

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005879.D
 Acq On : 09 Nov 2018 23:57
 Operator : JC/MD
 Sample : J5889-02
 Misc : 14.24u/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-B

Quant Time: Nov 11 23:56:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	104773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	161724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74148	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	65516	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	5.51	113	51883	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	176246	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.14	95	68502	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	250	0.202	ug/l #	42
5) Bromomethane	1.64	94	488	0.641	ug/l	93
11) Tert butyl alcohol	3.02	59	1499	4.344	ug/l #	72
13) Acrolein	2.37	56	19	19.270	ug/l #	59
14) Allyl chloride	2.76	41	641	0.310	ug/l #	84
16) Acetone	2.48	43	403	0.621	ug/l #	86
18) Methyl Acetate	2.81	43	8543	3.537	ug/l #	87
20) Methylene Chloride	2.84	84	262	0.246	ug/l #	80
25) 2-Butanone	4.73	43	312	0.306	ug/l #	51
31) Cyclohexane	5.56	56	1307	0.779	ug/l	97
36) 1,1-Dichloropropene	5.65	75	7445	4.775	ug/l #	49
38) Carbon Tetrachloride	5.65	117	9612	6.158	ug/l #	16
39) Methylcyclohexane	7.45	83	12283	7.773	ug/l #	81
40) Benzene	6.13	78	3995	0.879	ug/l #	87
48) Methyl methacrylate	7.73	41	866	0.649	ug/l #	65
51) 4-Methyl-2-Pentanone	8.67	43	2820	1.506	ug/l #	59
52) Toluene	8.79	92	7360	2.897	ug/l	97
53) t-1,3-Dichloropropene	8.97	75	407	0.264	ug/l #	83
55) 1,1,2-Trichloroethane	9.16	97	7080	6.254	ug/l #	18
56) Ethyl methacrylate	9.16	69	1937	1.144	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	19	8.298	ug/l #	48
59) 2-Hexanone	9.55	43	3896	2.361	ug/l #	40
67) Ethyl Benzene	10.26	91	53301	12.175	ug/l	99
68) m/p-Xylenes	10.36	106	46882	28.074	ug/l	97
69) o-Xylene	10.70	106	15985	10.675	ug/l	99
70) Styrene	10.70	104	1025	0.415	ug/l #	1
73) Isopropylbenzene	11.02	105	20886	4.871	ug/l	100
74) N-amyl acetate	10.91	43	12241	6.211	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	10913	6.934	ug/l #	32
76) 1,2,3-Trichloropropane	11.43	75	1453	0.962	ug/l #	1
78) n-propylbenzene	11.36	91	55306	10.944	ug/l	97
79) 2-Chlorotoluene	11.44	91	18936	6.199	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	97032	26.629	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	34542	72.917	ug/l #	11

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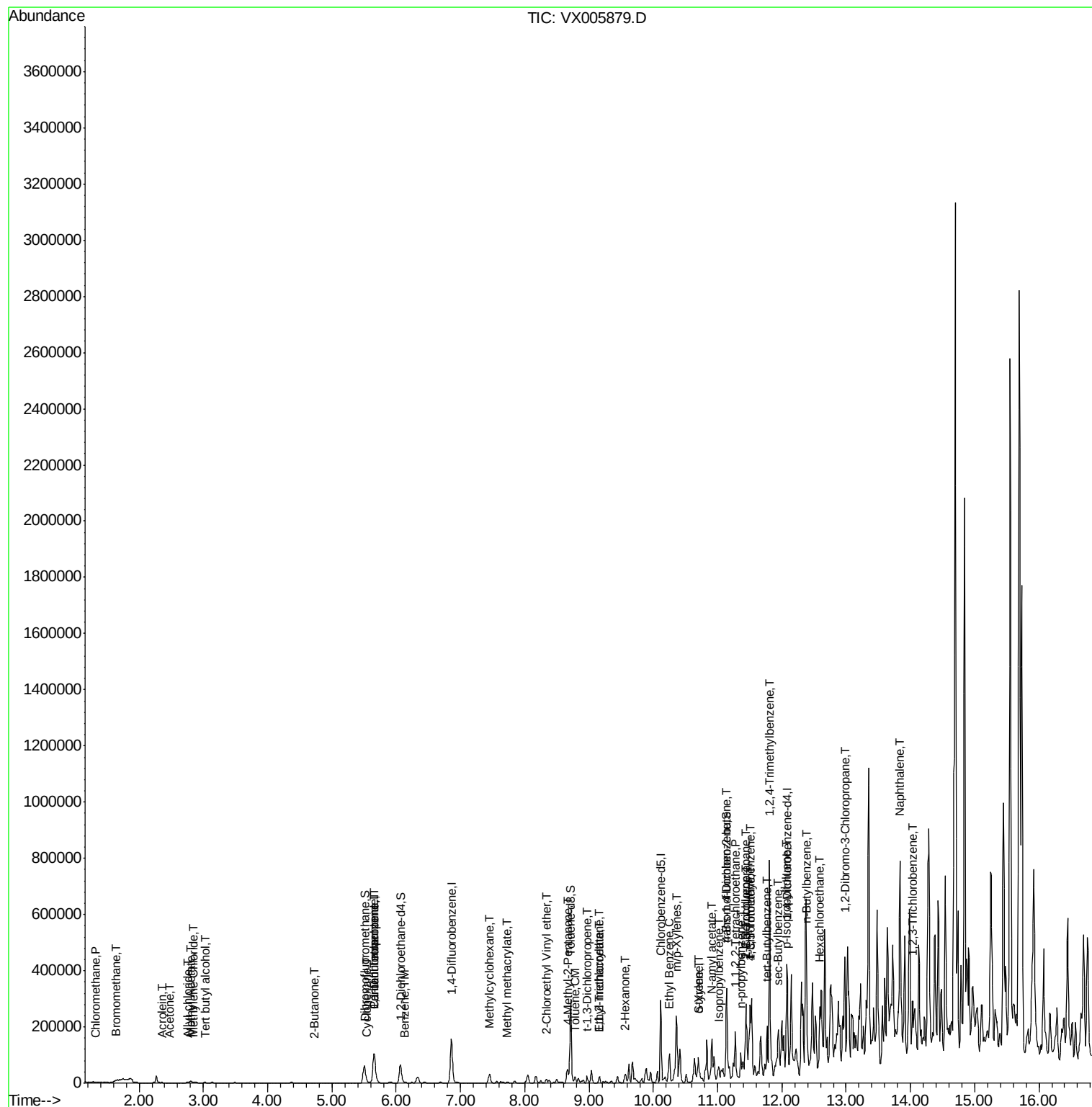
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	10965	3.046	ug/l #	44
83) tert-Butylbenzene	11.77	119	1792	0.486	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.81	105	303120	75.440	ug/l	100
85) sec-Butylbenzene	11.95	105	38294	8.495	ug/l	82
86) p-Isopropyltoluene	12.07	119	28857	7.227	ug/l	98
89) n-Butylbenzene	12.39	91	69522	18.786	ug/l #	38
90) Hexachloroethane	12.59	117	9438	14.157	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1452	3.781	ug/l #	1
95) Naphthalene	13.83	128	442320	82.142	ug/l	97
96) 1,2,3-Trichlorobenzene	14.04	180	837	0.502	ug/l #	1

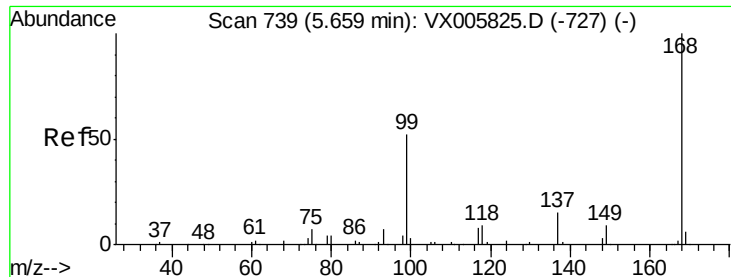
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

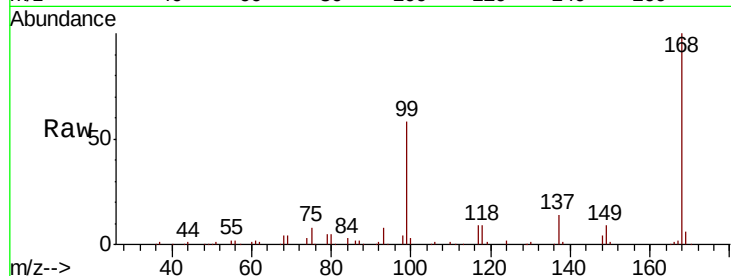
WALL-B

Tot Ion:168 Resp: 104773

Ion Ratio Lower Upper

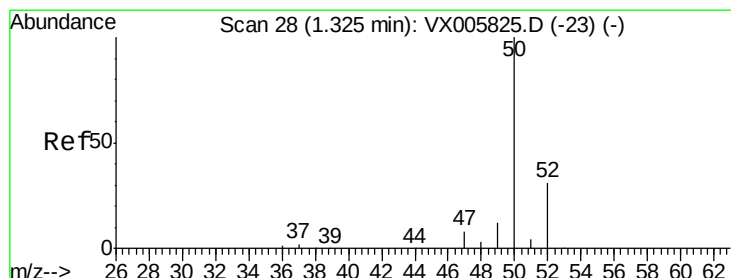
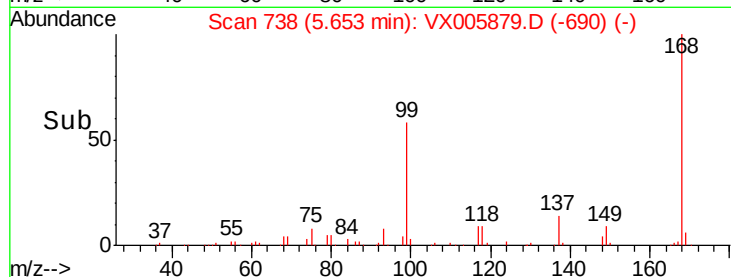
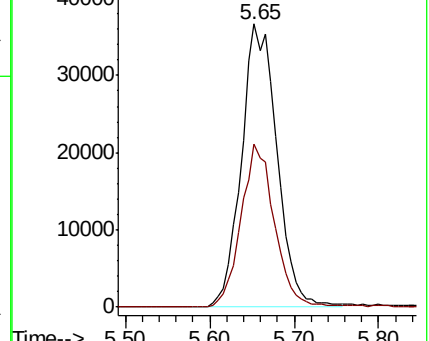
168 100

99 57.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.202 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005879.D

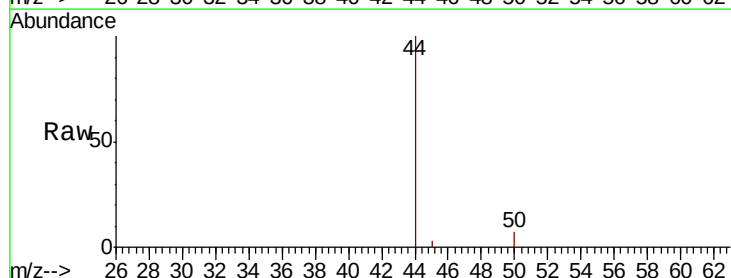
Acq: 09 Nov 2018 23:57

Tgt Ion: 50 Resp: 250

Ion Ratio Lower Upper

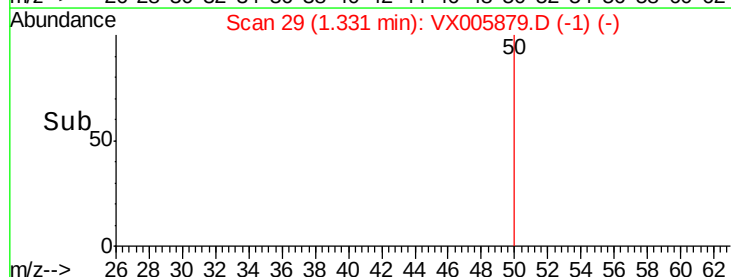
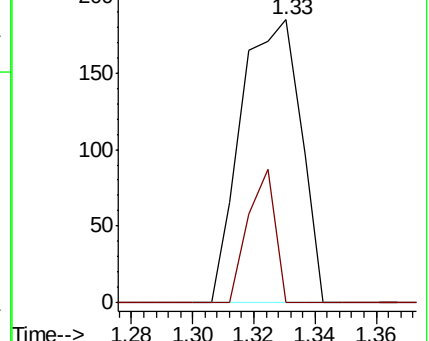
50 100

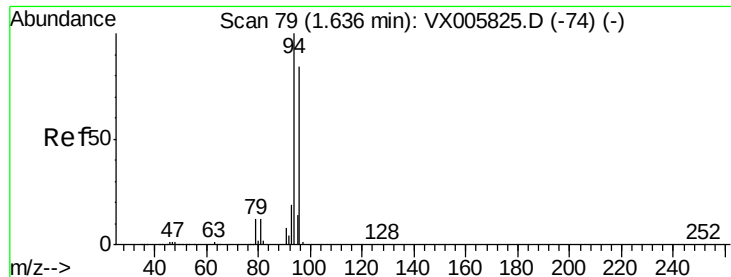
52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.641 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

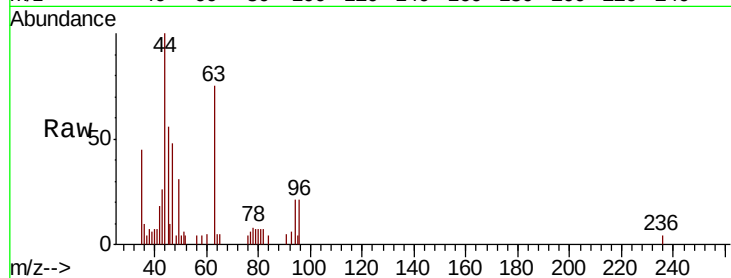
WALL-B

Tot Ion: 94 Resp: 488

Ion Ratio Lower Upper

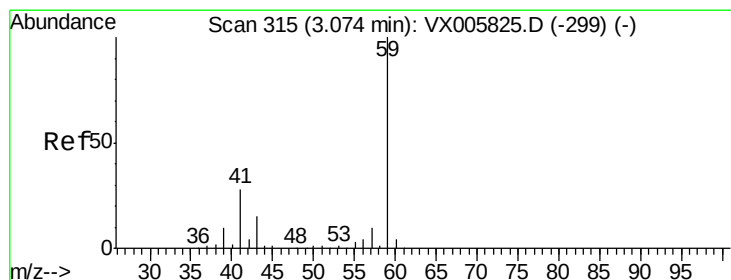
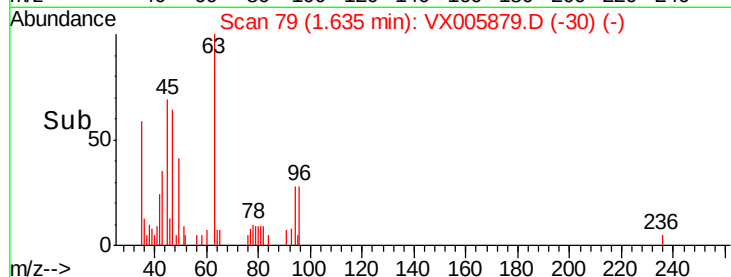
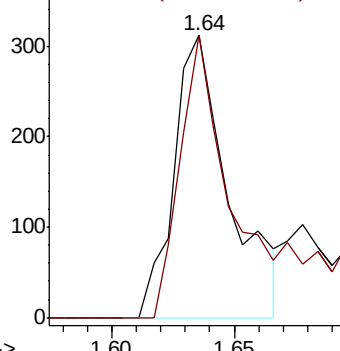
94 100

96 100.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 4.344 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005879.D

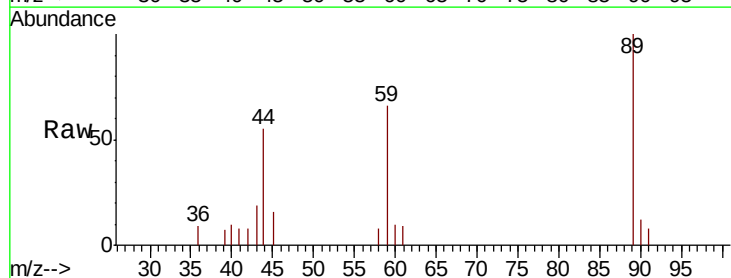
Acq: 09 Nov 2018 23:57

Tgt Ion: 59 Resp: 1499

Ion Ratio Lower Upper

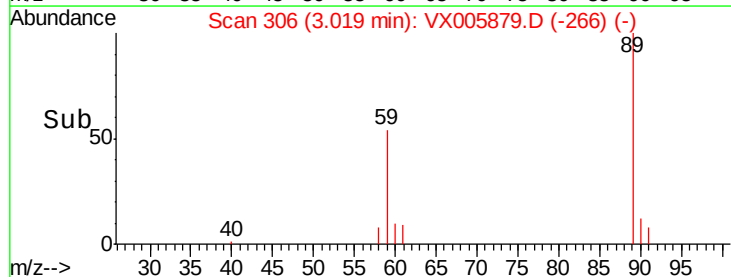
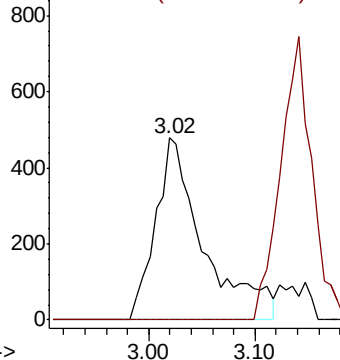
59 100

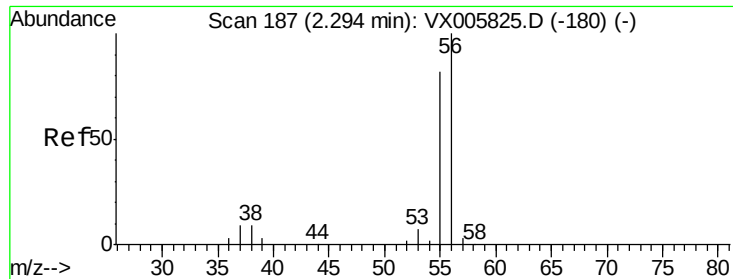
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 19.270 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.07 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

