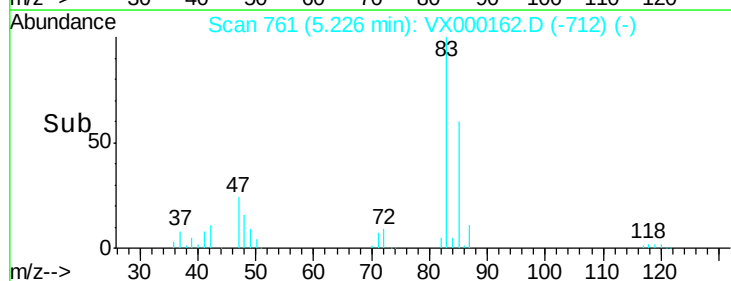
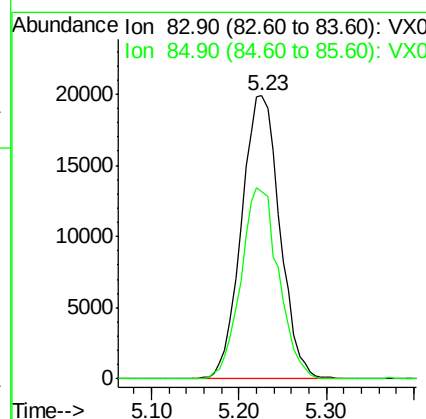
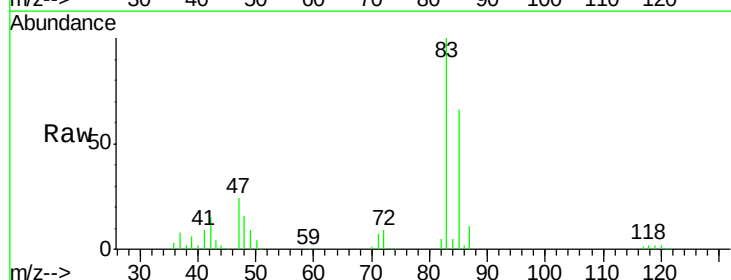
Acq: 28 Feb 2018 12:28

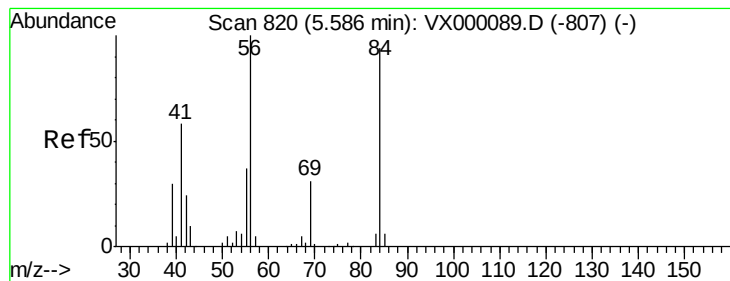
Tgt Ion: 83 Resp: 60480

Ion Ratio Lower Upper

83 100

85 66.1 52.7 79.1





#31

Cyclohexane

Concen: 20.16 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

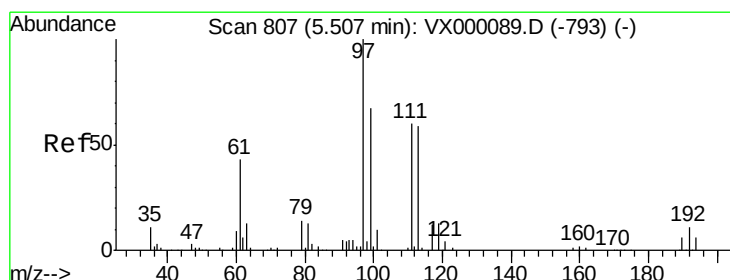
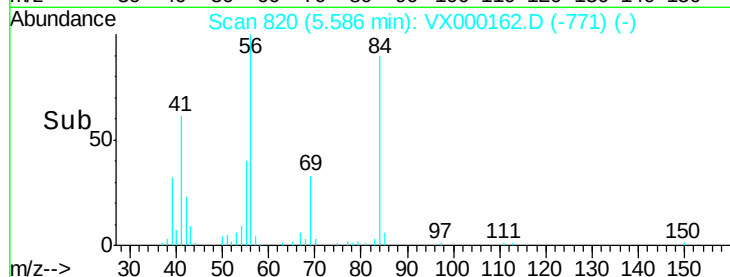
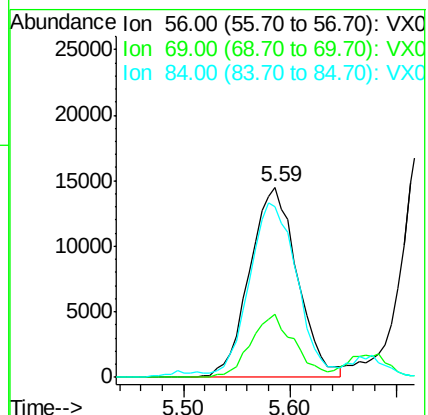
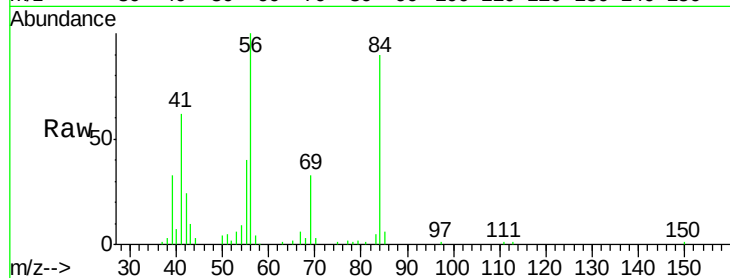
Tgt Ion: 56 Resp: 45449

Ion Ratio Lower Upper

56 100

69 33.5 24.9 37.3

84 87.3 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 20.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

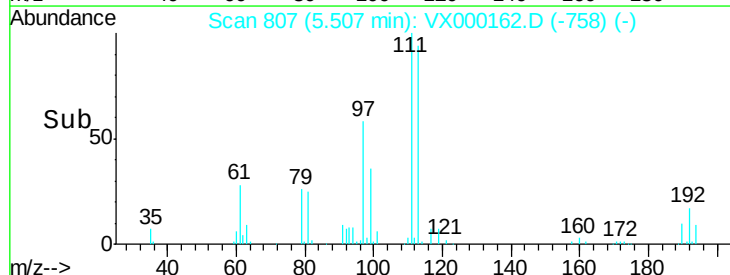
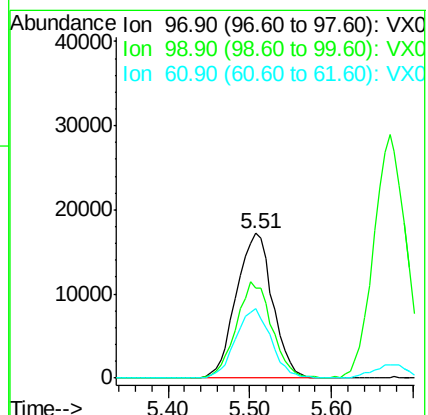
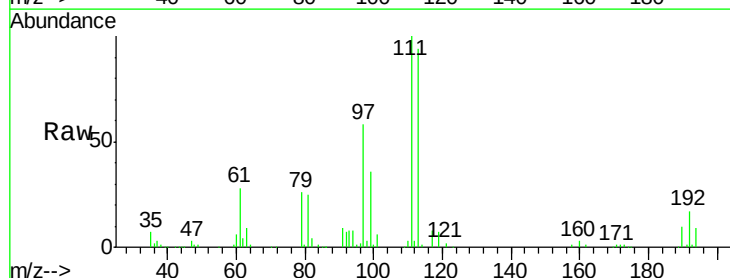
Tgt Ion: 97 Resp: 53187

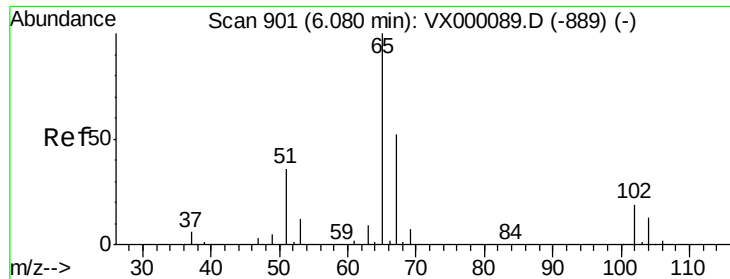
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.8 33.4 50.0

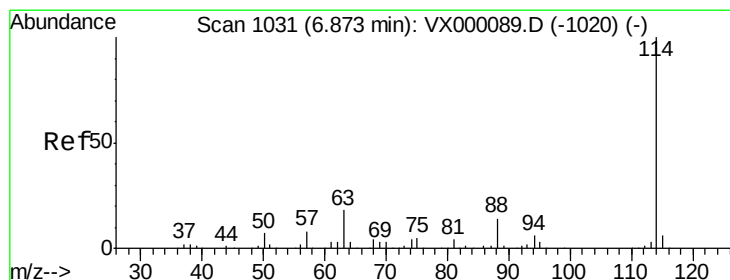
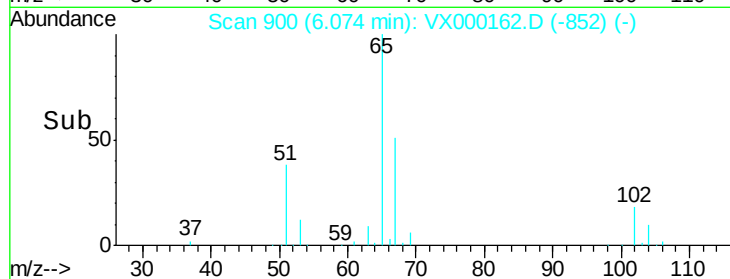
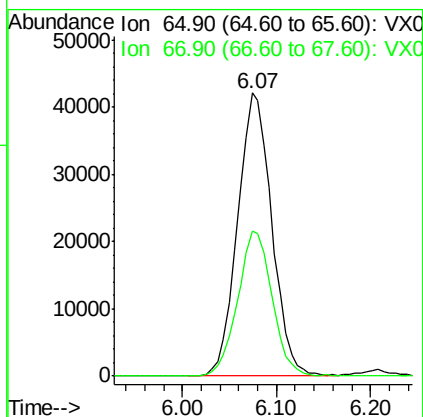
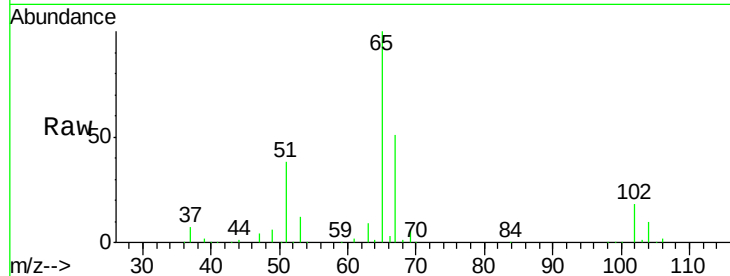




#33
 1,2-Dichloroethane-d4
 Concen: 59.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

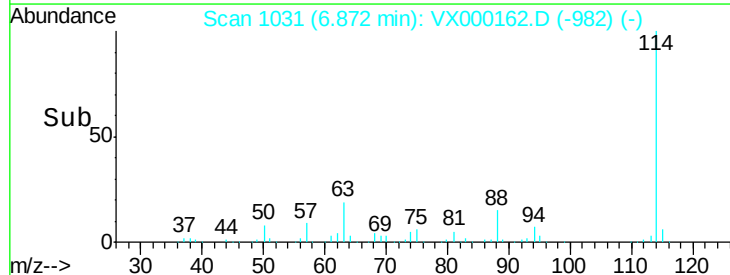
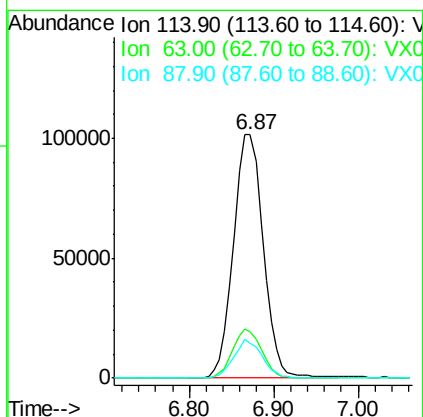
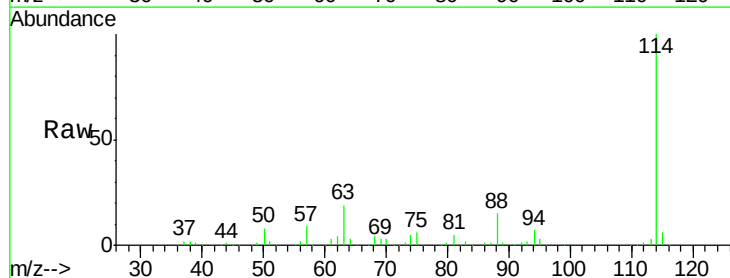
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

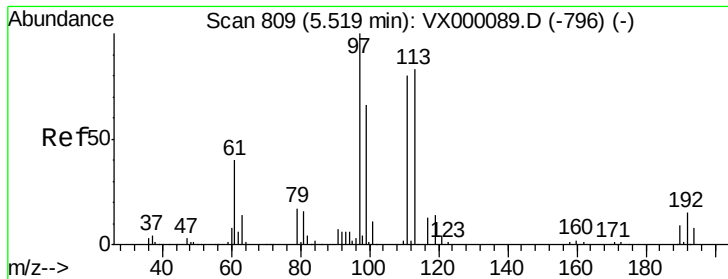
Tgt Ion: 65 Resp: 106879
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 114 Resp: 244431
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.4
 88 14.5 0.0 29.0

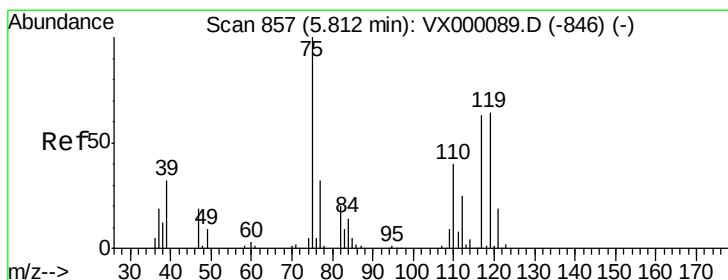
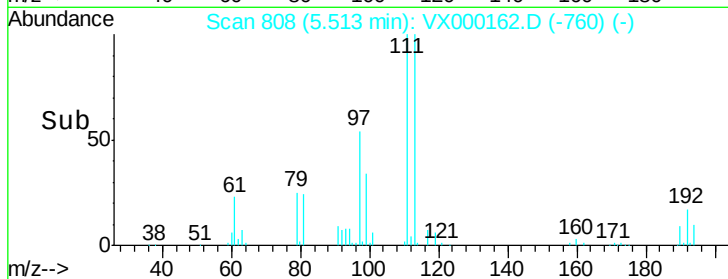
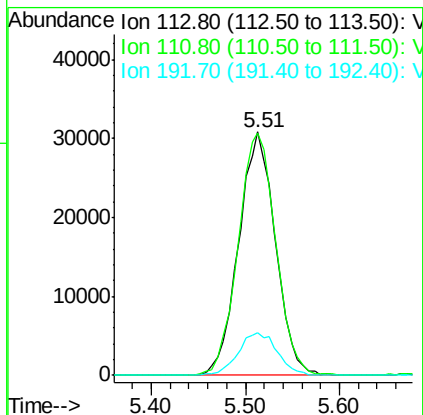
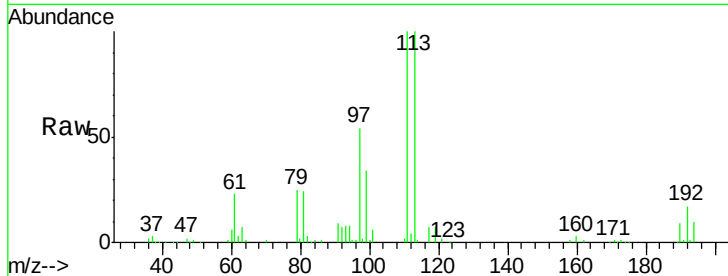




#35
 Dibromofluoromethane
 Concen: 54.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

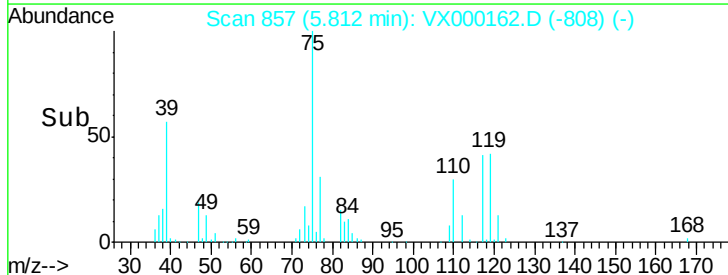
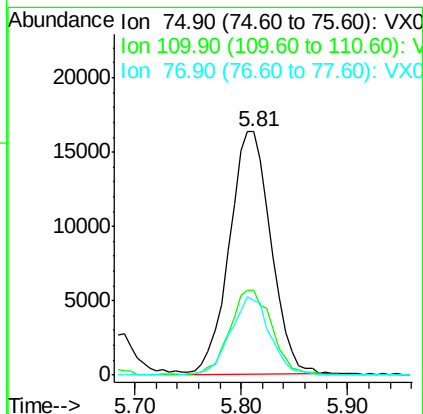
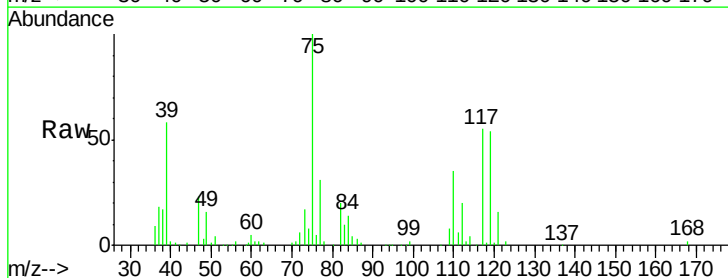
Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

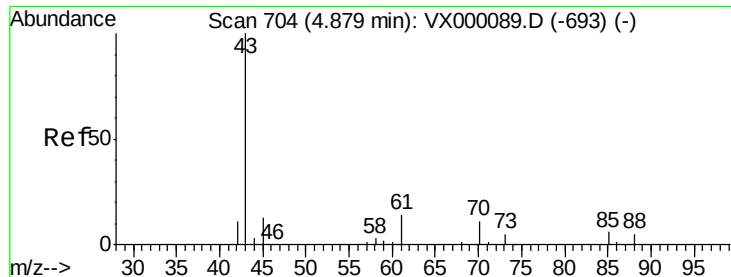
Tgt Ion:113 Resp: 84081
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 18.6 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 20.27 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 75 Resp: 44467
 Ion Ratio Lower Upper
 75 100
 110 35.6 19.5 58.5
 77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.99 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

