

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX006001.D
 Acq On : 15 Nov 2018 04:07
 Operator : JC/MD
 Sample : J5860-19ME
 Misc : 5.43g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-109(17-18)ME

Quant Time: Nov 15 06:11:29 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	5.66	168	136876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	73622	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.51	113	63522	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	
50) Toluene-d8	8.72	98	219469	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	11.14	95	87965	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	421	0.260	ug/l	96
5) Bromomethane	1.64	94	628	0.631	ug/l	95
11) Tert butyl alcohol	3.12	59	168	0.373	ug/l #	1
13) Acrolein	2.34	56	469	21.178	ug/l #	69
14) Allyl chloride	2.80	41	7306	2.704	ug/l #	66
15) Acrylonitrile	3.13	53	635	0.680	ug/l #	32
18) Methyl Acetate	2.80	43	29730	11.966	ug/l #	70
20) Methylene Chloride	2.84	84	2361	1.696	ug/l #	88
25) 2-Butanone	4.73	43	1212	0.910	ug/l #	51
29) Tetrahydrofuran	5.20	42	248	0.290	ug/l #	9
30) Chloroform	5.26	83	1126	0.462	ug/l #	40
31) Cyclohexane	5.59	56	28566	13.031	ug/l #	42
36) 1,1-Dichloropropene	5.66	75	9472	4.579	ug/l #	49
38) Carbon Tetrachloride	5.66	117	12240	5.910	ug/l #	15
39) Methylcyclohexane	7.45	83	44178	21.071	ug/l #	80
41) Methacrylonitrile	5.21	41	2174	1.479	ug/l #	37
43) Isopropyl Acetate	6.34	43	272763	69.197	ug/l #	63
45) 1,2-Dichloropropane	7.56	63	695	0.475	ug/l #	1
46) Dibromomethane	7.63	93	605	0.659	ug/l #	1
47) Bromodichloromethane	7.84	83	5075	2.924	ug/l #	29
48) Methyl methacrylate	7.73	41	11704	6.613	ug/l #	37
51) 4-Methyl-2-Pentanone	8.68	43	225244	90.668	ug/l #	83
52) Toluene	8.78	92	1148	0.341	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	97653	65.010	ug/l #	18
56) Ethyl methacrylate	9.16	69	28372	12.623	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	286	8.504	ug/l #	48
59) 2-Hexanone	9.44	43	101765	46.473	ug/l #	31
60) Dibromochloromethane	9.56	129	468	0.288	ug/l #	1
61) 1,2-Dibromoethane	9.66	107	339	0.204	ug/l #	1
65) Chlorobenzene	10.07	112	1546	0.429	ug/l #	58
67) Ethyl Benzene	10.26	91	6326	1.096	ug/l	99
68) m/p-Xylenes	10.36	106	1835	0.833	ug/l #	35
73) Isopropylbenzene	11.02	105	140085	27.783	ug/l	99
74) N-amyl acetate	10.91	43	43683	16.305	ug/l #	1

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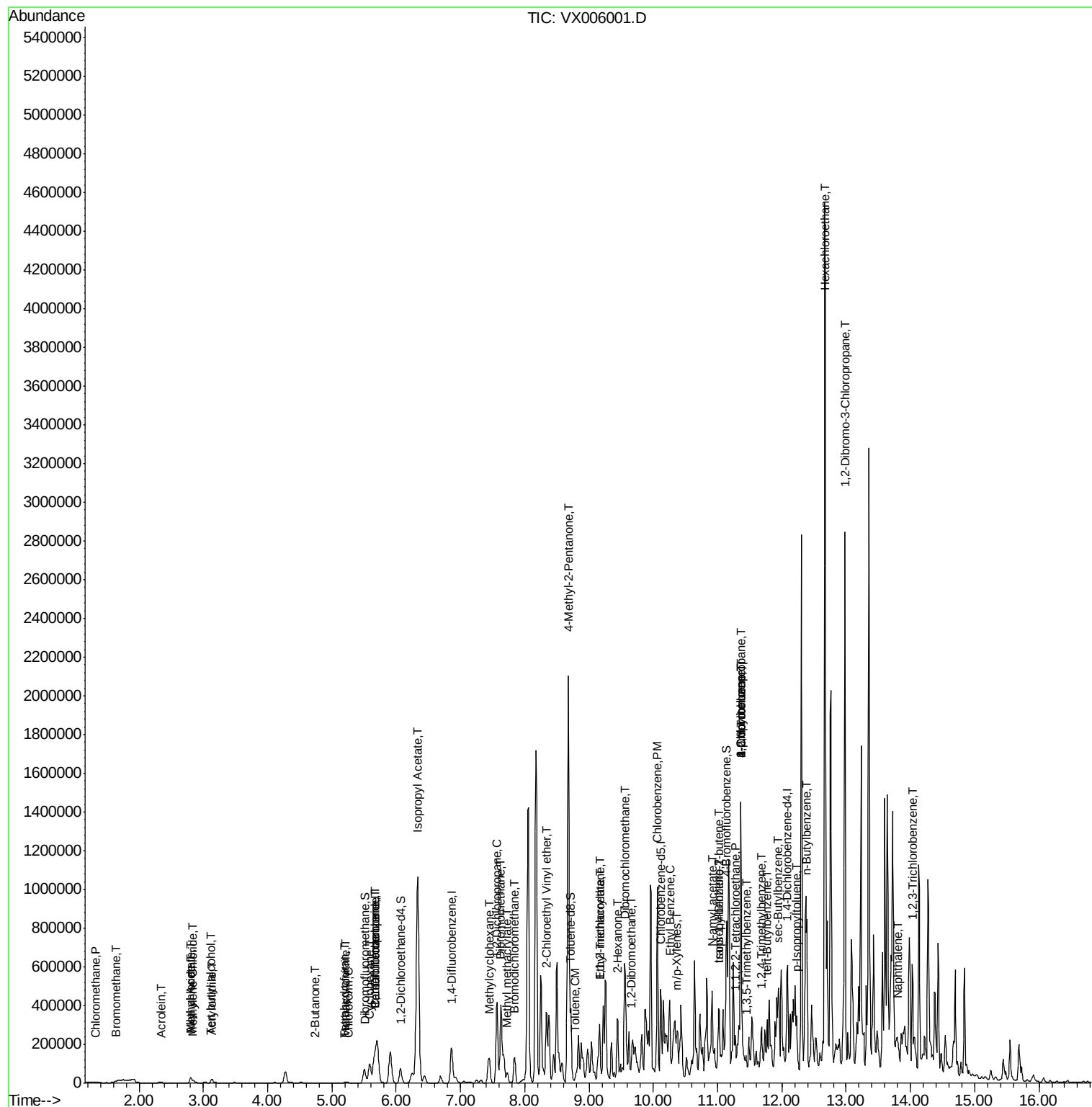
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.27	83	5313	2.871	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	5133	2.891	ug/l #	1
78) n-propylbenzene	11.37	91	839251	141.236	ug/l	99
79) 2-Chlorotoluene	11.37	91	839251	233.665	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.46	105	1602	0.374	ug/l #	29
81) trans-1,4-Dichloro-2-buten	11.02	75	1725	3.097	ug/l #	1
82) 4-Chlorotoluene	11.37	91	839251	198.268	ug/l #	44
83) tert-Butylbenzene	11.77	119	5461	1.260	ug/l #	31
84) 1,2,4-Trimethylbenzene	11.67	105	18654	3.834	ug/l	79
85) sec-Butylbenzene	11.95	105	190115	35.866	ug/l	93
86) p-Isopropyltoluene	12.24	119	24978	5.320	ug/l	95
89) n-Butylbenzene	12.39	91	352589	81.025	ug/l #	79
90) Hexachloroethane	12.67	117	189930	242.288	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	8567	18.970	ug/l #	1
95) Naphthalene	13.81	128	5667	2.060	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.02	180	425	0.217	ug/l #	1

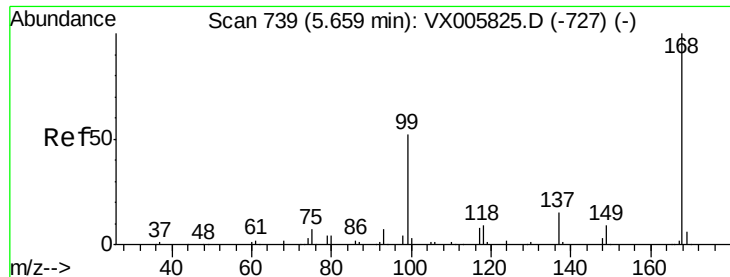
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

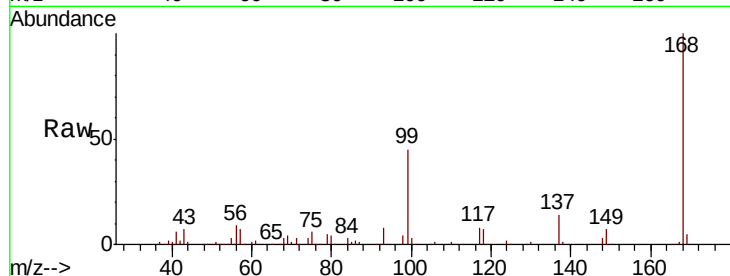
EP2-SB-109(17-18)ME

Tot Ion:168 Resp: 136876

Ion Ratio Lower Upper

168 100

99 44.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

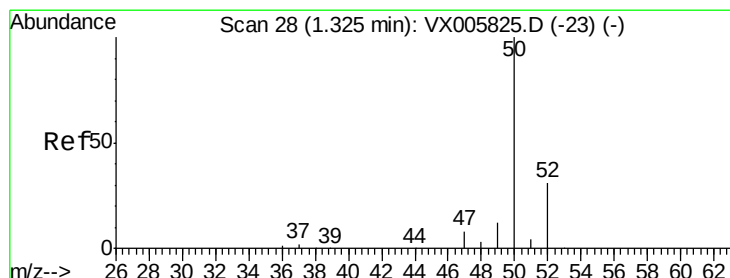
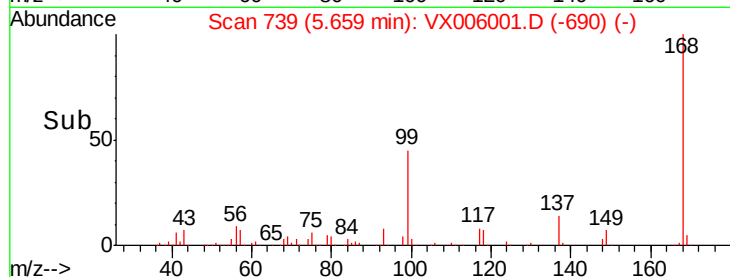
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.260 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006001.D

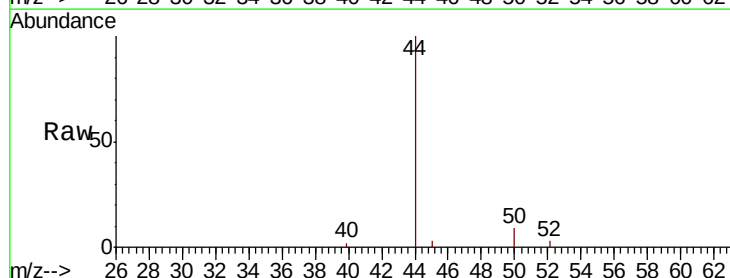
Acq: 15 Nov 2018 04:07

Tgt Ion: 50 Resp: 421

Ion Ratio Lower Upper

50 100

52 30.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

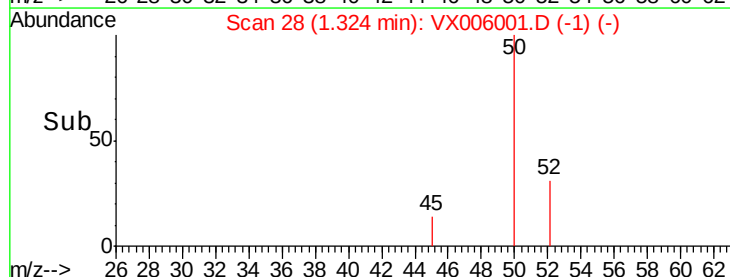
300

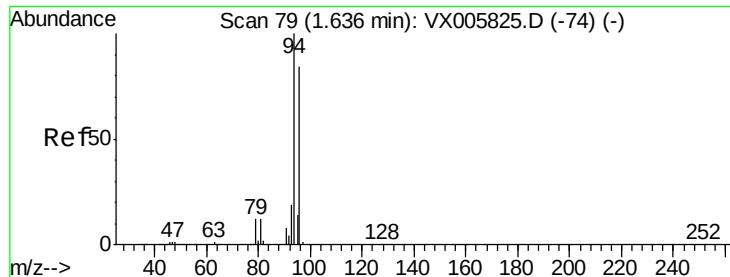
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.631 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

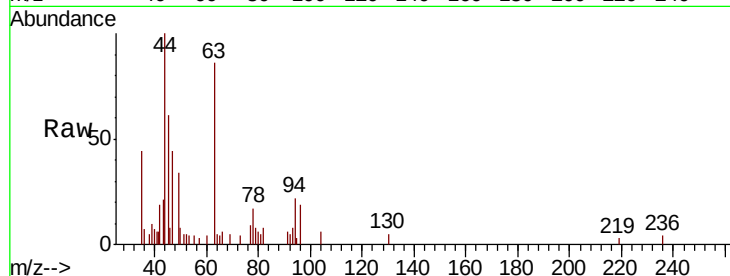
EP2-SB-109(17-18)ME

Tot Ion: 94 Resp: 628

Ion Ratio Lower Upper

94 100

96 89.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

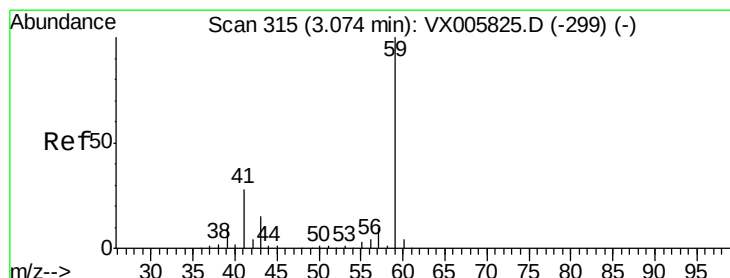
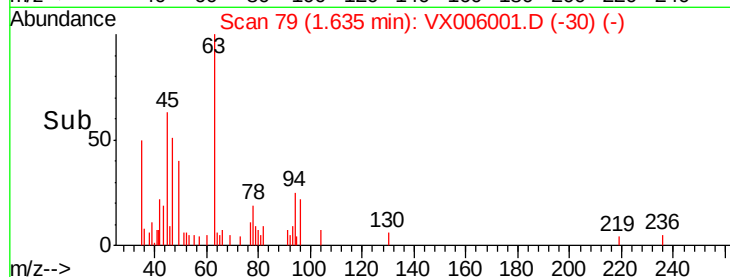
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 0.373 ug/l