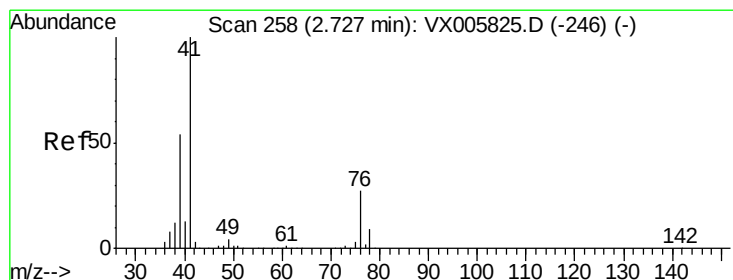
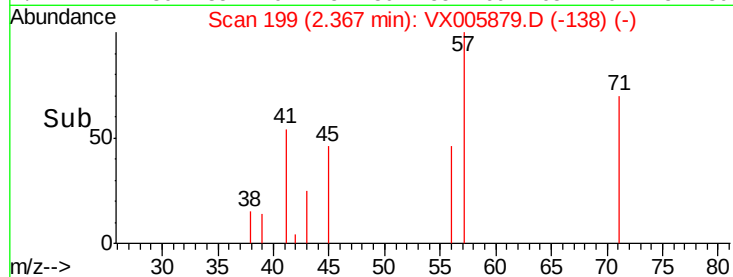
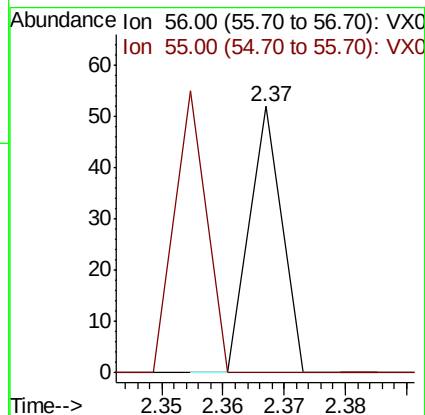
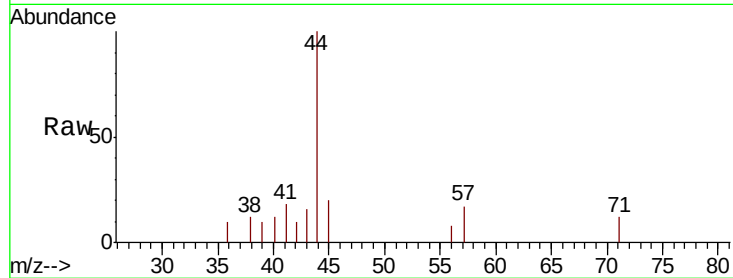
WALL-B

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 105.3 57.3 85.9#



#14

Allyl chloride

Concen: 0.310 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.04 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

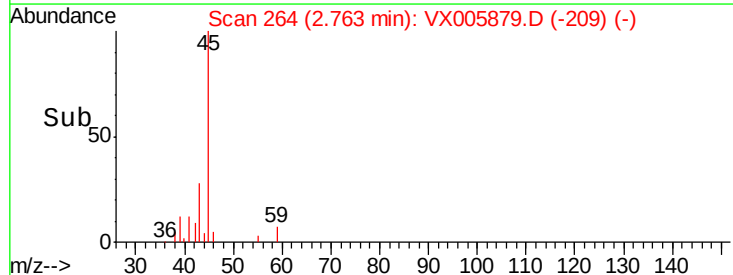
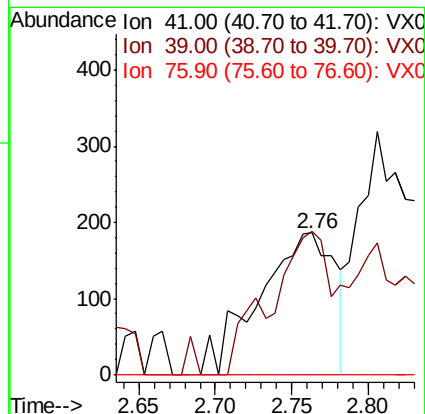
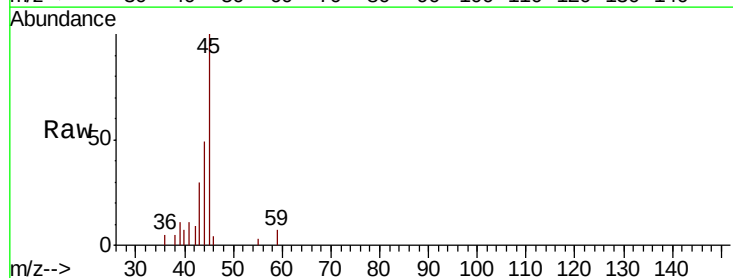
Tgt Ion: 41 Resp: 641

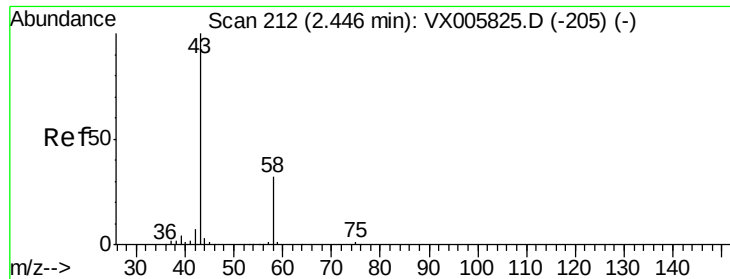
Ion Ratio Lower Upper

41 100

39 60.4 48.2 72.4

76 0.0 21.9 32.9#





#16

Acetone

Concen: 0.621 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

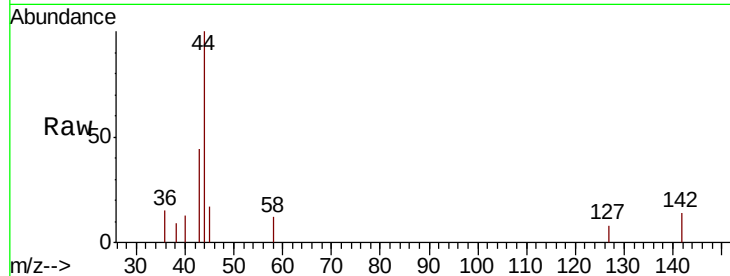
WALL-B

Tot Ion: 43 Resp: 403

Ion Ratio Lower Upper

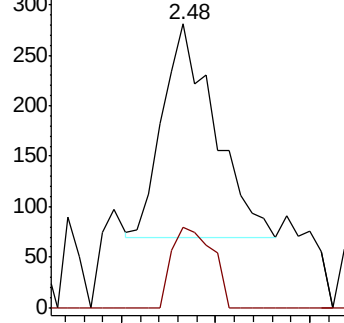
43 100

58 37.4 23.8 35.6#

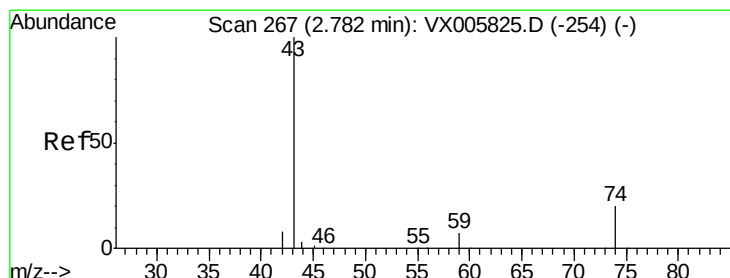
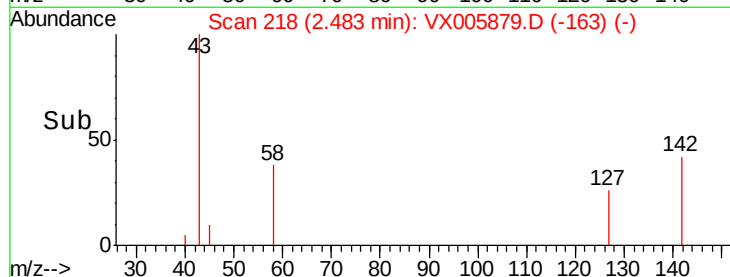


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#18

Methyl Acetate

Concen: 3.537 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.02 min

Lab File: VX005879.D

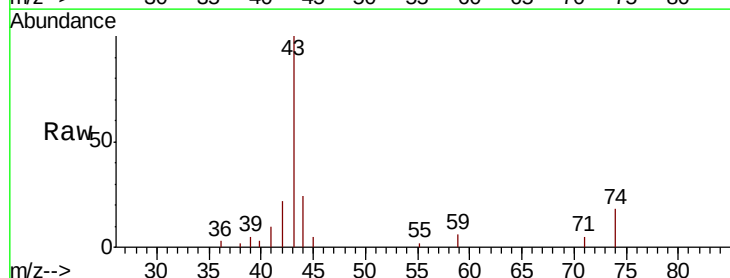
Acq: 09 Nov 2018 23:57

Tgt Ion: 43 Resp: 8543

Ion Ratio Lower Upper

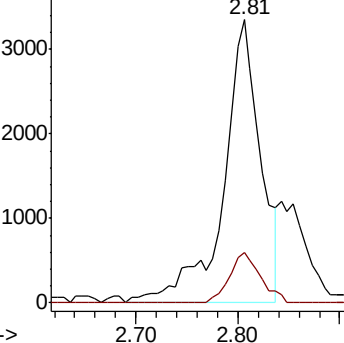
43 100

74 14.8 16.8 25.2#

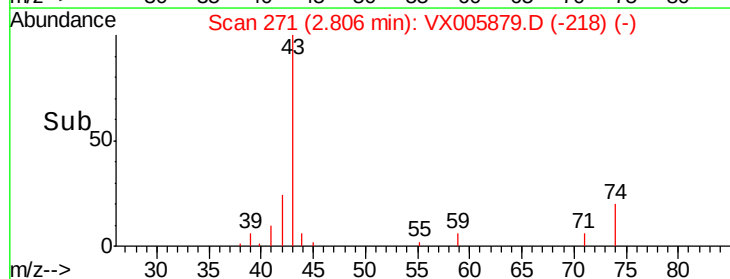


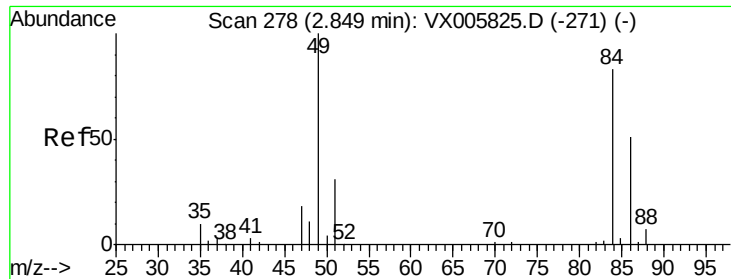
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

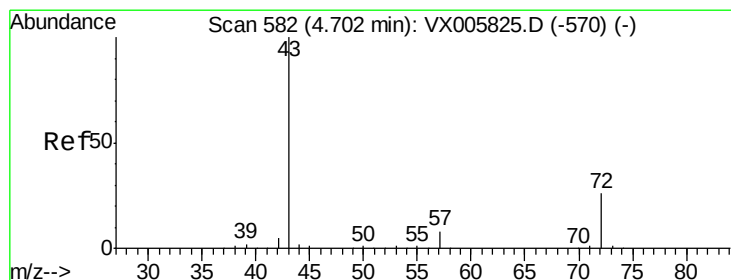
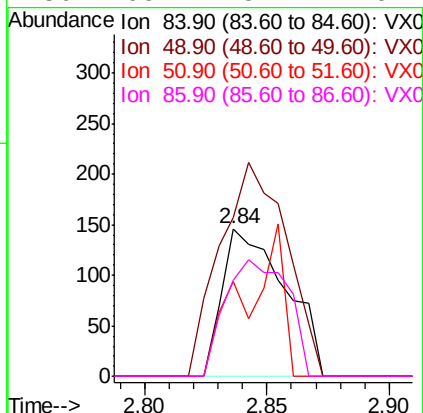
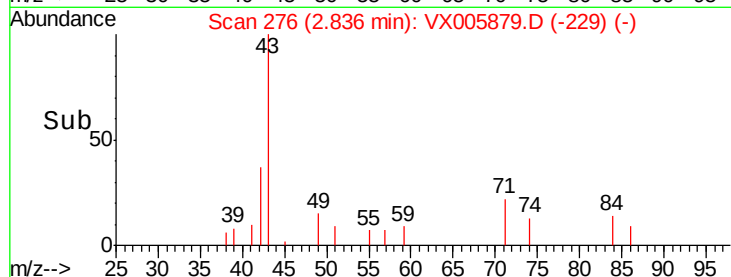
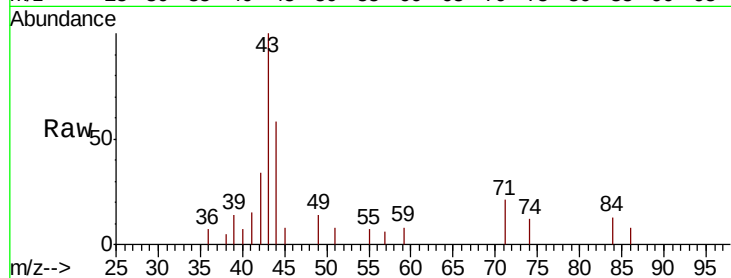




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.01 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

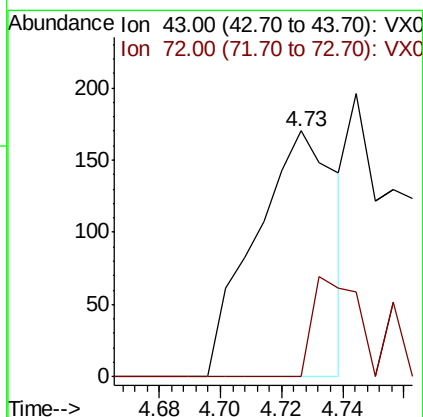
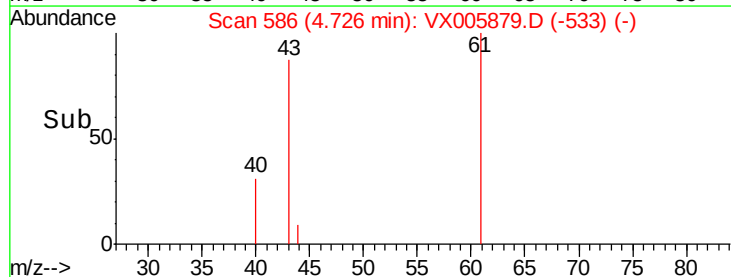
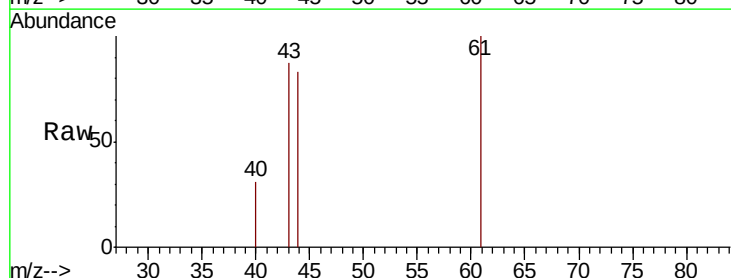
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MSVOA_X
ClientSampled :
WALL-B

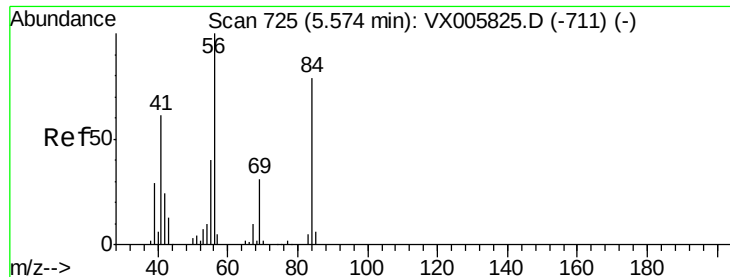
Tot Ion:	84	Resp:	262
Ion	Ratio	Lower	Upper
84	100		
49	107.5	109.5	164.3#
51	64.4	33.3	49.9#
86	65.1	52.7	79.1



#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.73 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion:	43	Resp:	312
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

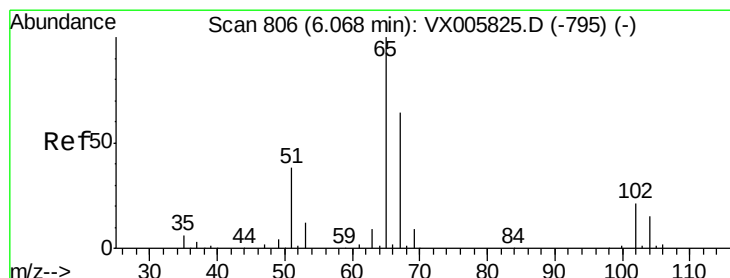
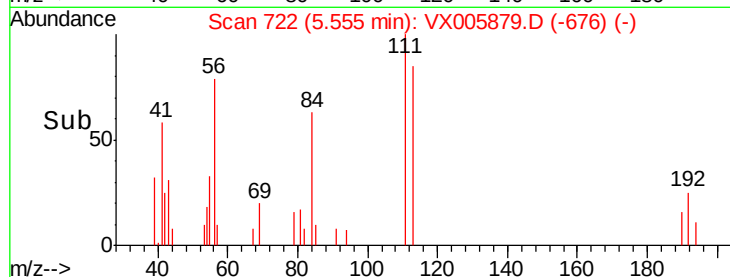
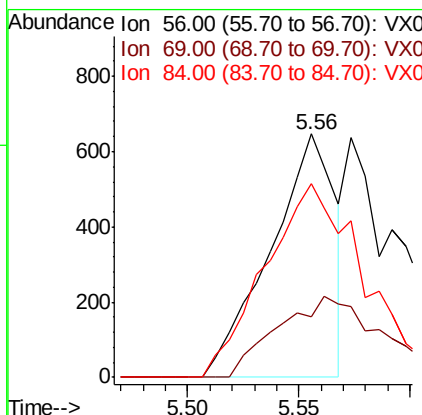
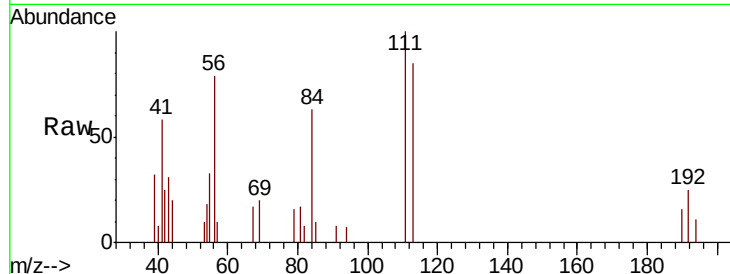