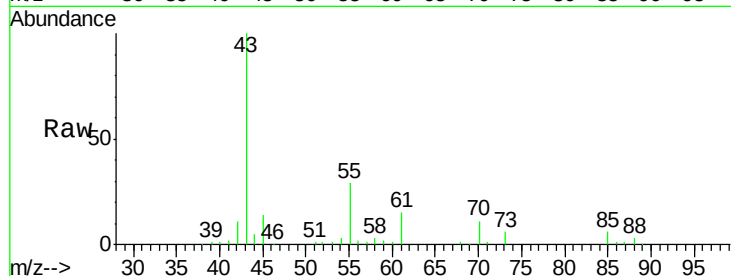
Tgt Ion: 43 Resp: 63273

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

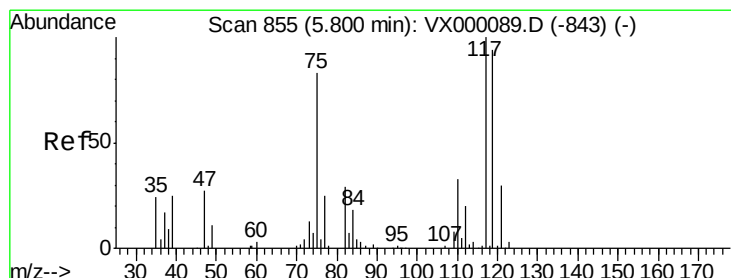
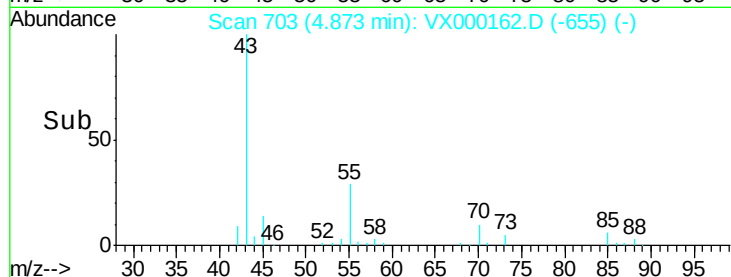
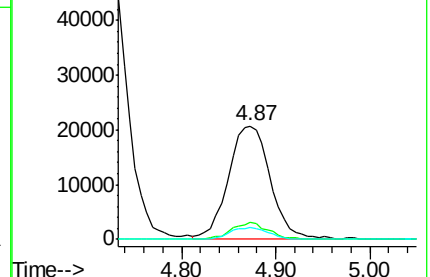
70 9.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX000089.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX000089.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX000089.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 19.55 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

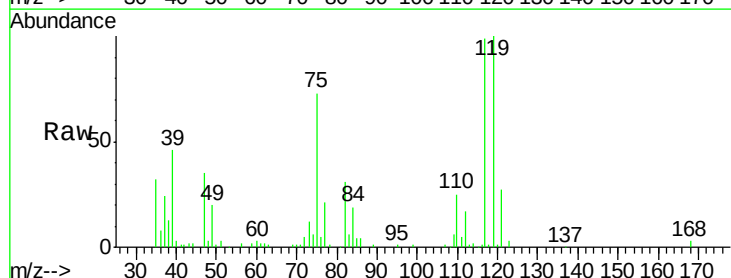
Tgt Ion: 117 Resp: 46326

Ion Ratio Lower Upper

117 100

119 101.3 75.3 112.9

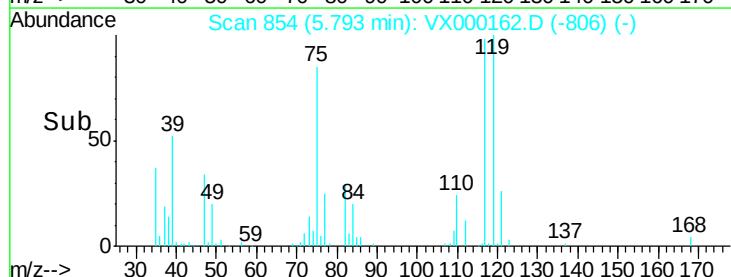
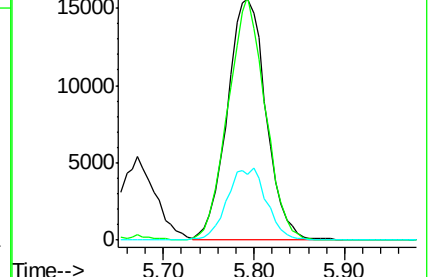
121 27.2 23.7 35.5

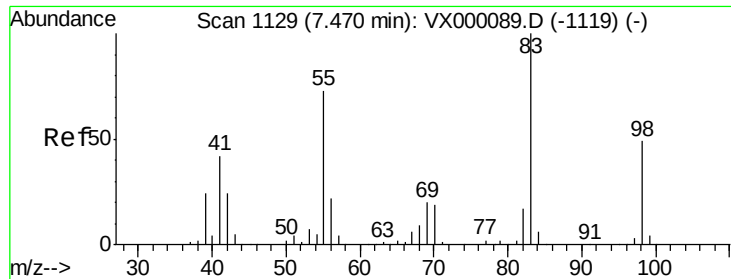


Abundance Ion 116.80 (116.50 to 117.50): VX000089.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000089.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000089.D (-843) (-)

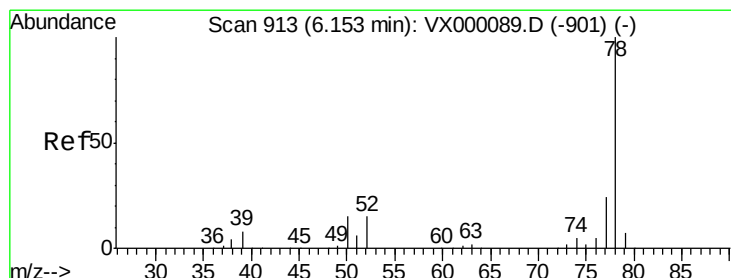
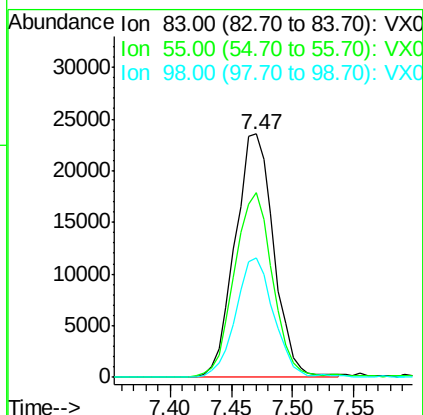
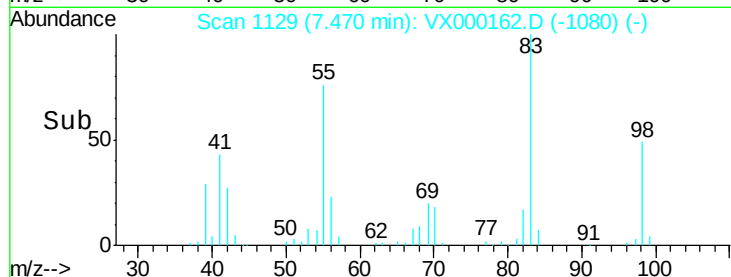
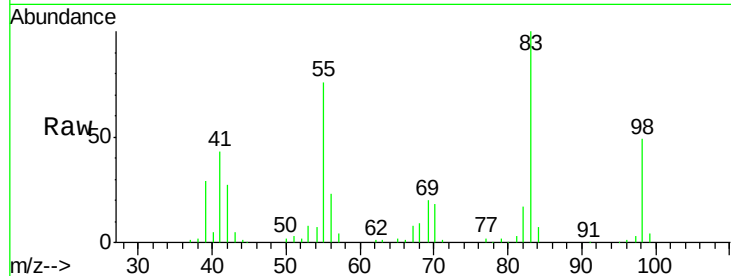




#39
Methylcyclohexane
Concen: 19.63 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

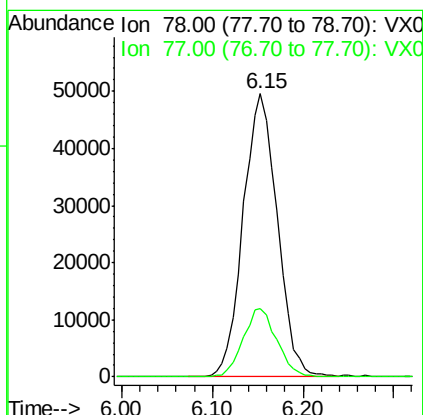
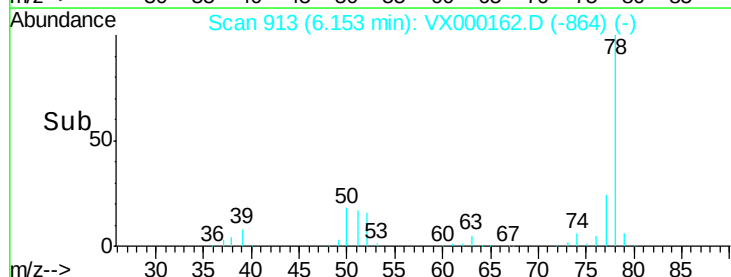
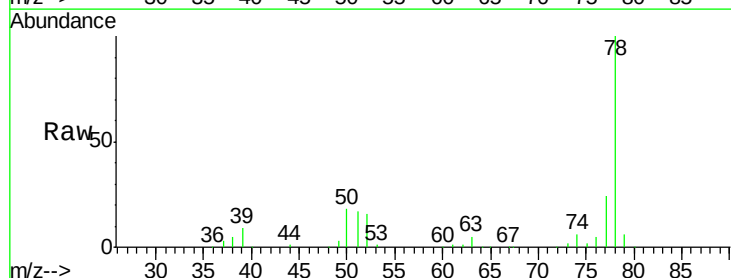
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

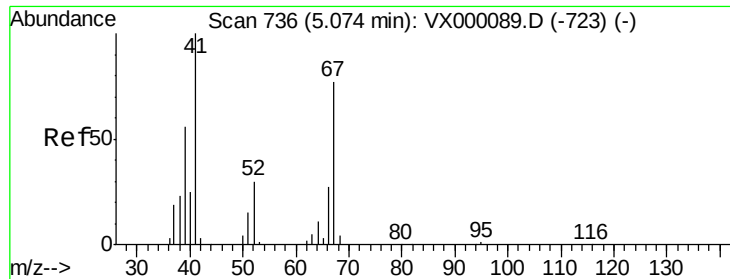
Tgt Ion: 83 Resp: 51835
Ion Ratio Lower Upper
83 100
55 76.0 58.2 87.2
98 48.8 39.0 58.6



#40
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 78 Resp: 129321
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

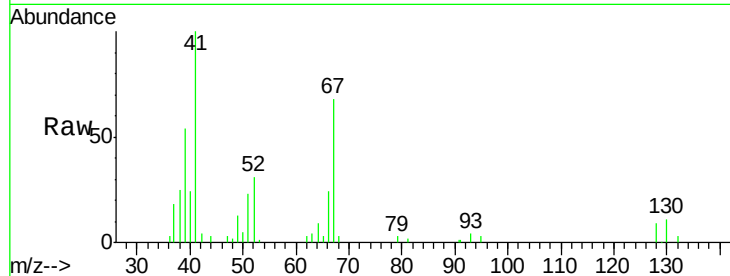




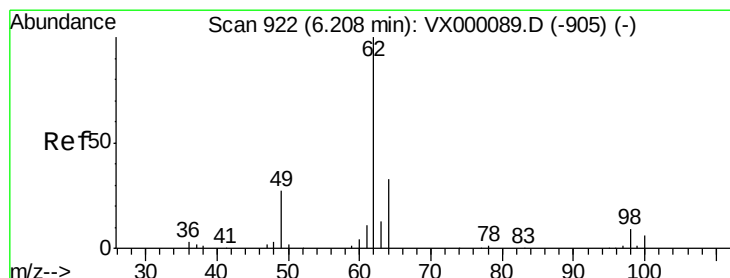
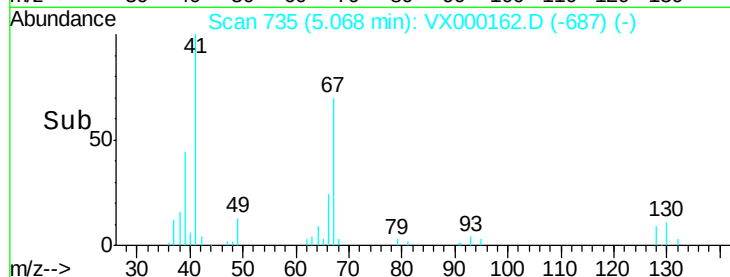
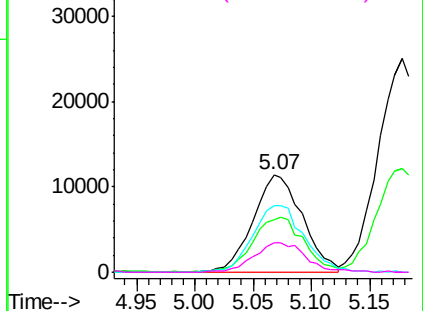
#41
Methacrylonitrile
Concen: 22.90 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:	41	Resp:	33526
Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.1	67.7
67	71.8	61.0	91.4
52	32.2	25.8	38.6

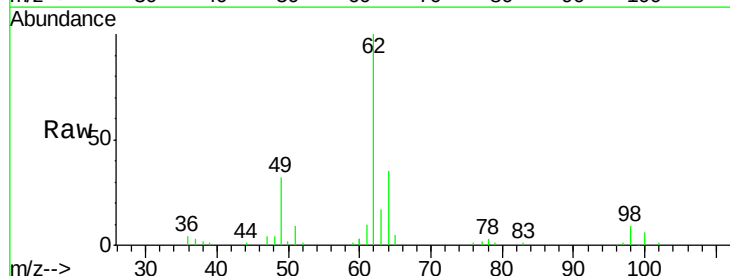


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

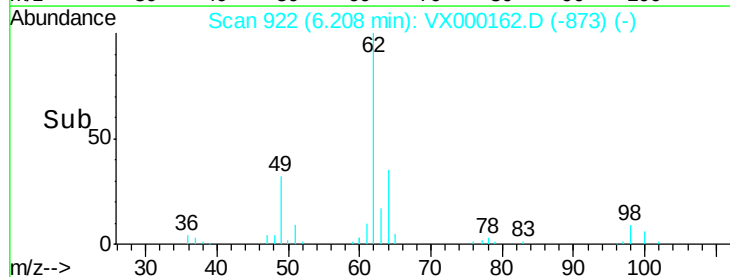
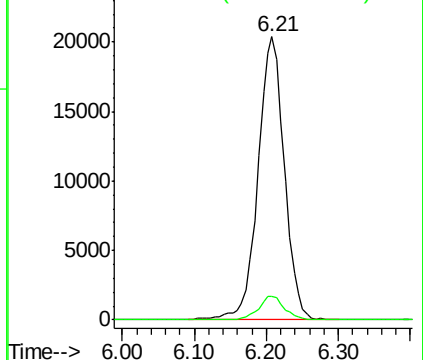


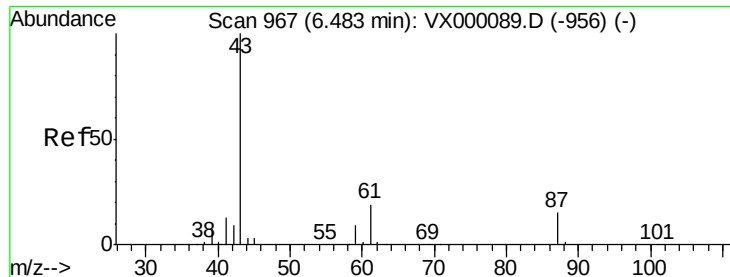
#42
1,2-Dichloroethane
Concen: 22.50 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:	62	Resp:	51744
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 22.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

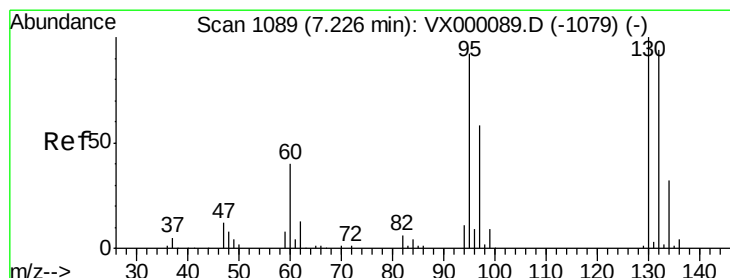
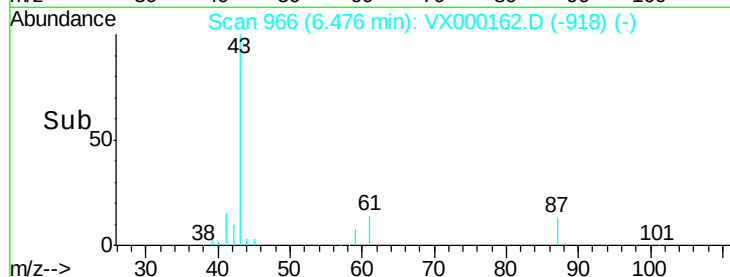
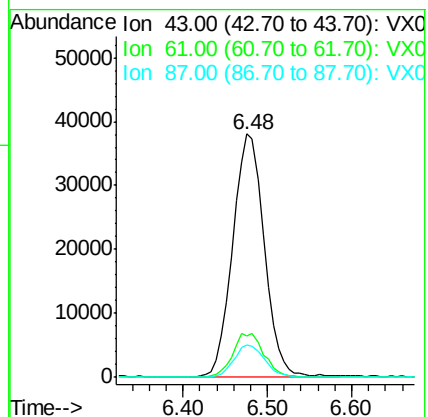
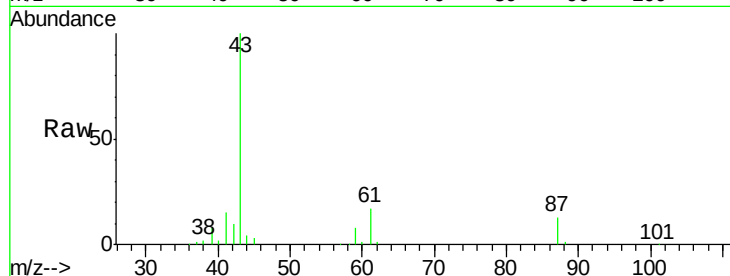
Tgt Ion: 43 Resp: 96978

Ion Ratio Lower Upper

43 100

61 17.9 15.6 23.4

87 12.7 11.7 17.5



#44

Trichloroethene

Concen: 20.41 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000162.D

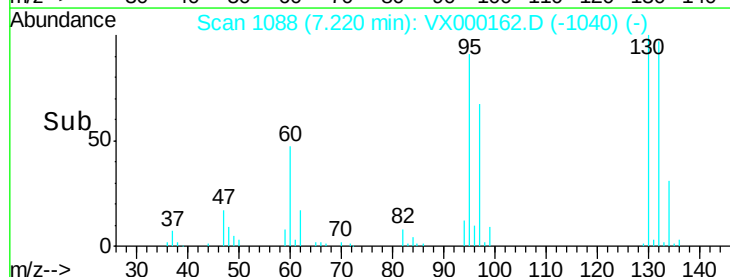
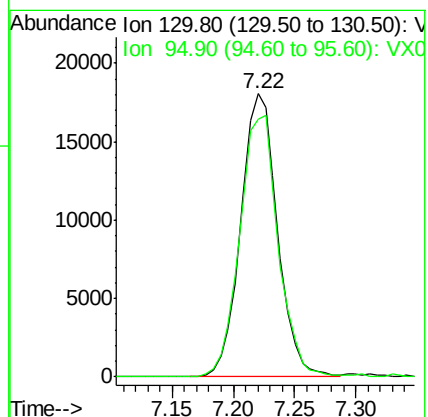
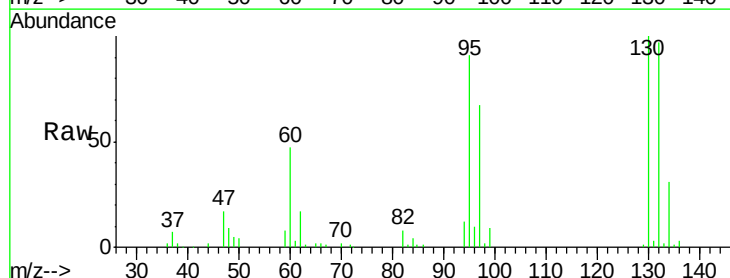
Acq: 28 Feb 2018 12:28