RT: 3.12 min Scan# 322

Delta R.T. 0.04 min

Lab File: VX006001.D

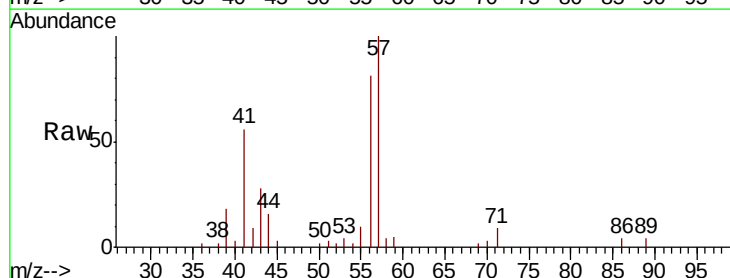
Acq: 15 Nov 2018 04:07

Tgt Ion: 59 Resp: 168

Ion Ratio Lower Upper

59 100

57 7561.3 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

6000

5000

4000

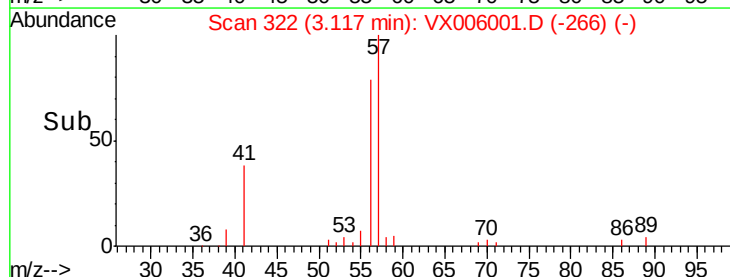
3000

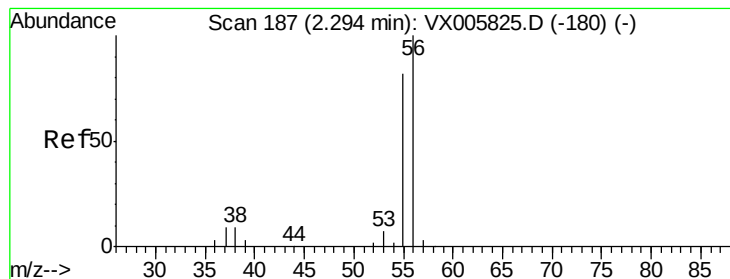
2000

1000

0

Time-->





#13

Acrolein

Concen: 21.178 ug/l

RT: 2.34 min Scan# 194

Delta R.T. 0.04 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

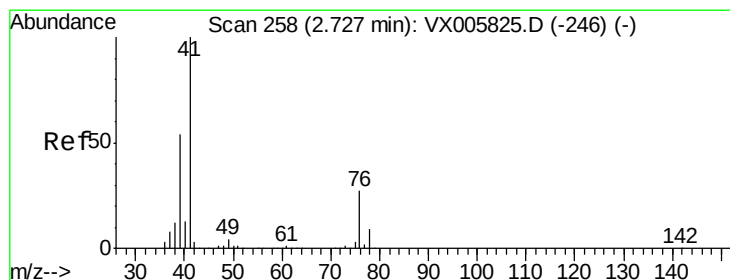
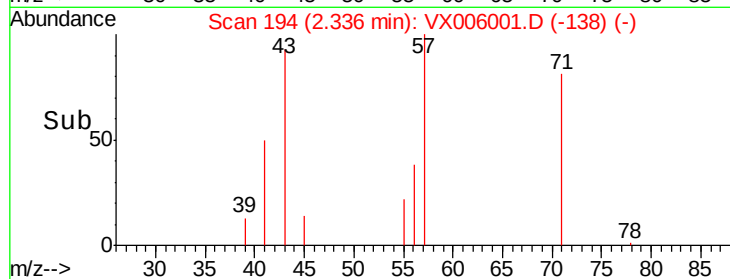
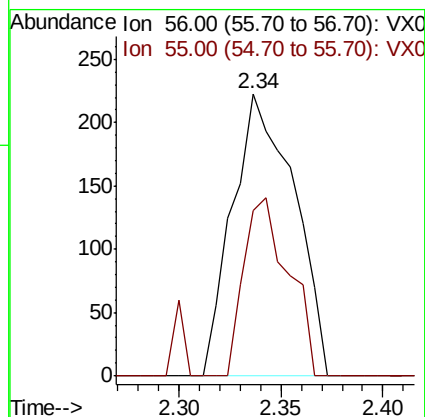
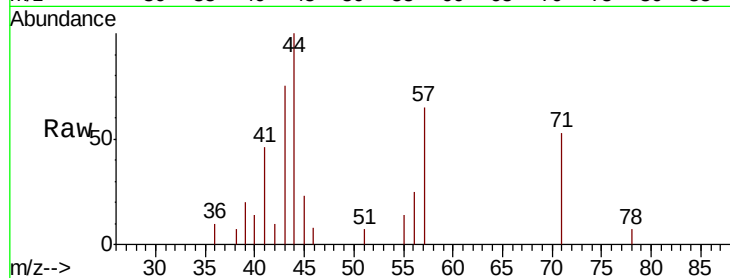
EP2-SB-109(17-18)ME

Tot Ion: 56 Resp: 469

Ion Ratio Lower Upper

56 100

55 45.6 57.3 85.9#



#14

Allyl chloride

Concen: 2.704 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.07 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

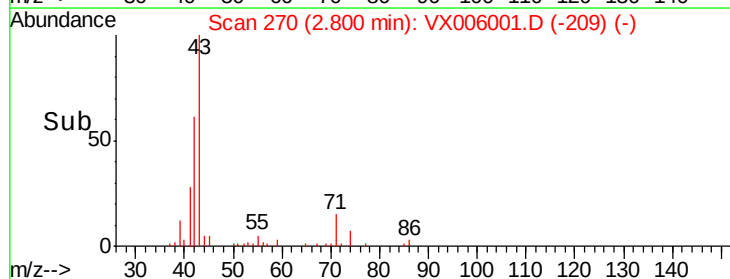
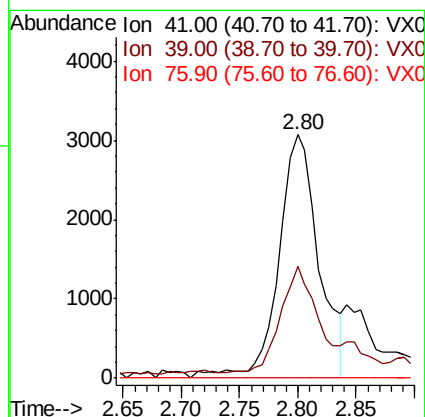
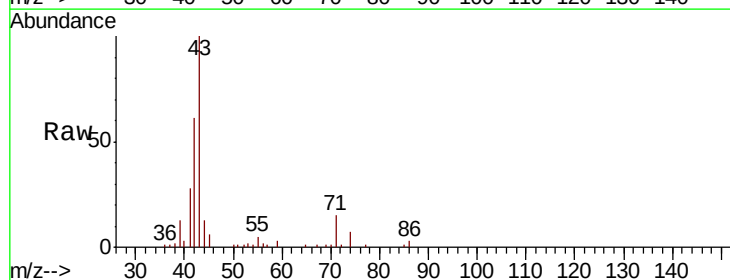
Tgt Ion: 41 Resp: 7306

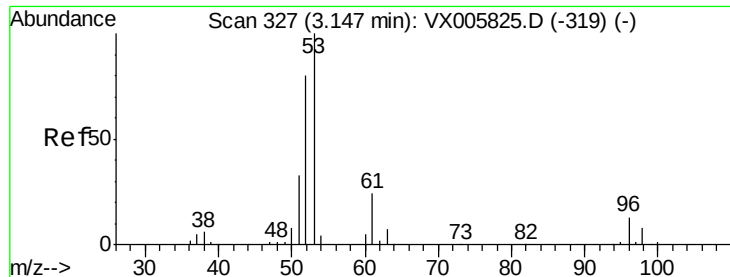
Ion Ratio Lower Upper

41 100

39 40.8 48.2 72.4#

76 0.0 21.9 32.9#





#15

Acrylonitrile

Concen: 0.680 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

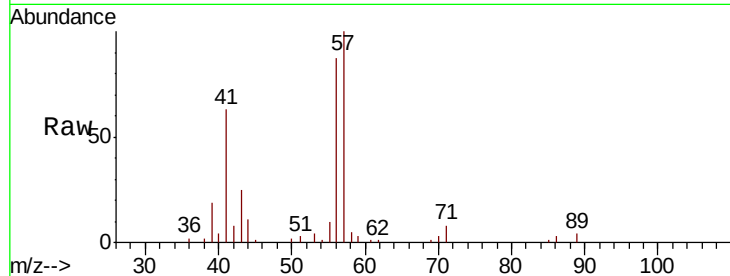
Tot Ion: 53 Resp: 635

Ion Ratio Lower Upper

53 100

52 7.1 66.6 99.8#

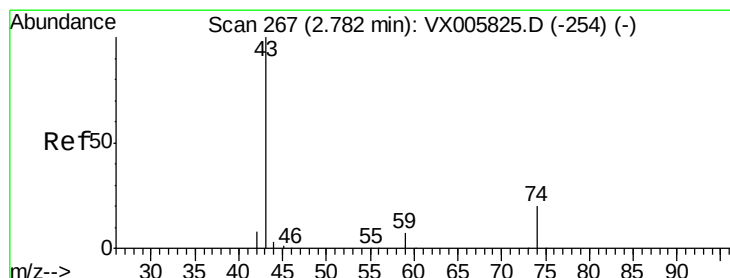
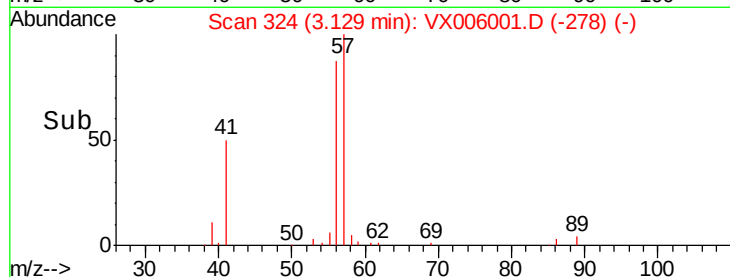
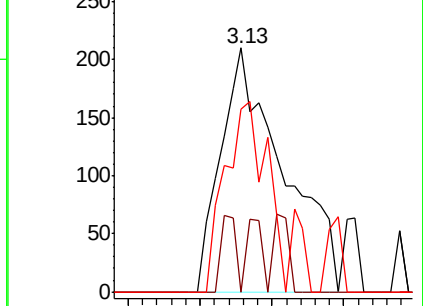
51 52.1 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#18

Methyl Acetate

Concen: 11.966 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX006001.D

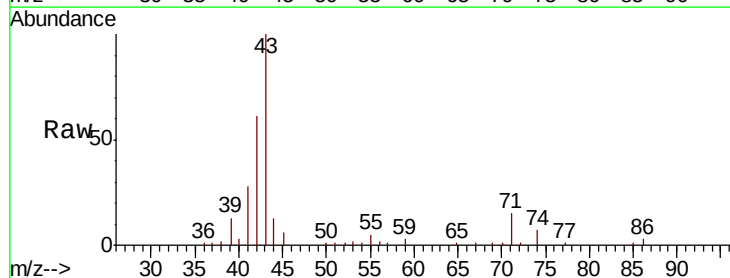
Acq: 15 Nov 2018 04:07

Tgt Ion: 43 Resp: 29730

Ion Ratio Lower Upper

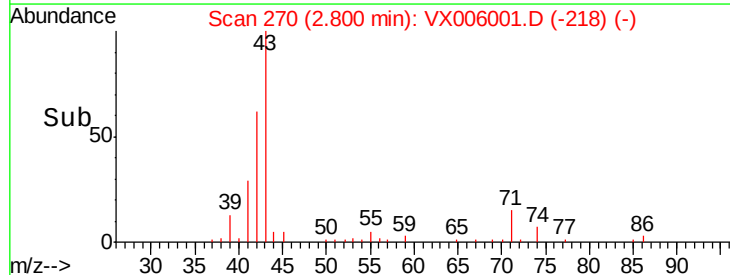
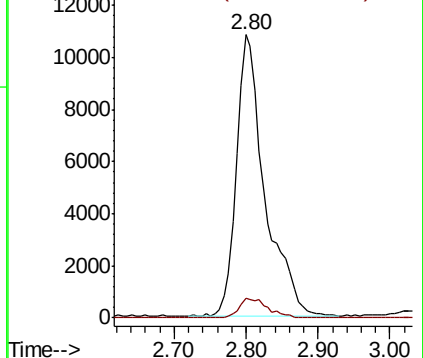
43 100

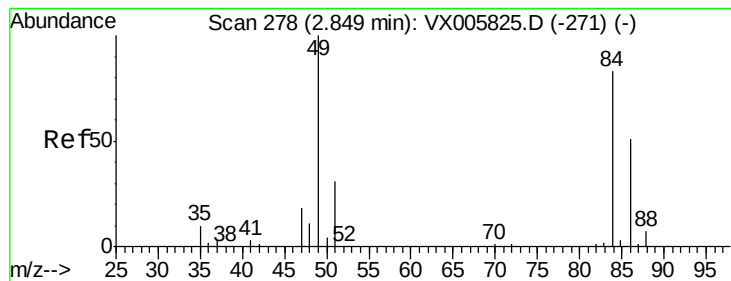
74 6.8 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 1.696 ug/l

RT: 2.84 min Scan# 276

Delta R.T. -0.01 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

Tot Ion: 84 Resp: 2361

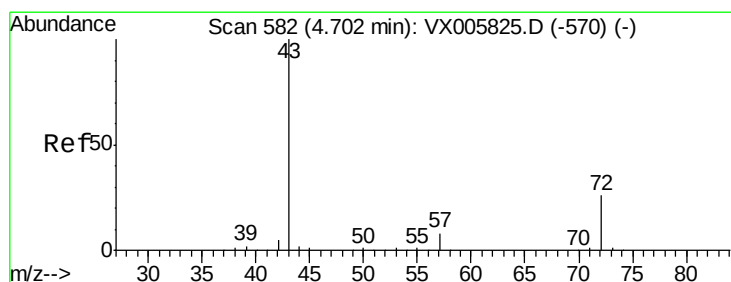
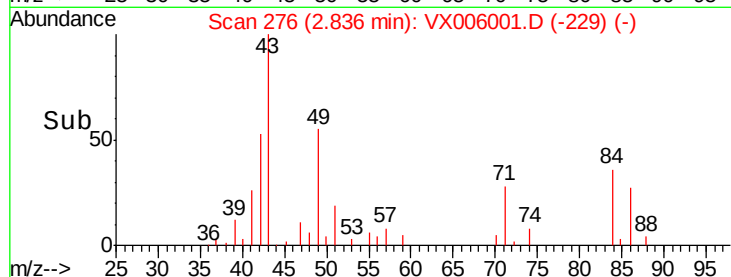
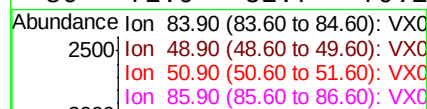
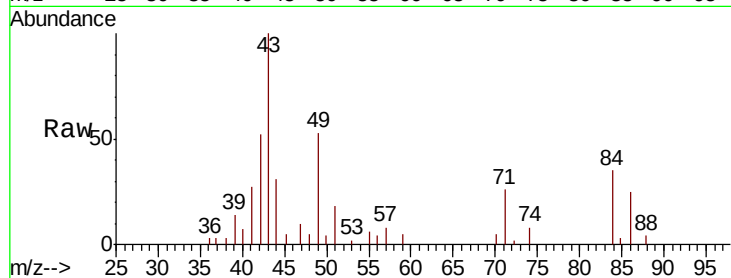
Ion Ratio Lower Upper

84 100

49 151.6 109.5 164.3

51 51.6 33.3 49.9#

86 72.9 52.7 79.1



#25

2-Butanone

Concen: 0.910 ug/l

RT: 4.73 min Scan# 587

Delta R.T. 0.03 min

Lab File: VX006001.D

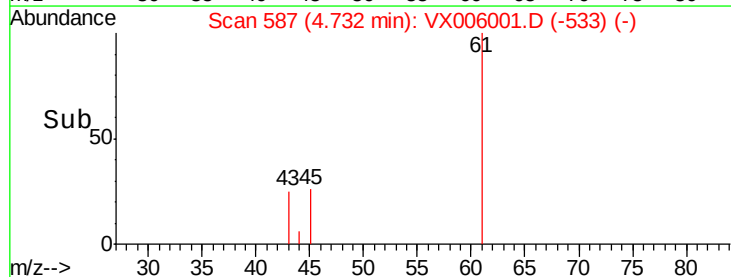
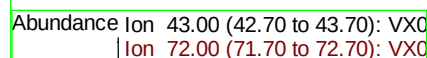
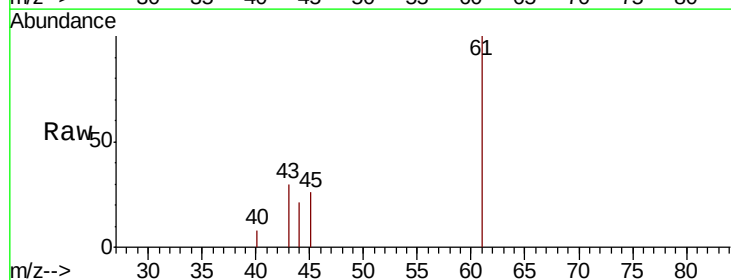
Acq: 15 Nov 2018 04:07