#31
Cyclohexane
Concen: 0.779 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

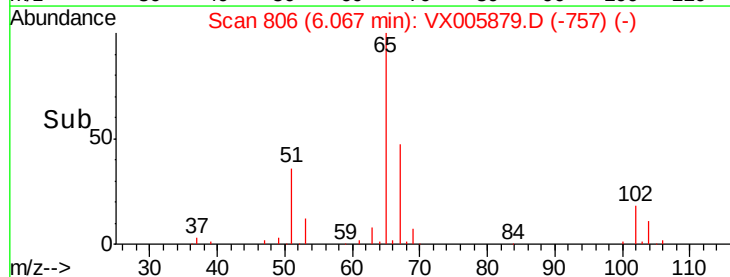
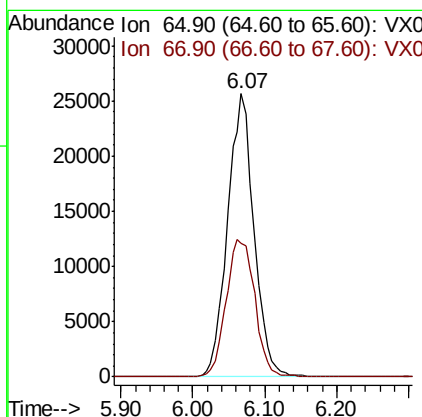
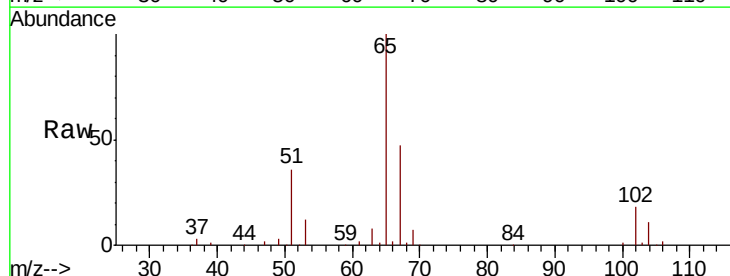
Instrument :
MSVOA_X
ClientSampleId :
WALL-B

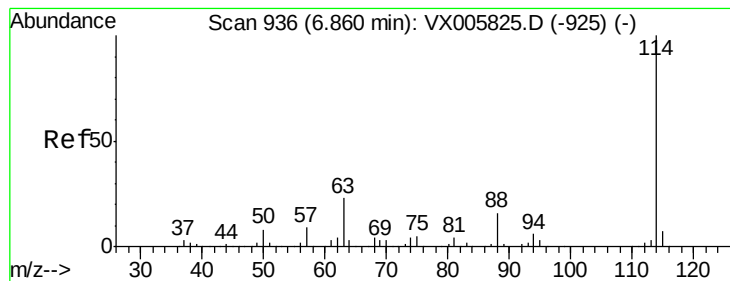
Tot Ion: 56 Resp: 1307
Ion Ratio Lower Upper
56 100
69 25.2 22.6 34.0
84 79.8 62.7 94.1



#33
1,2-Dichloroethane-d4
Concen: 54.393 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 65 Resp: 65516
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

WALL-B

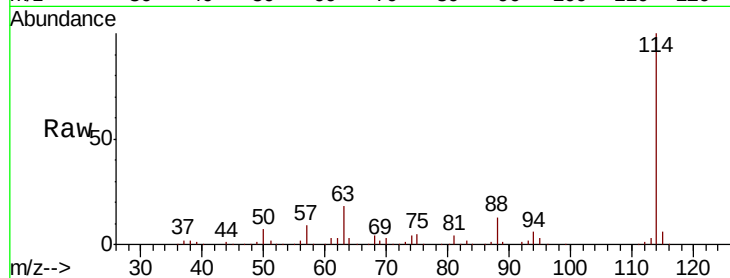
Tot Ion:114 Resp: 161724

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.8

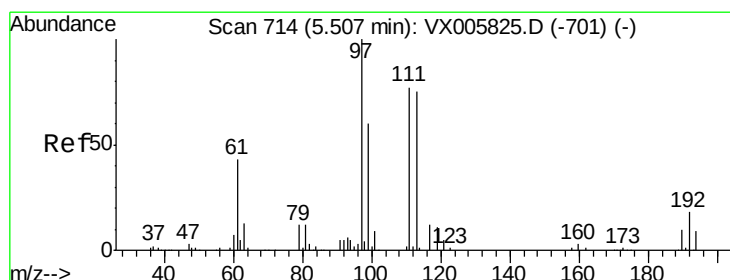
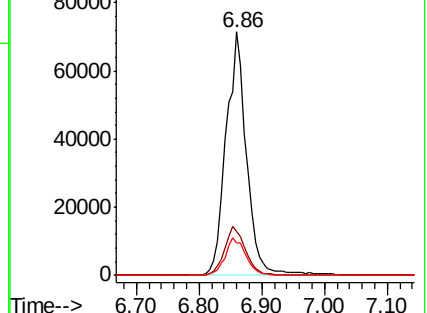
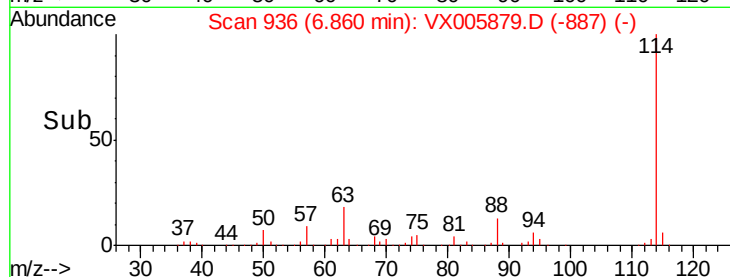
88 13.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.168 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

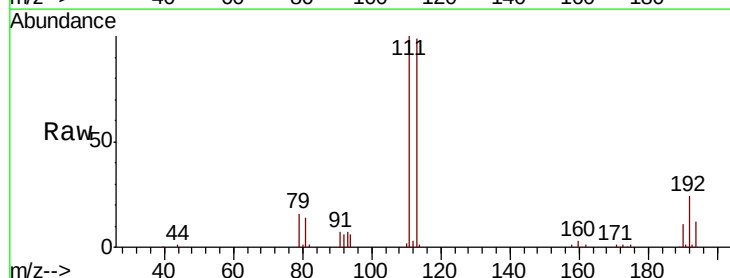
Tgt Ion:113 Resp: 51883

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

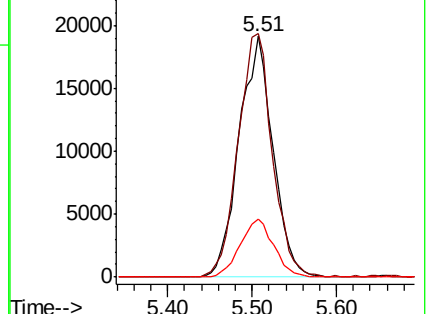
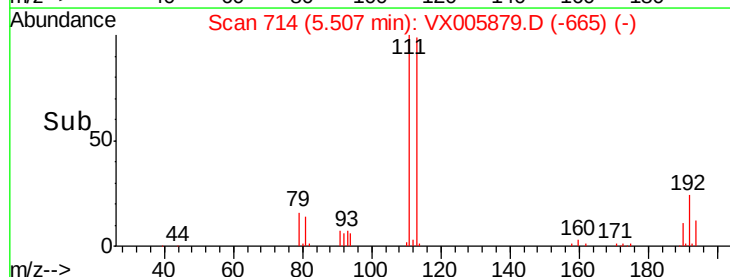
192 23.7 17.9 26.9

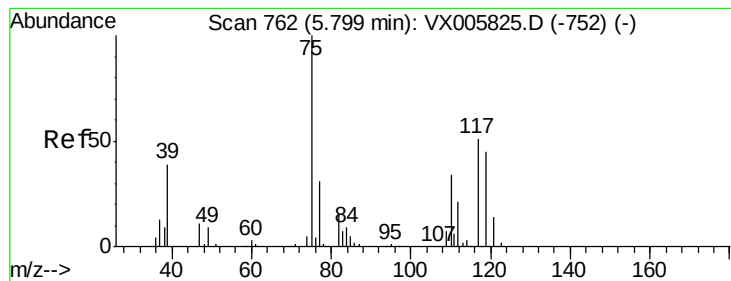


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.775 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

WALL-B

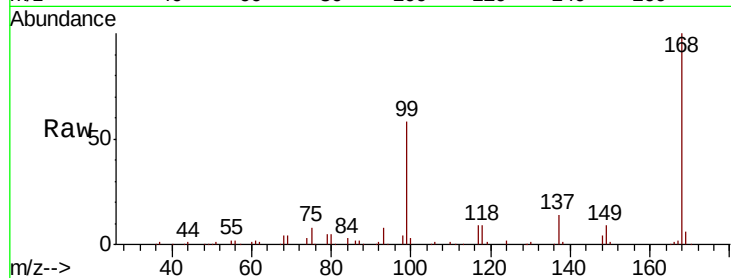
Tot Ion: 75 Resp: 7445

Ion Ratio Lower Upper

75 100

110 8.9 17.4 52.2#

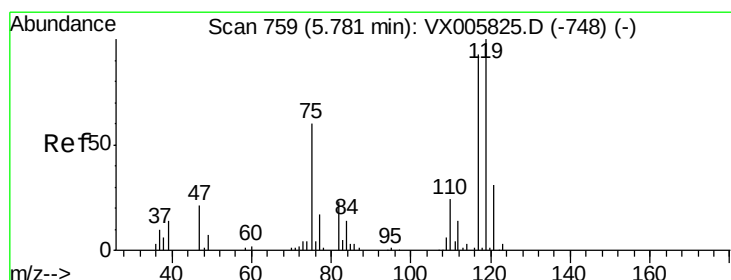
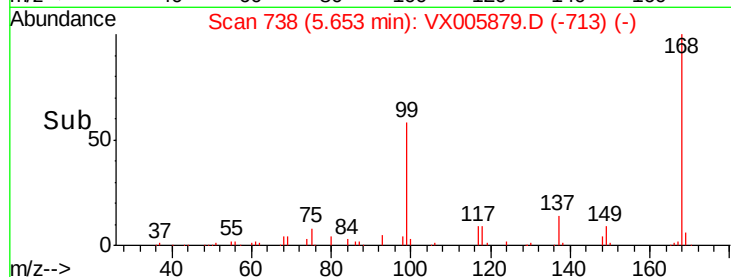
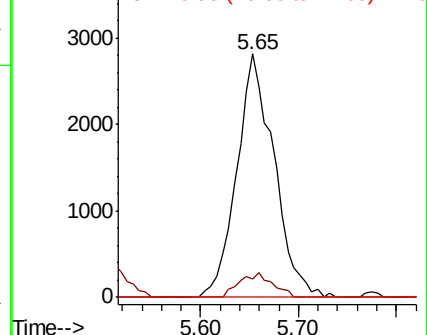
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.158 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

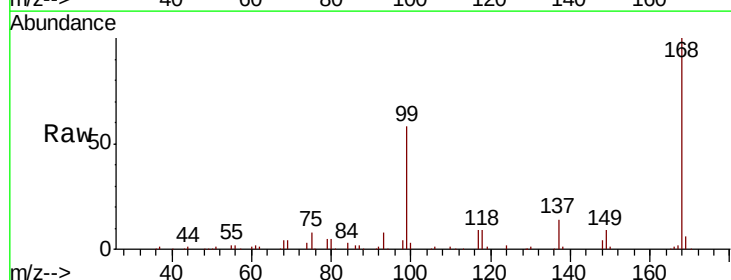
Tgt Ion: 117 Resp: 9612

Ion Ratio Lower Upper

117 100

119 5.9 78.1 117.1#

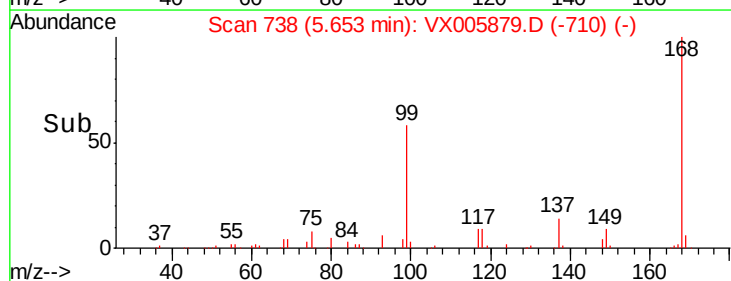
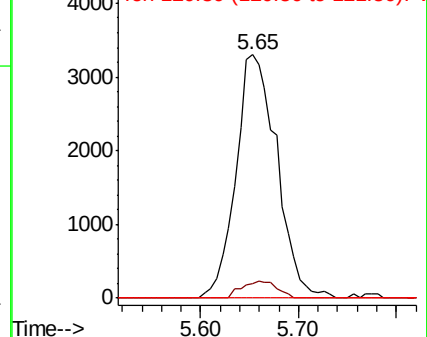
121 0.0 24.6 36.8#

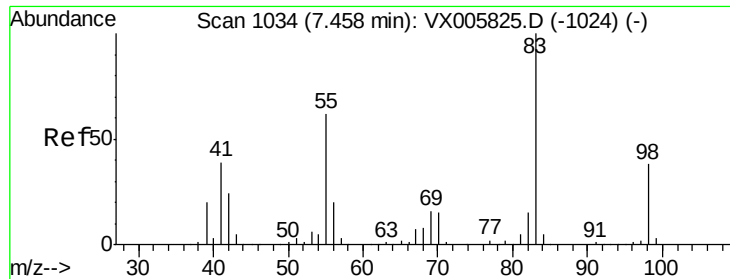


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

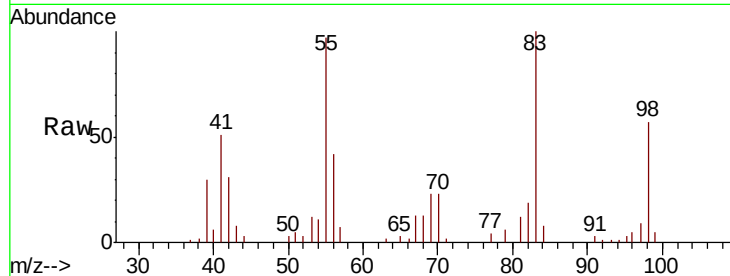




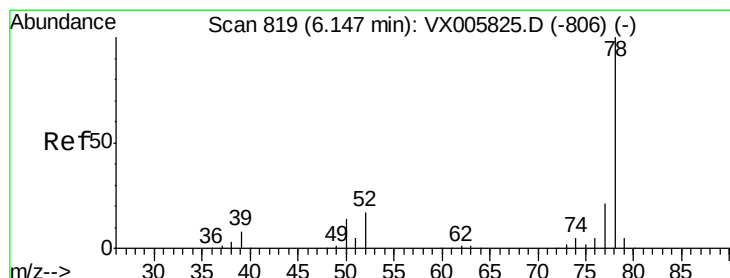
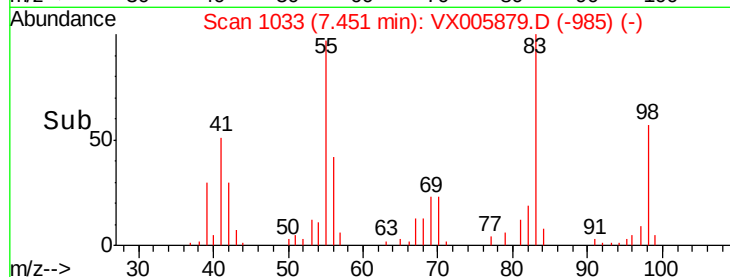
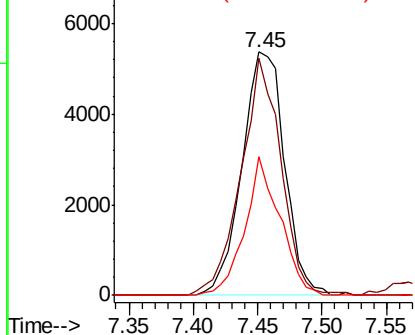
#39
Methylvlcyclohexane
Concen: 7.773 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
WALL-B

Tot Ion: 83 Resp: 12283
Ion Ratio Lower Upper
83 100
55 97.3 63.7 95.5#
98 57.0 36.2 54.2#

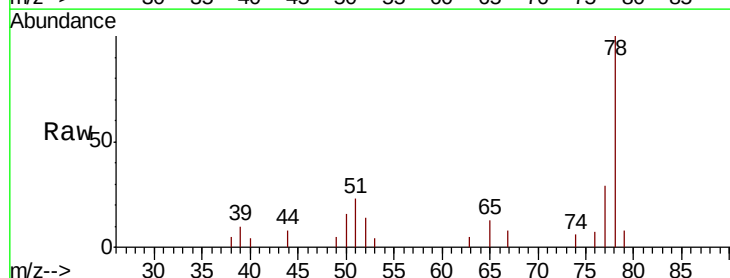


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

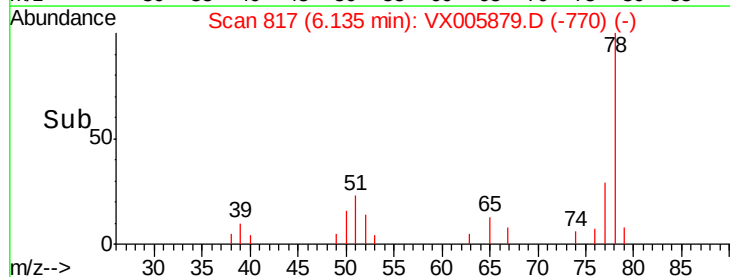
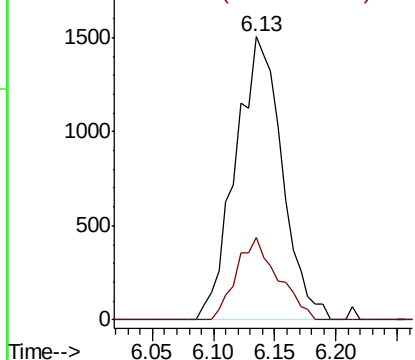