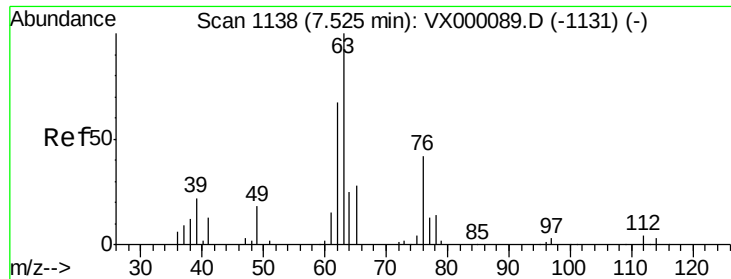
Tgt Ion: 130 Resp: 37677

Ion Ratio Lower Upper

130 100

95 91.1 0.0 183.4

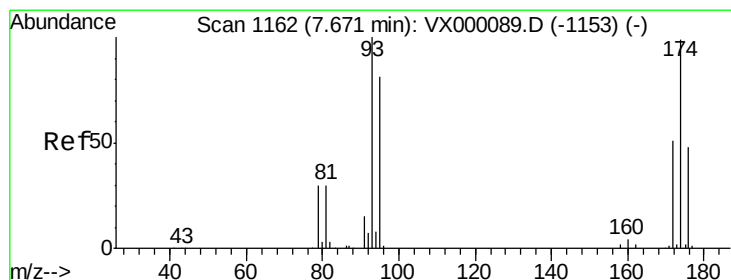
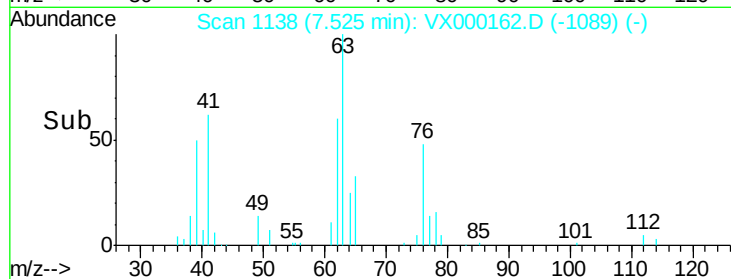
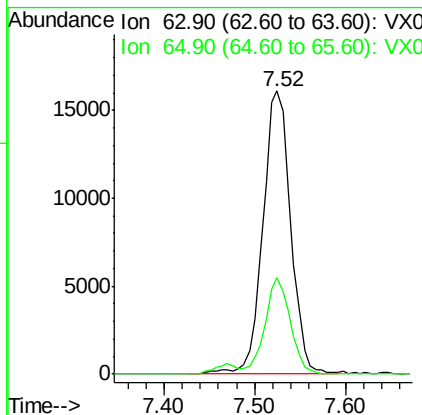
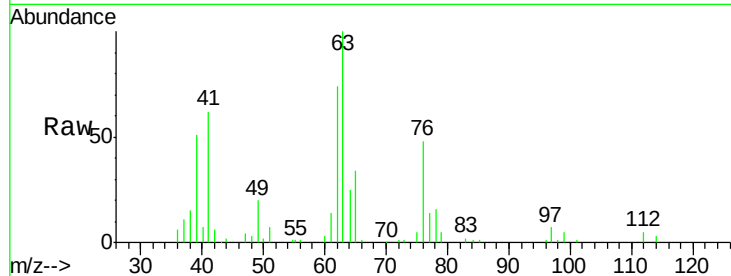




#45
 1,2-Dichloropropane
 Concen: 22.24 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

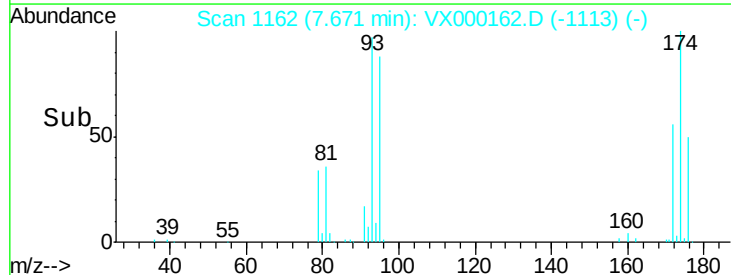
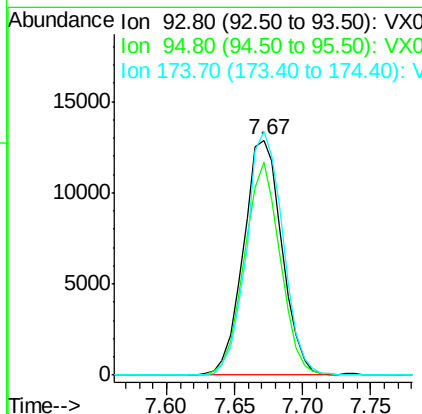
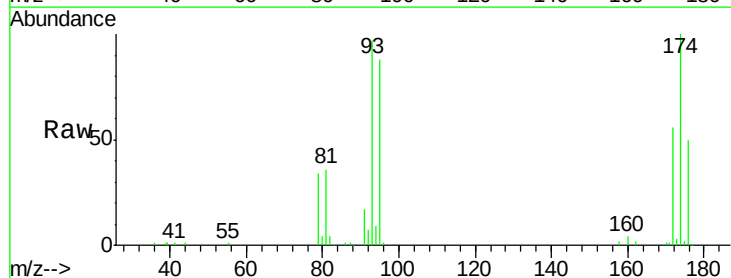
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

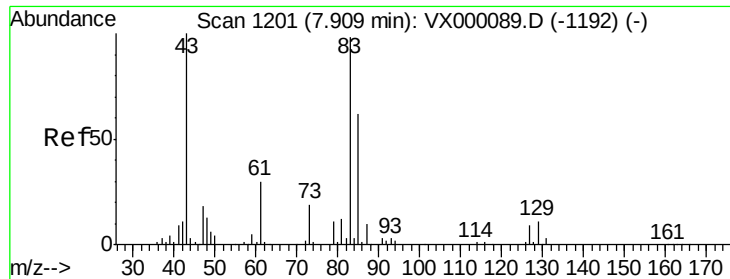
Tgt Ion: 63 Resp: 34165
 Ion Ratio Lower Upper
 63 100
 65 34.3 23.8 35.8



#46
 Dibromomethane
 Concen: 21.29 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 93 Resp: 25516
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.0 97.6
 174 98.6 83.1 124.7





#47

Bromodichloromethane

Concen: 21.82 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

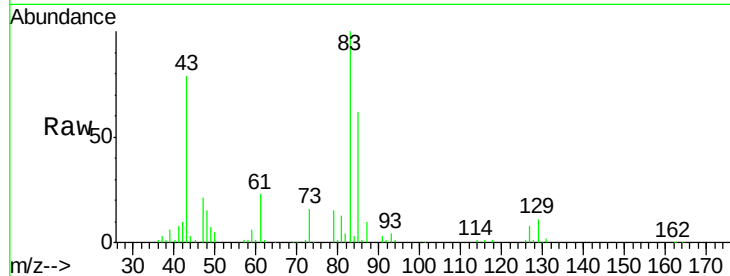
Tgt Ion: 83 Resp: 48302

Ion Ratio Lower Upper

83 100

85 61.8 50.4 75.6

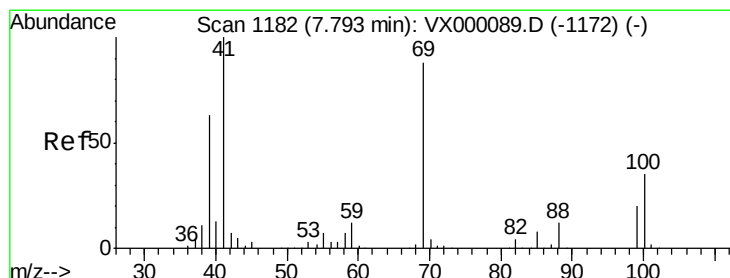
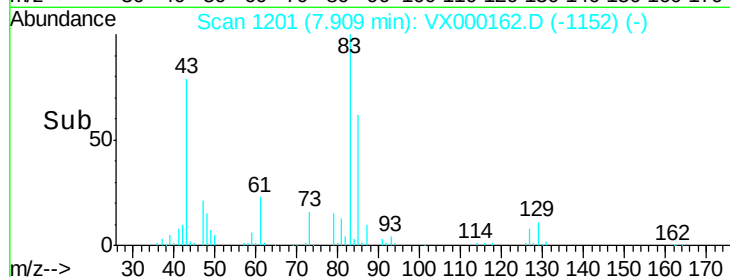
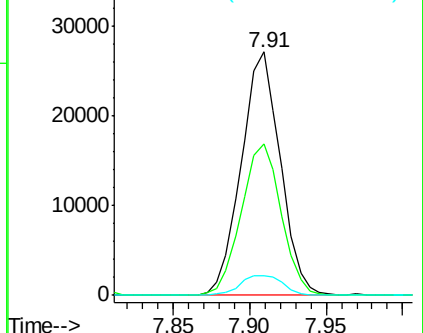
127 8.1 7.2 10.8



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: 22.08 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

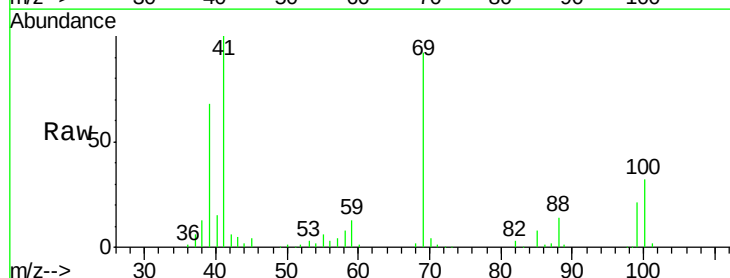
Tgt Ion: 41 Resp: 47027

Ion Ratio Lower Upper

41 100

69 85.2 70.2 105.4

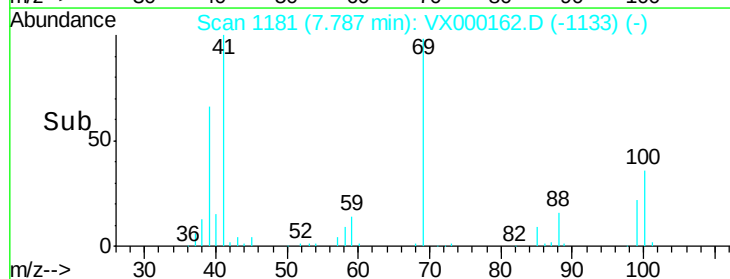
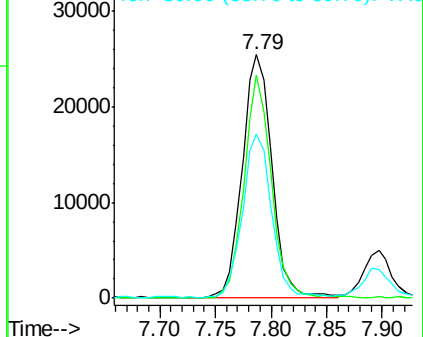
39 65.9 51.0 76.6

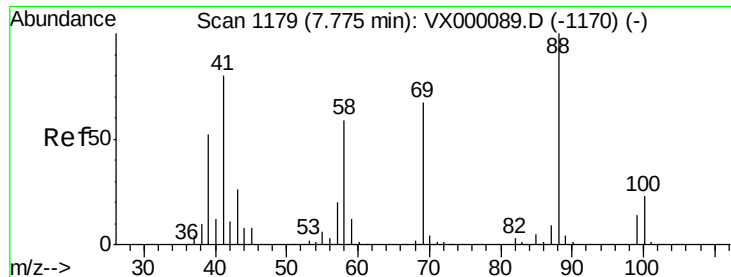


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

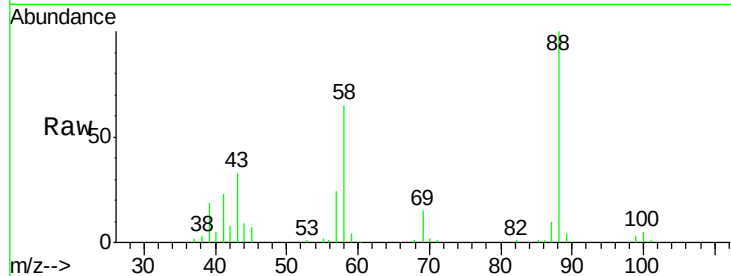




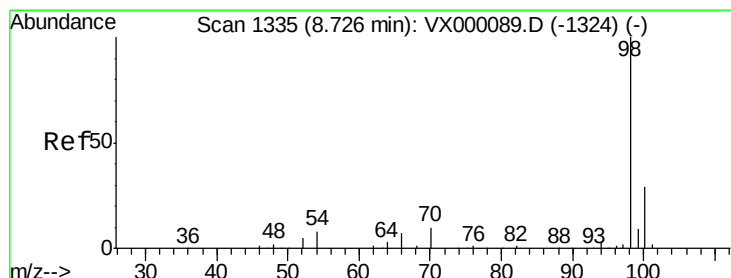
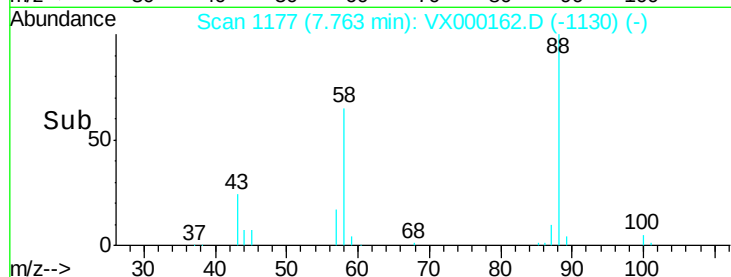
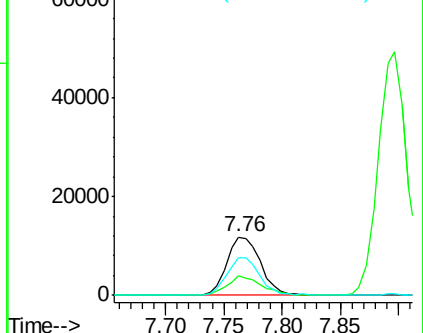
#49
1,4-Dioxane
Concen: 425.08 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 88 Resp: 23743
Ion Ratio Lower Upper
88 100
43 33.4 24.1 36.1
58 63.2 49.0 73.6

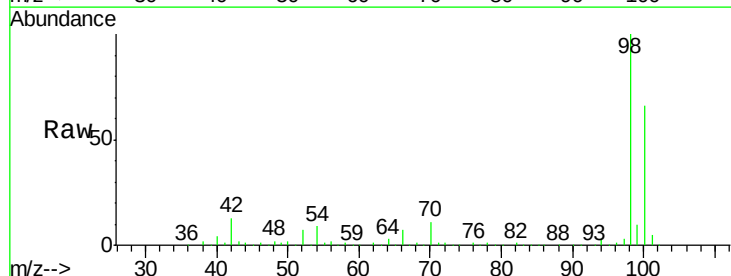


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

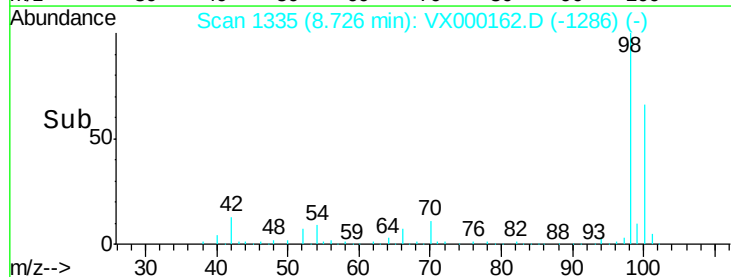
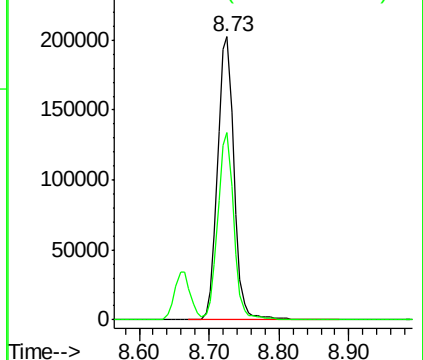


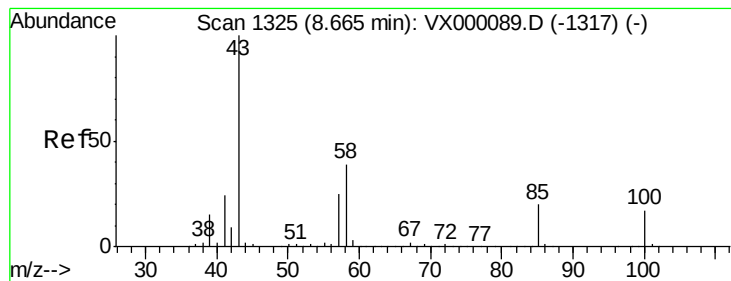
#50
Toluene-d8
Concen: 54.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 98 Resp: 331899
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 116.11 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

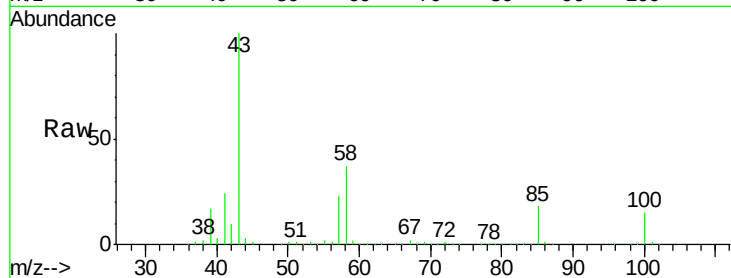
VX0228WBS01

Tgt Ion: 43 Resp: 368845

Ion Ratio Lower Upper

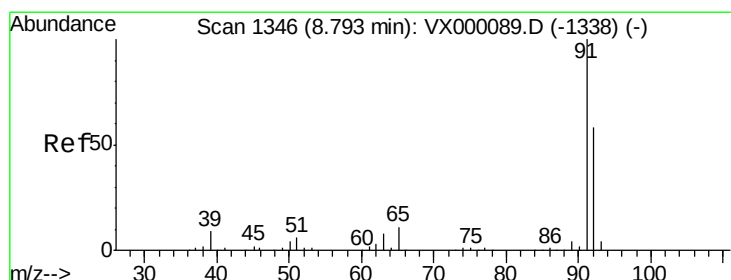
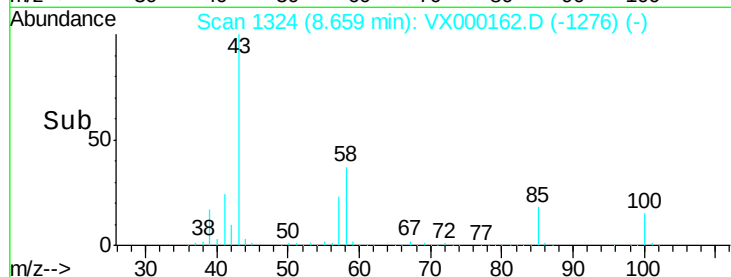
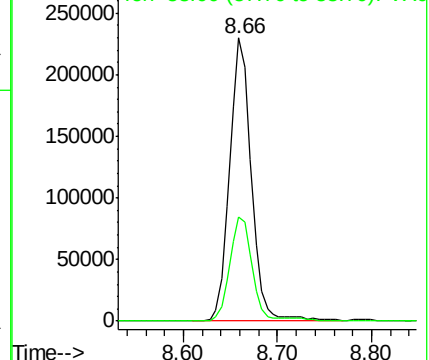
43 100