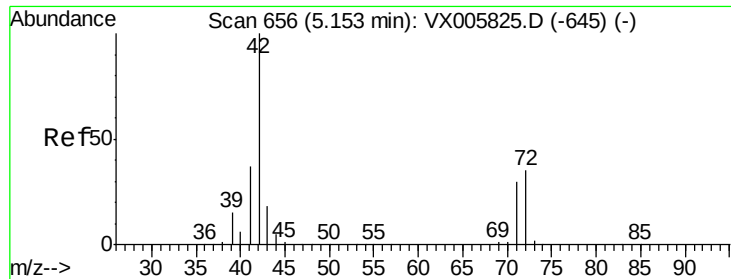
Tgt Ion: 43 Resp: 1212

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#

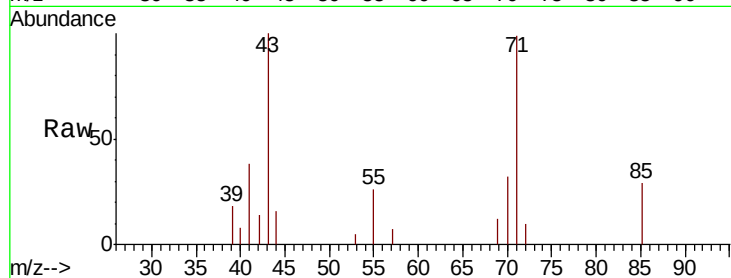




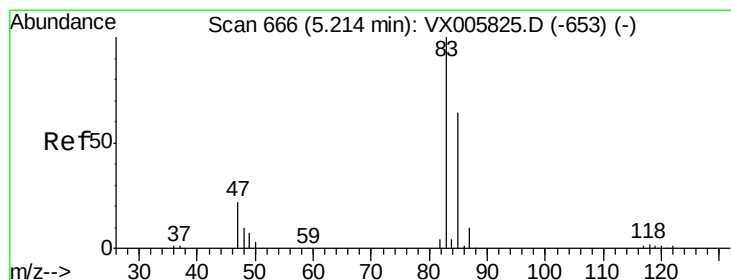
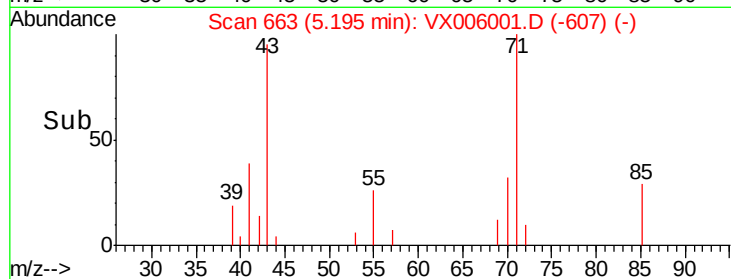
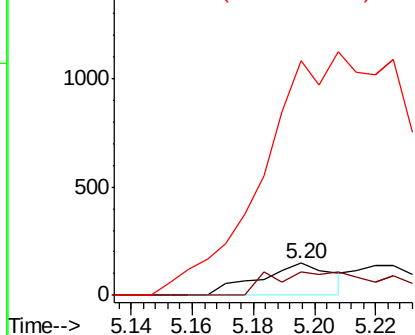
#29
Tetrahydrofuran
Concen: 0.290 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

Tot Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
72 112.5 32.0 48.0#
71 0.0 29.8 44.8#

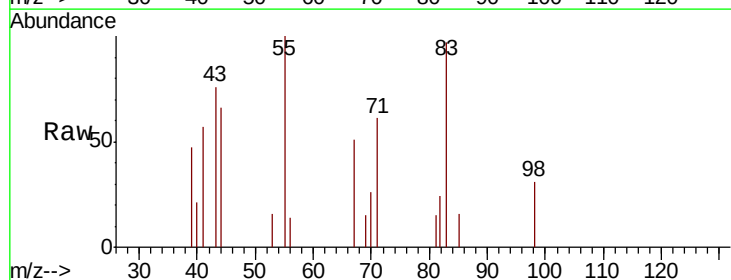


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

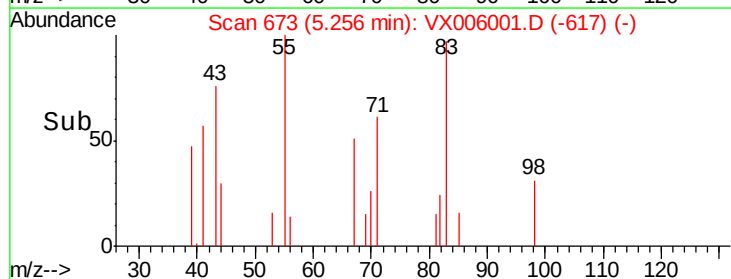
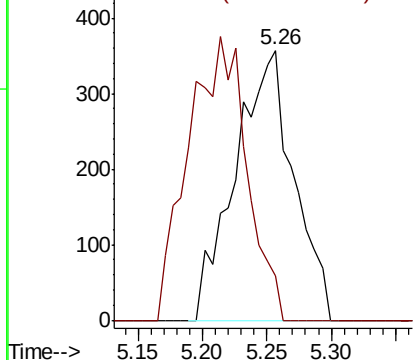


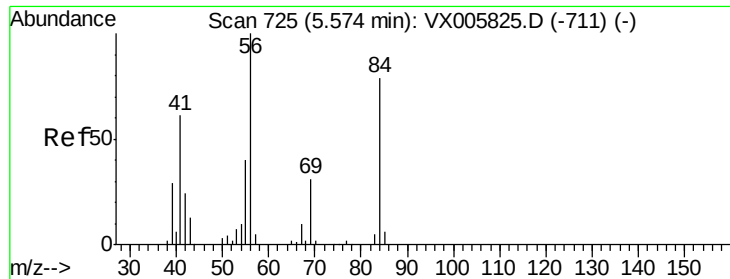
#30
Chloroform
Concen: 0.462 ug/l
RT: 5.26 min Scan# 673
Delta R.T. 0.04 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 83 Resp: 1126
Ion Ratio Lower Upper
83 100
85 16.5 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

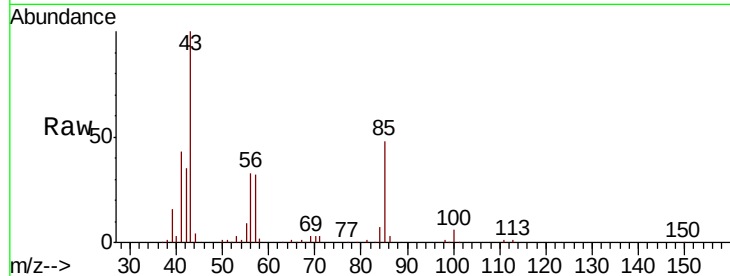




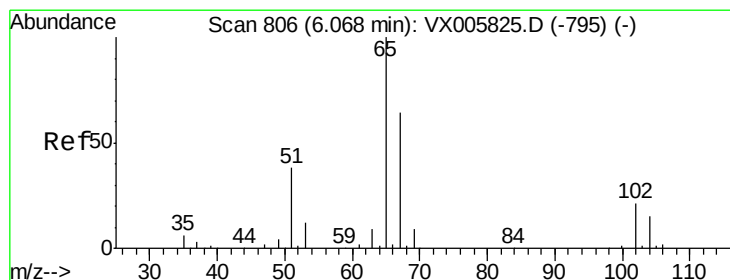
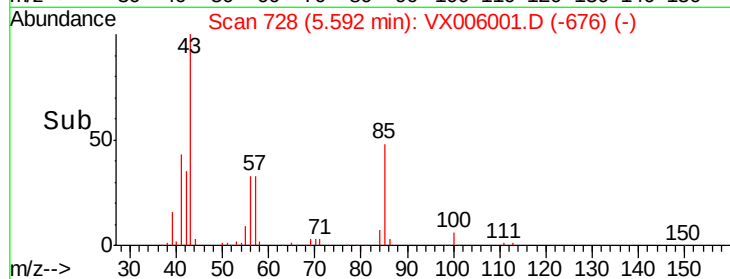
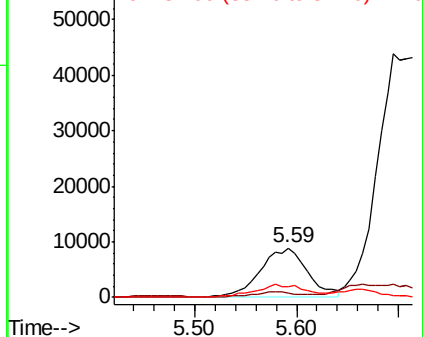
#31
Cyclohexane
Concen: 13.031 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.02 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

Tot Ion: 56 Resp: 28566
Ion Ratio Lower Upper
56 100
69 7.4 22.6 34.0#
84 21.8 62.7 94.1#

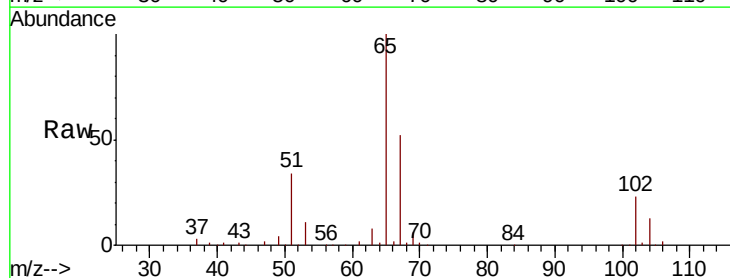


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

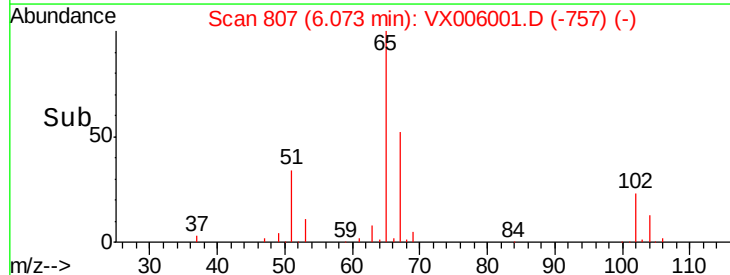
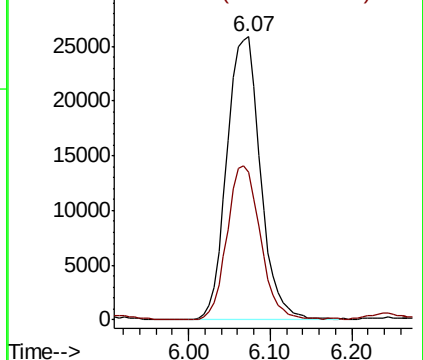


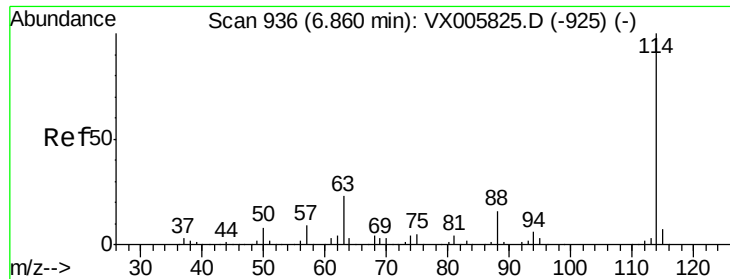
#33
1,2-Dichloroethane-d4
Concen: 46.787 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 65 Resp: 73622
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

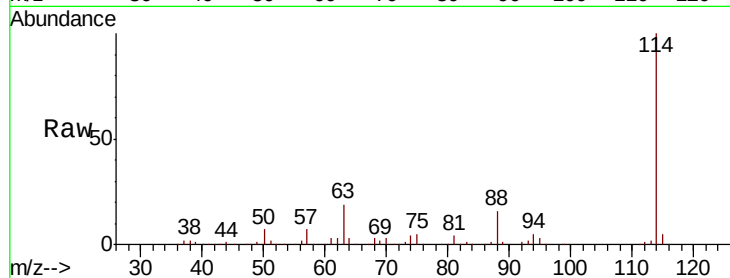




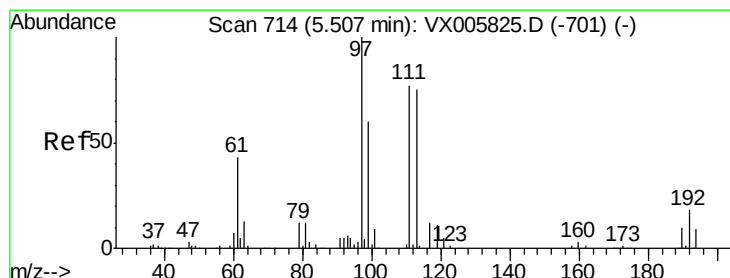
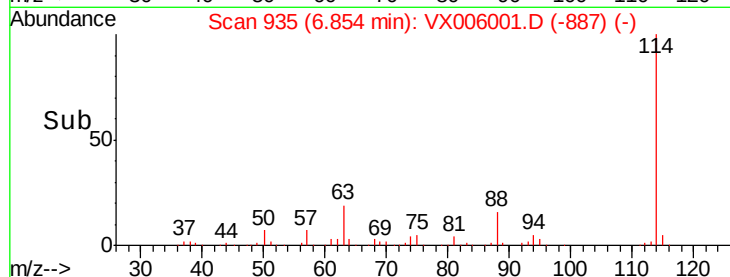
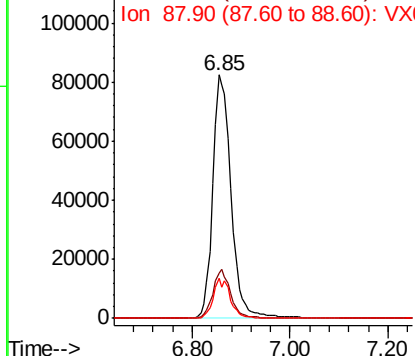
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-109(17-18)ME

Tot Ion:114 Resp: 214587
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.8
 88 16.3 0.0 31.2

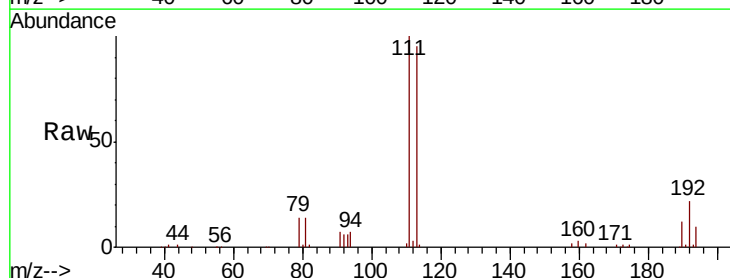


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

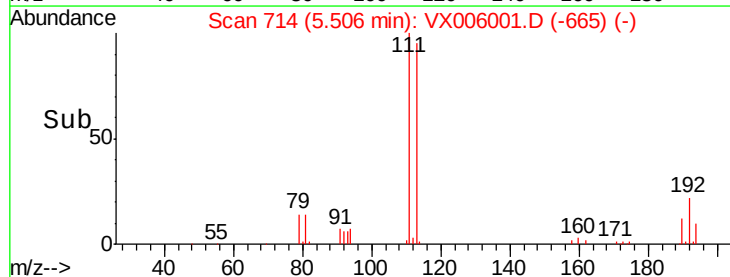
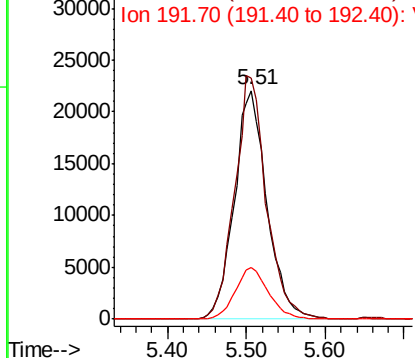


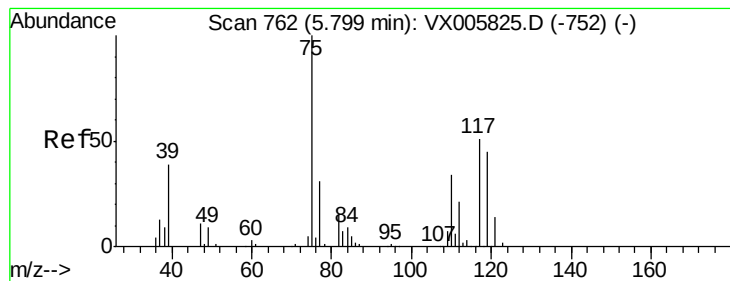
#35
 Dibromofluoromethane
 Concen: 43.523 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

Tgt Ion:113 Resp: 63522
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 23.0 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: 4.579 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

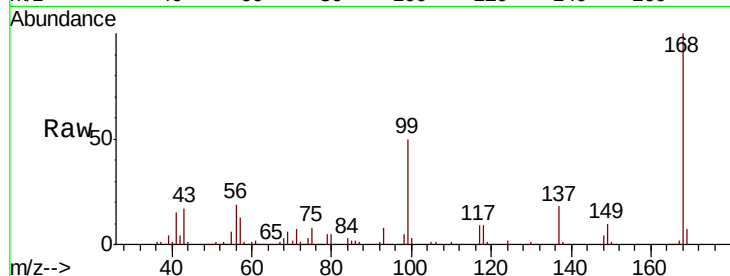
Tot Ion: 75 Resp: 9472

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

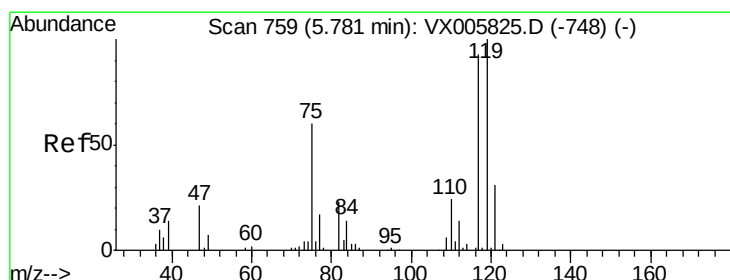
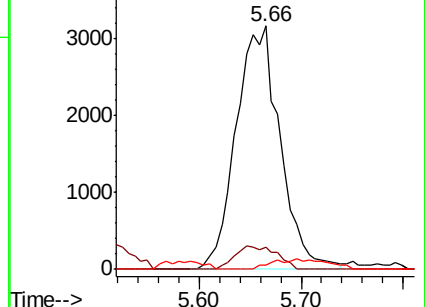
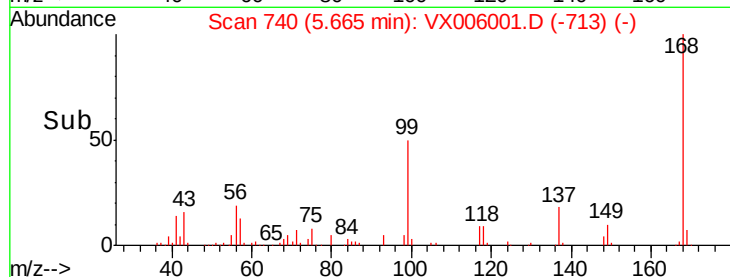
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX006001.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX006001.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX006001.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 5.910 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