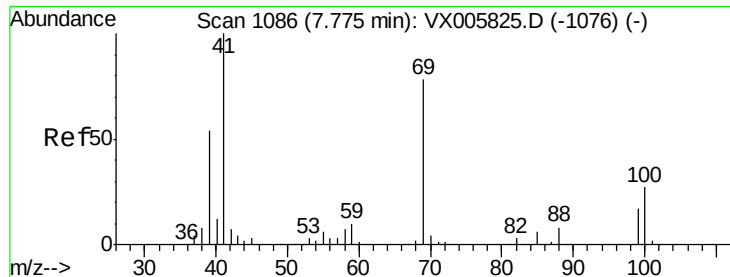
#40
Benzene
Concen: 0.879 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 78 Resp: 3995
Ion Ratio Lower Upper
78 100
77 29.3 18.4 27.6#



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

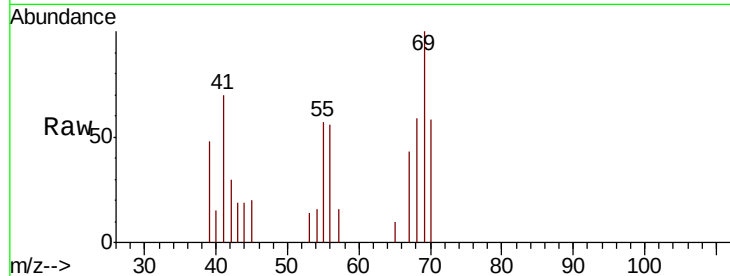




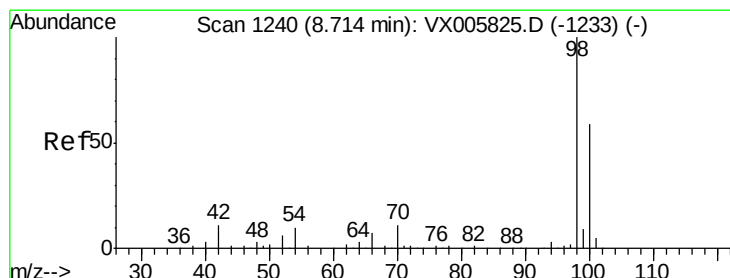
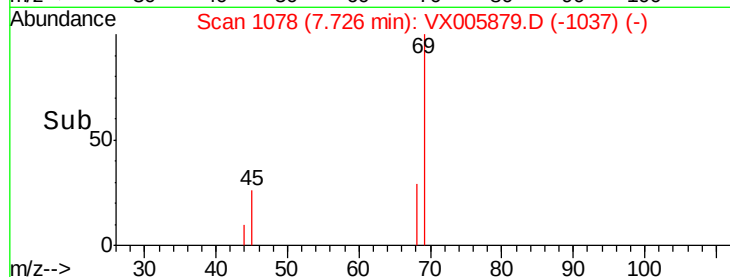
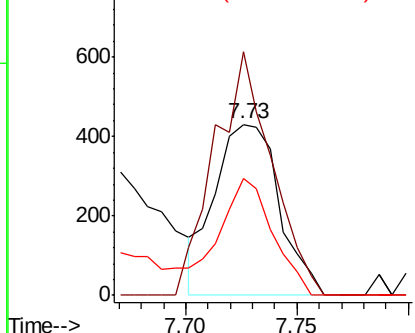
#48
Methvl methacrylate
Concen: 0.649 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
WALL-B

Tot Ion: 41 Resp: 866
Ion Ratio Lower Upper
41 100
69 127.4 63.2 94.8#
39 56.4 42.2 63.2

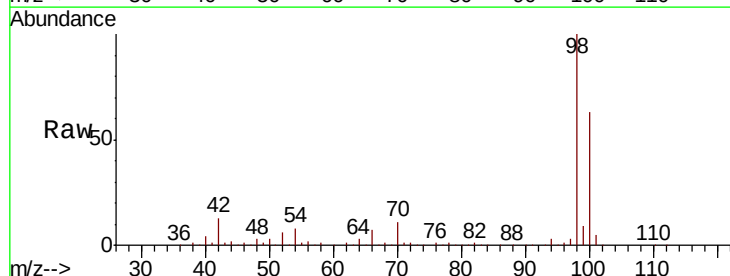


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

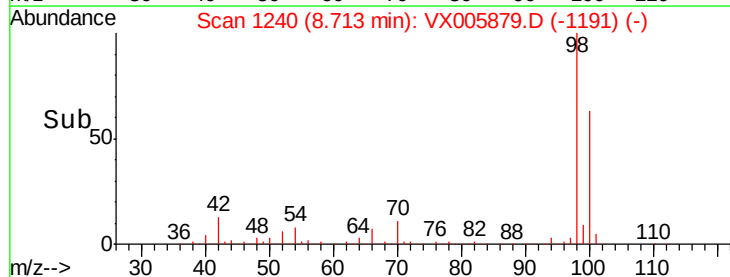
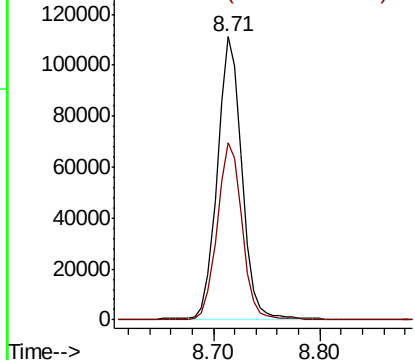


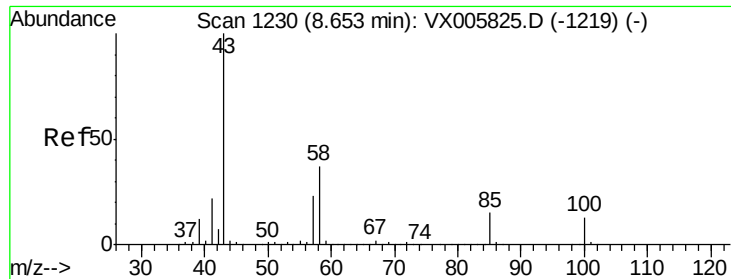
#50
Toluene-d8
Concen: 48.195 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 98 Resp: 176246
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 1.506 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

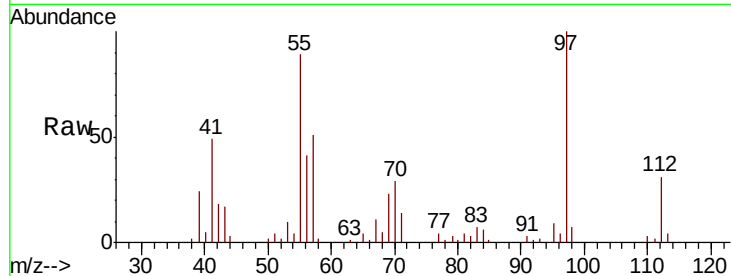
WALL-B

Tot Ion: 43 Resp: 2820

Ion Ratio Lower Upper

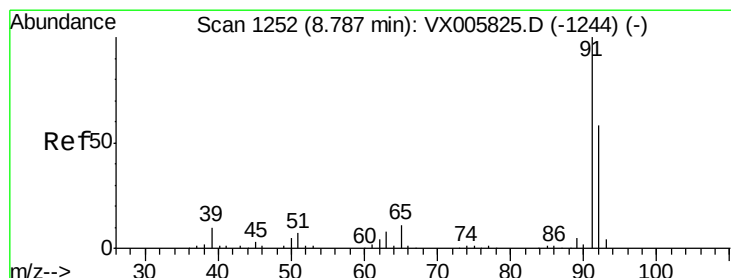
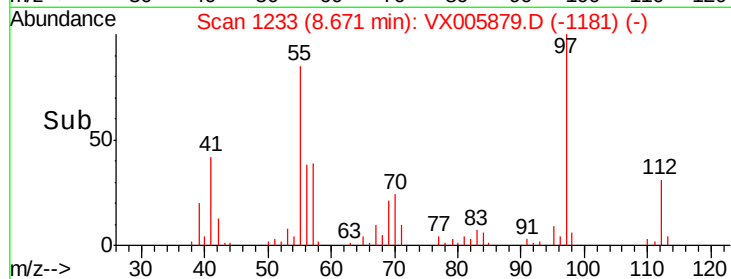
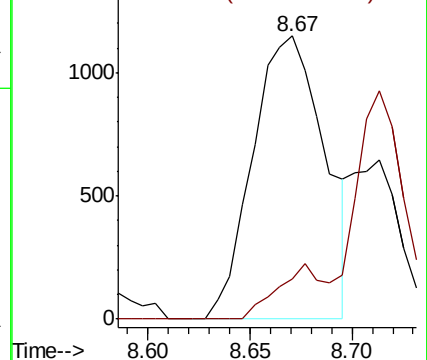
43 100

58 12.7 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.897 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005879.D

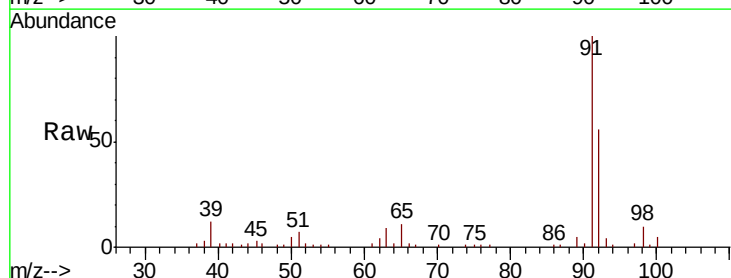
Acq: 09 Nov 2018 23:57

Tgt Ion: 92 Resp: 7360

Ion Ratio Lower Upper

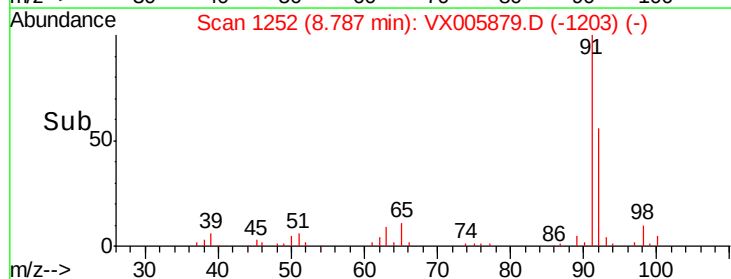
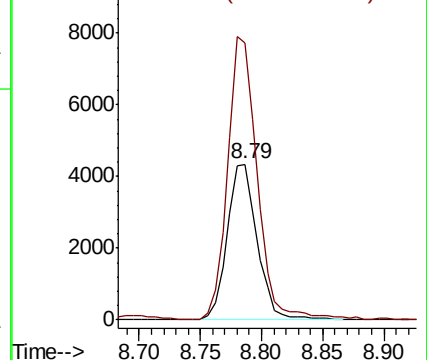
92 100

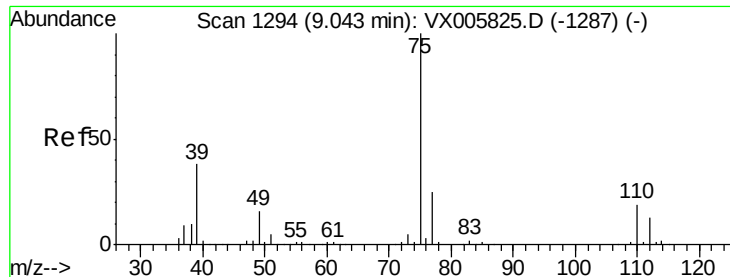
91 180.4 140.4 210.6



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: 0.264 ug/l

RT: 8.97 min Scan# 1282

Delta R.T. -0.07 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

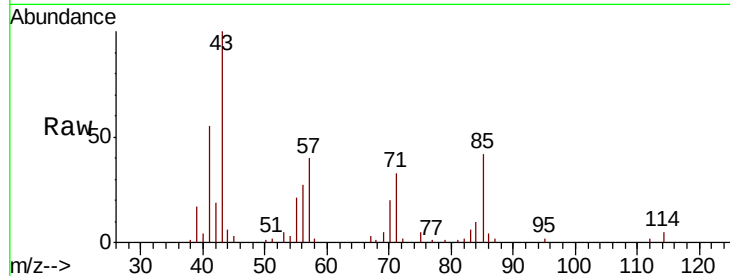
WALL-B

Tot Ion: 75 Resp: 407

Ion Ratio Lower Upper

75 100

77 22.2 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.97

250

200

150

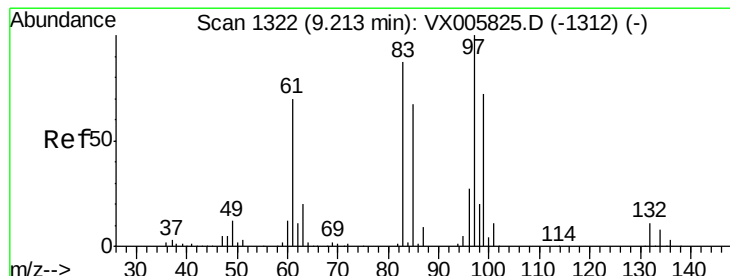
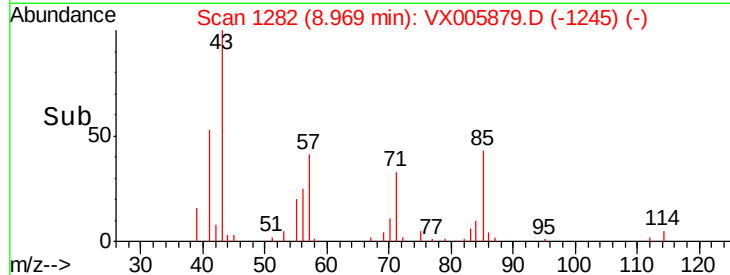
100

50

0

8.95 9.00

Time-->



#55

1,1,2-Trichloroethane

Concen: 6.254 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Tgt Ion: 97 Resp: 7080

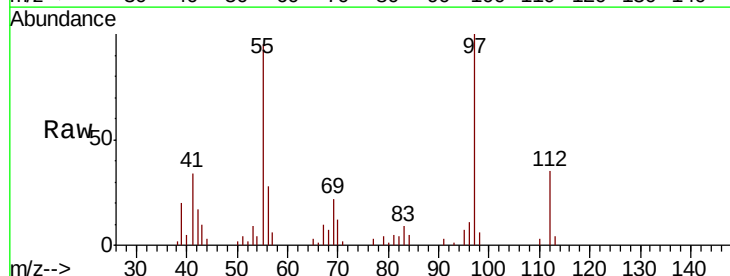
Ion Ratio Lower Upper

97 100

83 9.0 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

6000

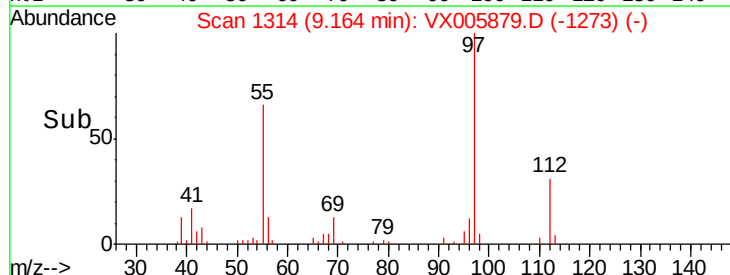
4000

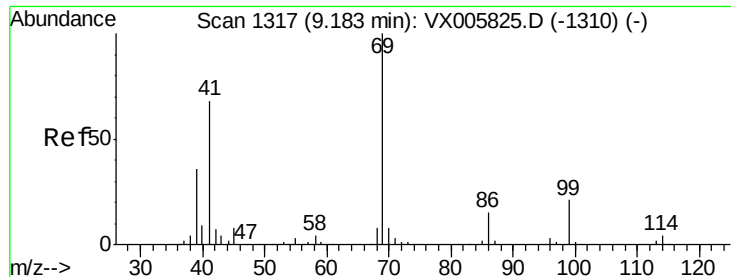
2000

0

9.10 9.15 9.20

Time-->

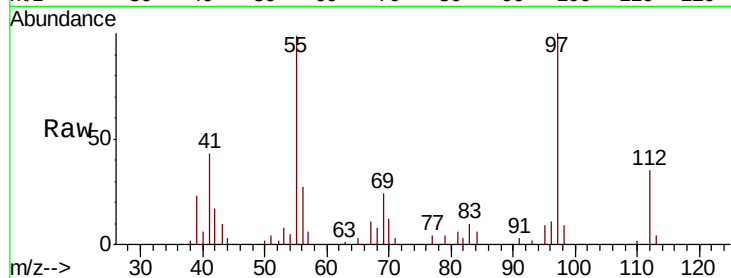




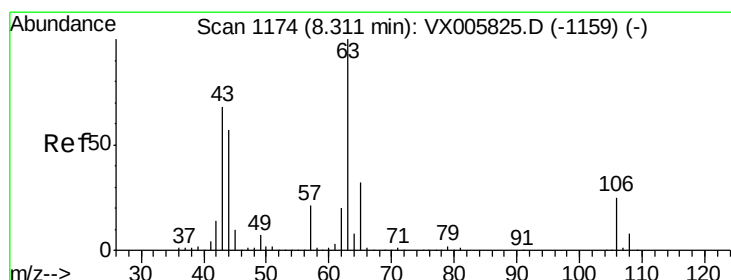
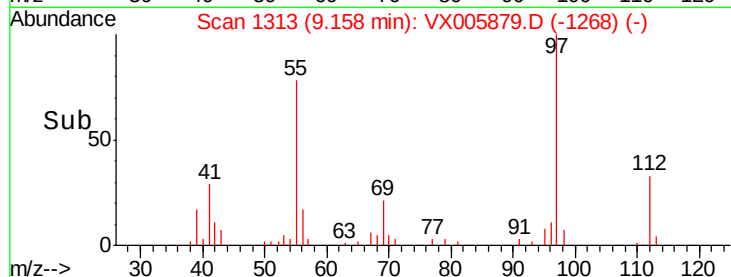
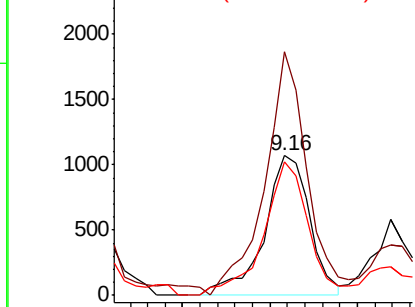
#56
Ethyl methacrylate
Concen: 1.144 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
WALL-B