58 37.3 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.50 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000162.D

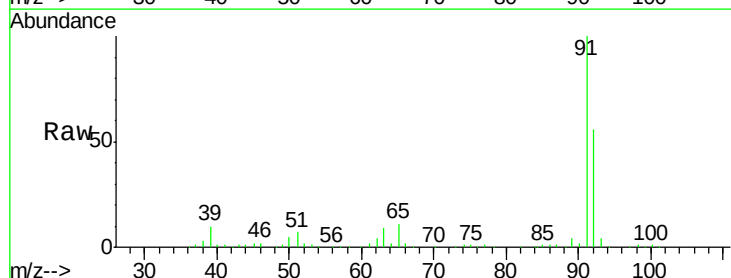
Acq: 28 Feb 2018 12:28

Tgt Ion: 92 Resp: 90026

Ion Ratio Lower Upper

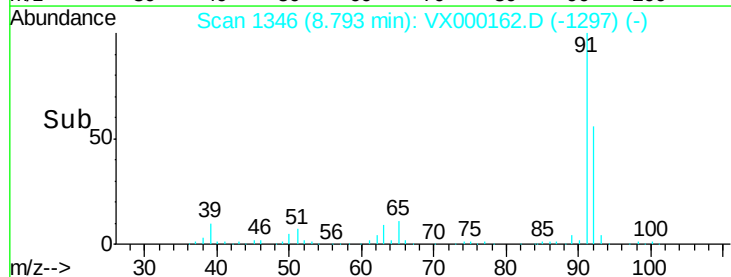
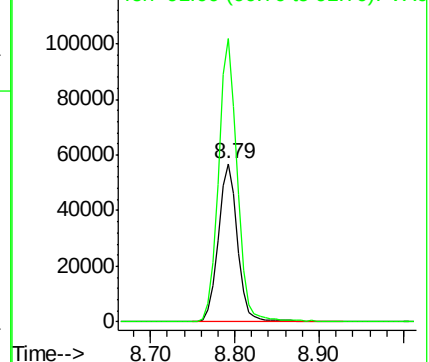
92 100

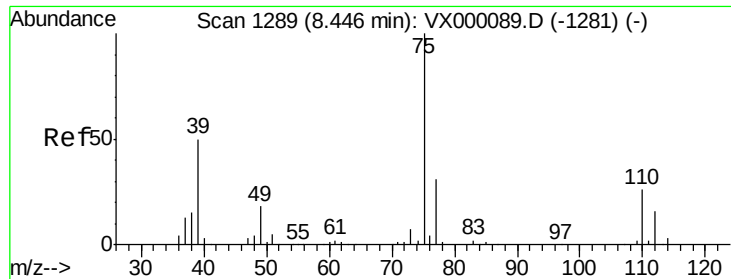
91 175.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 21.52 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

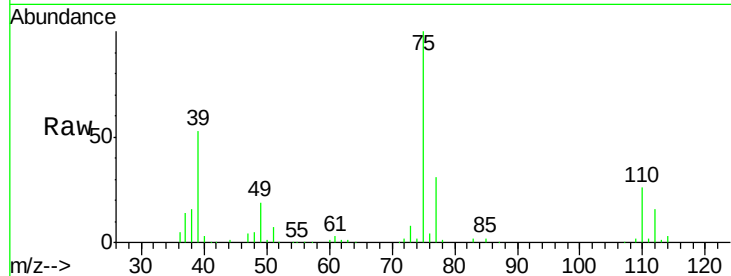
VX0228WBS01

Tgt Ion: 75 Resp: 56010

Ion Ratio Lower Upper

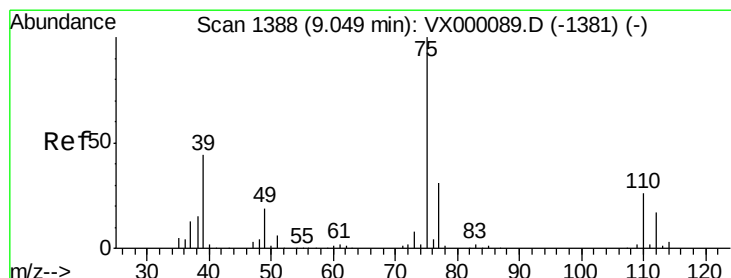
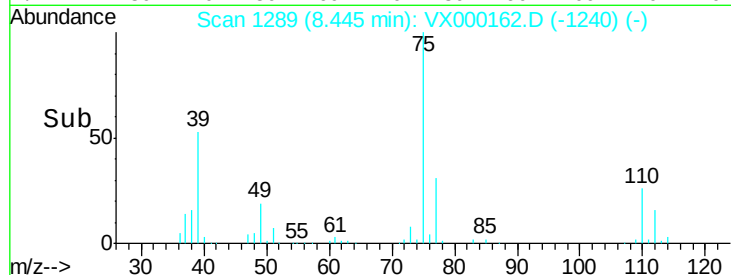
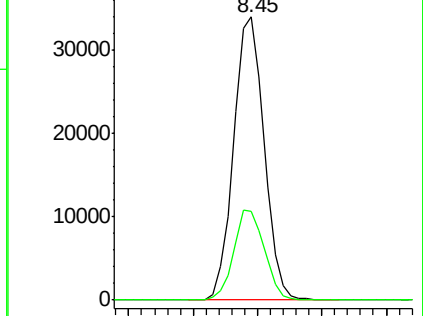
75 100

77 31.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

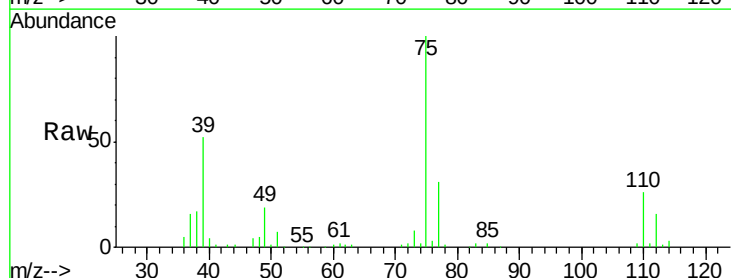
Tgt Ion: 75 Resp: 54967

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6

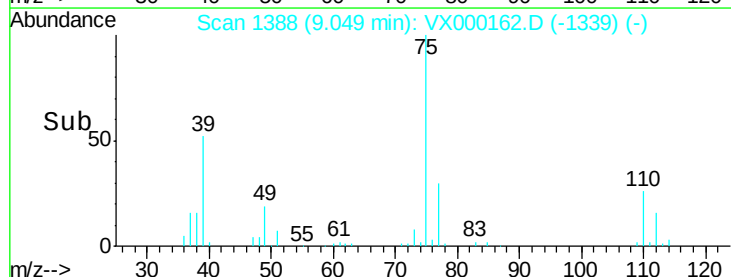
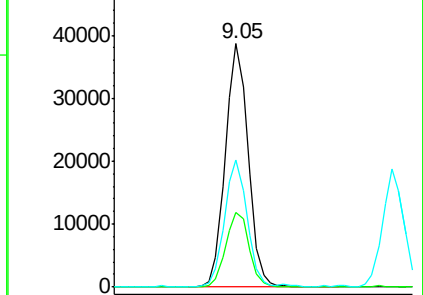
39 51.9 35.4 53.0

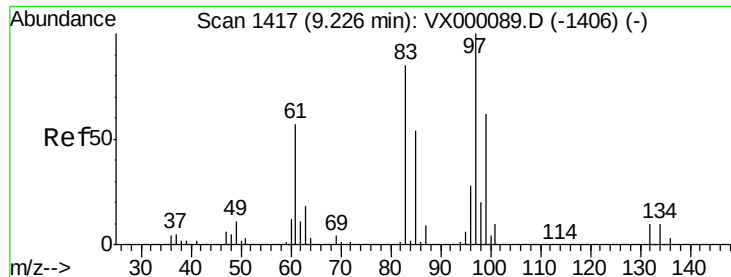


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

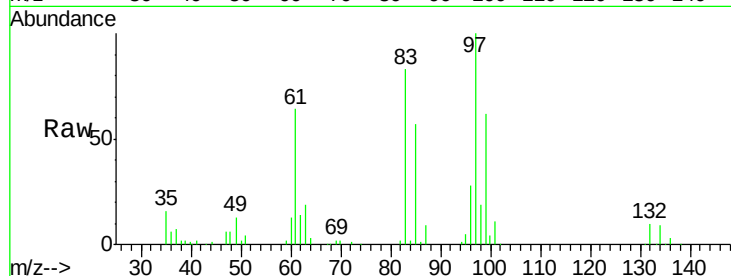




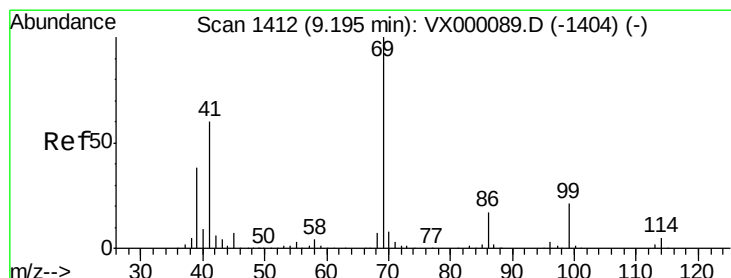
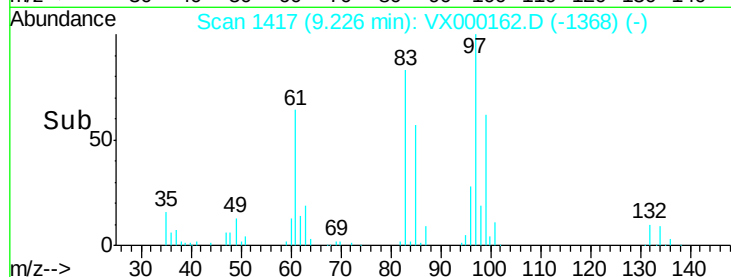
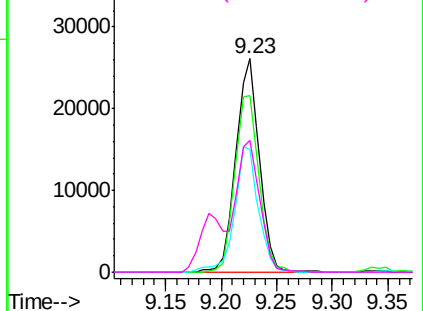
#55
 1,1,2-Trichloroethane
 Concen: 22.05 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tgt Ion:	97	Resp:	38184
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.6	101.4
85	57.3	42.9	64.3
99	61.6	49.8	74.6

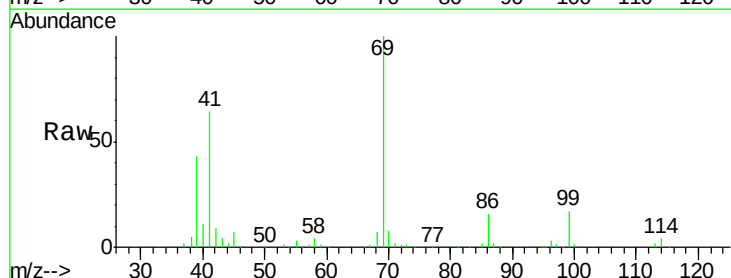


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

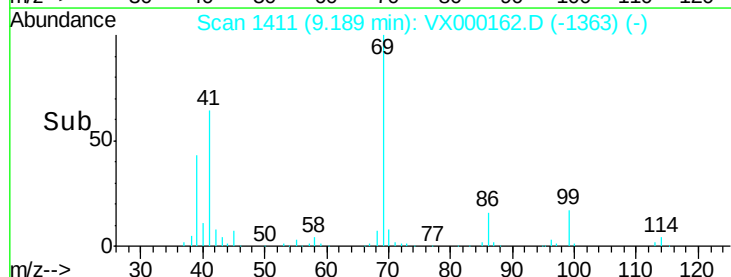
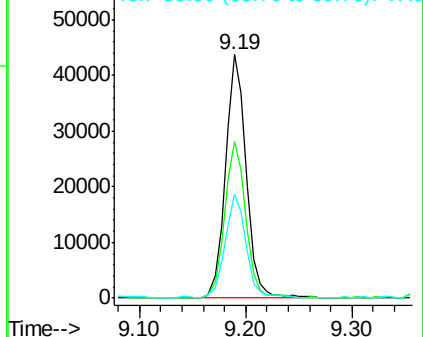


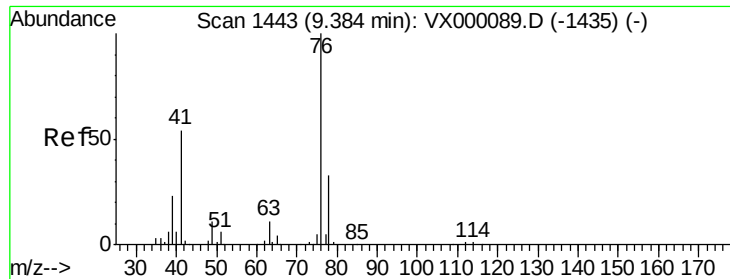
#56
 Ethyl methacrylate
 Concen: 22.43 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion:	69	Resp:	59589
Ion	Ratio	Lower	Upper
69	100		
41	66.0	49.4	74.0
39	42.6	31.3	46.9



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

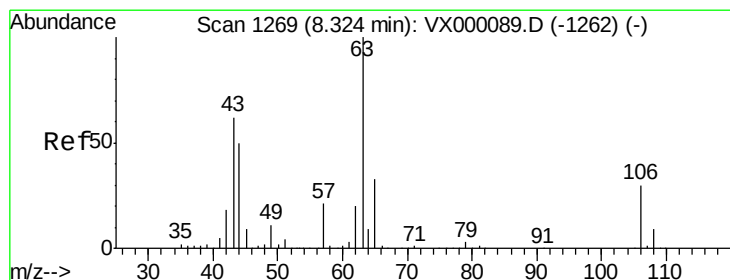
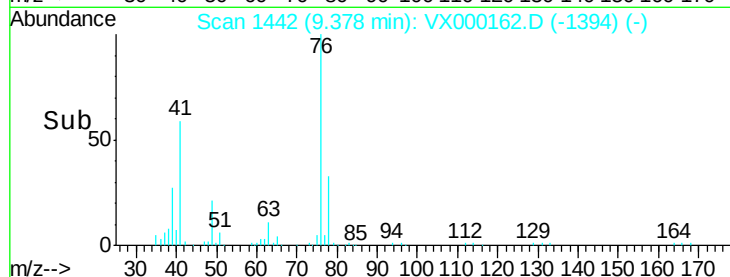
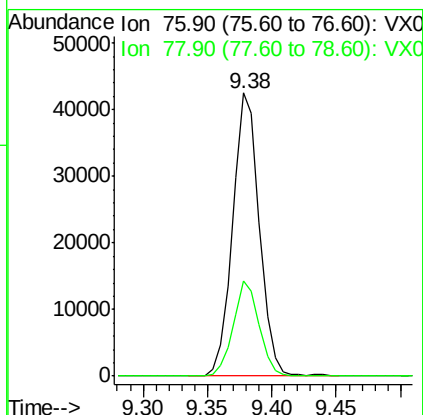
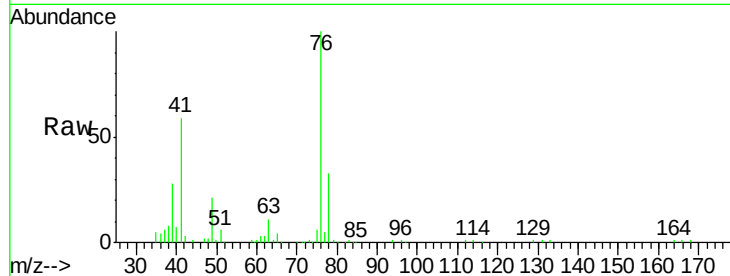




#57
 1,3-Dichloropropane
 Concen: 22.35 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

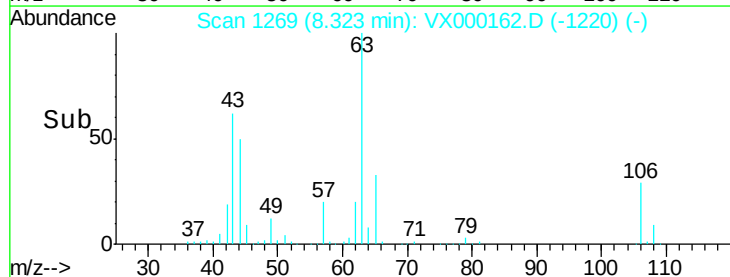
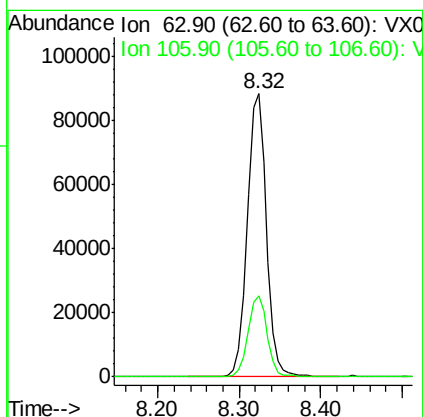
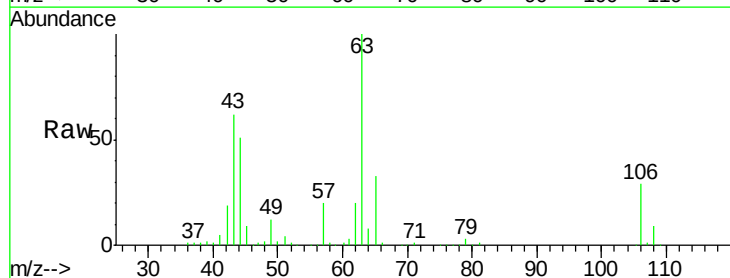
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

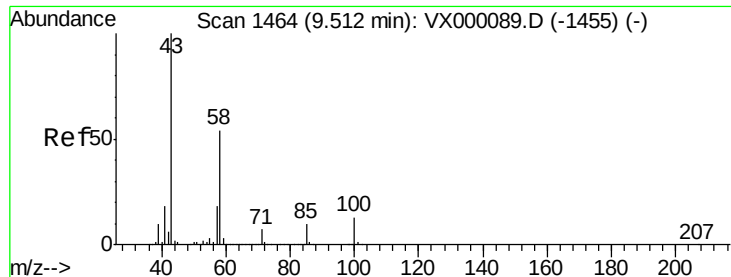
Tgt Ion: 76 Resp: 61464
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 63 Resp: 144669
 Ion Ratio Lower Upper
 63 100
 106 28.5 24.6 37.0