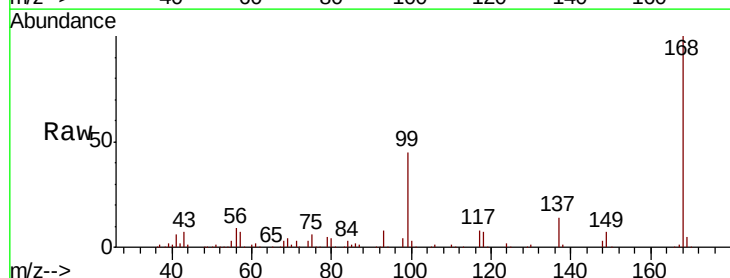
Tgt Ion: 117 Resp: 12240

Ion Ratio Lower Upper

117 100

119 4.9 78.1 117.1#

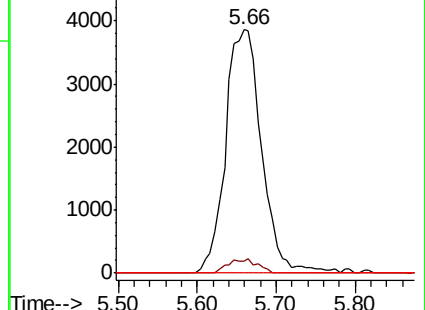
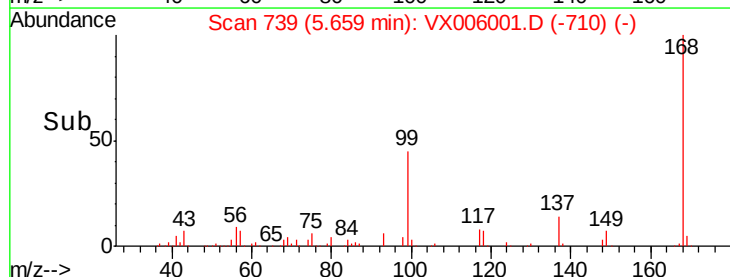
121 0.0 24.6 36.8#

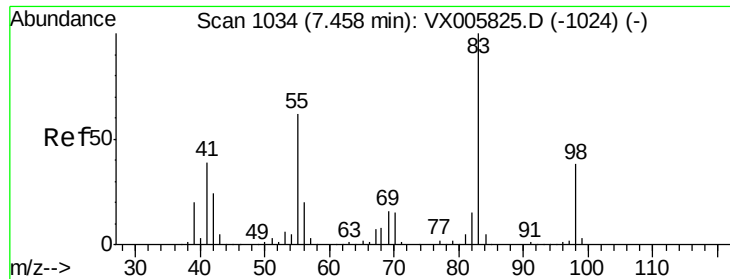


Abundance Ion 116.80 (116.50 to 117.50): VX006001.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006001.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006001.D (-710) (-)

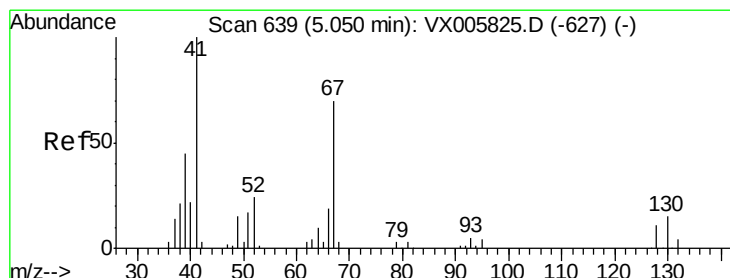
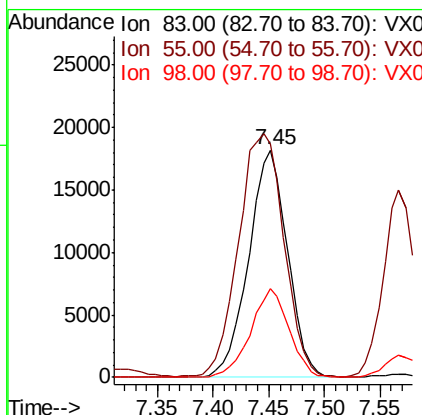
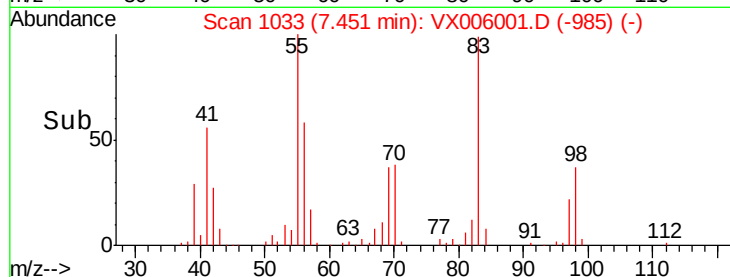
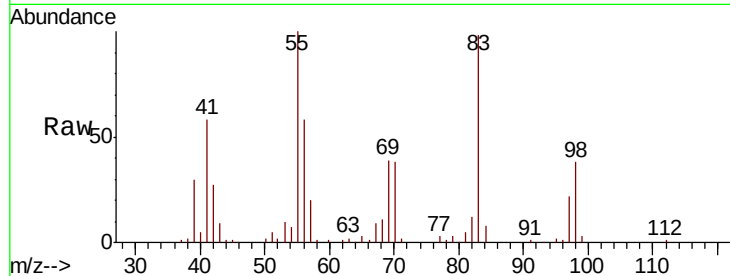




#39
Methylvlcyclohexane
Concen: 21.071 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

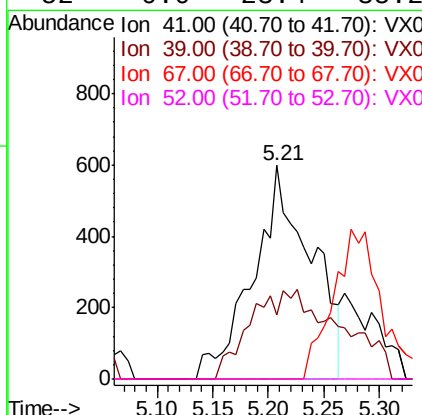
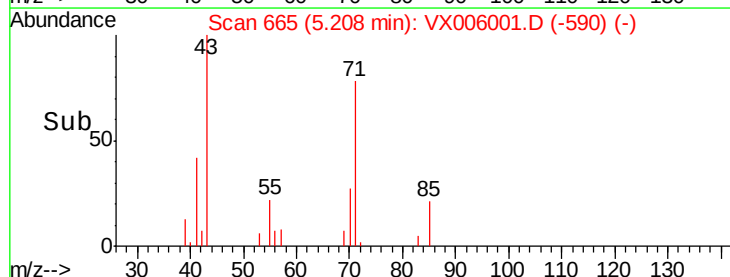
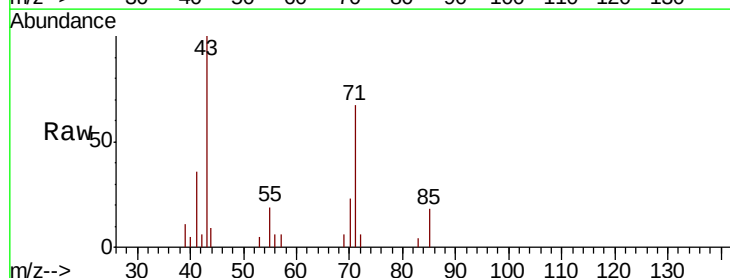
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

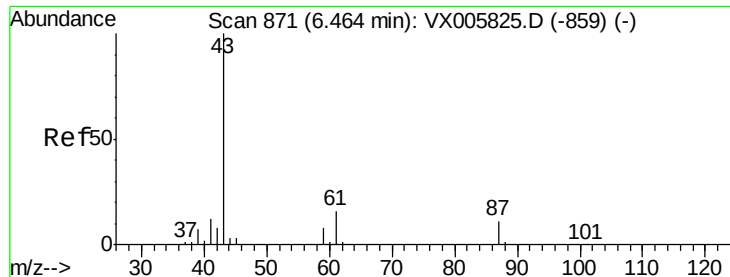
Tot Ion: 83 Resp: 44178
Ion Ratio Lower Upper
83 100
55 102.0 63.7 95.5#
98 38.8 36.2 54.2



#41
Methacrylonitrile
Concen: 1.479 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.16 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 41 Resp: 2174
Ion Ratio Lower Upper
41 100
39 22.3 42.2 63.2#
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#





#43

Isopropyl Acetate

Concen: 69.197 ug/l

RT: 6.34 min Scan# 850

Delta R.T. -0.13 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

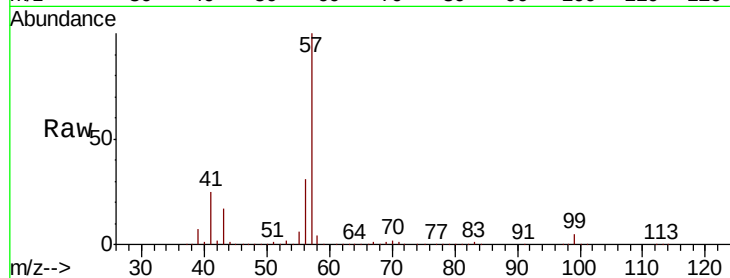
Tot Ion: 43 Resp: 272763

Ion Ratio Lower Upper

43 100

61 0.1 14.6 22.0#

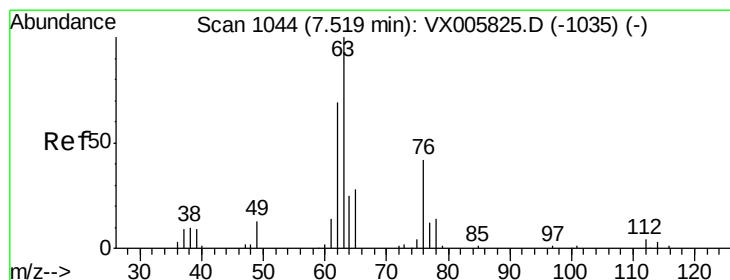
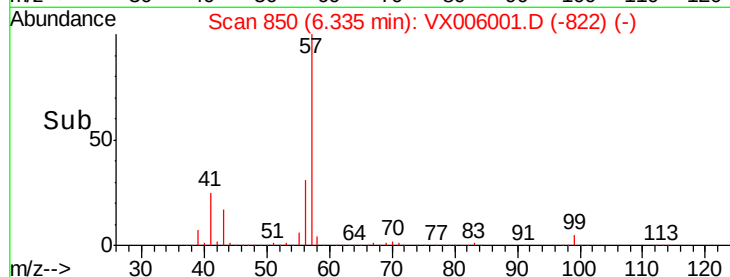
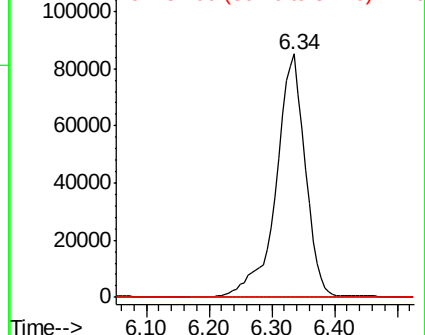
87 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.475 ug/l

RT: 7.56 min Scan# 1051

Delta R.T. 0.04 min

Lab File: VX006001.D

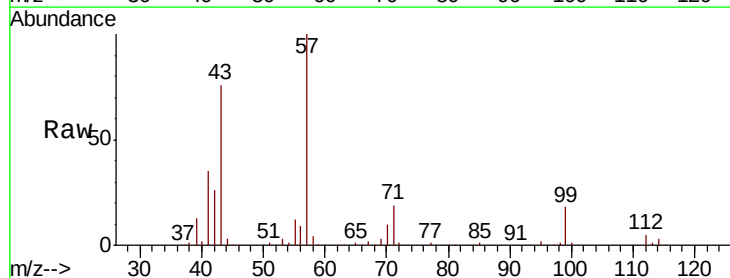
Acq: 15 Nov 2018 04:07

Tgt Ion: 63 Resp: 695

Ion Ratio Lower Upper

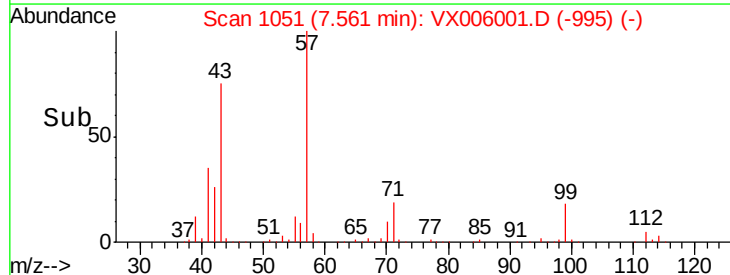
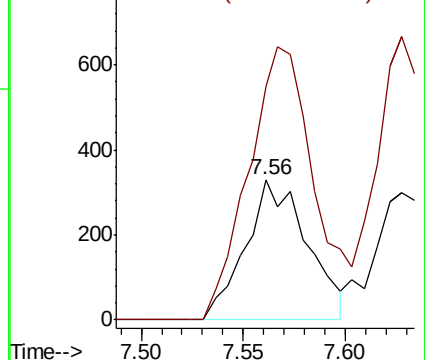
63 100

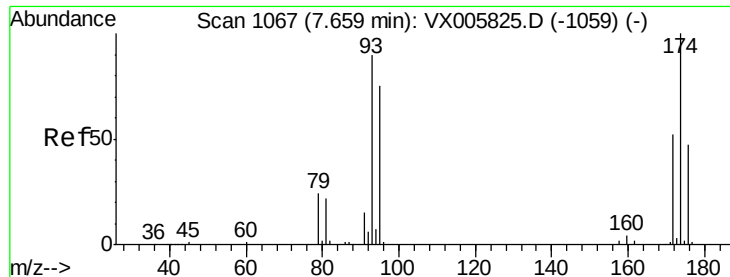
65 166.7 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.659 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

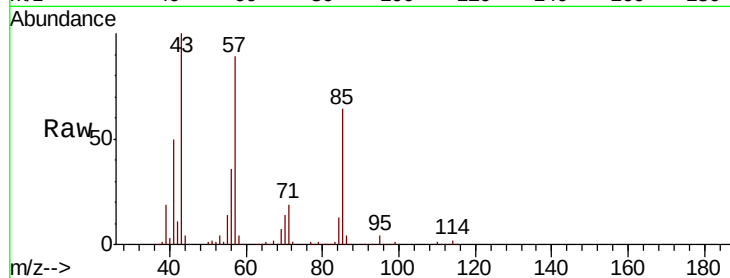
Tot Ion: 93 Resp: 605

Ion Ratio Lower Upper

93 100

95 1138.8 67.4 101.0#

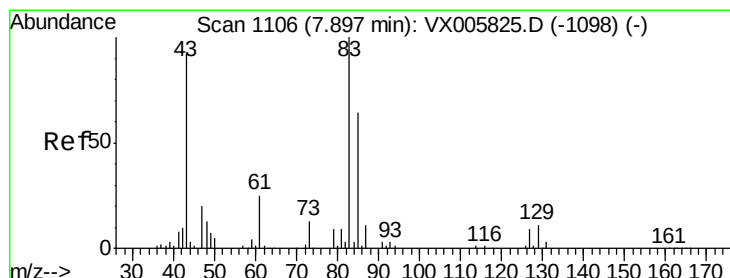
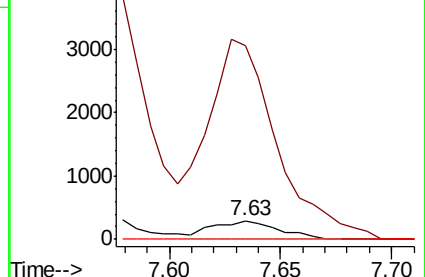
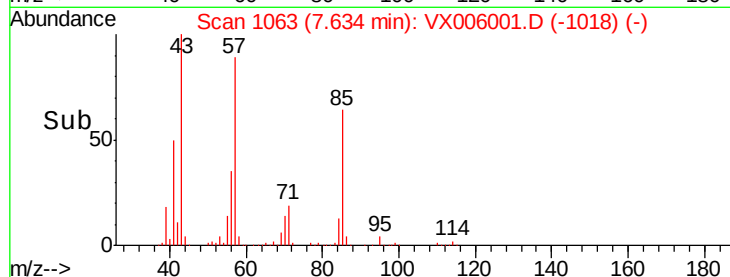
174 0.0 91.5 137.3#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 2.924 ug/l