Tot Ion: 69 Resp: 1937
Ion Ratio Lower Upper
69 100
41 162.7 57.0 85.6#
39 92.3 28.3 42.5#

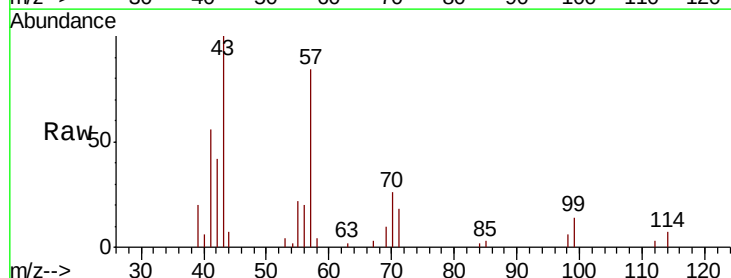


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

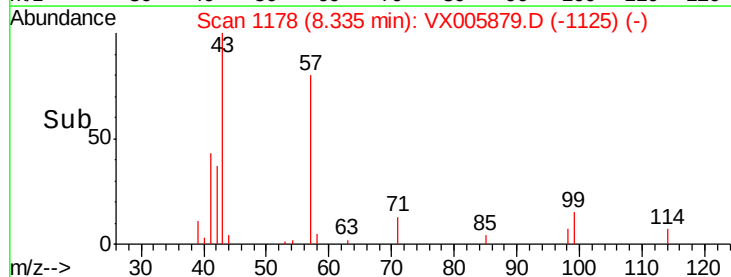
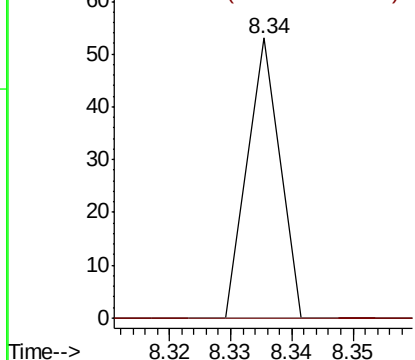


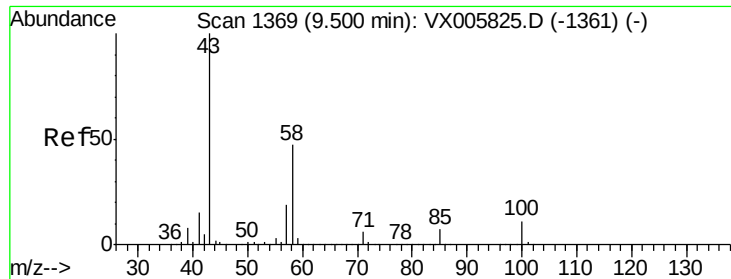
#58
2-Chloroethyl Vinyl ether
Concen: 8.298 ug/l
RT: 8.34 min Scan# 1178
Delta R.T. 0.02 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



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

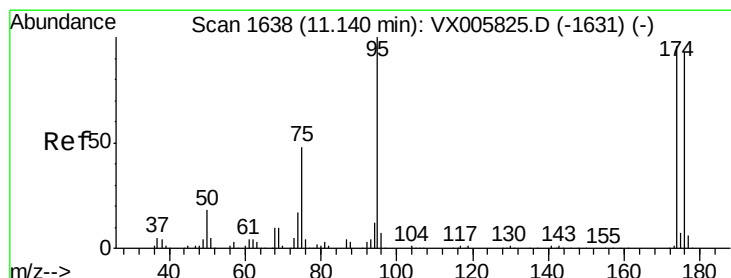
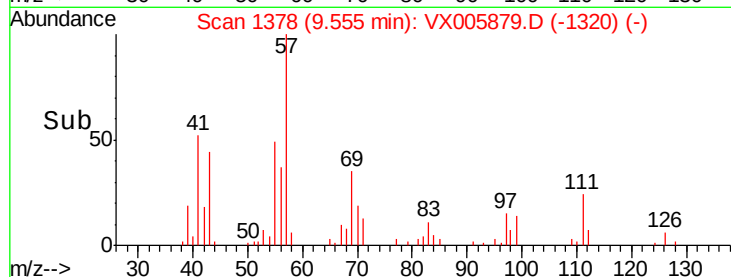
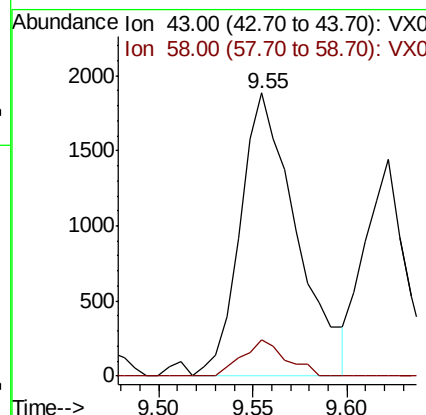
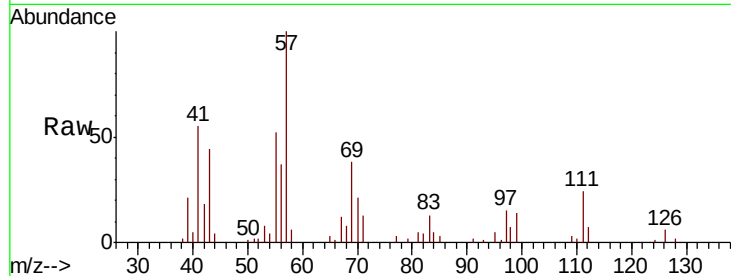




#59
2-Hexanone
Concen: 2.361 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

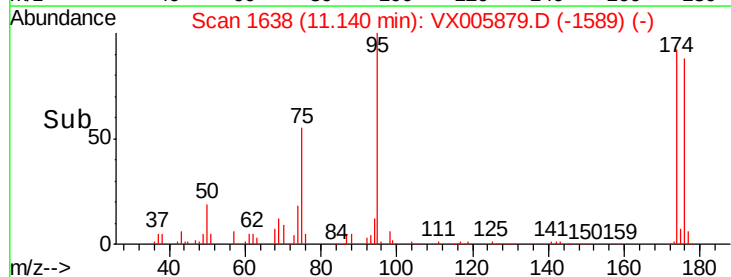
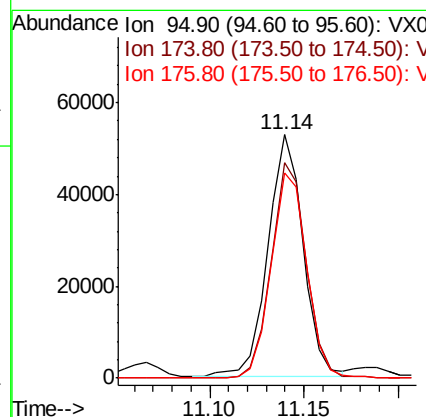
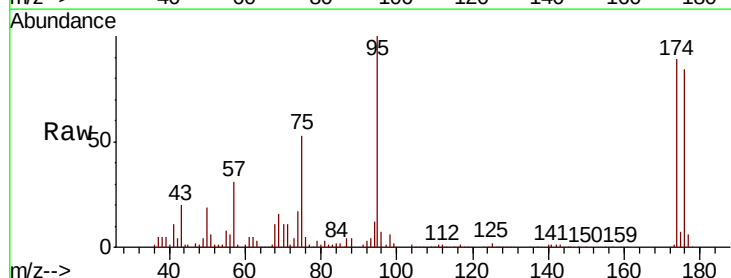
Instrument :
MSVOA_X
ClientSampleId :
WALL-B

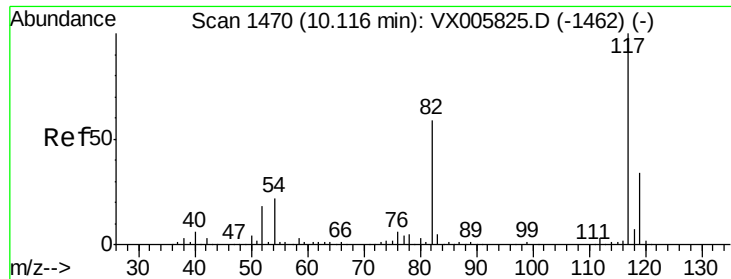
Tot Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
58 9.8 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 52.101 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 95 Resp: 68502
Ion Ratio Lower Upper
95 100
174 88.2 0.0 184.4
176 85.6 0.0 177.4

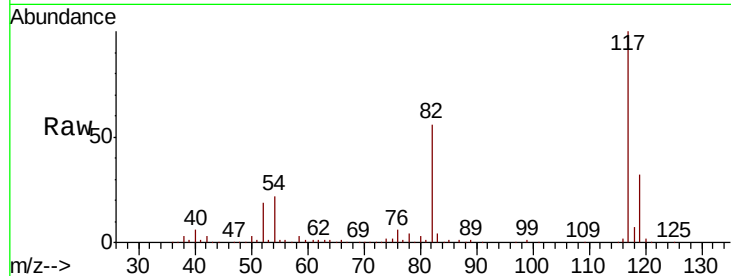




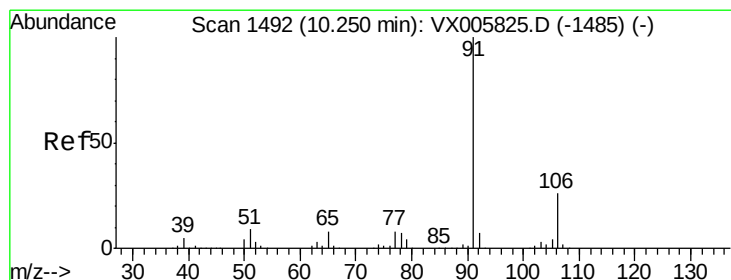
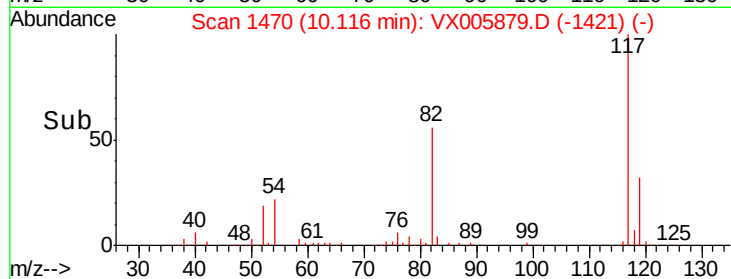
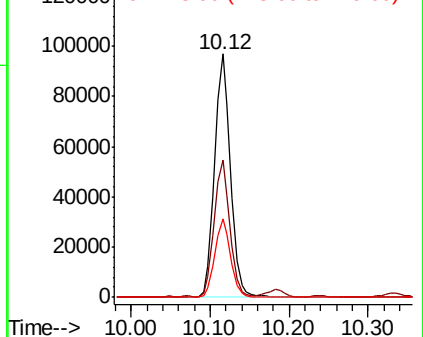
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
WALL-B

Tot Ion:117 Resp: 136285
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.4 26.2 39.2

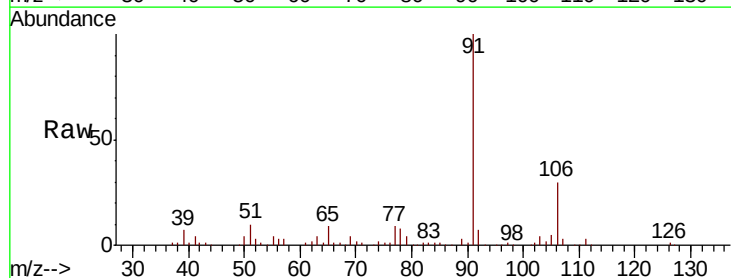


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

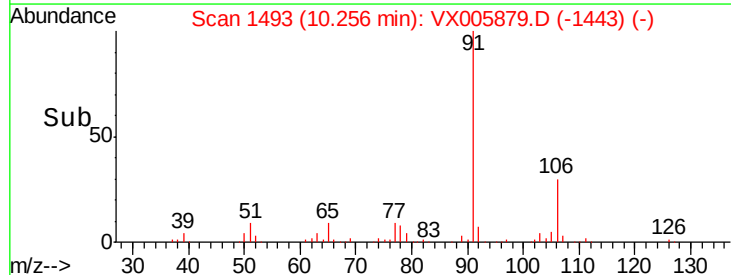
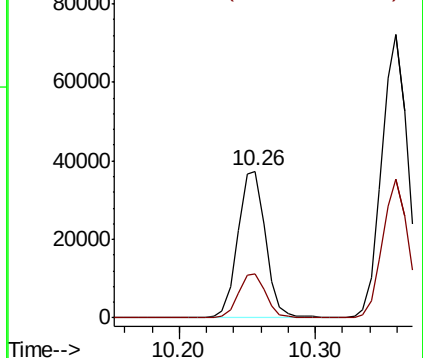


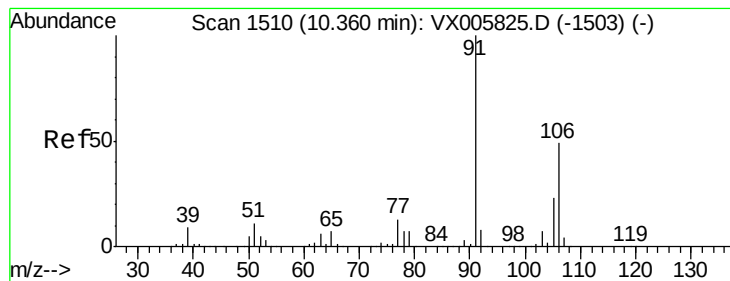
#67
Ethyl Benzene
Concen: 12.175 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion: 91 Resp: 53301
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



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





#68

m/p-Xylenes

Concen: 28.074 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

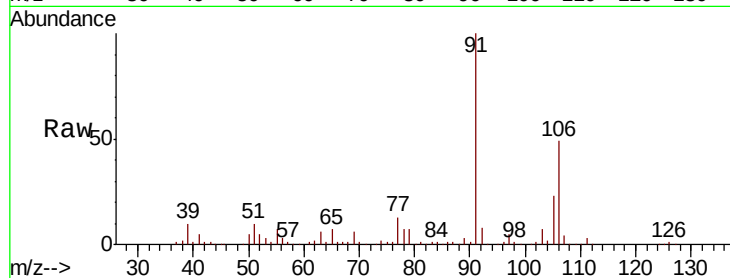
WALL-B

Tot Ion:106 Resp: 46882

Ion Ratio Lower Upper

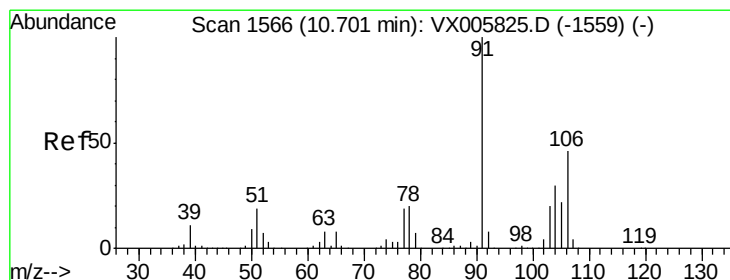
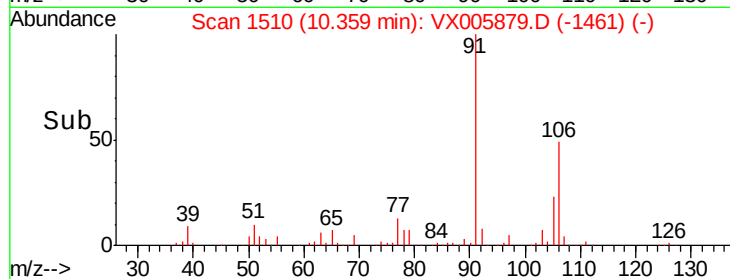
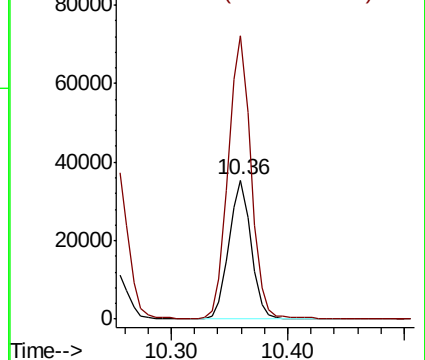
106 100

91 209.8 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 10.675 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX005879.D