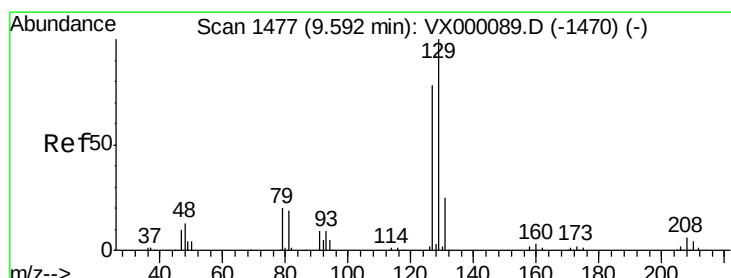
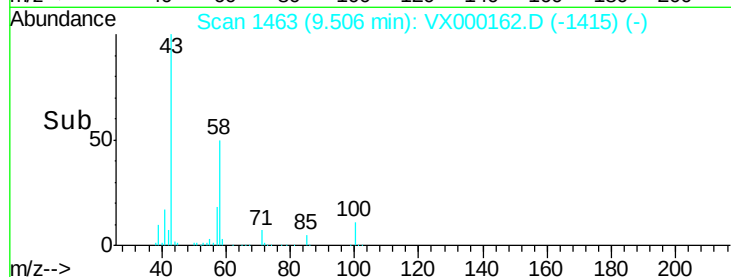
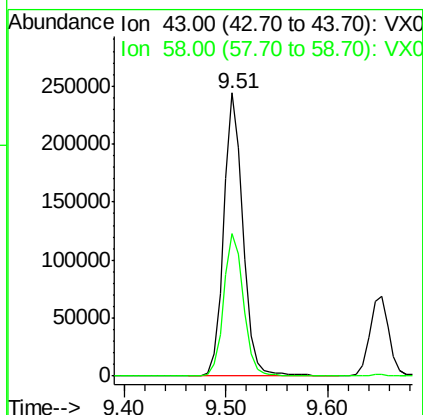
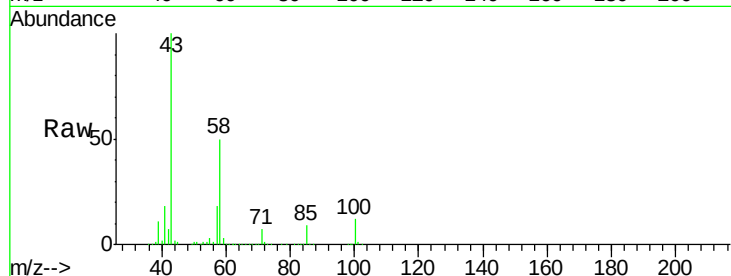




#59
2-Hexanone
Concen: 118.82 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

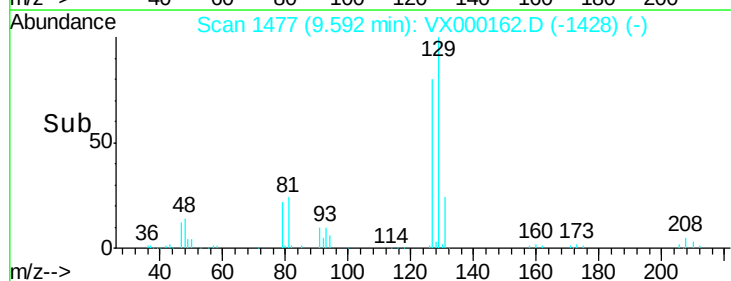
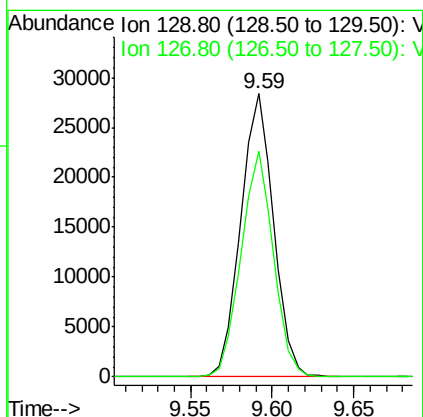
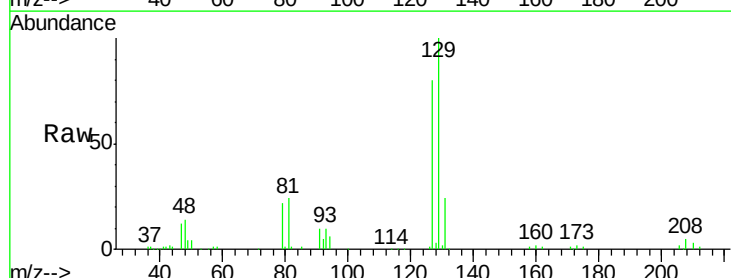
Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

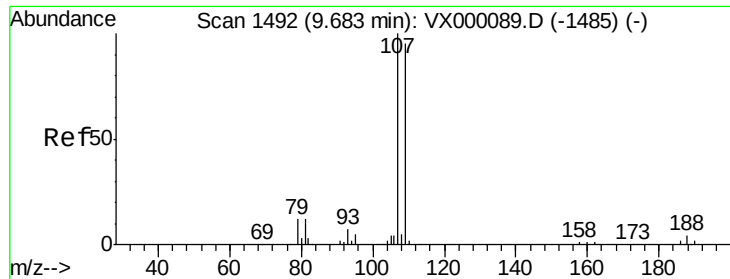
Tgt Ion: 43 Resp: 319563
Ion Ratio Lower Upper
43 100
58 51.9 27.1 81.3



#60
Dibromochloromethane
Concen: 20.30 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 129 Resp: 39816
Ion Ratio Lower Upper
129 100
127 78.5 37.6 112.9





#61

1,2-Dibromoethane

Concen: 21.76 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

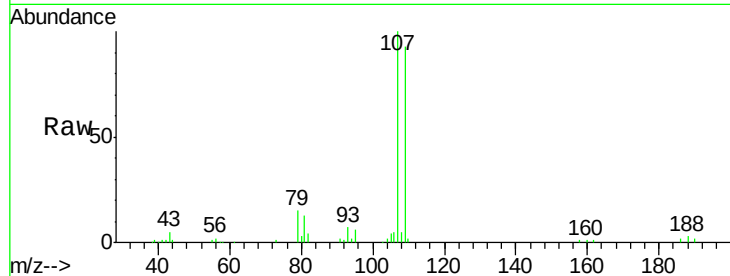
VX0228WBS01

Tgt Ion: 107 Resp: 41816

Ion Ratio Lower Upper

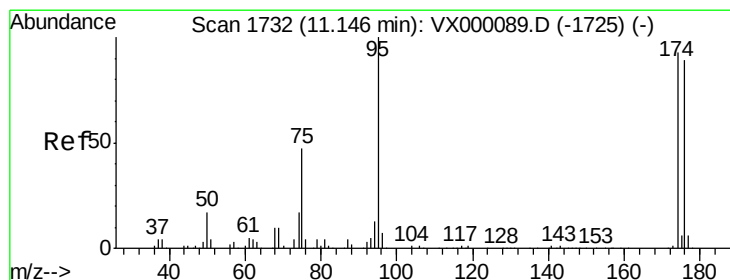
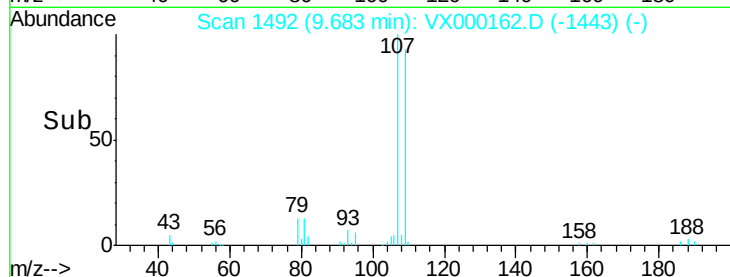
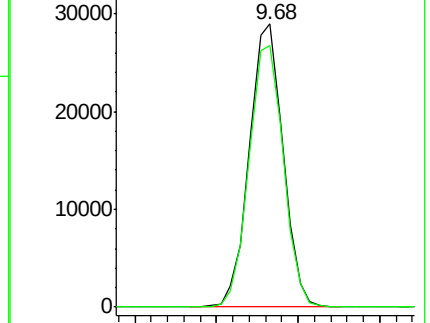
107 100

109 94.7 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

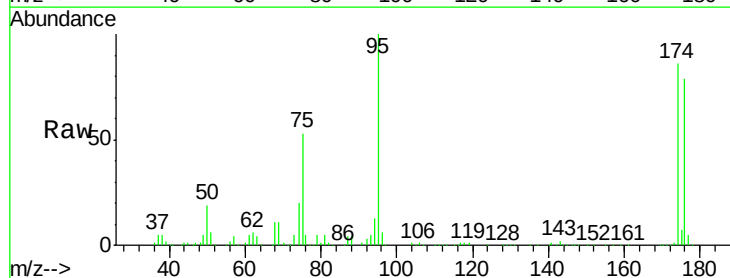
Tgt Ion: 95 Resp: 133037

Ion Ratio Lower Upper

95 100

174 85.0 0.0 187.8

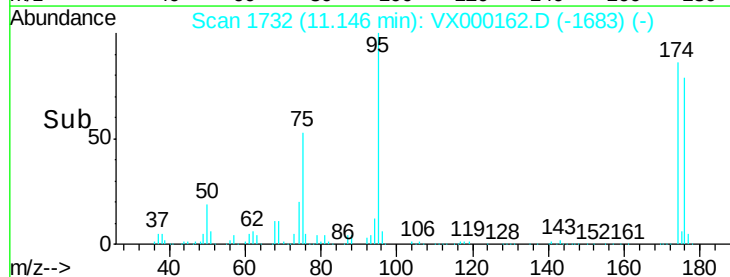
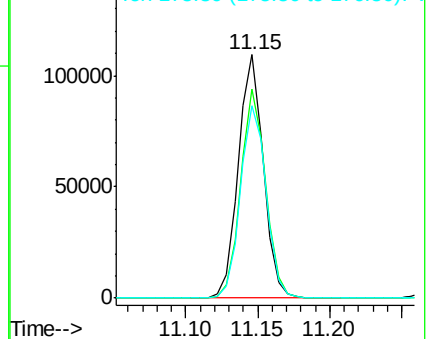
176 80.9 0.0 181.2

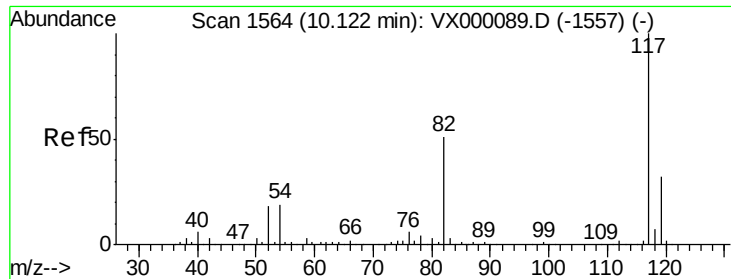


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

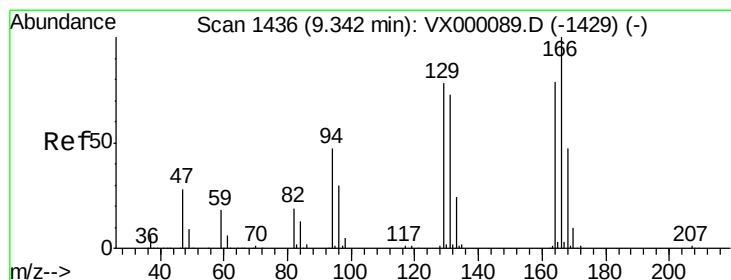
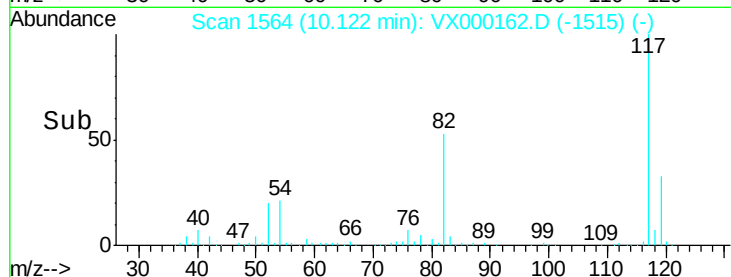
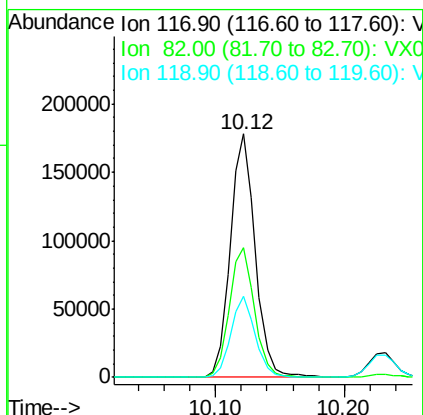
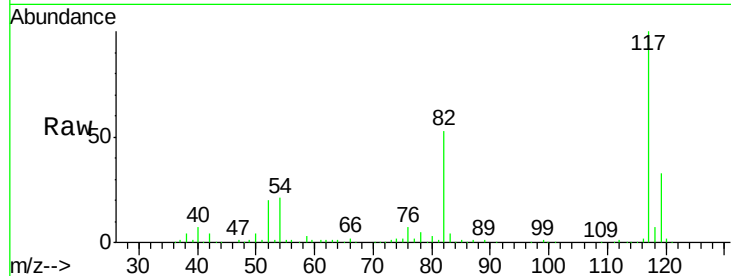




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

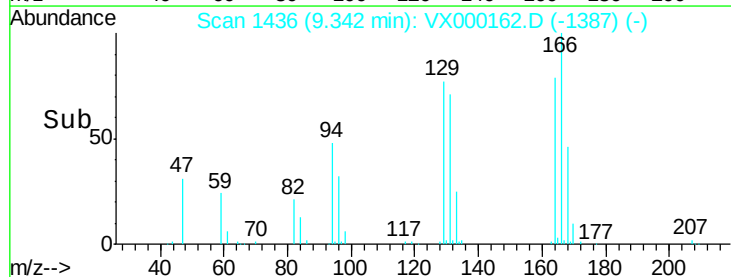
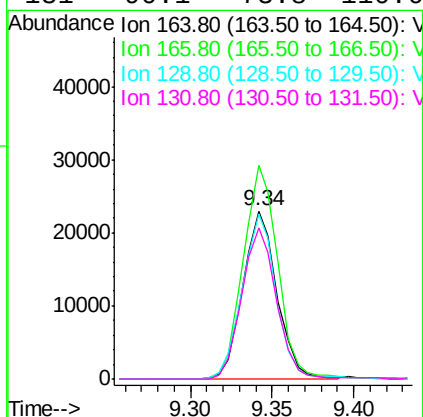
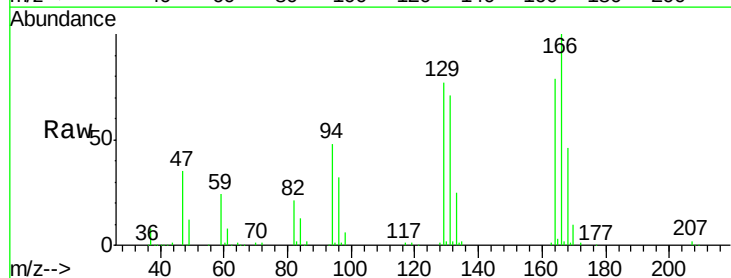
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

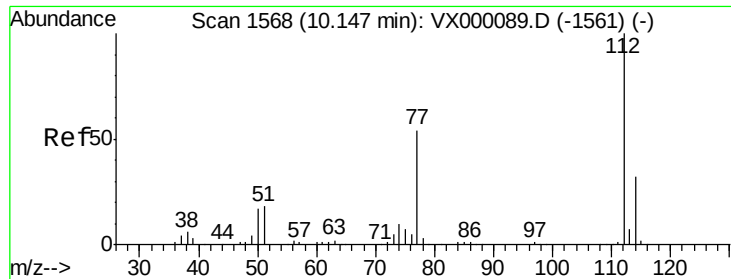
Tgt Ion:117 Resp: 240655
Ion Ratio Lower Upper
117 100
82 53.3 41.0 61.6
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:164 Resp: 33460
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.2
129 98.2 78.6 118.0
131 90.1 73.8 110.6

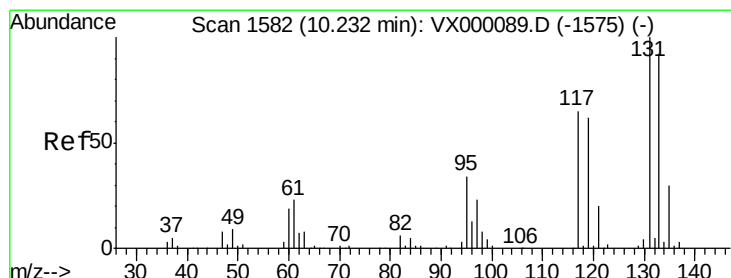
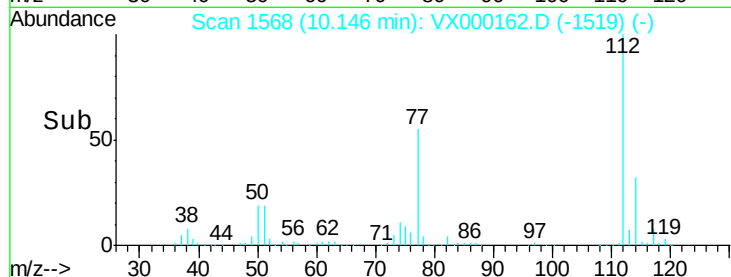
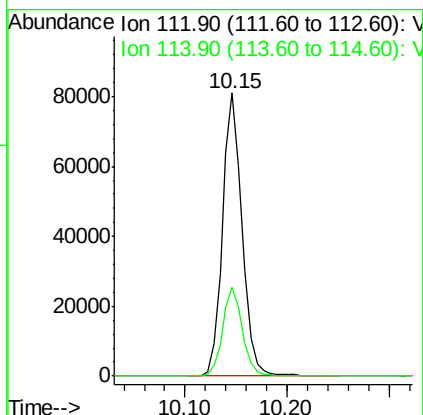
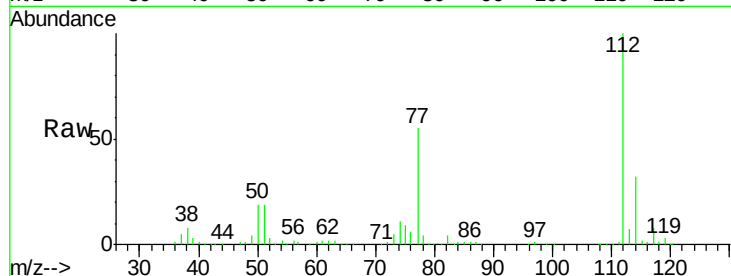




#65
Chlorobenzene
Concen: 21.28 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