RT: 7.84 min Scan# 1096

Delta R.T. -0.06 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

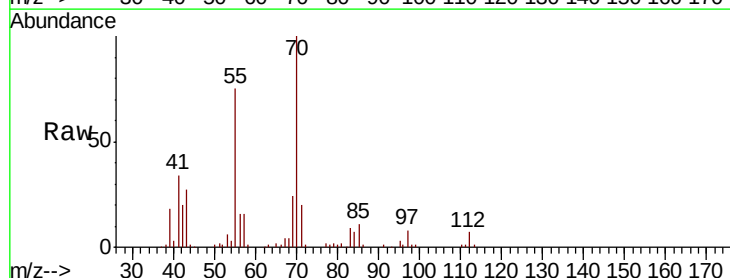
Tgt Ion: 83 Resp: 5075

Ion Ratio Lower Upper

83 100

85 122.7 50.2 75.4#

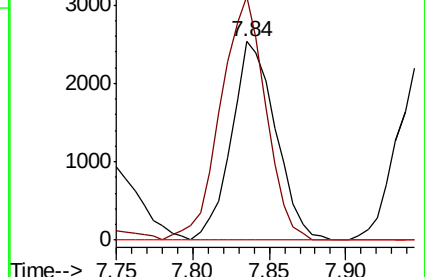
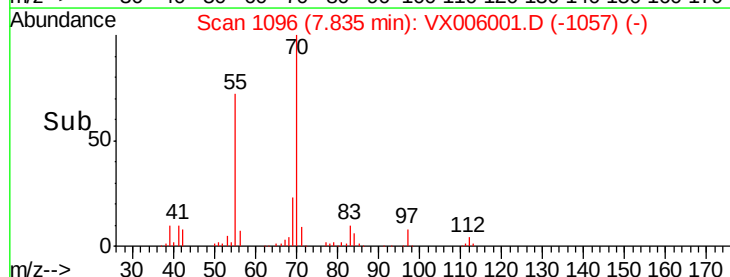
127 0.0 6.9 10.3#

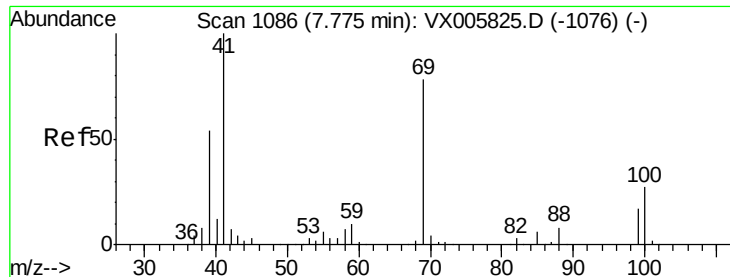


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

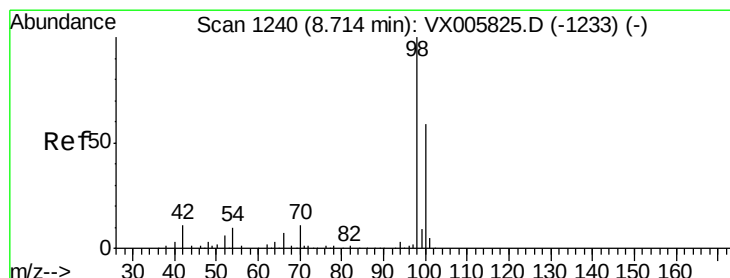
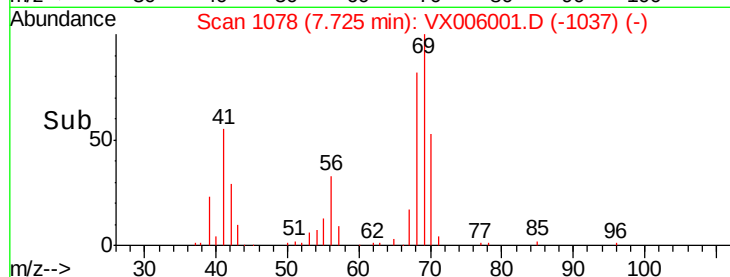
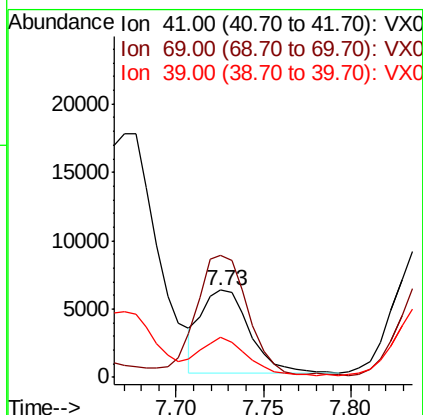
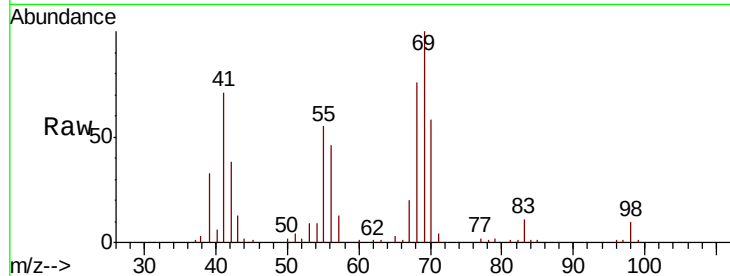




#48
Methvl methacrylate
Concen: 6.613 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

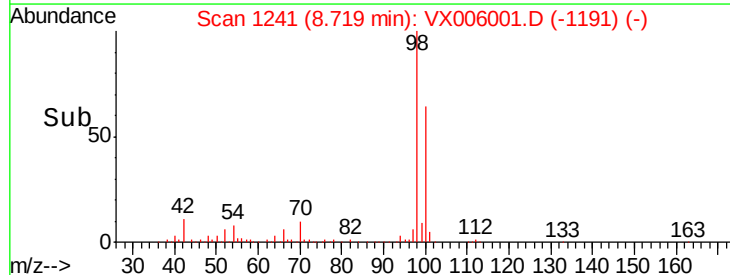
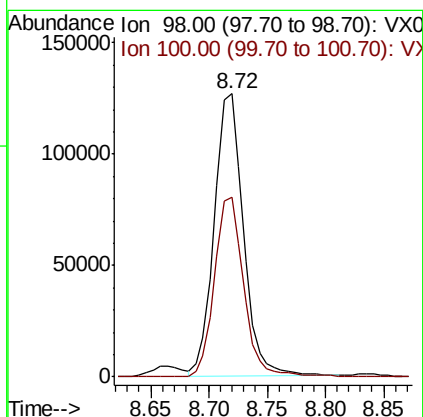
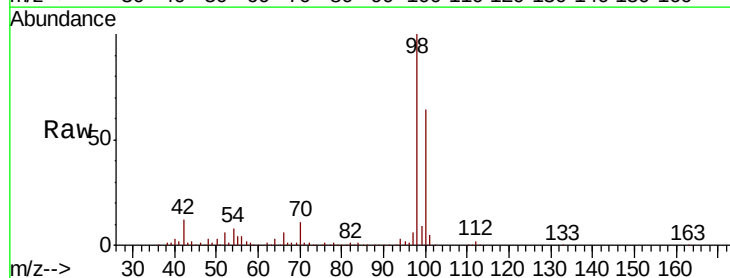
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

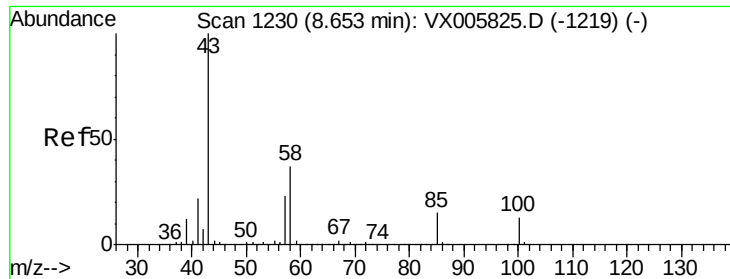
Tot Ion: 41 Resp: 11704
Ion Ratio Lower Upper
41 100
69 165.5 63.2 94.8#
39 45.9 42.2 63.2



#50
Toluene-d8
Concen: 45.230 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 98 Resp: 219469
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 90.668 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

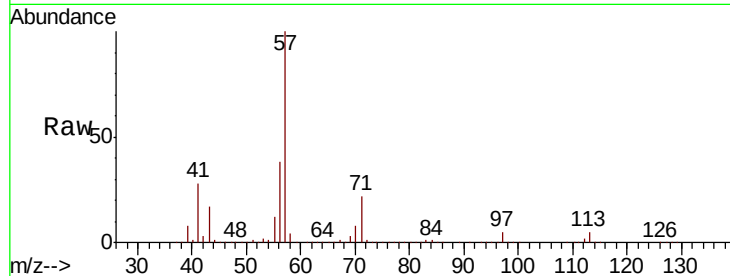
EP2-SB-109(17-18)ME

Tot Ion: 43 Resp: 225244

Ion Ratio Lower Upper

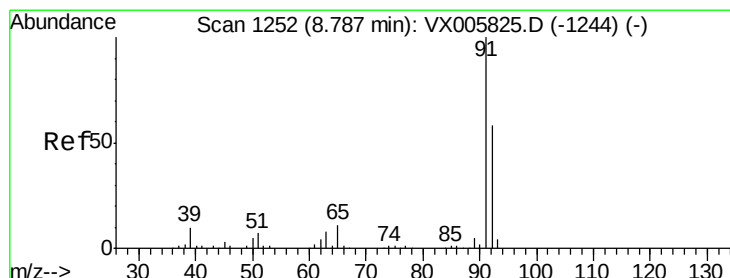
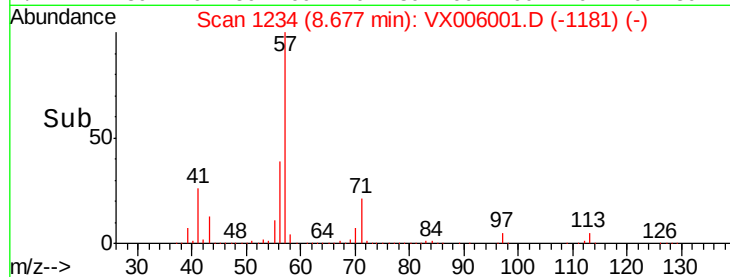
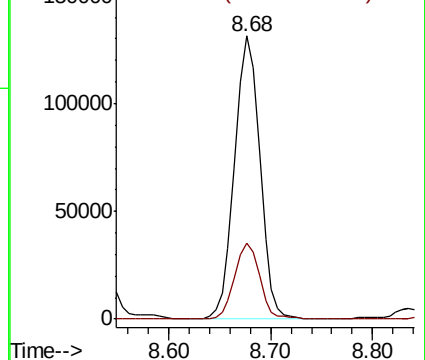
43 100

58 26.9 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: 0.341 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006001.D

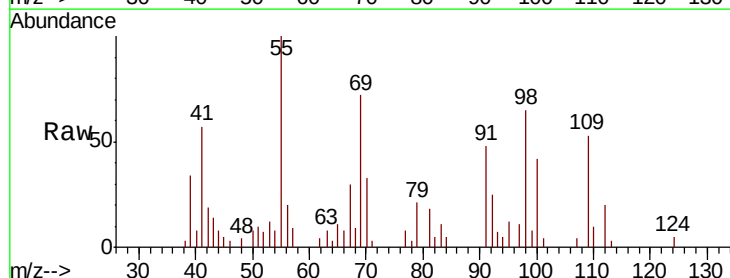
Acq: 15 Nov 2018 04:07

Tgt Ion: 92 Resp: 1148

Ion Ratio Lower Upper

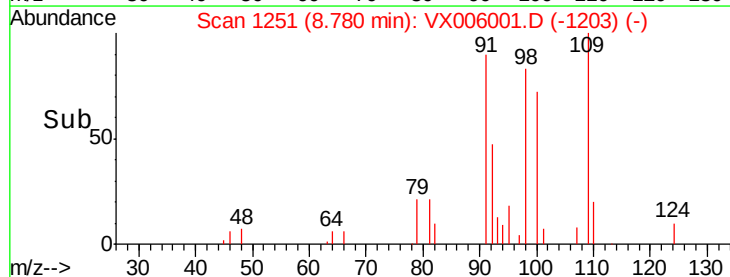
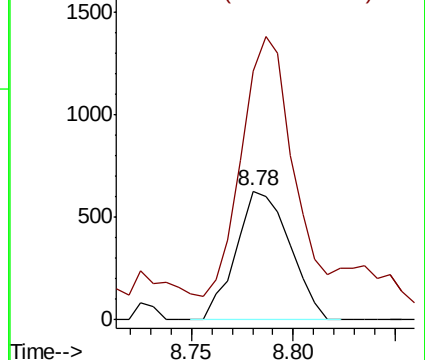
92 100

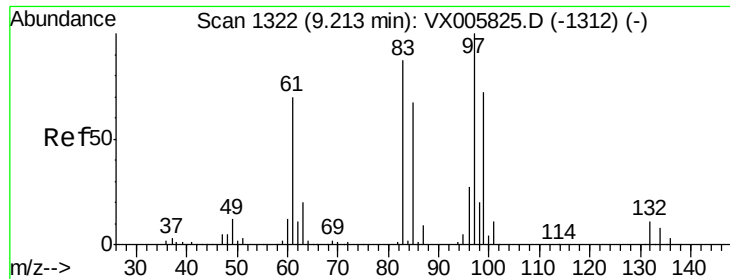
91 188.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

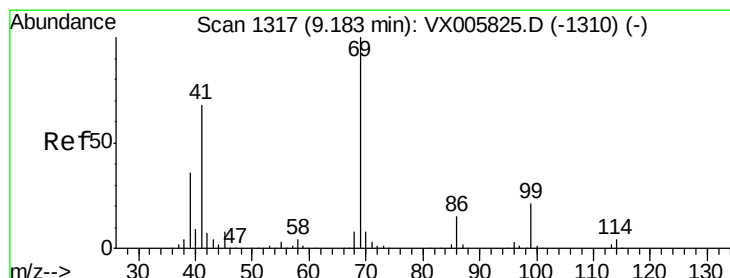
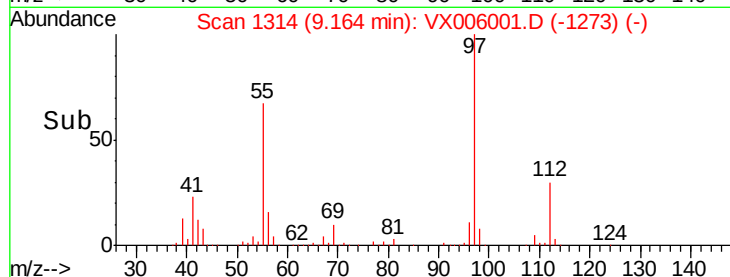
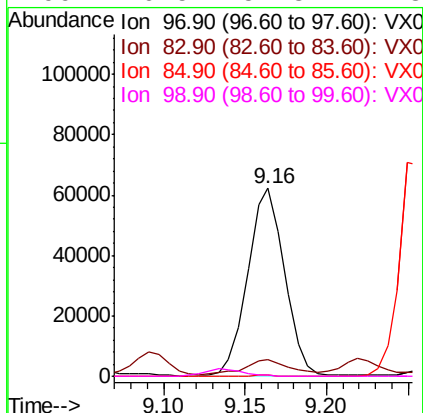
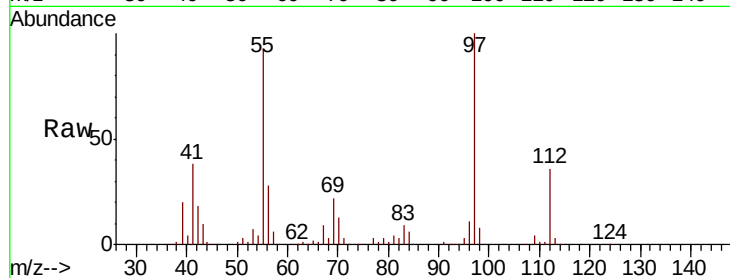




#55
 1,1,2-Trichloroethane
 Concen: 65.010 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