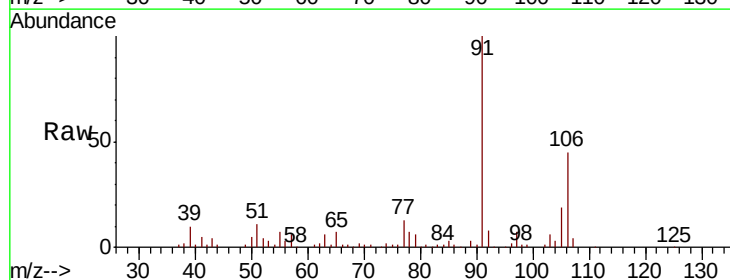
Acq: 09 Nov 2018 23:57

Tgt Ion:106 Resp: 15985

Ion Ratio Lower Upper

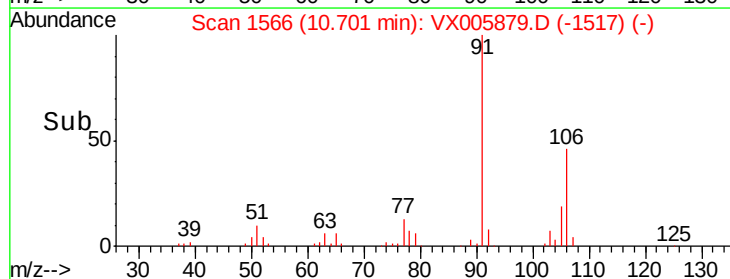
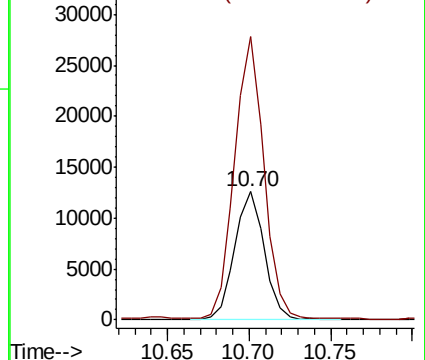
106 100

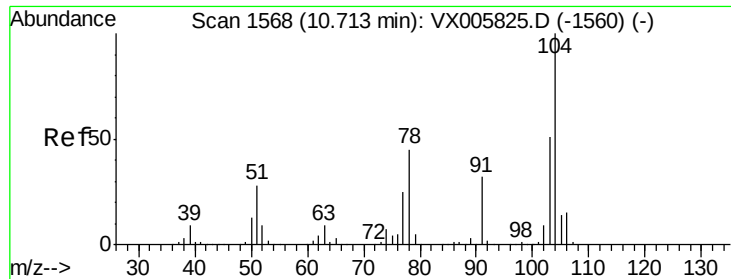
91 218.7 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

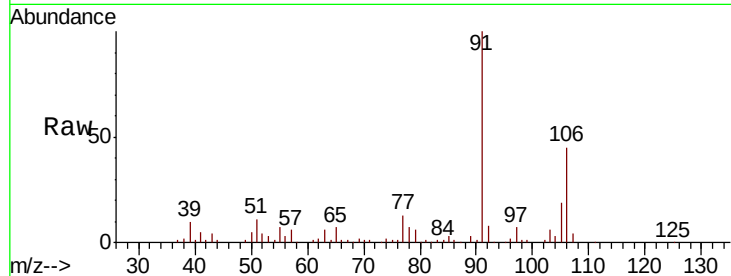




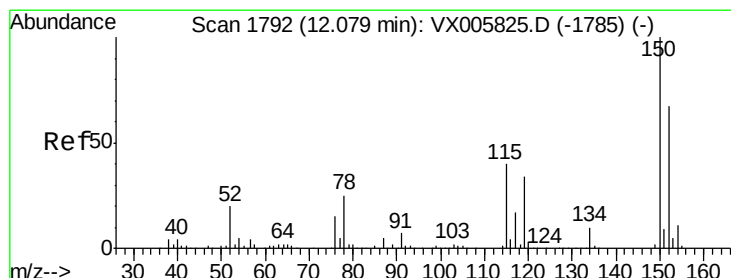
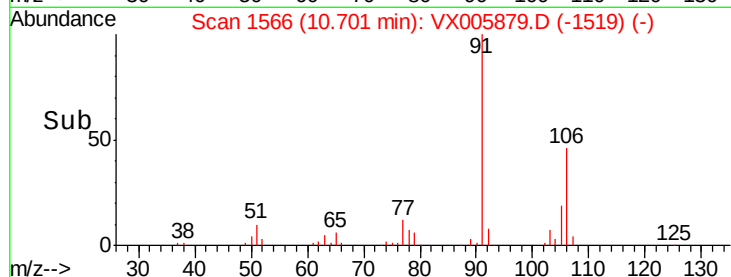
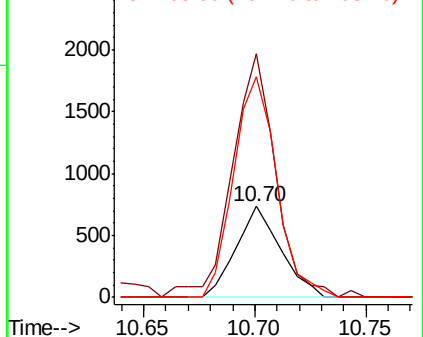
#70
Stvrene
Concen: 0.415 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Instrument :
MSVOA_X
ClientSampled :
WALL-B

Tot Ion:104 Resp: 1025
Ion Ratio Lower Upper
104 100
78 261.7 40.2 60.4#
103 233.8 44.9 67.3#

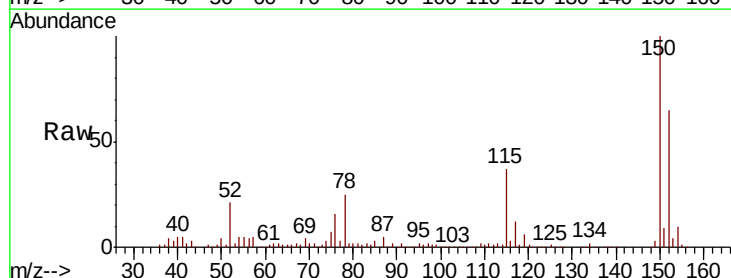


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

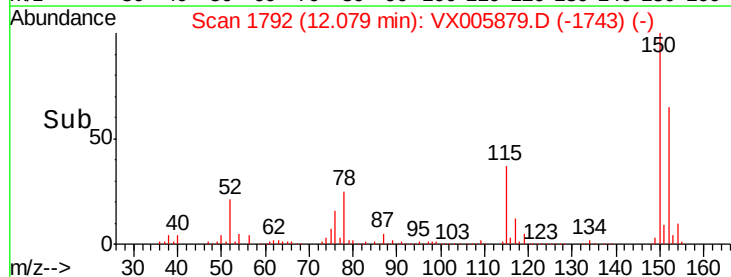
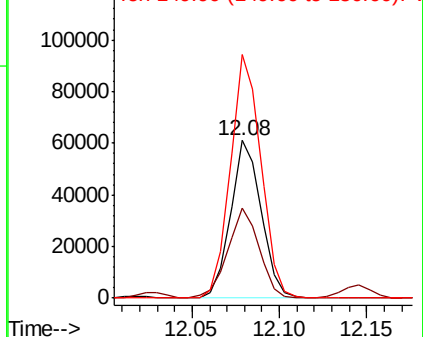


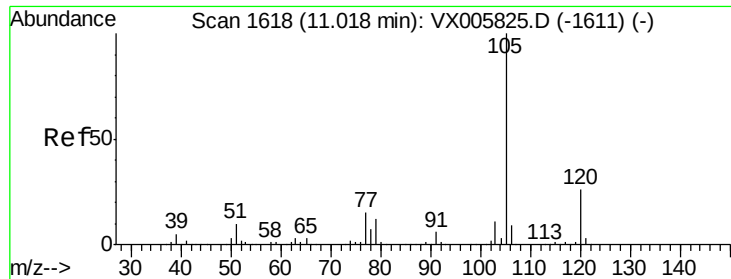
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005879.D
Acq: 09 Nov 2018 23:57

Tgt Ion:152 Resp: 74148
Ion Ratio Lower Upper
152 100
115 58.3 39.4 118.1
150 154.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 4.871 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

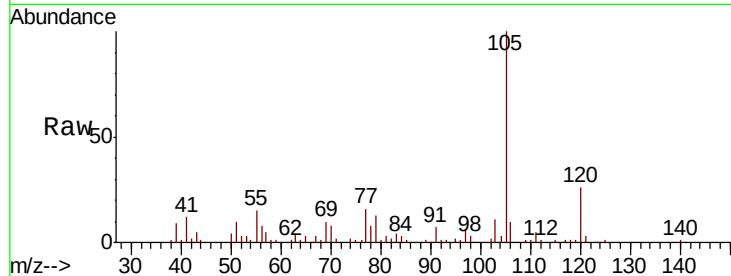
WALL-B

Tot Ion:105 Resp: 20886

Ion Ratio Lower Upper

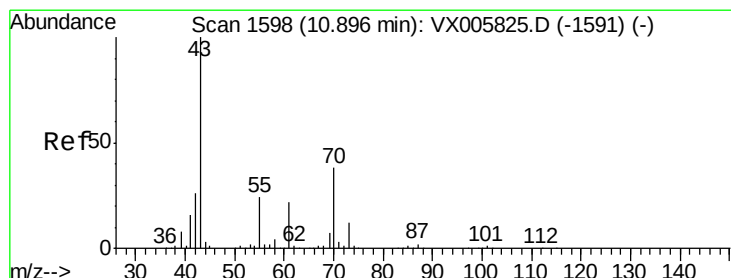
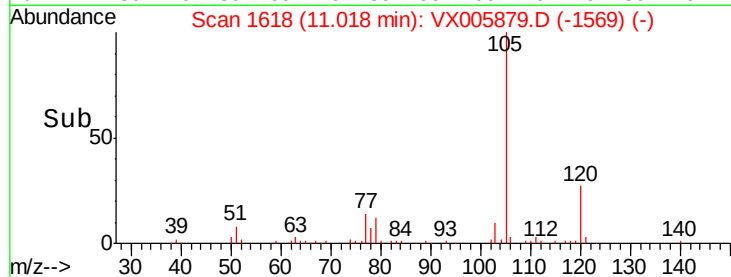
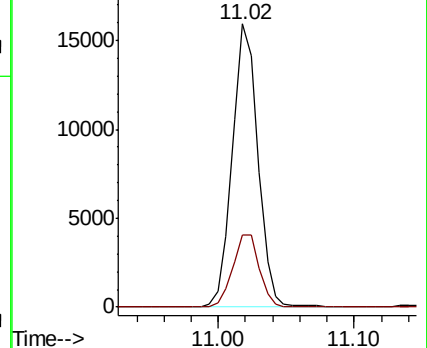
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.211 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Tgt Ion: 43 Resp: 12241

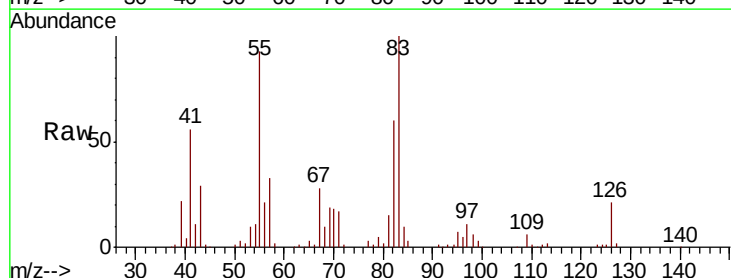
Ion Ratio Lower Upper

43 100

70 81.4 31.6 47.4#

55 333.7 19.7 29.5#

61 0.0 18.3 27.5#

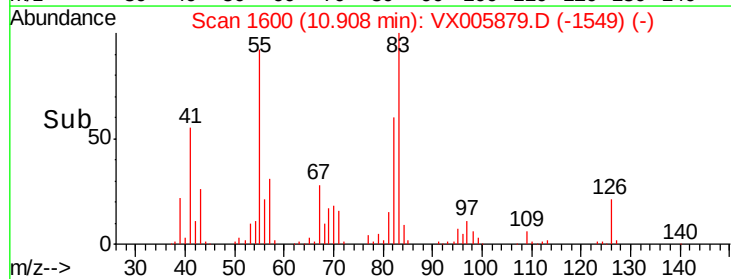
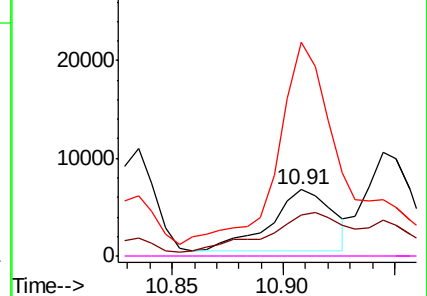


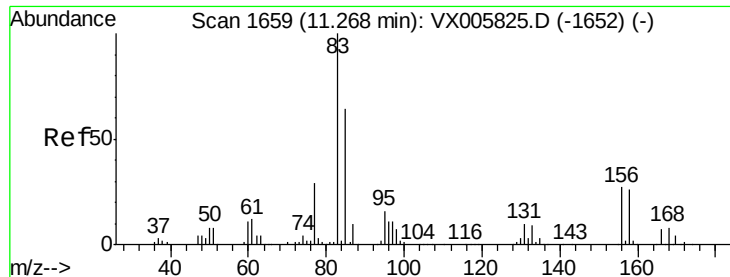
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.934 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

WALL-B

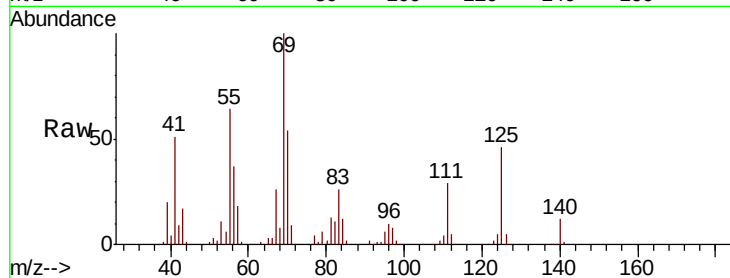
Tot Ion: 83 Resp: 10913

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

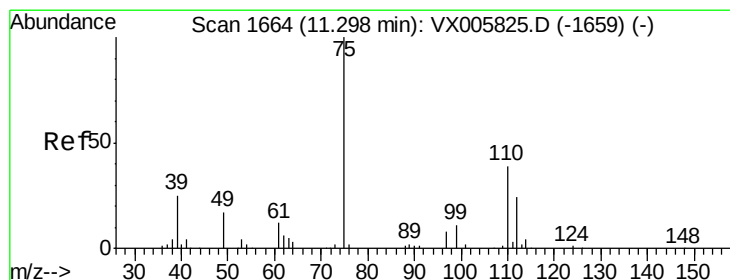
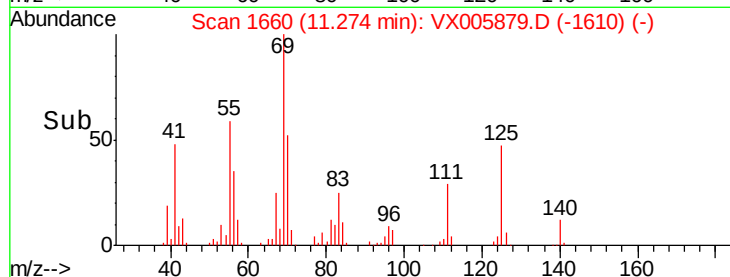
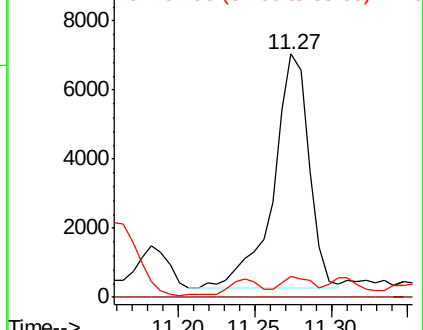
85 5.3 32.0 96.2#



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: 0.962 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX005879.D

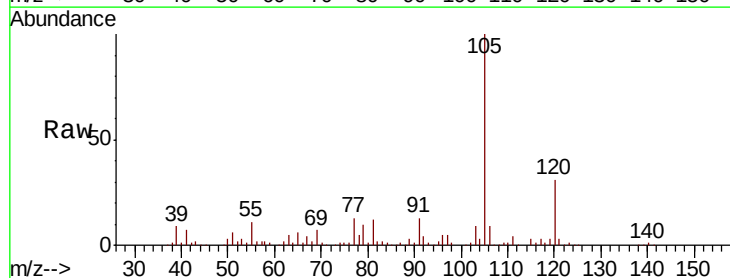
Acq: 09 Nov 2018 23:57

Tgt Ion: 75 Resp: 1453

Ion Ratio Lower Upper

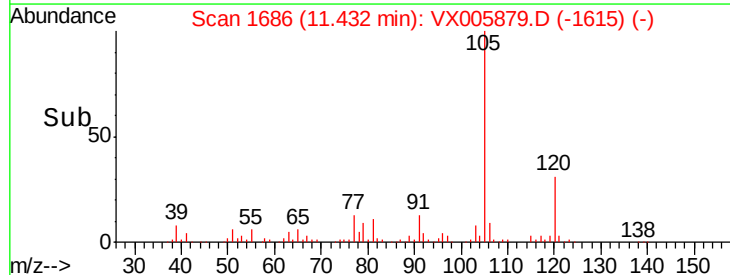
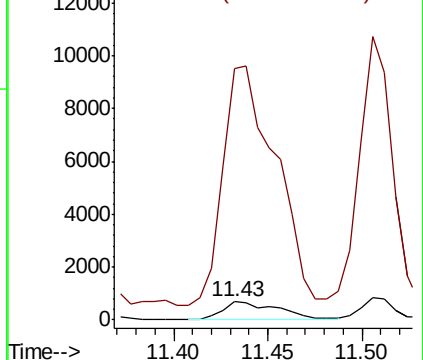
75 100

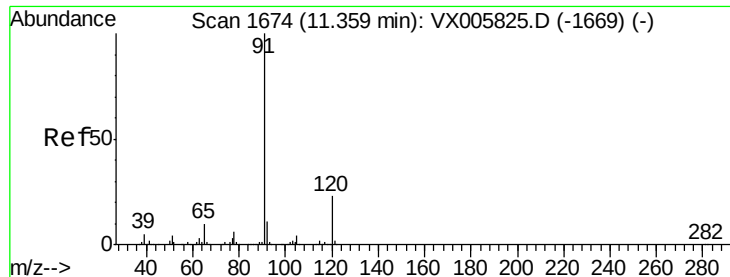
77 1325.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 10.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