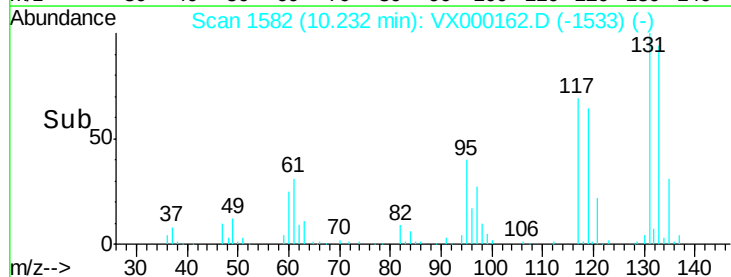
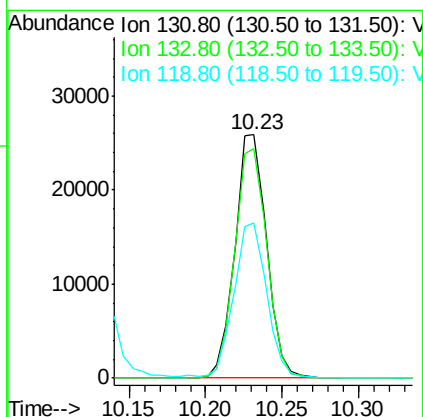
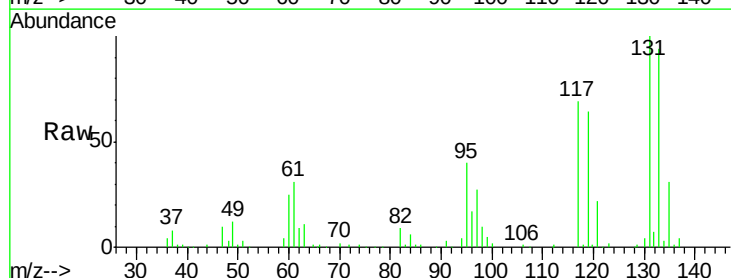
Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

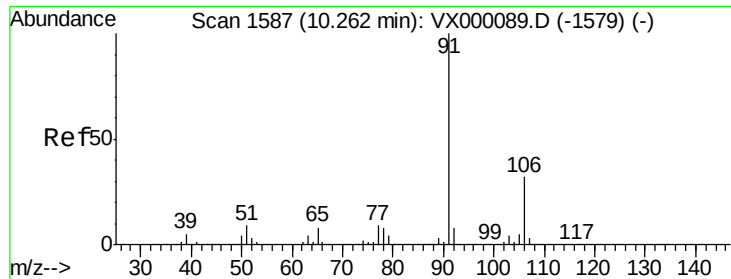
Tgt Ion:112 Resp: 108108
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.01 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:131 Resp: 37343
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 65.9 31.7 95.1

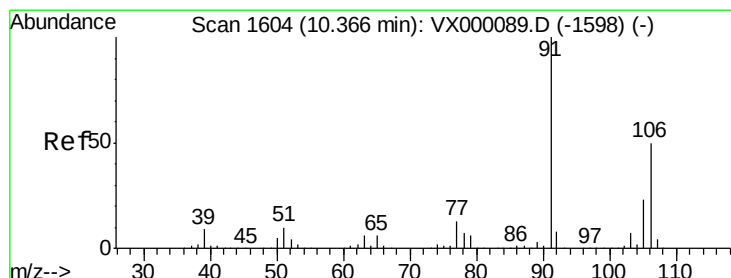
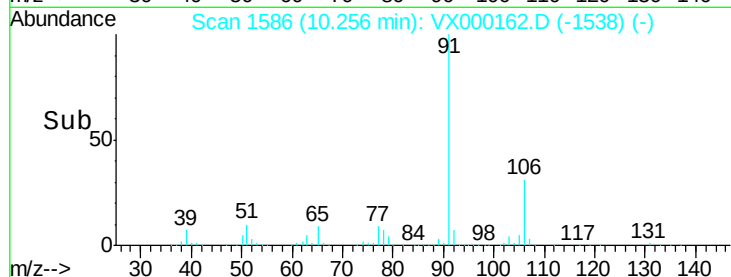
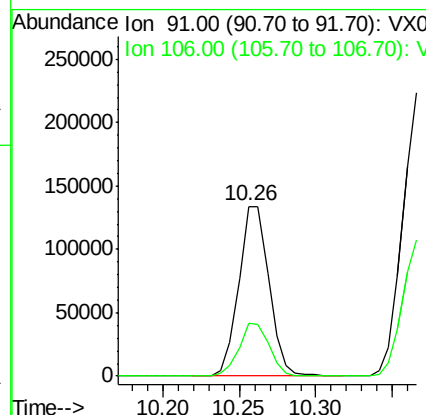
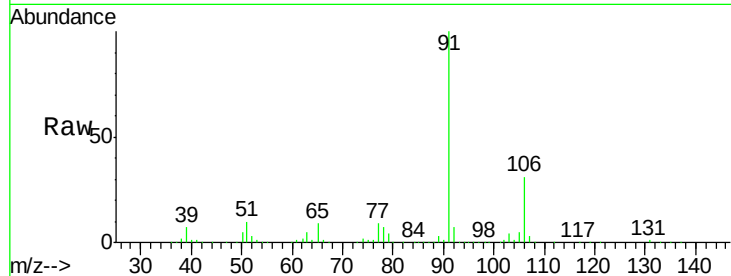




#67
Ethyl Benzene
Concen: 21.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

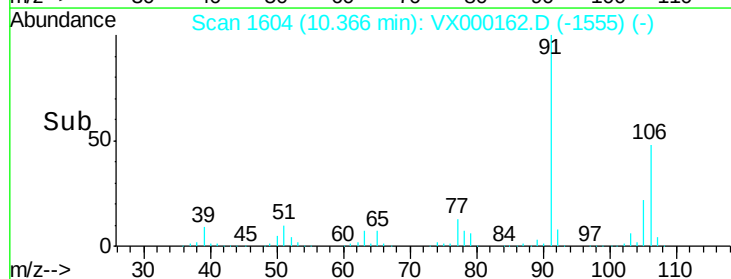
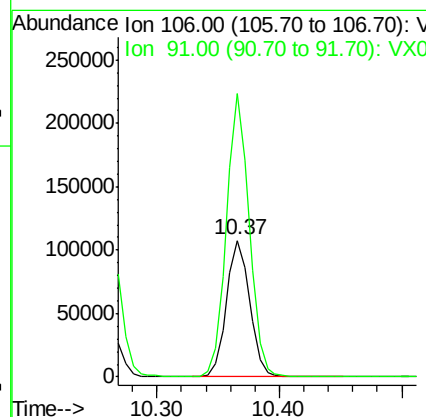
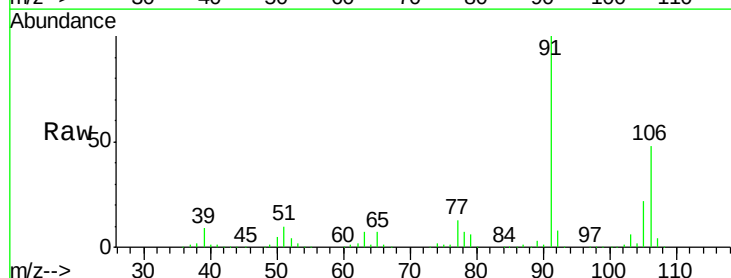
Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

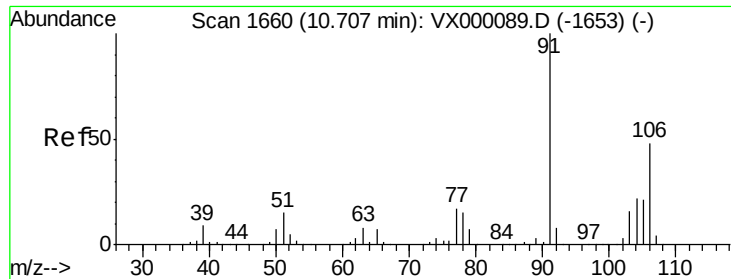
Tgt Ion: 91 Resp: 184429
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 41.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 106 Resp: 141672
Ion Ratio Lower Upper
106 100
91 204.1 159.1 238.7

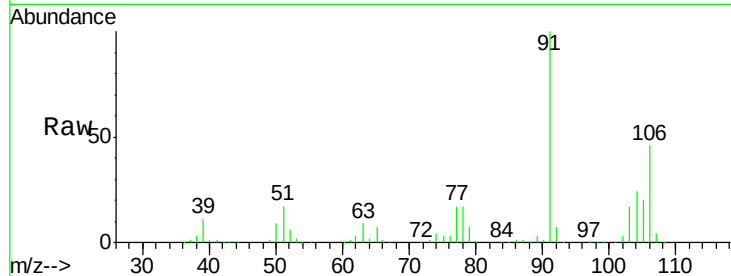




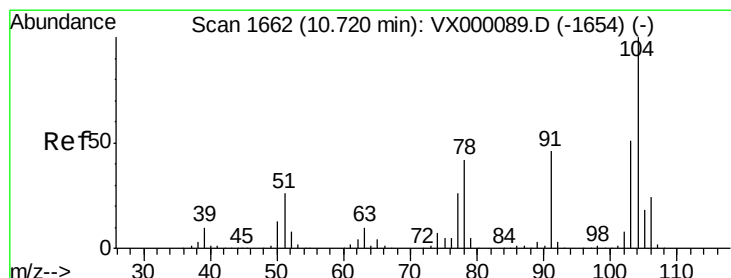
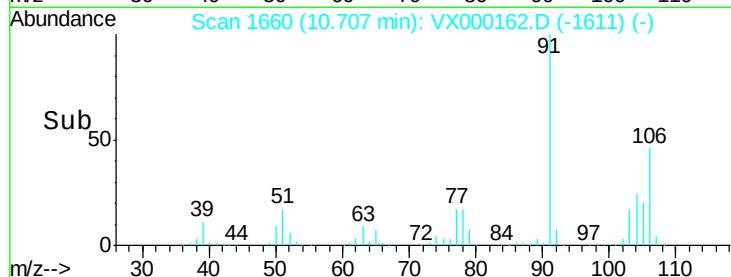
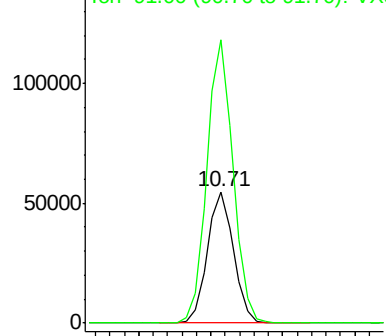
#69
o-Xylene
Concen: 21.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0228WBS01

Tgt Ion:106 Resp: 69477
Ion Ratio Lower Upper
106 100
91 215.6 103.8 311.6

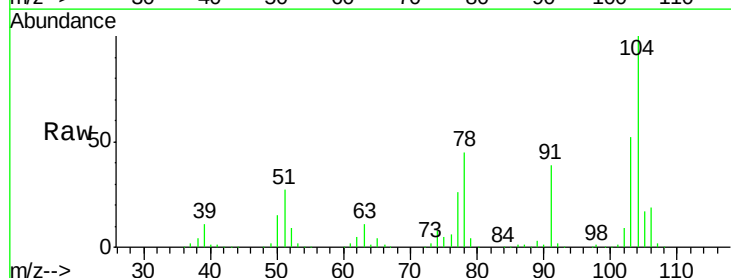


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

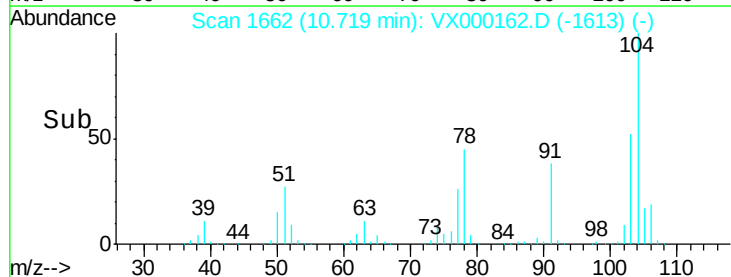
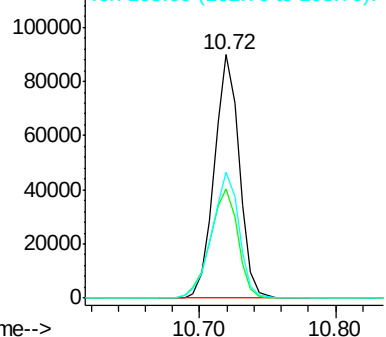


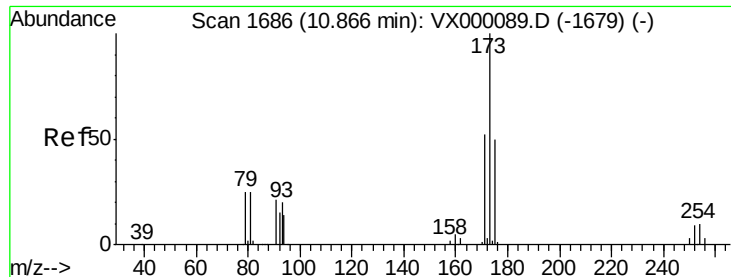
#70
Styrene
Concen: 21.63 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:104 Resp: 115215
Ion Ratio Lower Upper
104 100
78 50.1 38.2 57.4
103 55.9 44.2 66.4



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

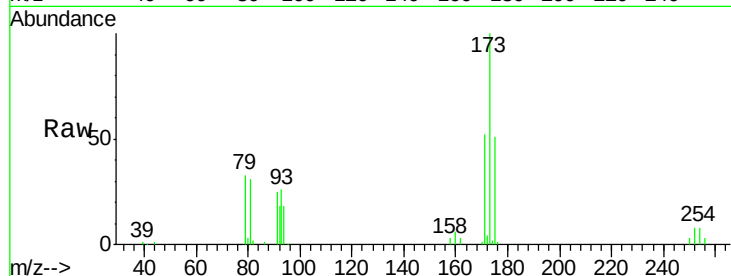




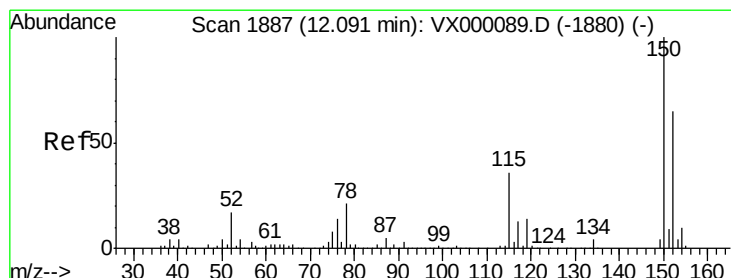
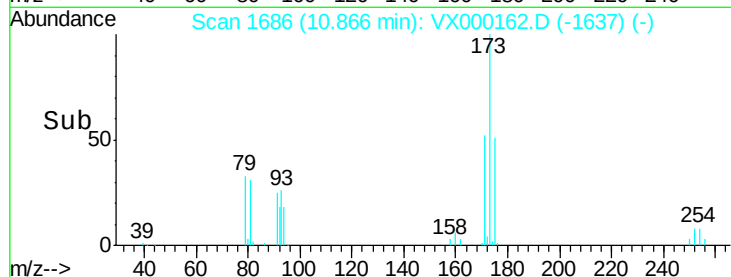
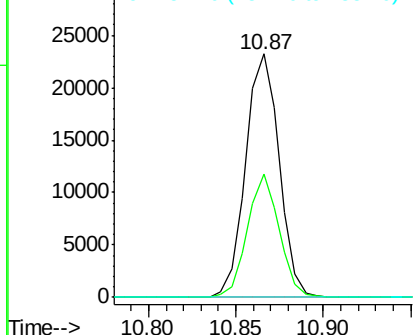
#71
Bromoform
Concen: 19.26 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:173 Resp: 31103
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

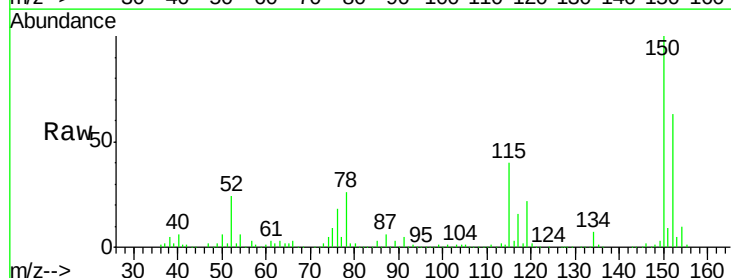


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

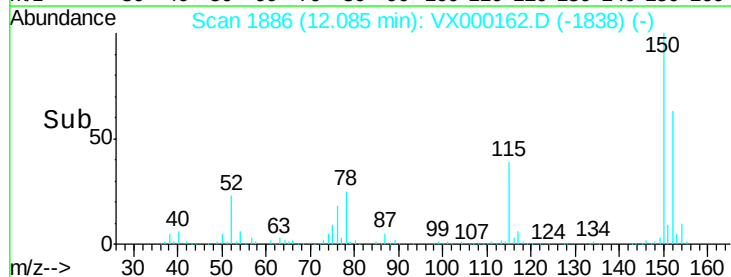
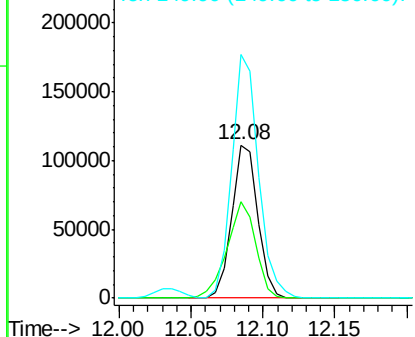


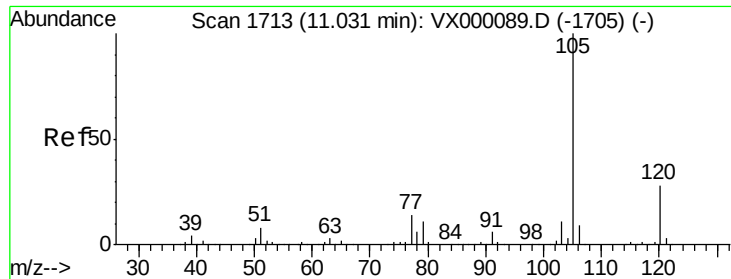
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion:152 Resp: 140251
Ion Ratio Lower Upper
152 100
115 69.7 39.1 117.2
150 164.3 0.0 348.2



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

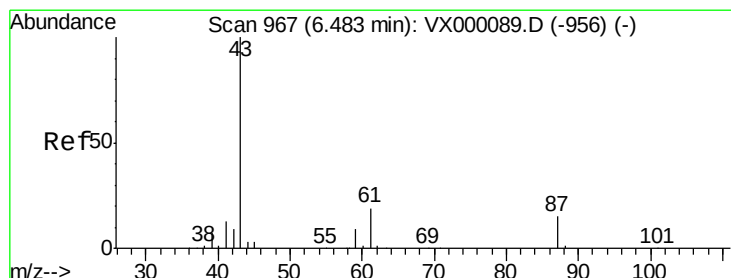
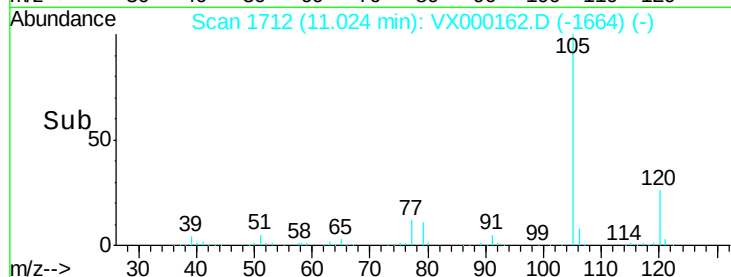
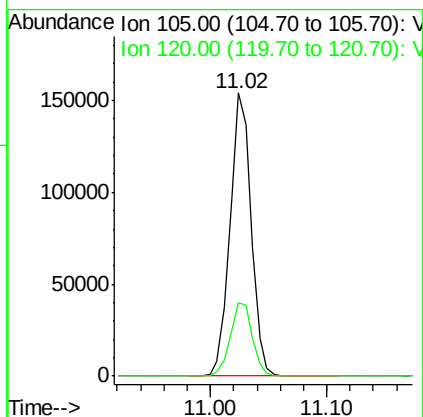
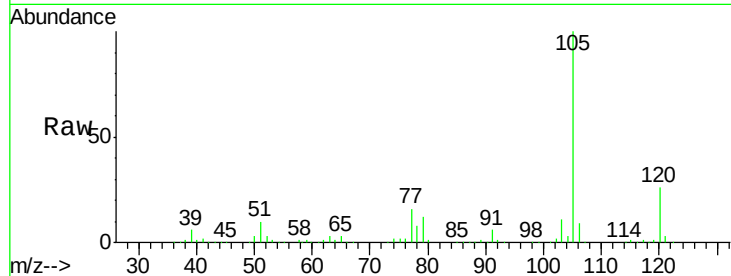