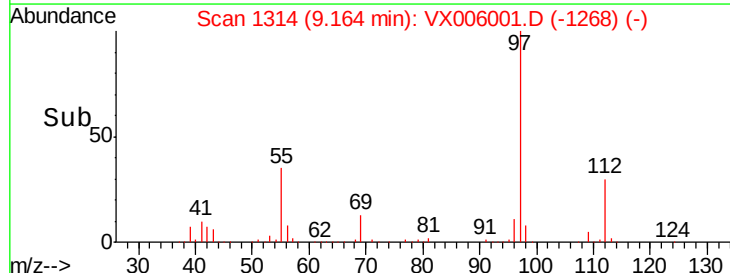
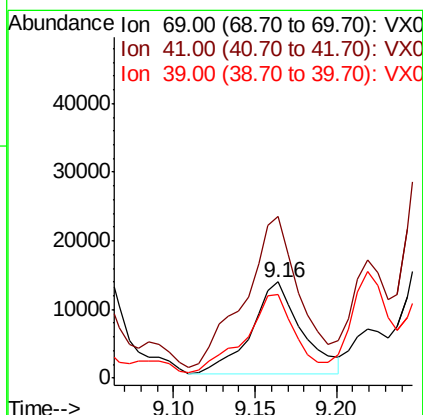
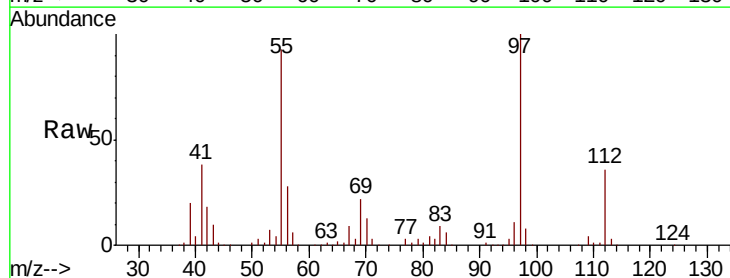
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-109(17-18)ME

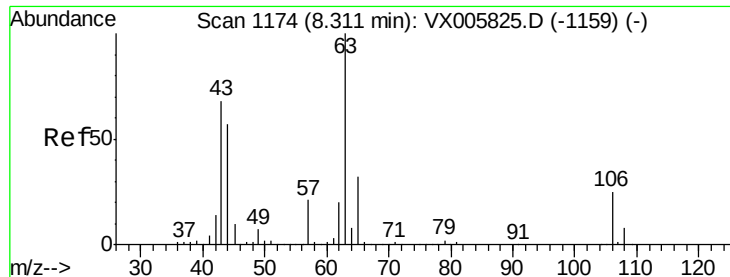
Tot Ion: 97 Resp: 97653
 Ion Ratio Lower Upper
 97 100
 83 7.9 70.7 106.1#
 85 0.4 45.8 68.6#
 99 0.5 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 12.623 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

Tgt Ion: 69 Resp: 28372
 Ion Ratio Lower Upper
 69 100
 41 175.1 57.0 85.6#
 39 85.4 28.3 42.5#

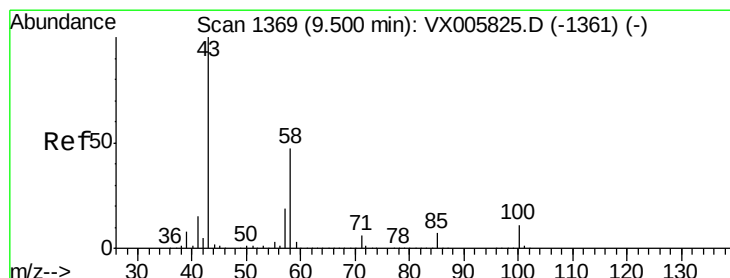
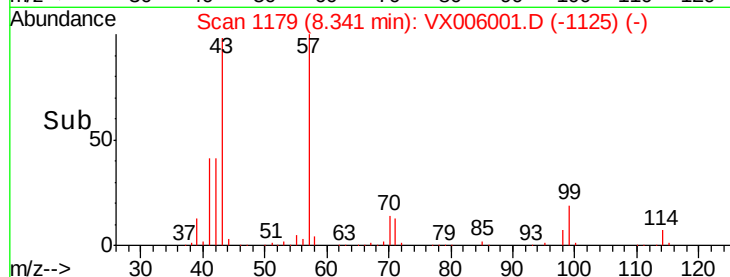
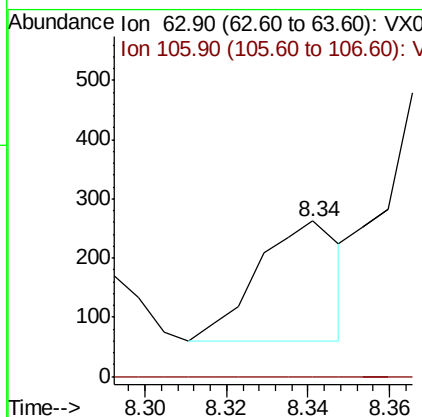
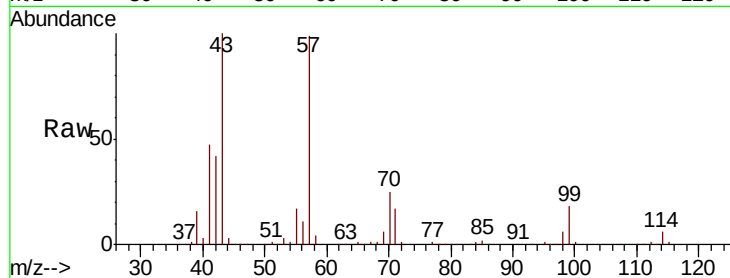




#58
2-Chloroethyl Vinyl ether
Concen: 8.504 ug/l
RT: 8.34 min Scan# 1179
Delta R.T. 0.03 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

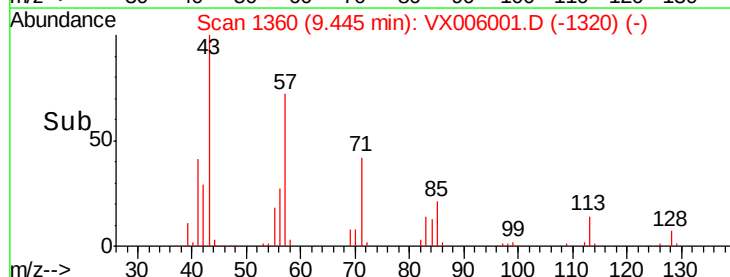
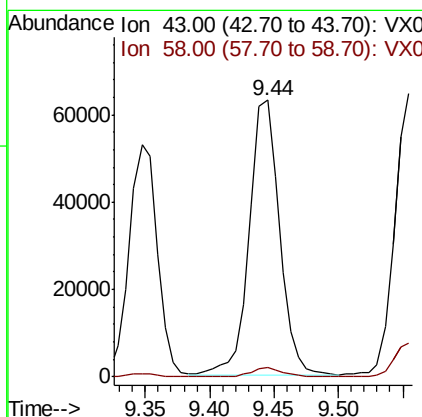
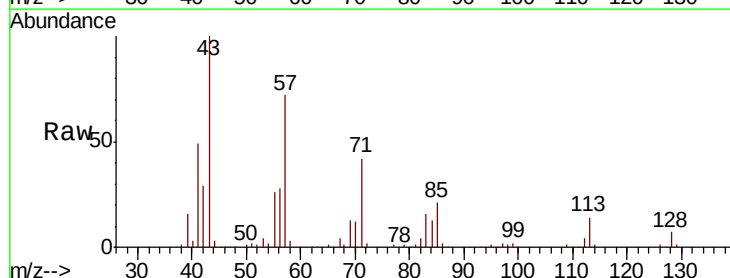
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

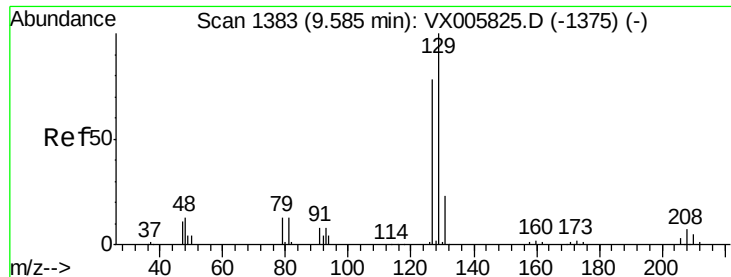
Tot Ion: 63 Resp: 286
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#59
2-Hexanone
Concen: 46.473 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.06 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 43 Resp: 101765
Ion Ratio Lower Upper
43 100
58 3.8 25.9 77.8#





#60

Dibromochloromethane

Concen: 0.288 ug/l

RT: 9.56 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

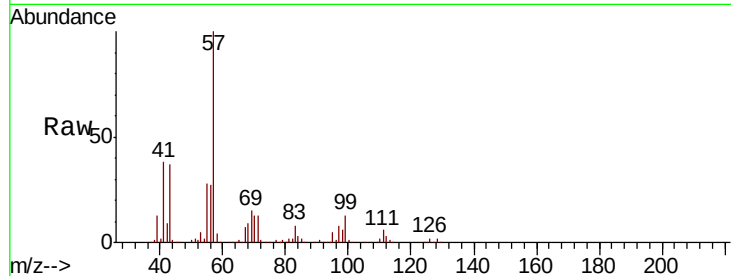
EP2-SB-109(17-18)ME

Tot Ion:129 Resp: 468

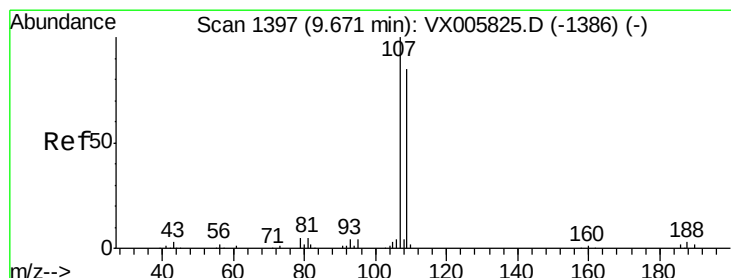
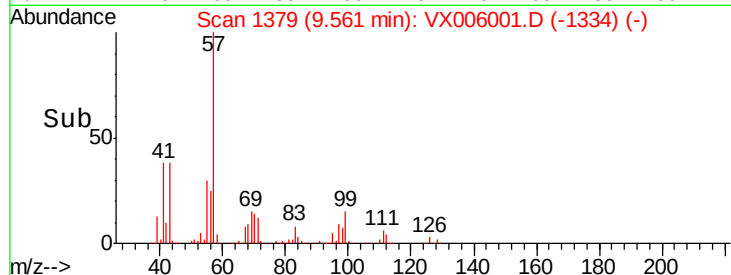
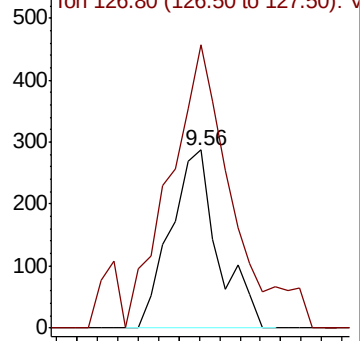
Ion Ratio Lower Upper

129 100

127 206.6 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 0.204 ug/l

RT: 9.66 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VX006001.D

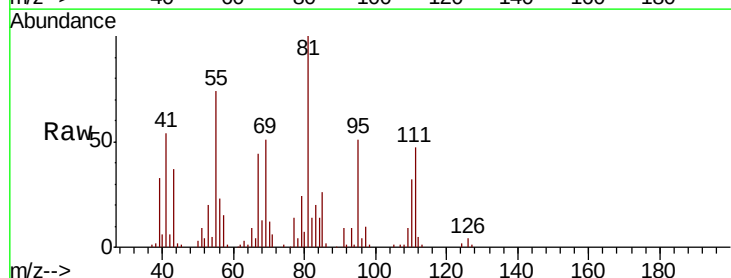
Acq: 15 Nov 2018 04:07

Tgt Ion:107 Resp: 339

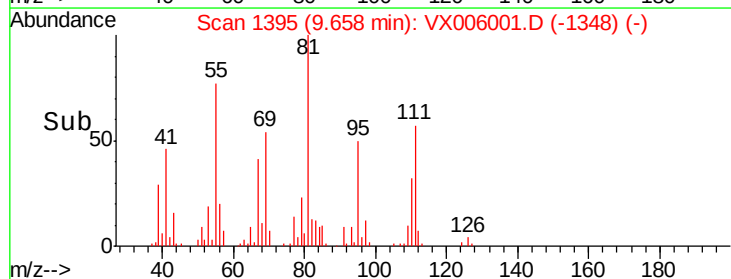
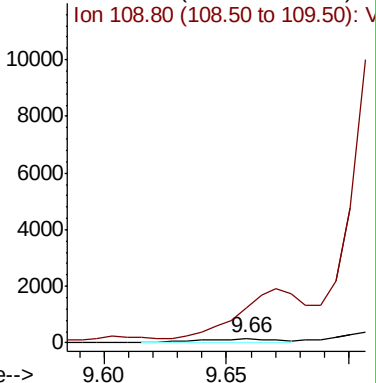
Ion Ratio Lower Upper

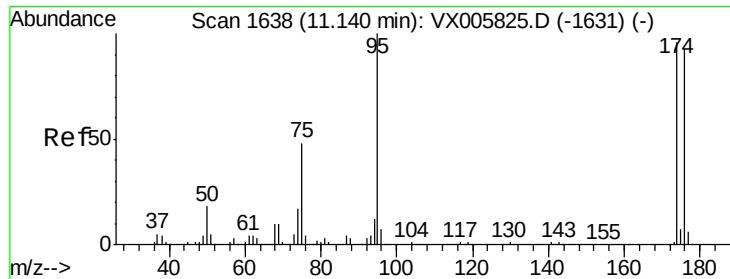
107 100

109 1038.1 75.7 113.5#



Abundance Ion 106.90 (106.60 to 107.60): V

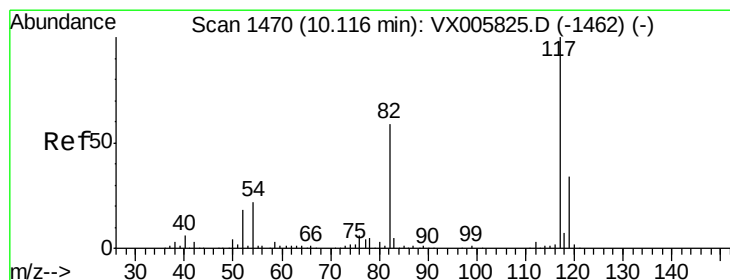
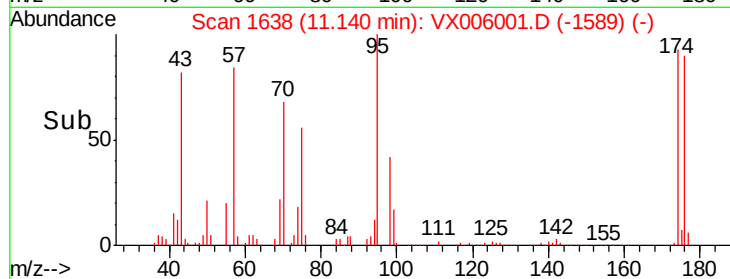
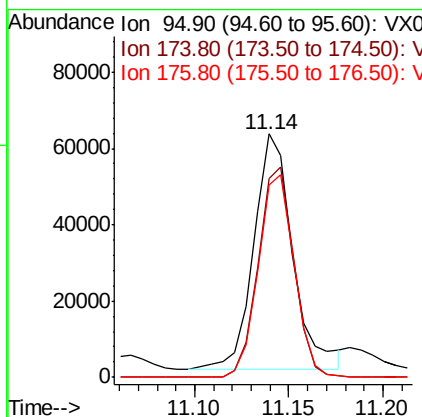
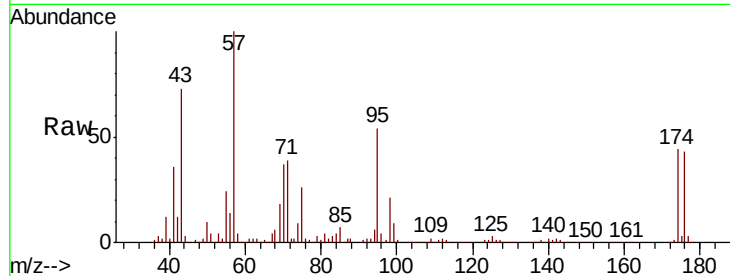




#62
4-Bromofluorobenzene
Concen: 50.422 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