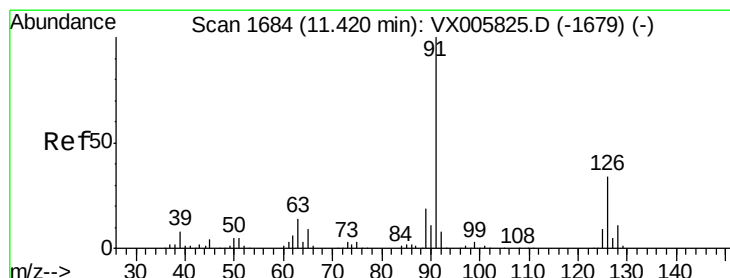
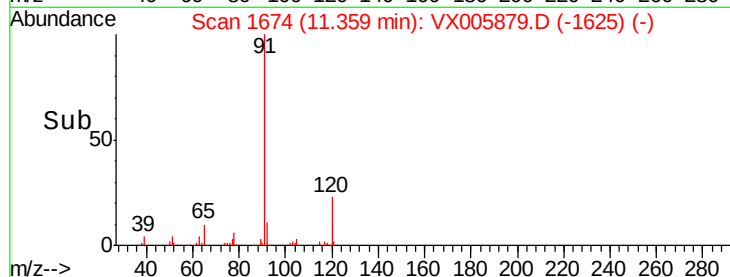
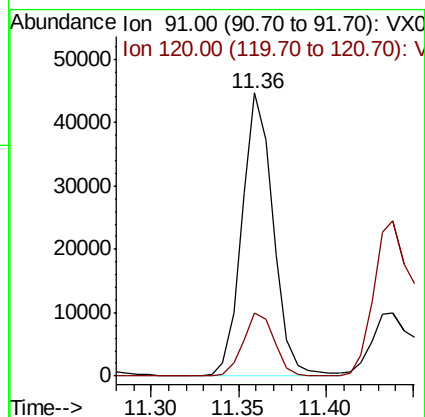
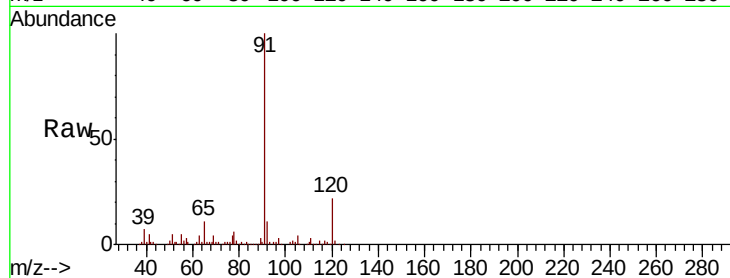
WALL-B

Tot Ion: 91 Resp: 55306

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 6.199 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX005879.D

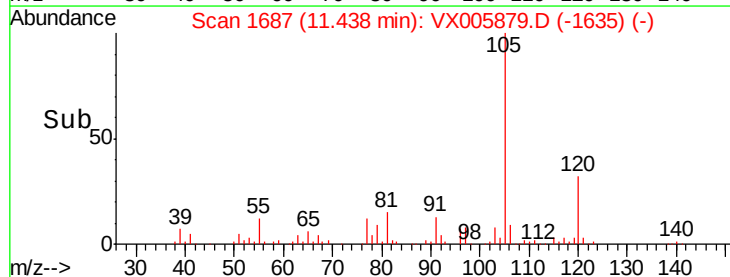
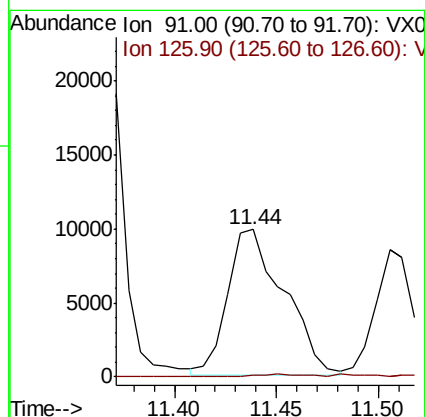
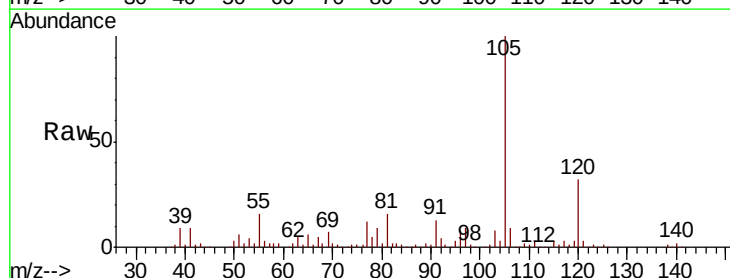
Acq: 09 Nov 2018 23:57

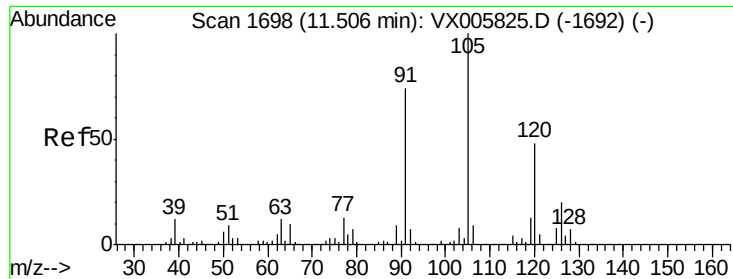
Tgt Ion: 91 Resp: 18936

Ion Ratio Lower Upper

91 100

126 1.6 17.3 52.0#

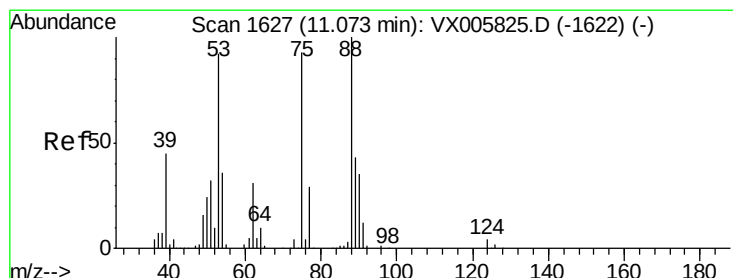
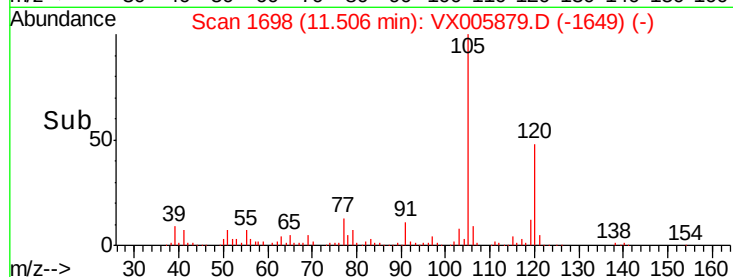
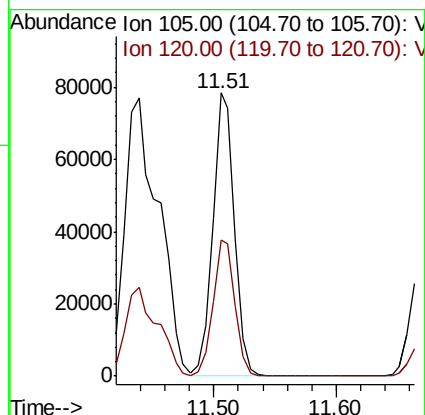
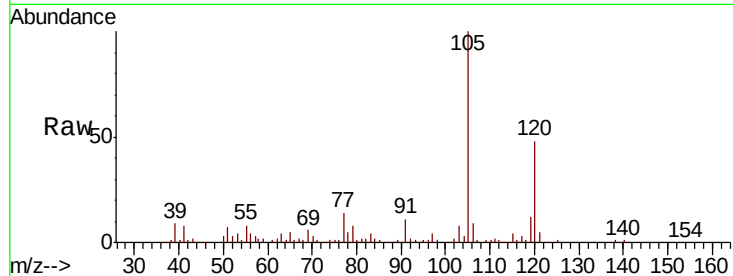




#80
 1,3,5-Trimethylbenzene
 Concen: 26.629 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005879.D
 Acq: 09 Nov 2018 23:57

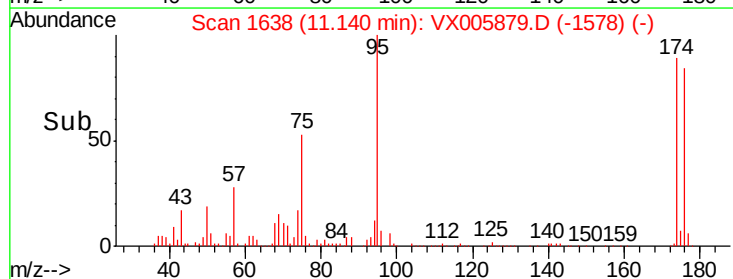
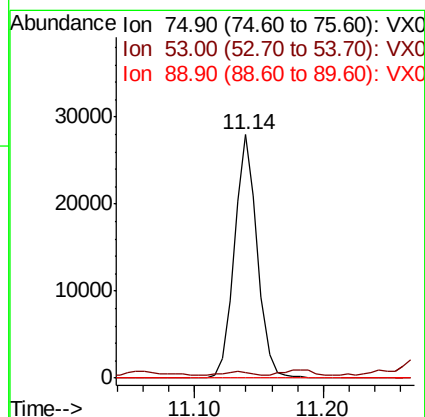
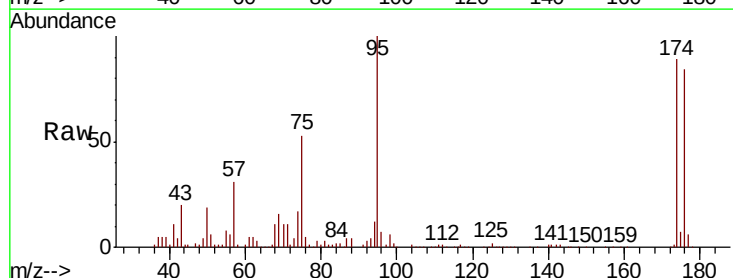
Instrument :
 MSVOA_X
 ClientSampled :
 WALL-B

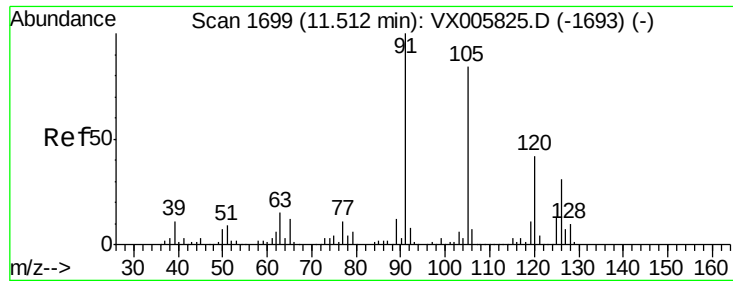
Tot Ion:105 Resp: 97032
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.917 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005879.D
 Acq: 09 Nov 2018 23:57

Tgt Ion: 75 Resp: 34542
 Ion Ratio Lower Upper
 75 100
 53 2.5 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 3.046 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

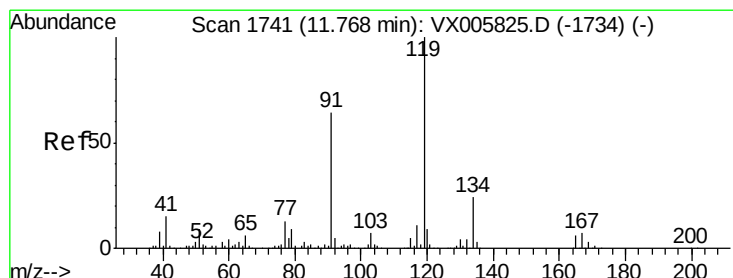
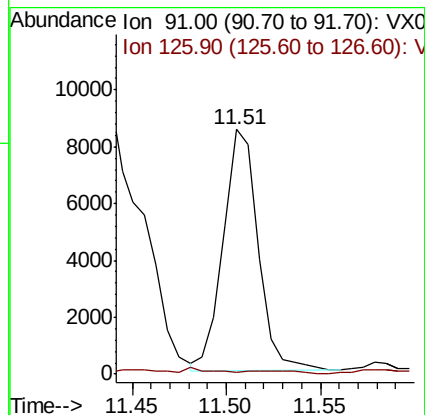
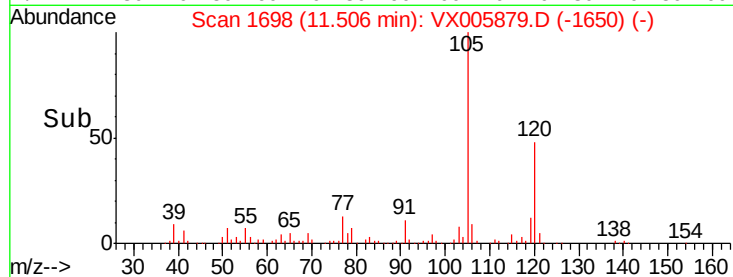
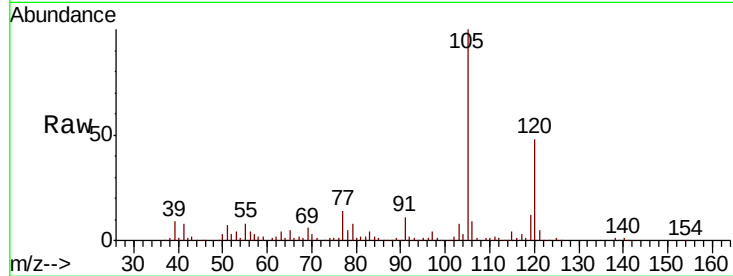
WALL-B

Tot Ion: 91 Resp: 10965

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 0.486 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

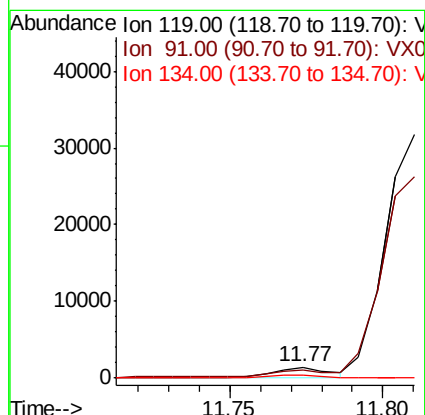
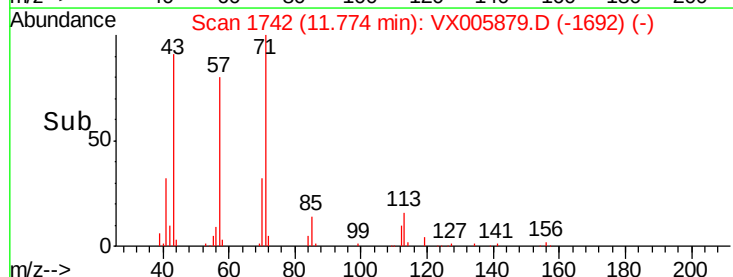
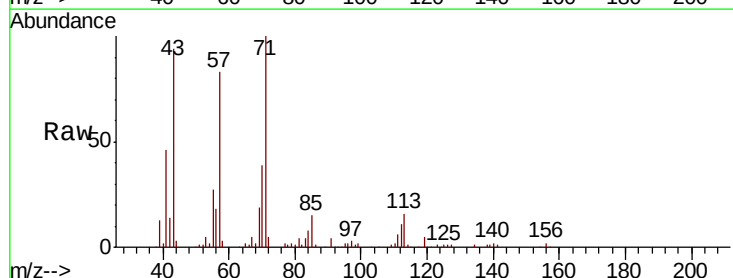
Tgt Ion: 119 Resp: 1792

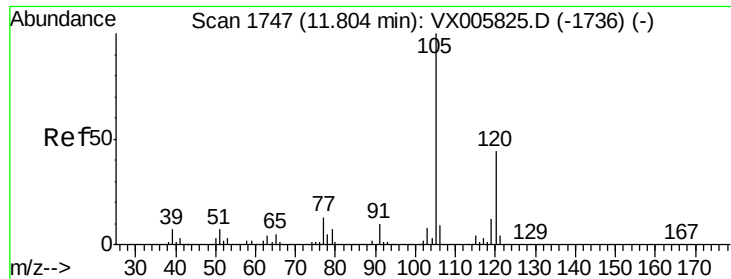
Ion Ratio Lower Upper

119 100

91 0.0 28.5 85.5#

134 25.4 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 75.440 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

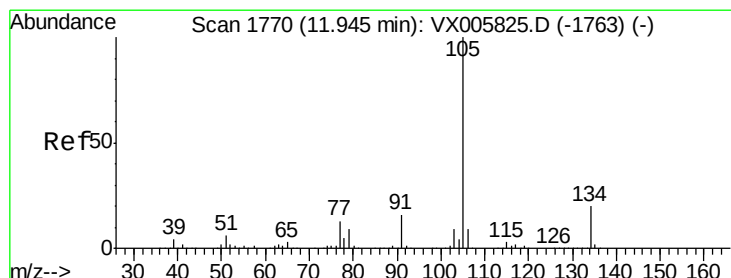
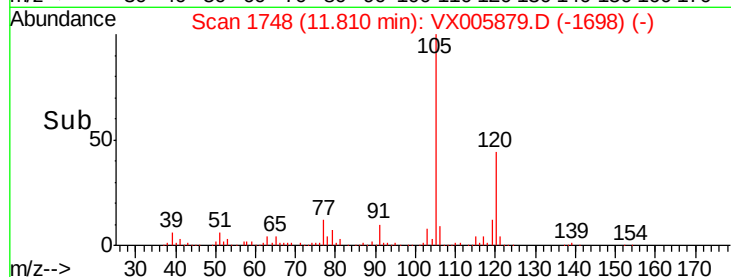
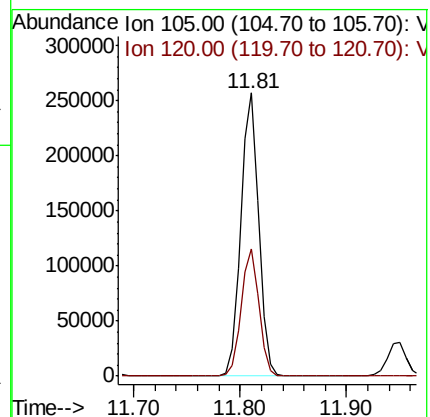
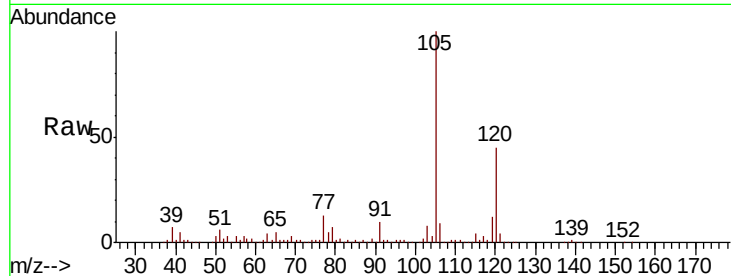
WALL-B