#73
Isopropylbenzene
Concen: 21.86 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

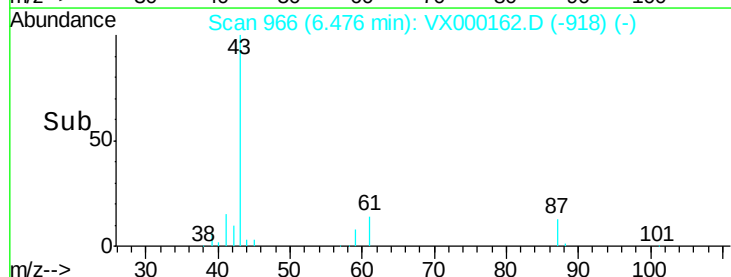
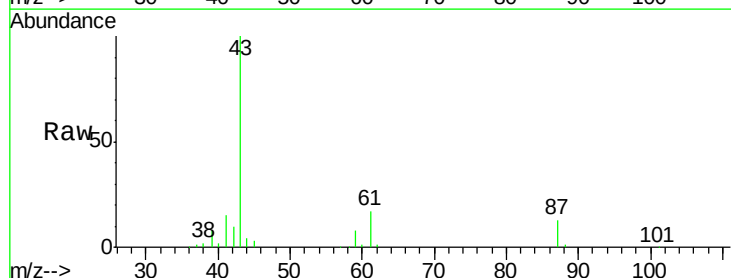
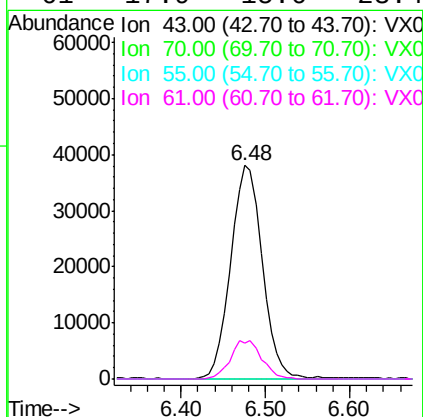
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

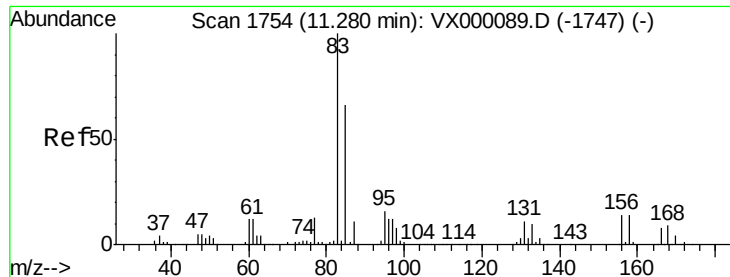
Tgt Ion:105 Resp: 194289
Ion Ratio Lower Upper
105 100
120 27.1 14.0 42.0



#74
N-ethyl acetate
Concen: 21.60 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 43 Resp: 96978
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.1 0.1#
61 17.9 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0228WBS01

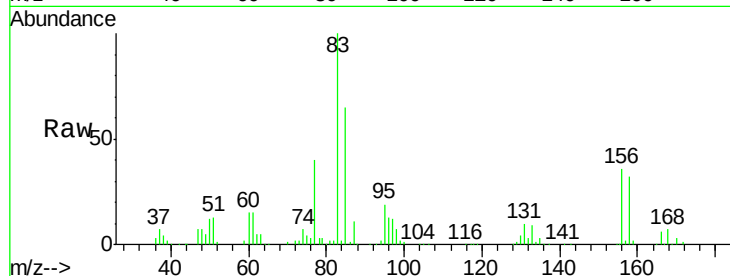
Tgt Ion: 83 Resp: 68403

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

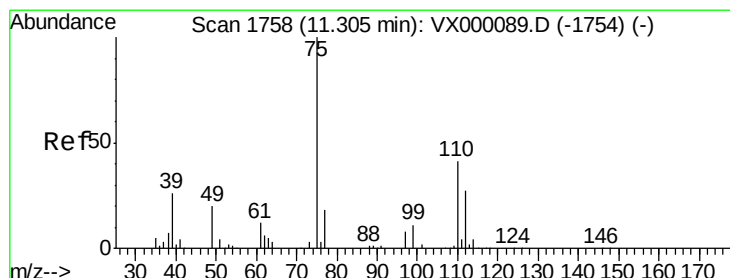
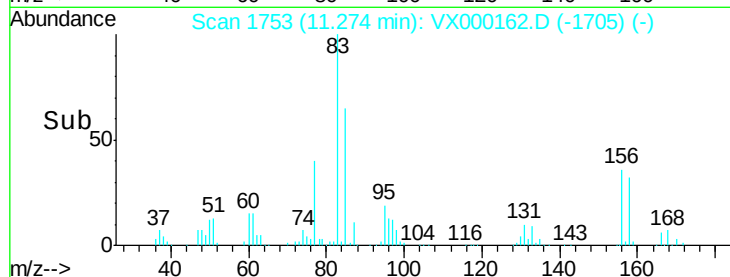
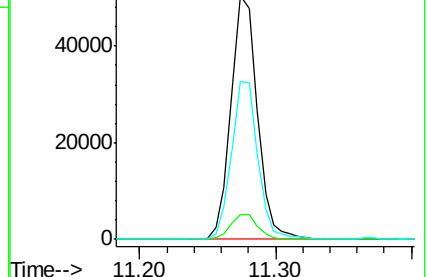
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.94 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000162.D

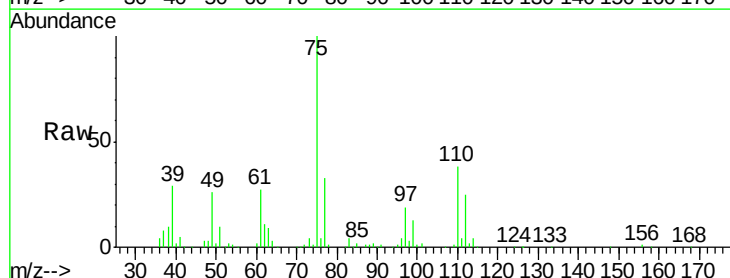
Acq: 28 Feb 2018 12:28

Tgt Ion: 75 Resp: 81175

Ion Ratio Lower Upper

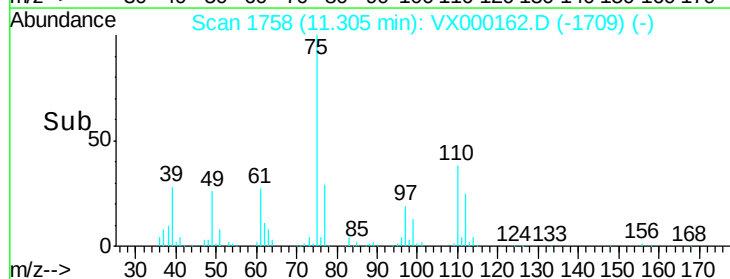
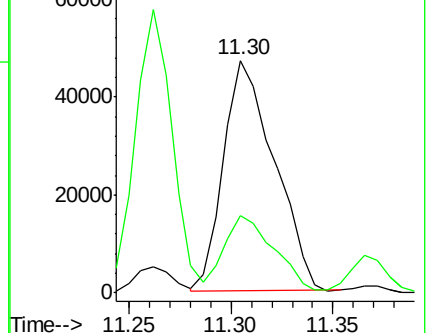
75 100

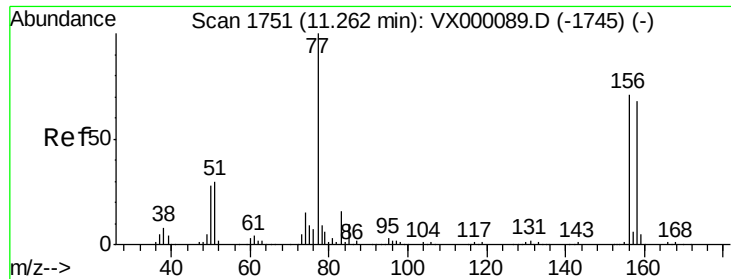
77 33.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

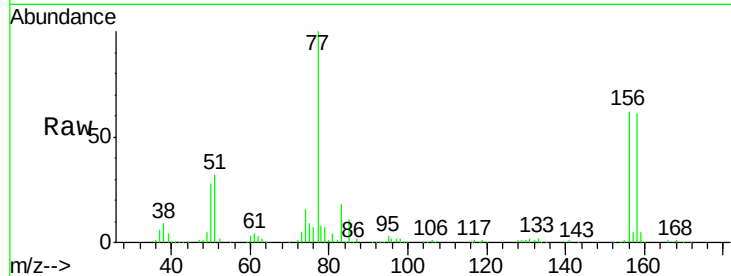
Tgt Ion:156 Resp: 47778

Ion Ratio Lower Upper

156 100

77 152.9 67.0 201.0

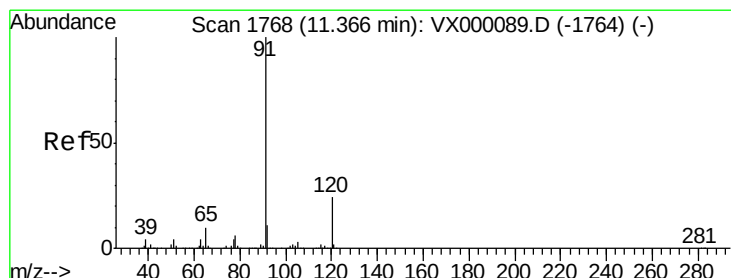
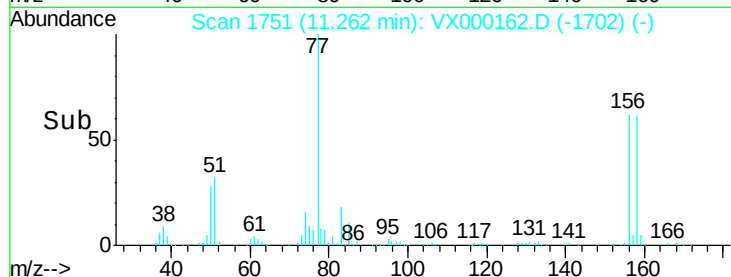
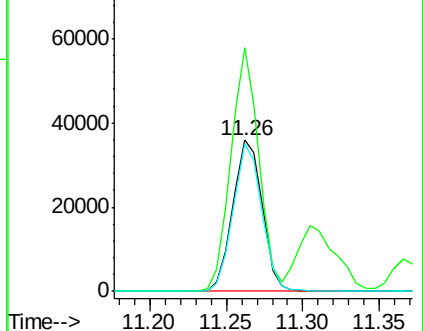
158 95.2 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000162.D

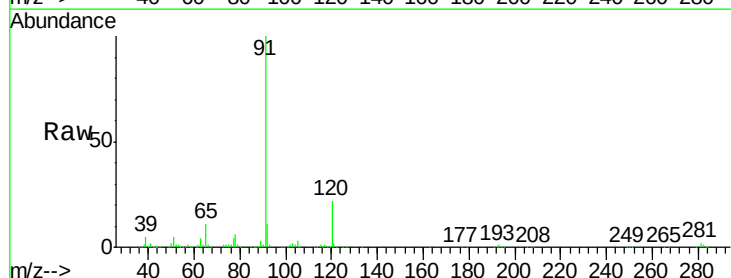
Acq: 28 Feb 2018 12:28

Tgt Ion: 91 Resp: 229461

Ion Ratio Lower Upper

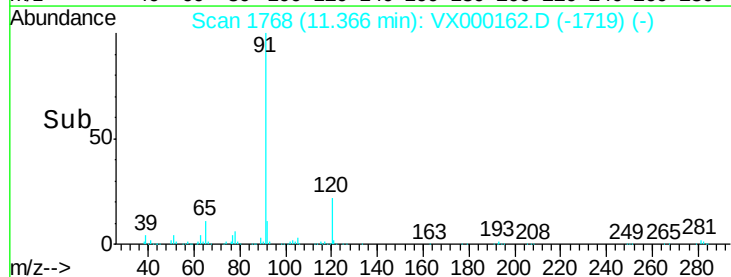
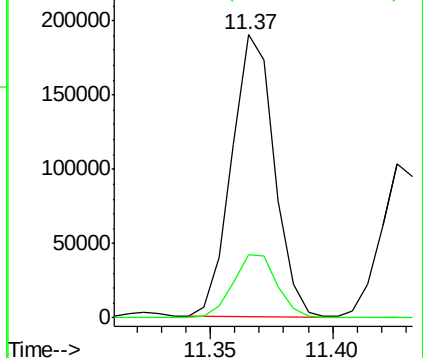
91 100

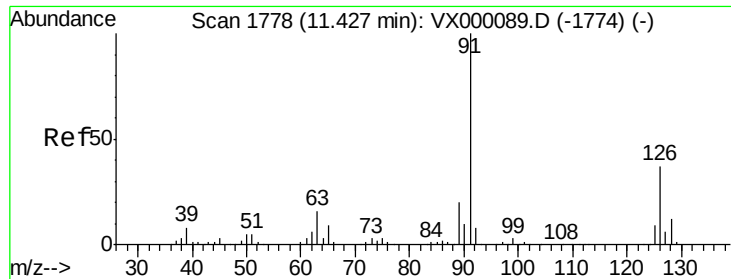
120 23.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

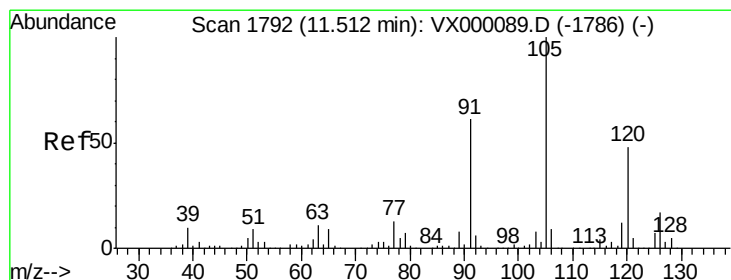
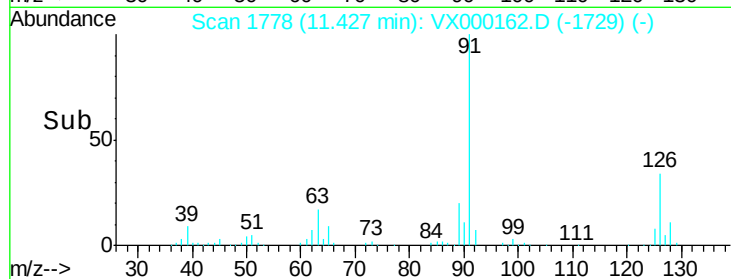
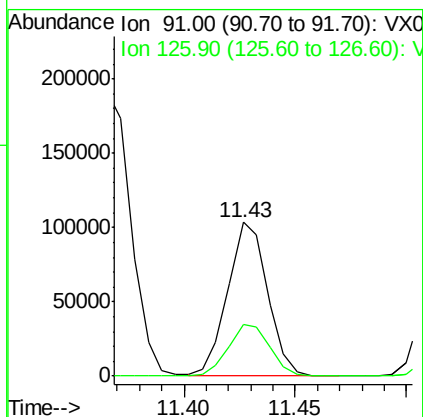
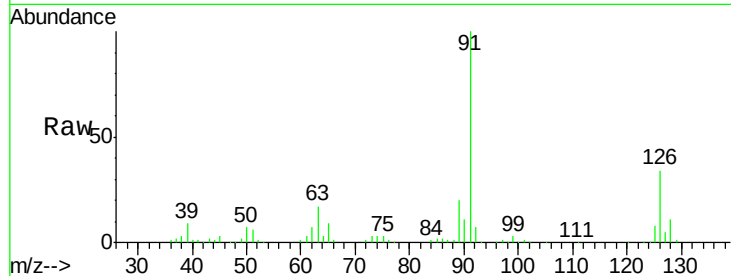




#79
 2-Chlorotoluene
 Concen: 21.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

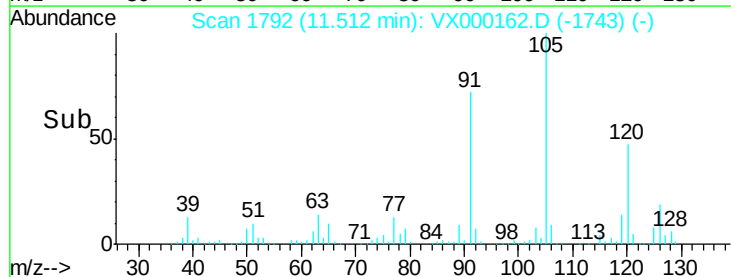
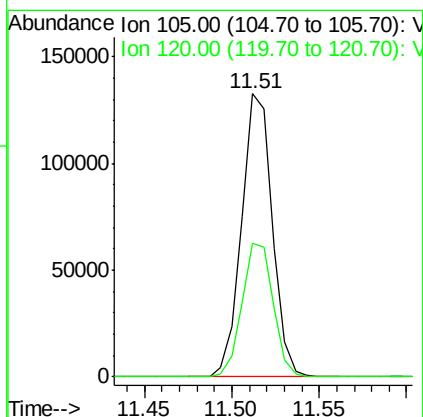
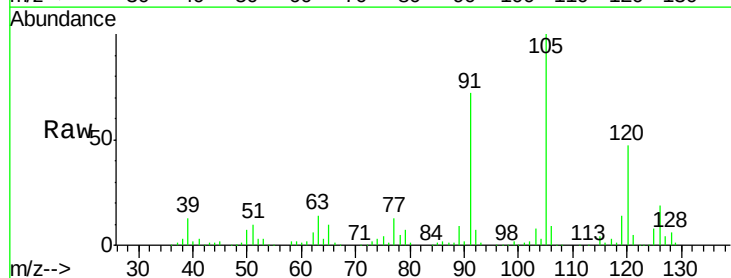
Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

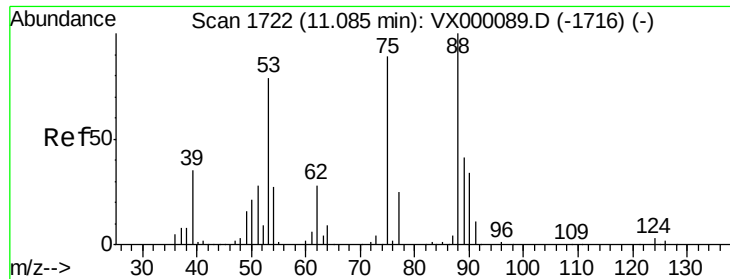
Tgt Ion: 91 Resp: 128732
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.56 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion: 105 Resp: 161998
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.9 74.6