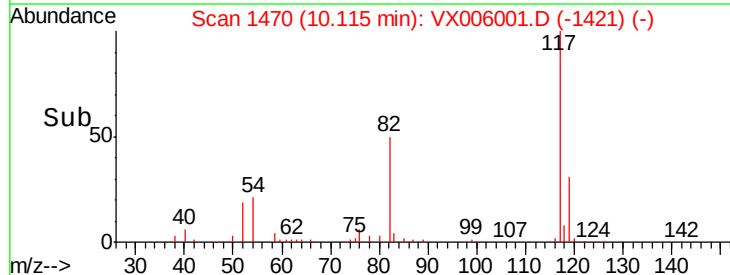
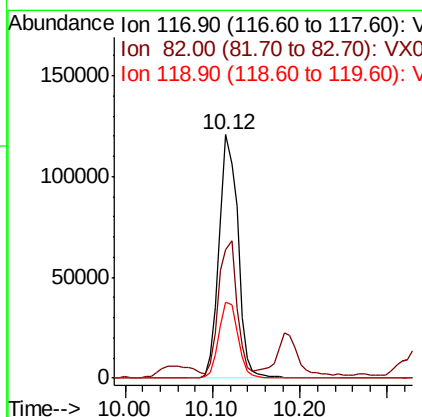
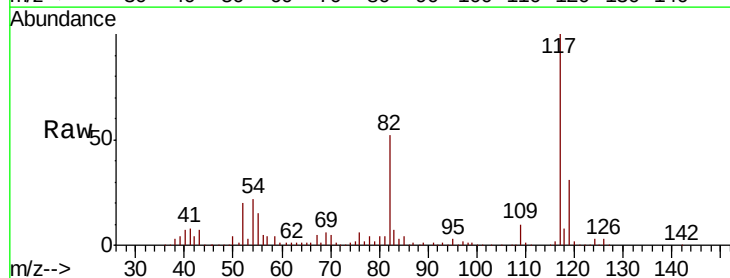
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

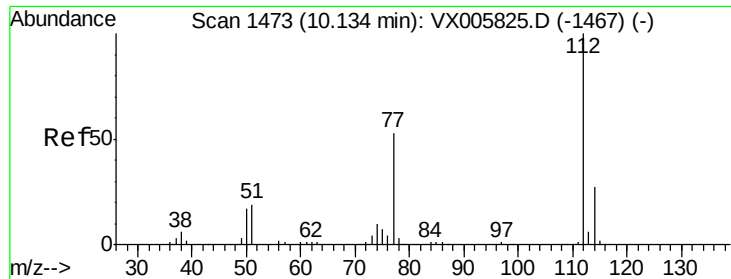
Tot Ion	95	Resp	87965
Ion Ratio	100		
Lower			
Upper			
174	82.7	0.0	184.4
176	80.2	0.0	177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion	117	Resp	179732
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	50.8	44.1	66.1
119	31.1	26.2	39.2

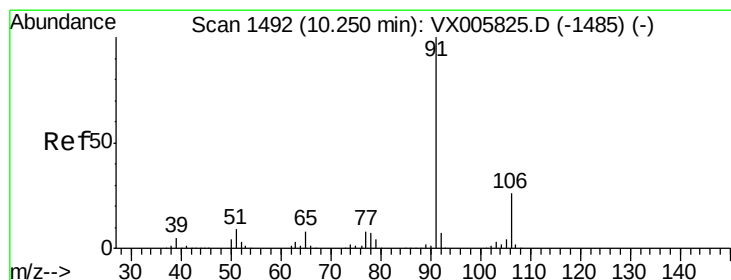
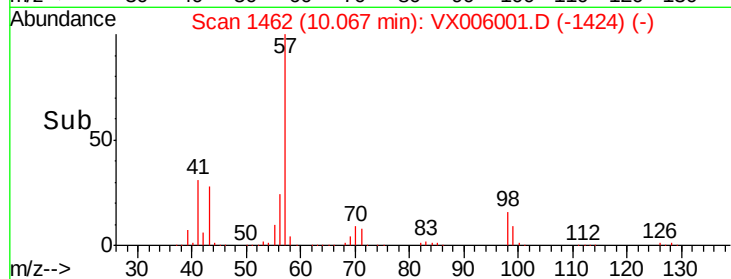
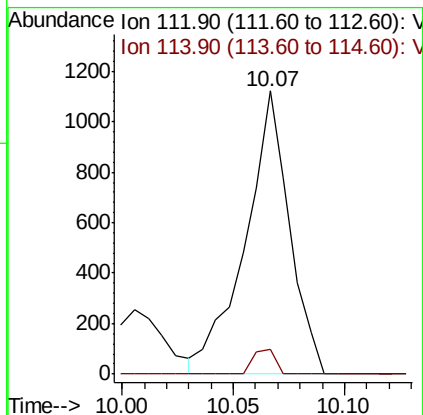
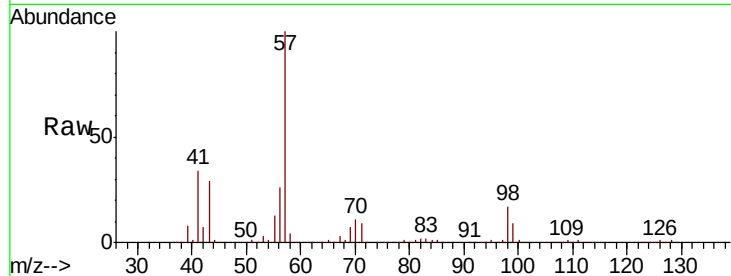




#65
Chlorobenzene
Concen: 0.429 ug/l
RT: 10.07 min Scan# 1462
Delta R.T. -0.07 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

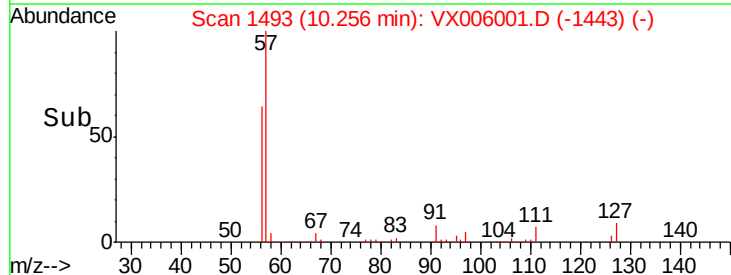
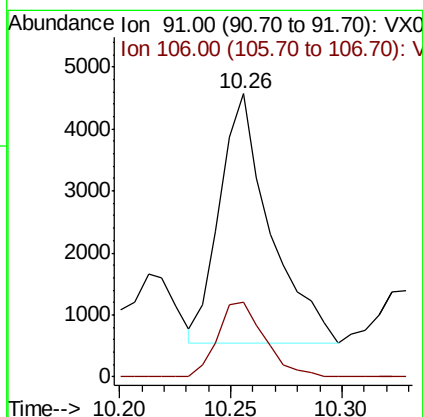
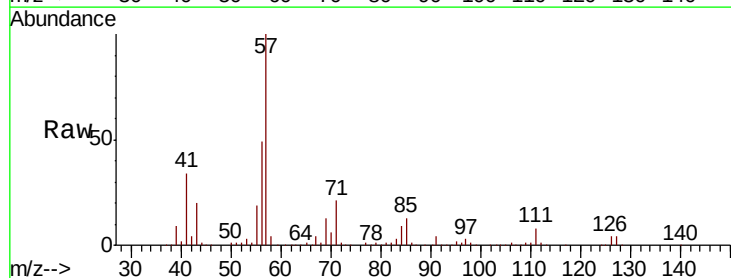
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

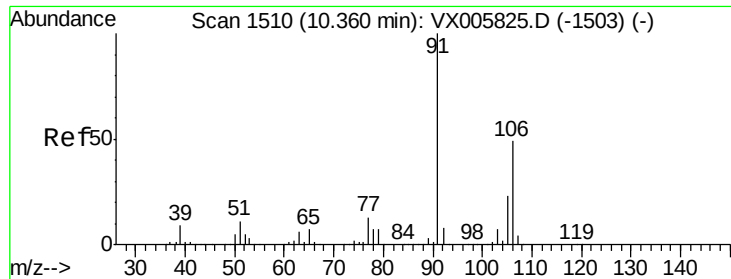
Tot Ion:112 Resp: 1546
Ion Ratio Lower Upper
112 100
114 8.6 25.8 38.6#



#67
Ethyl Benzene
Concen: 1.096 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 91 Resp: 6326
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

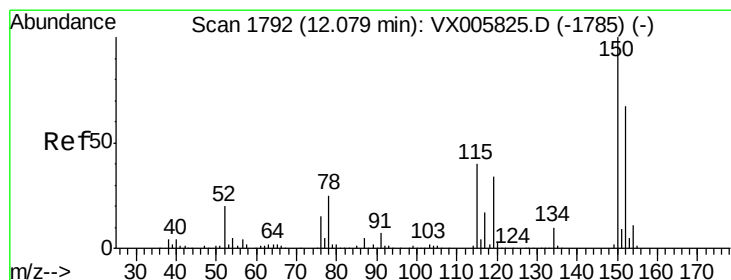
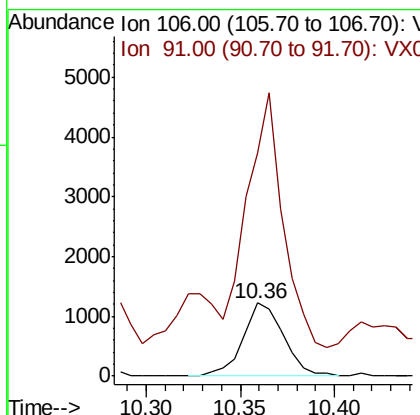
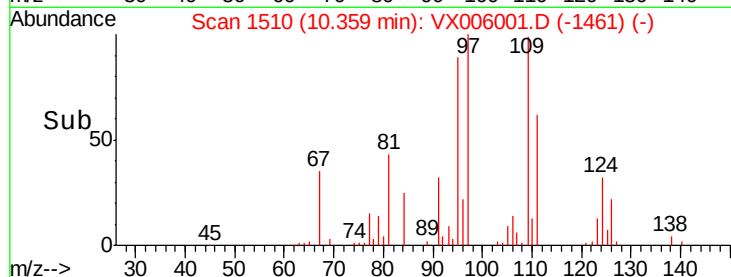
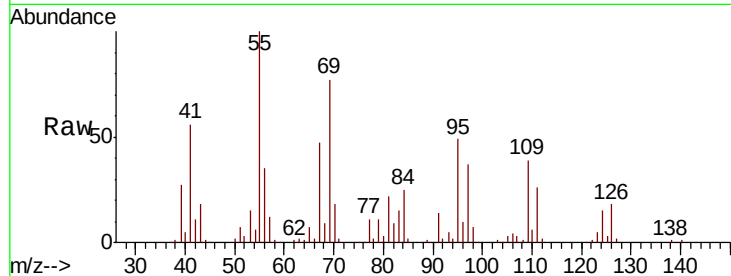




#68
m/p-Xvlenes
Concen: 0.833 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

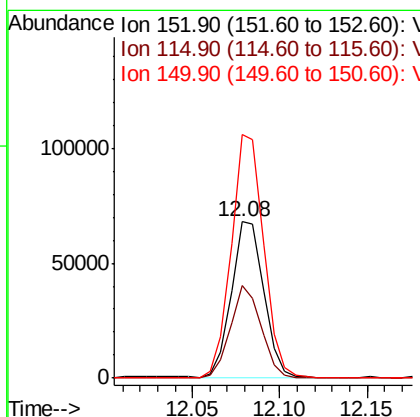
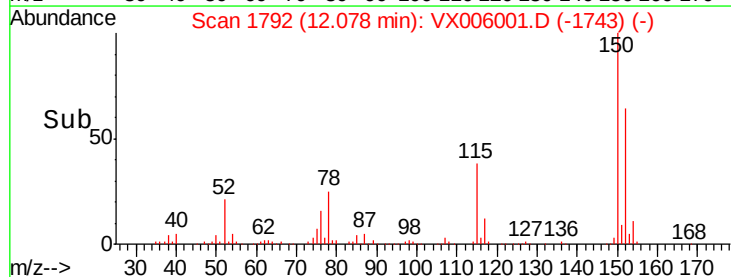
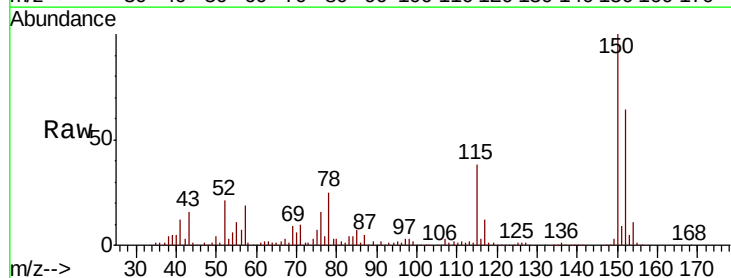
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

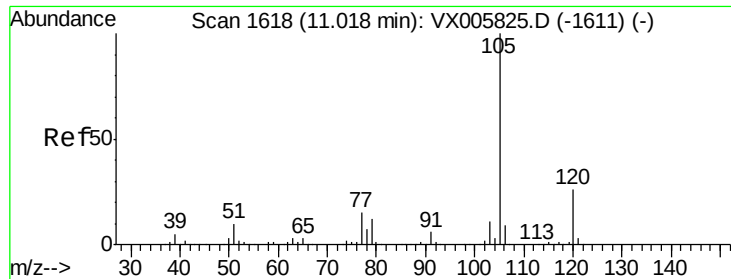
Tot Ion:106 Resp: 1835
Ion Ratio Lower Upper
106 100
91 304.7 164.2 246.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion:152 Resp: 87189
Ion Ratio Lower Upper
152 100
115 57.5 39.4 118.1
150 156.3 0.0 346.4





#73

Isopropylbenzene

Concen: 27.783 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

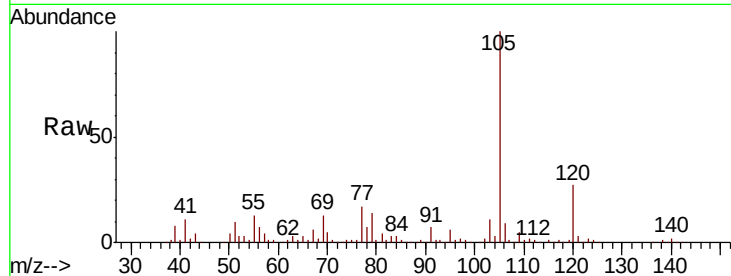
EP2-SB-109(17-18)ME

Tot Ion:105 Resp: 140085

Ion Ratio Lower Upper

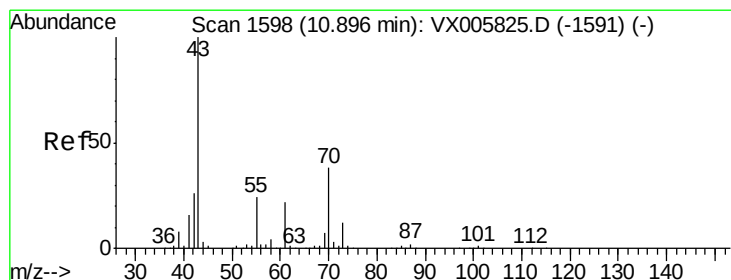
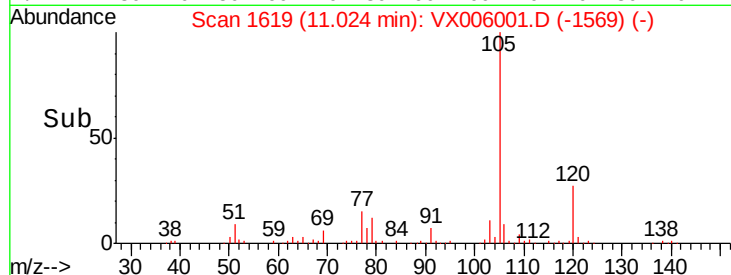
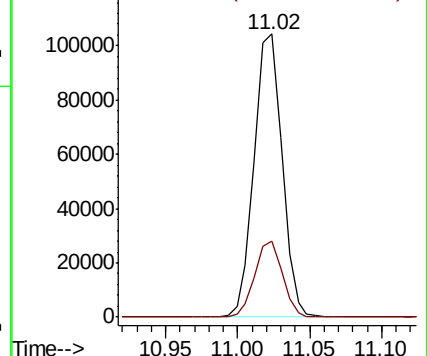
105 100

120 26.5 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: 16.305 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Tgt Ion: 43 Resp: 43683