Tot Ion:105 Resp: 303120

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.0



#85

sec-Butylbenzene

Concen: 8.495 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005879.D

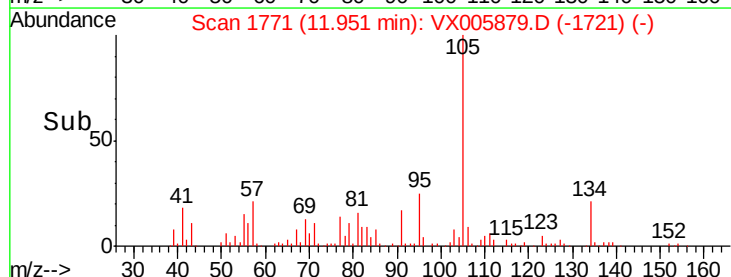
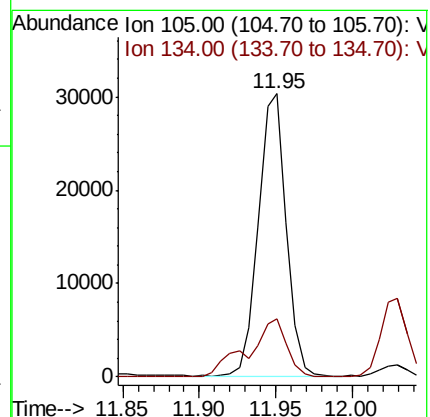
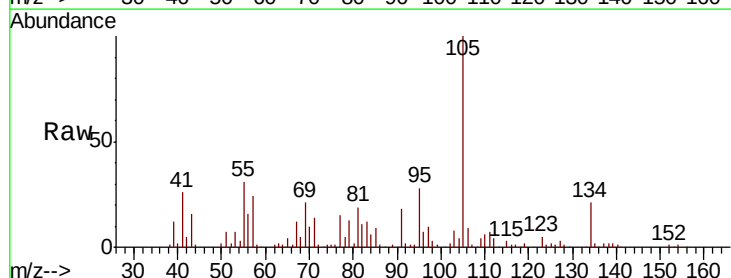
Acq: 09 Nov 2018 23:57

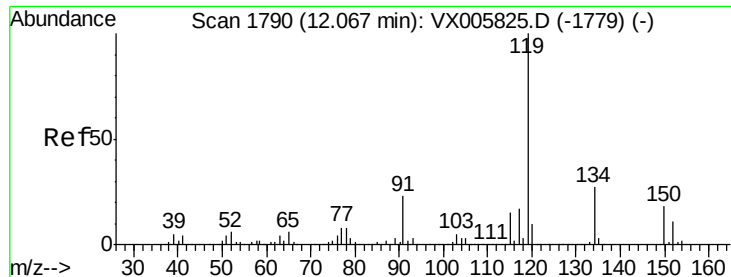
Tgt Ion:105 Resp: 38294

Ion Ratio Lower Upper

105 100

134 28.6 10.2 30.4

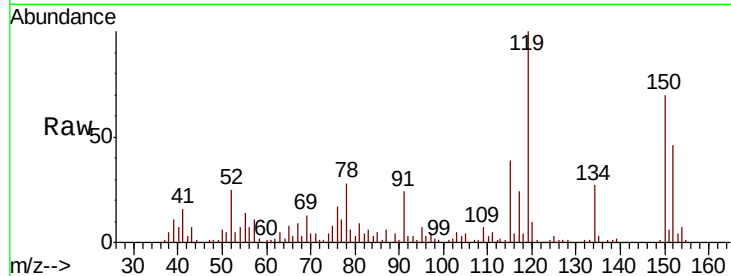




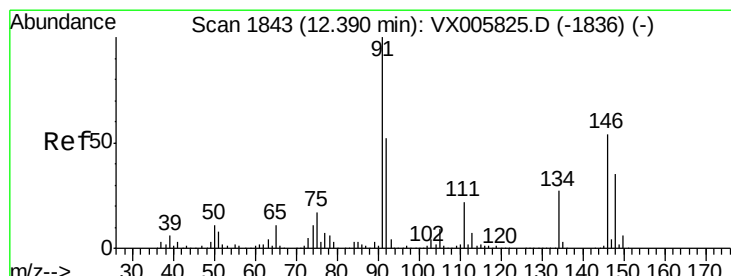
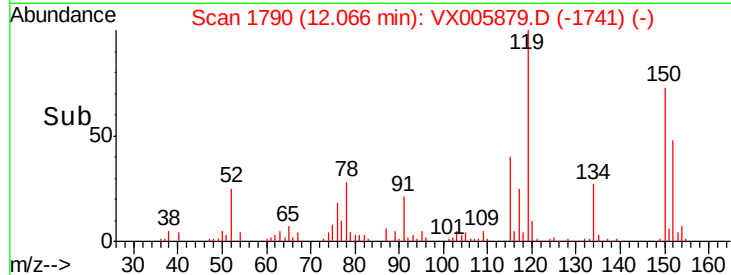
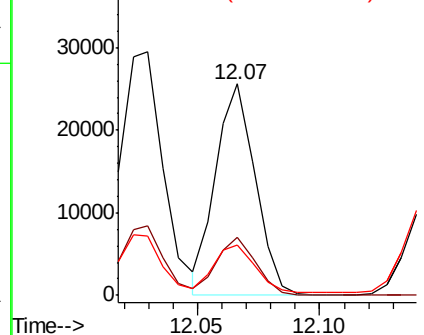
#86
 p-Isopropyltoluene
 Concen: 7.227 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005879.D
 Acq: 09 Nov 2018 23:57

Instrument :
 MSVOA_X
 ClientSampled :
 WALL-B

Tot Ion:119 Resp: 28857
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.0 39.0
 91 23.2 11.4 34.2

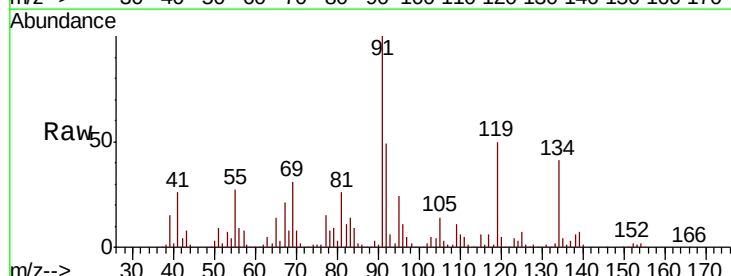


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

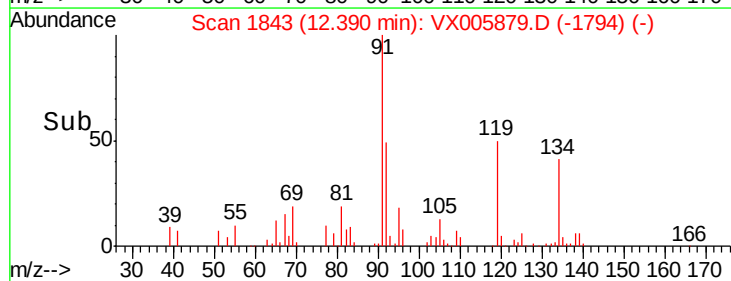
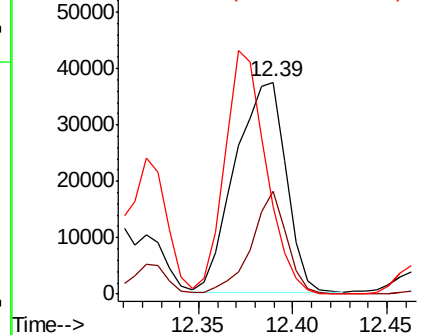


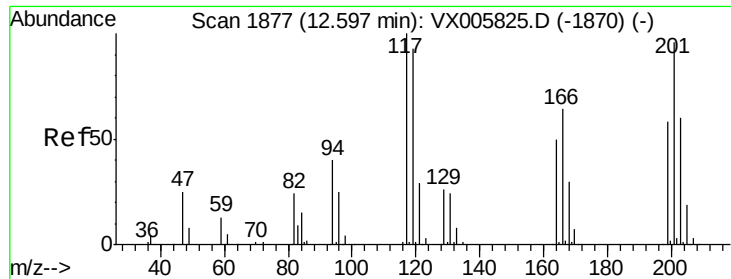
#89
 n-Butylbenzene
 Concen: 18.786 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005879.D
 Acq: 09 Nov 2018 23:57

Tgt Ion: 91 Resp: 69522
 Ion Ratio Lower Upper
 91 100
 92 34.0 26.1 78.2
 134 94.8 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 14.157 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

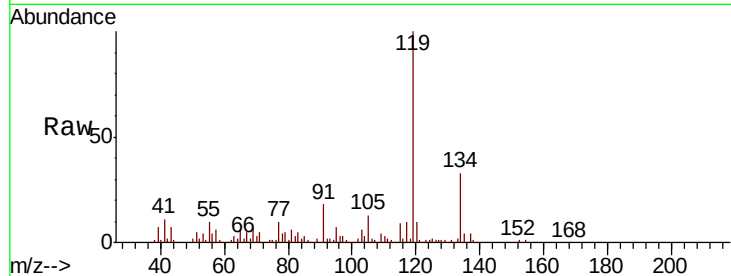
WALL-B

Tot Ion:117 Resp: 9438

Ion Ratio Lower Upper

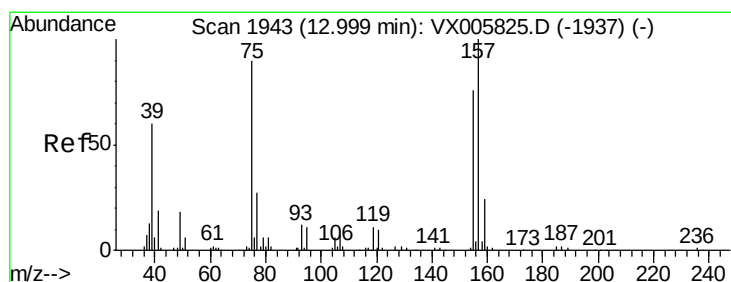
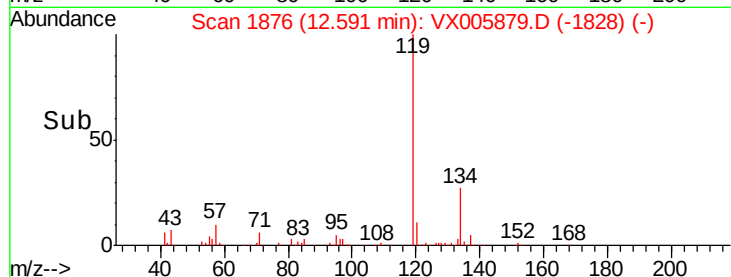
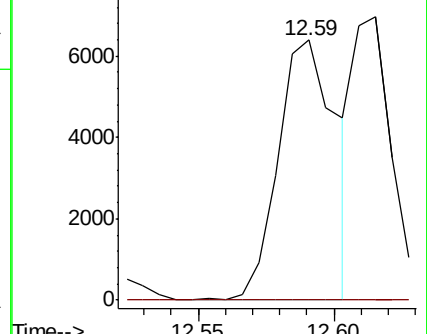
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.781 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

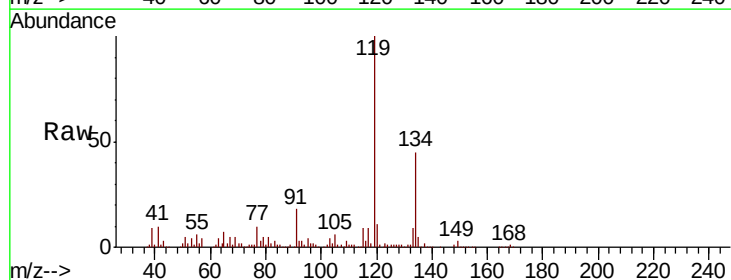
Tgt Ion: 75 Resp: 1452

Ion Ratio Lower Upper

75 100

155 4.8 45.4 136.1#

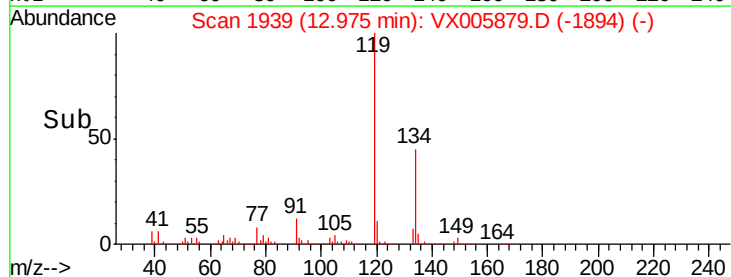
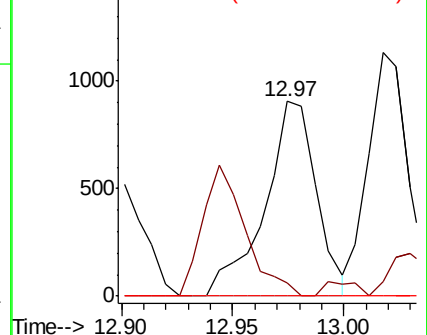
157 0.0 57.4 172.0#

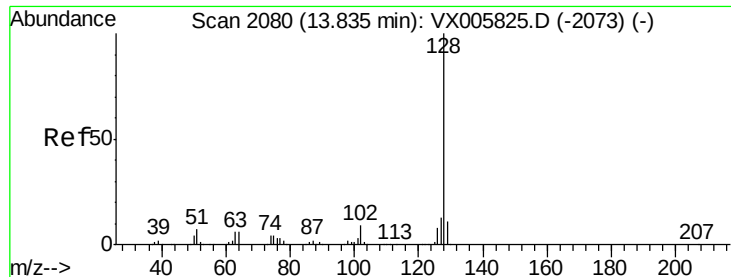


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 82.142 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

WALL-B

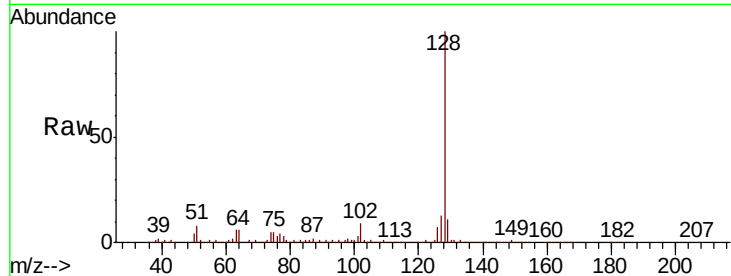
Tot Ion:128 Resp: 442320

Ion Ratio Lower Upper

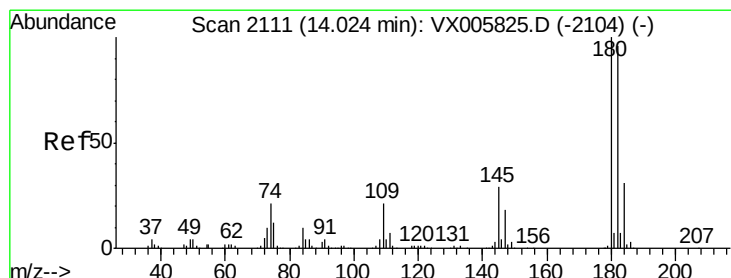
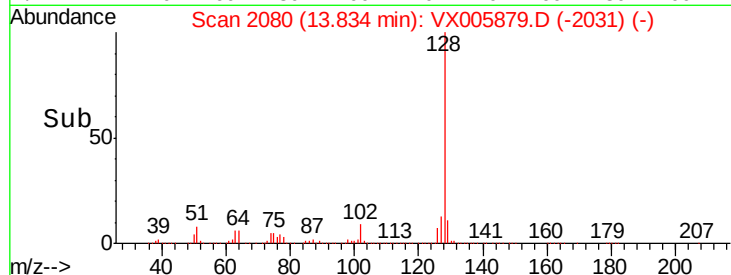
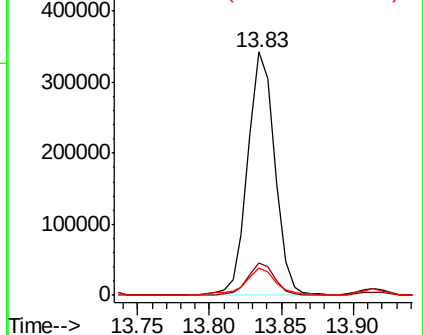
128 100

127 13.5 10.4 15.6

129 12.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.502 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VX005879.D

Acq: 09 Nov 2018 23:57

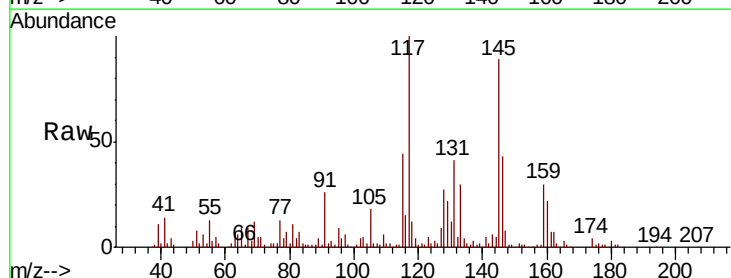
Tgt Ion:180 Resp: 837

Ion Ratio Lower Upper

180 100

182 37.8 48.0 144.2#

145 4378.3 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