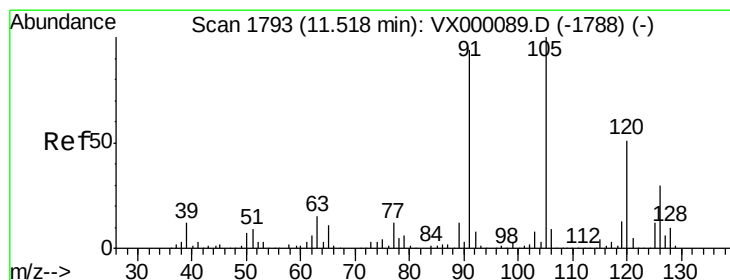
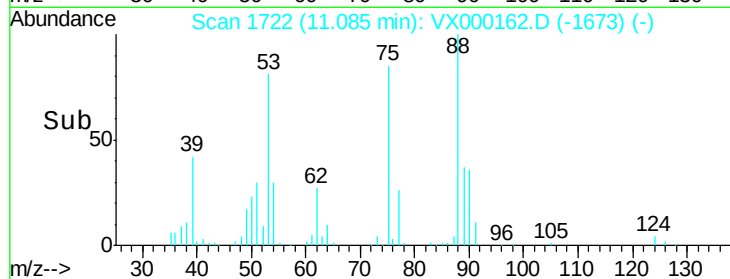
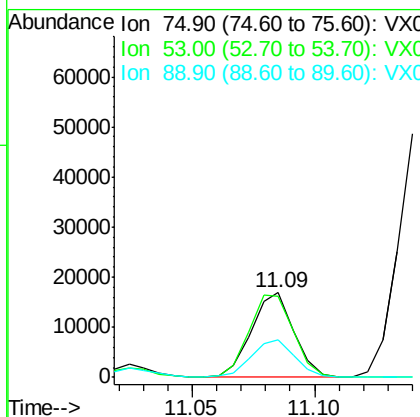
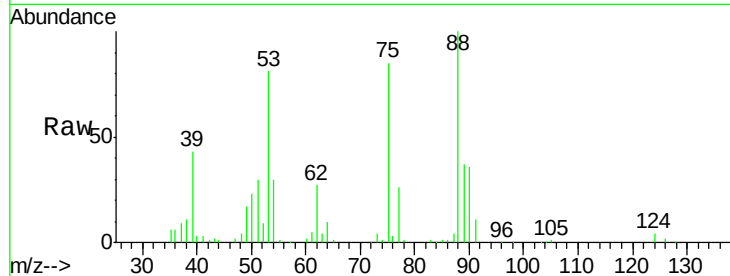




#81
trans-1,4-Dichloro-2-butene
Concen: 19.87 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

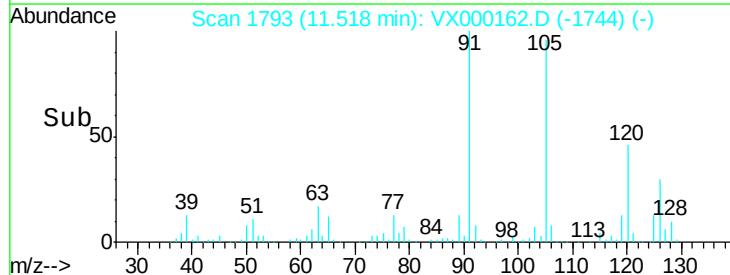
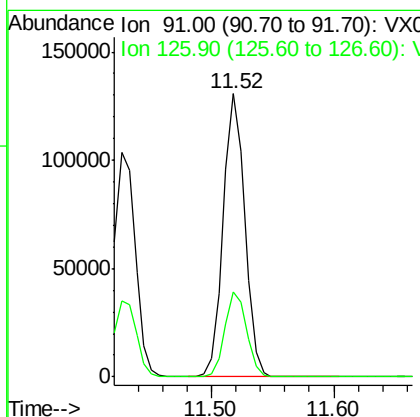
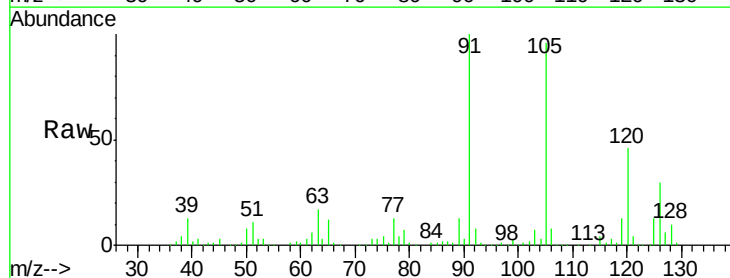
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

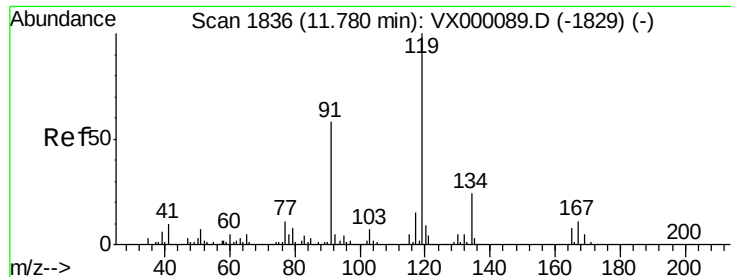
Tgt Ion: 75 Resp: 20273
Ion Ratio Lower Upper
75 100
53 103.6 72.3 108.5
89 46.4 40.6 60.8



#82
4-Chlorotoluene
Concen: 22.16 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000162.D
Acq: 28 Feb 2018 12:28

Tgt Ion: 91 Resp: 160746
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0

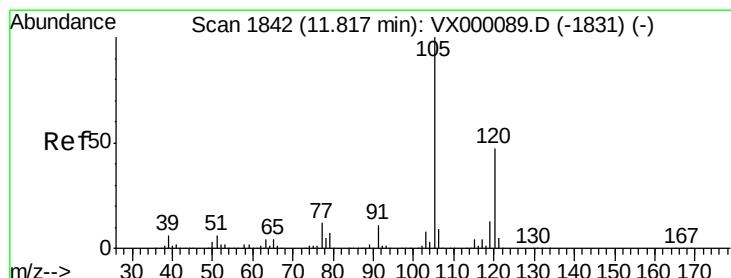
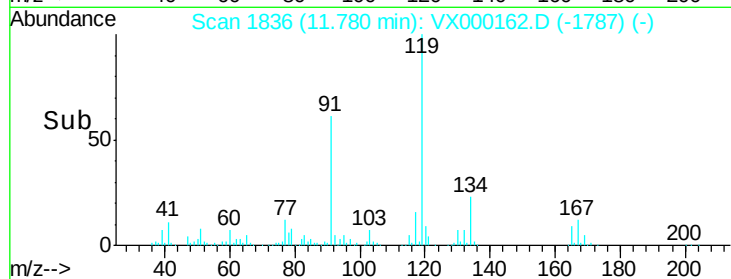
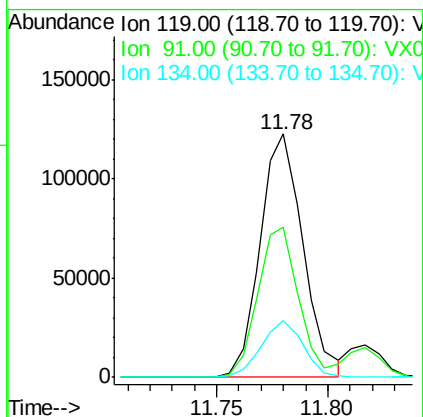
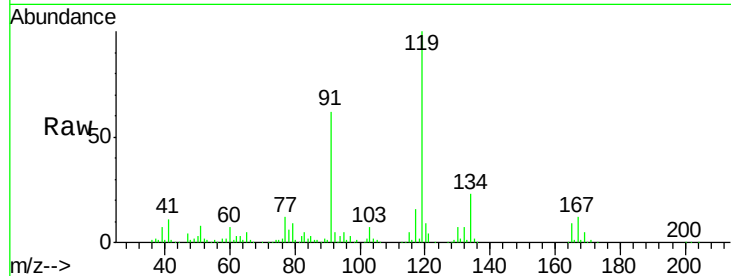




#83
 tert-Butylbenzene
 Concen: 21.64 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

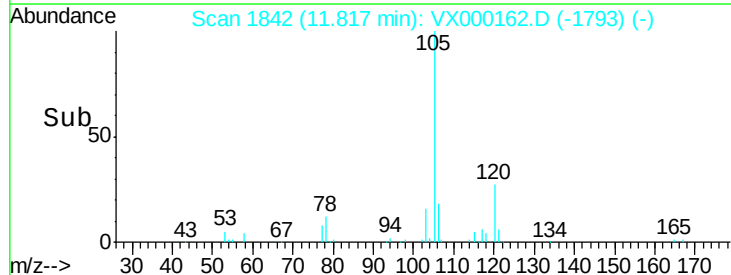
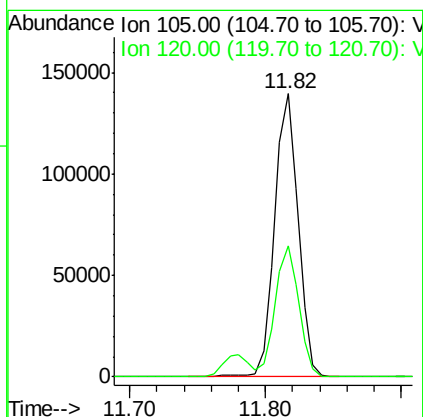
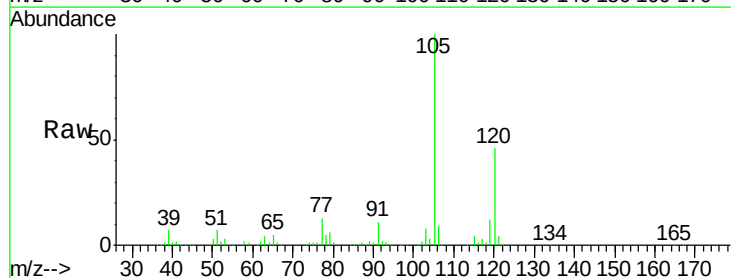
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

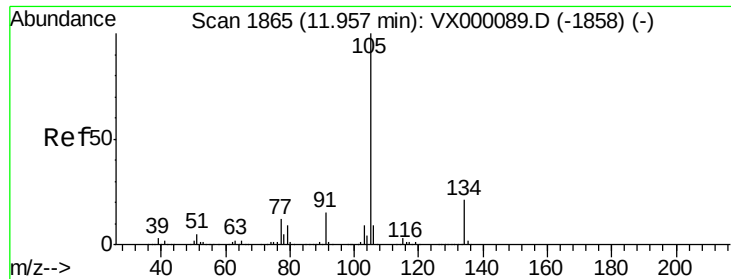
Tgt Ion:119 Resp: 164195
 Ion Ratio Lower Upper
 119 100
 91 58.6 28.4 85.2
 134 22.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.68 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion:105 Resp: 169191
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 22.12 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

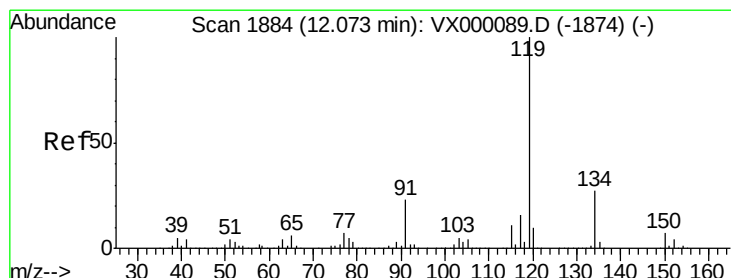
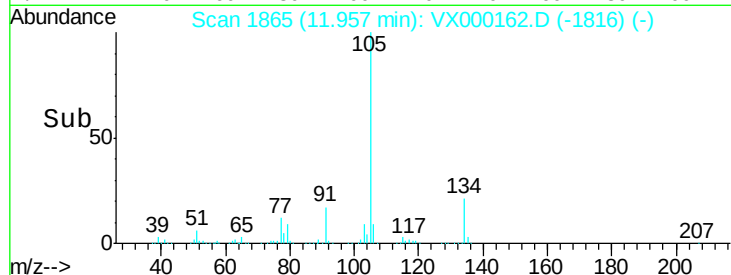
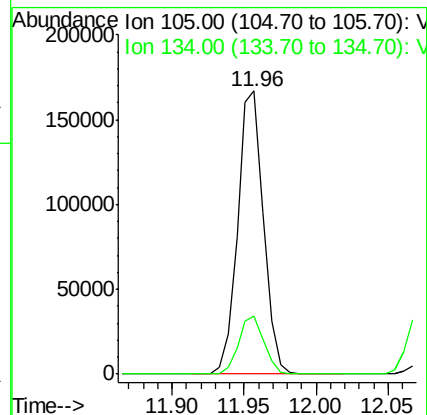
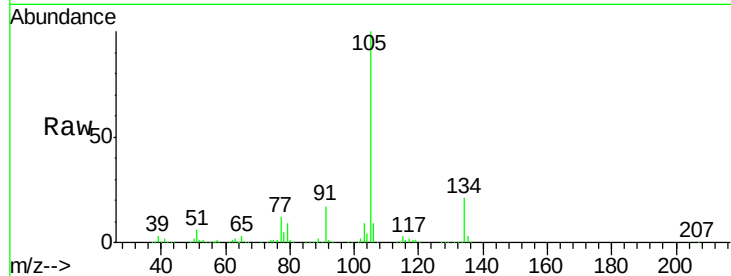
VX0228WBS01

Tgt Ion:105 Resp: 208458

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.6



#86

p-Isopropyltoluene

Concen: 21.99 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000162.D

Acq: 28 Feb 2018 12:28

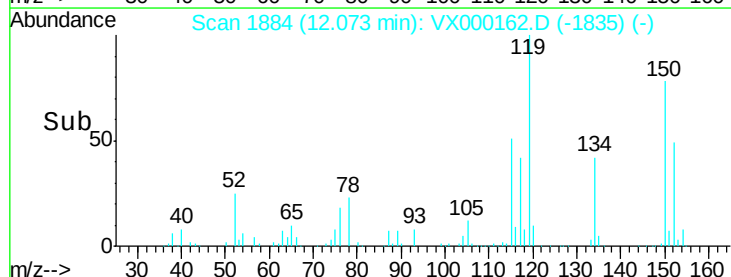
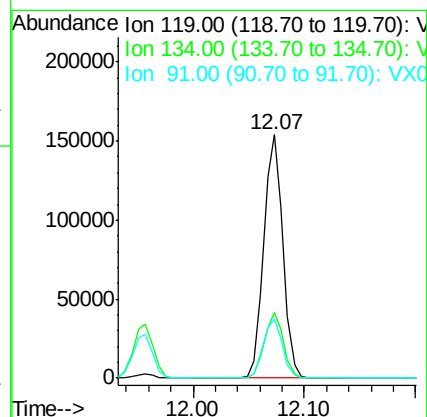
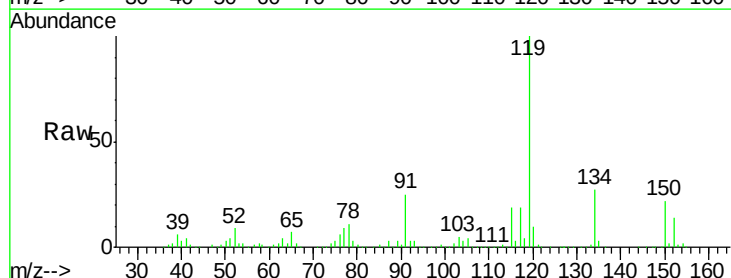
Tgt Ion:119 Resp: 185145

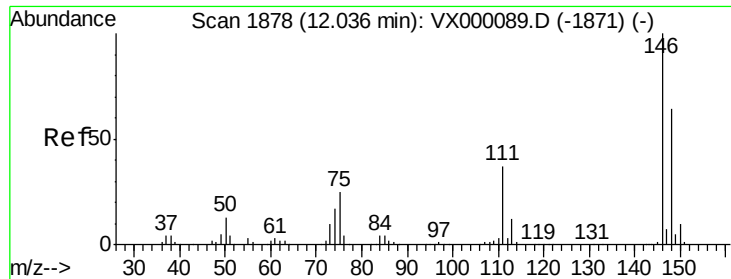
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 24.6 11.7 35.0

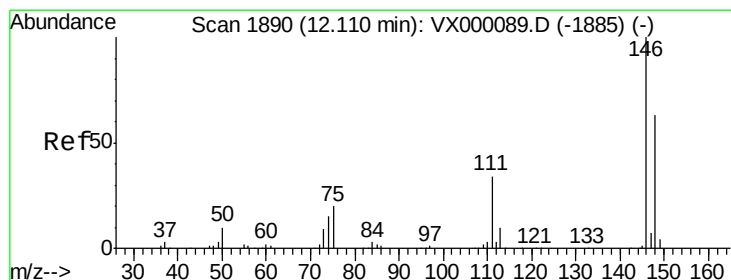
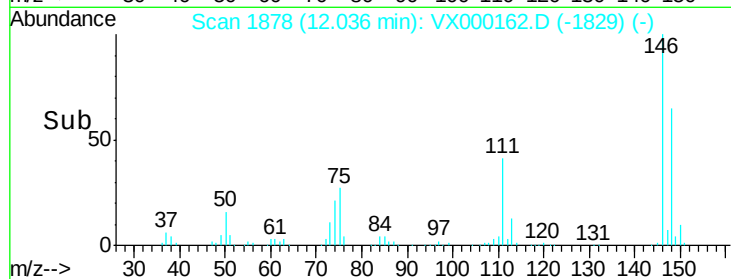
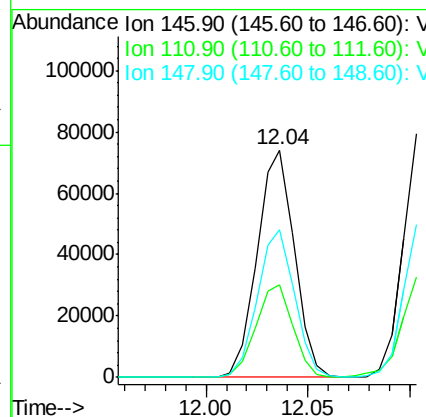
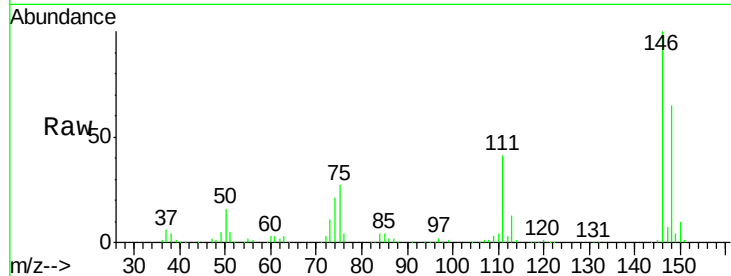




#87
 1,3-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBS01

Tgt Ion:146 Resp: 94127
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.1 57.3
 148 64.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.69 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000162.D
 Acq: 28 Feb 2018 12:28

Tgt Ion:146 Resp: 98808
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.4 55.0
 148 63.0 31.9 95.9