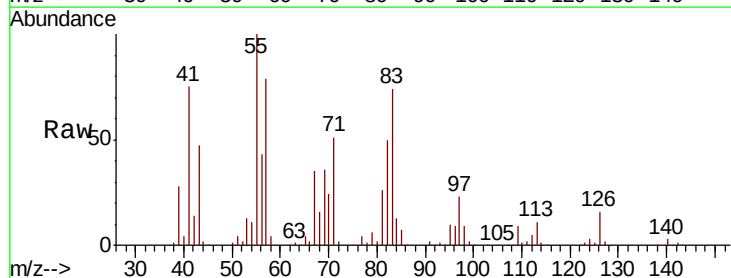
Ion Ratio Lower Upper

43 100

70 66.5 31.6 47.4#

55 240.6 19.7 29.5#

61 0.0 18.3 27.5#

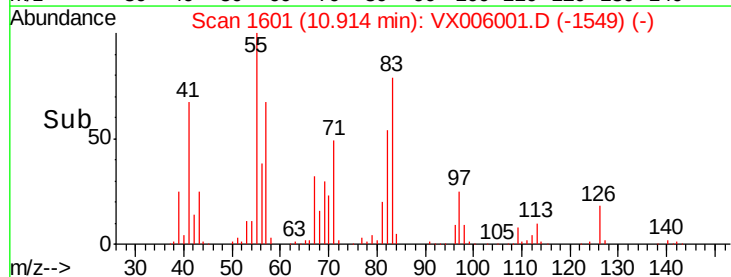
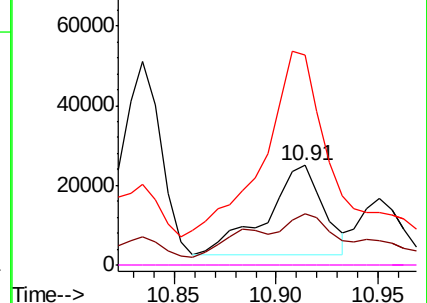


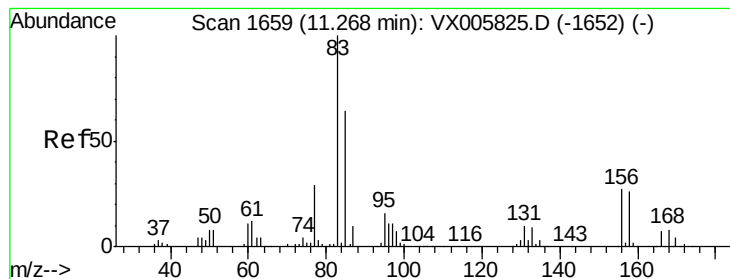
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.871 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

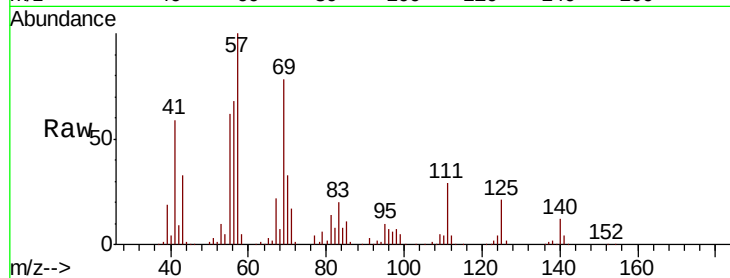
Tot Ion: 83 Resp: 5313

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

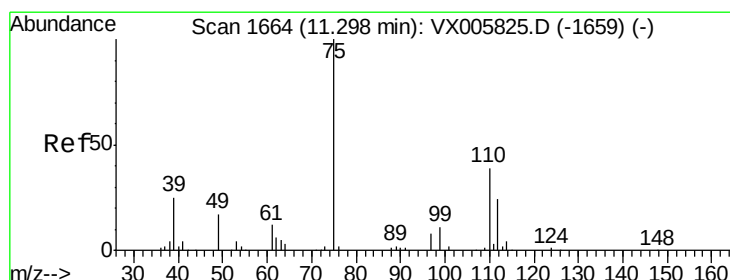
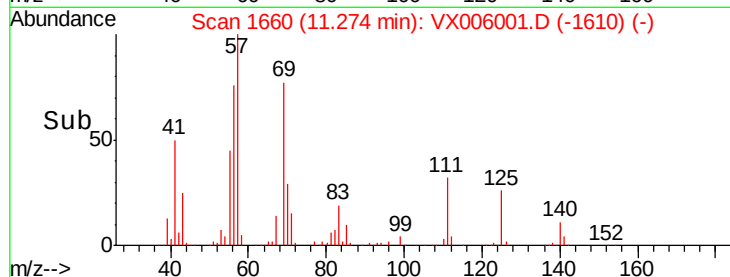
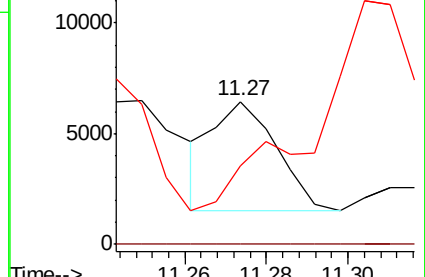
85 0.0 32.0 96.2#



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: 2.891 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX006001.D

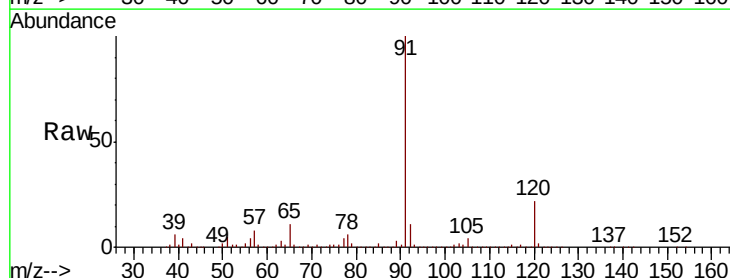
Acq: 15 Nov 2018 04:07

Tgt Ion: 75 Resp: 5133

Ion Ratio Lower Upper

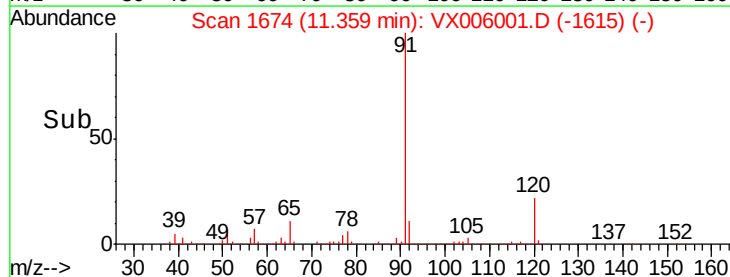
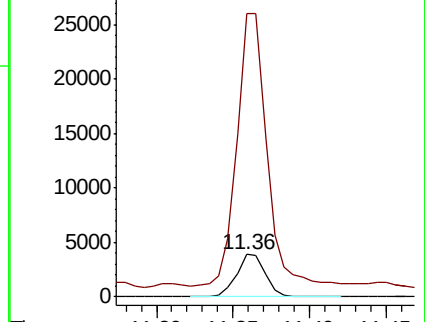
75 100

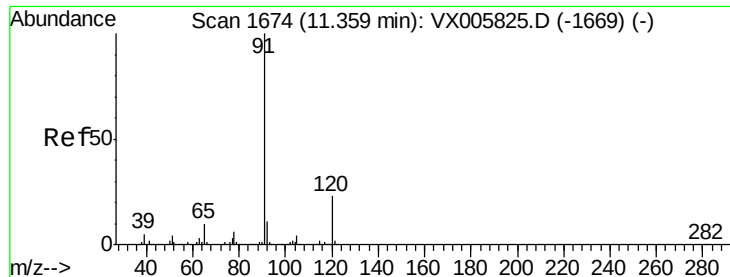
77 662.5 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 141.236 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

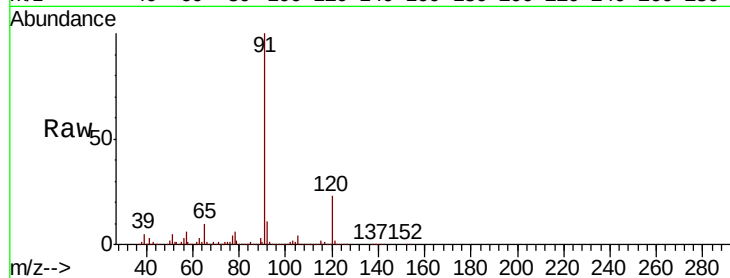
EP2-SB-109(17-18)ME

Tot Ion: 91 Resp: 839251

Ion Ratio Lower Upper

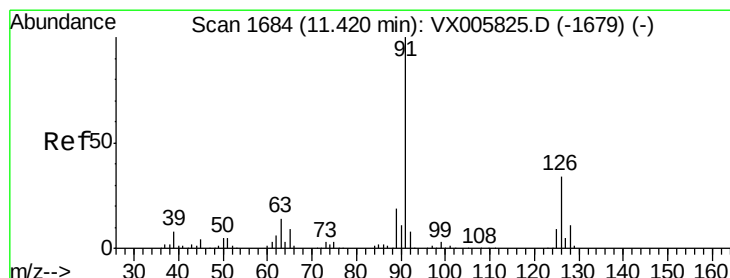
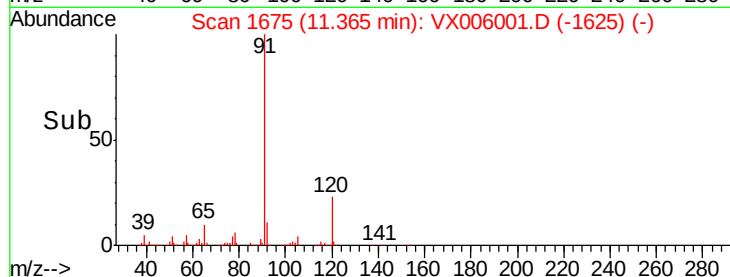
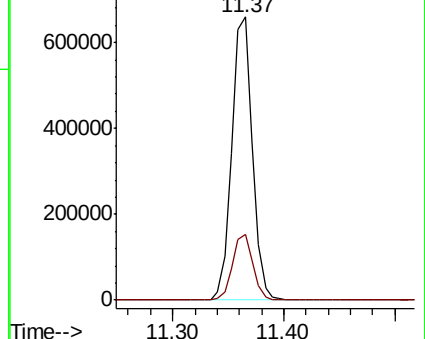
91 100

120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 233.665 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. -0.06 min

Lab File: VX006001.D

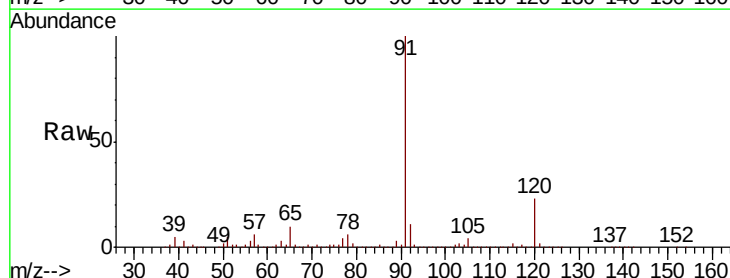
Acq: 15 Nov 2018 04:07

Tgt Ion: 91 Resp: 839251

Ion Ratio Lower Upper

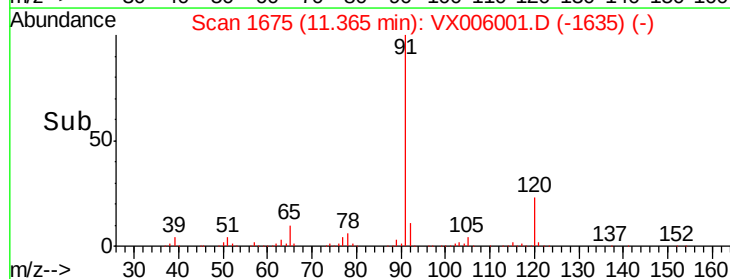
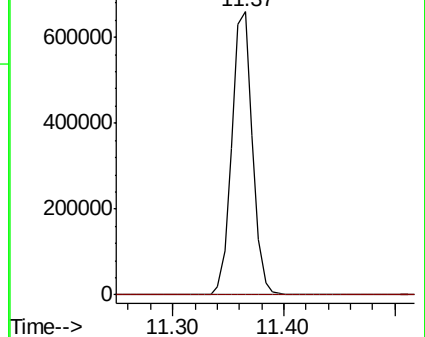
91 100

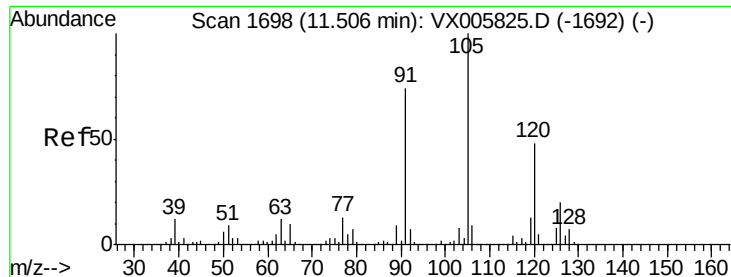
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

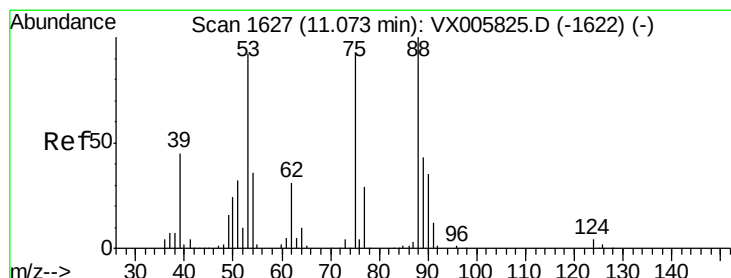
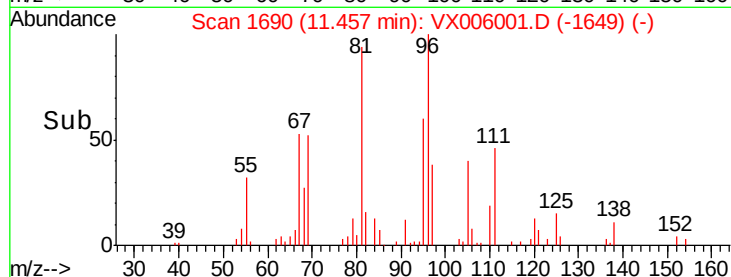
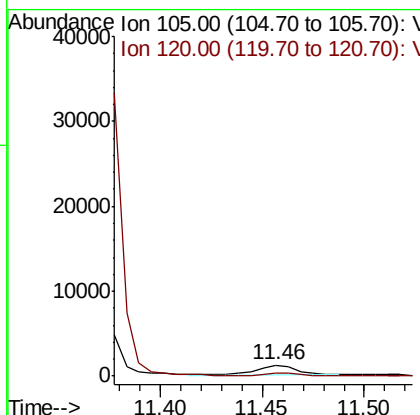
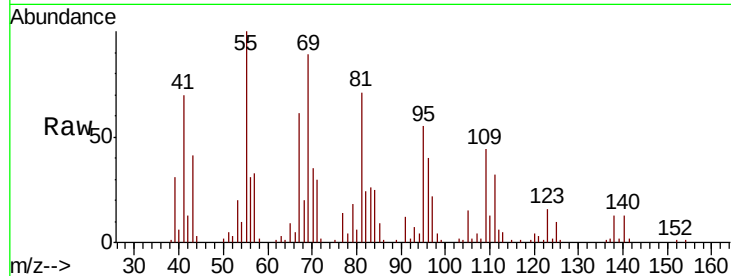




#80
 1,3,5-Trimethylbenzene
 Concen: 0.374 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

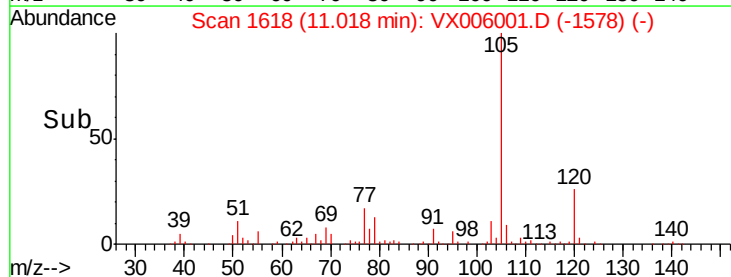
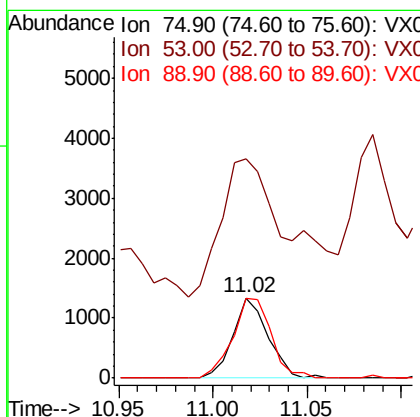
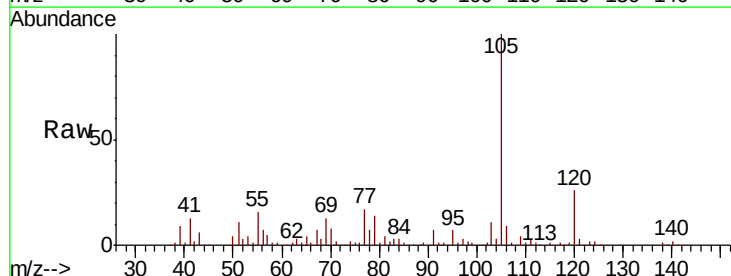
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-109(17-18)ME

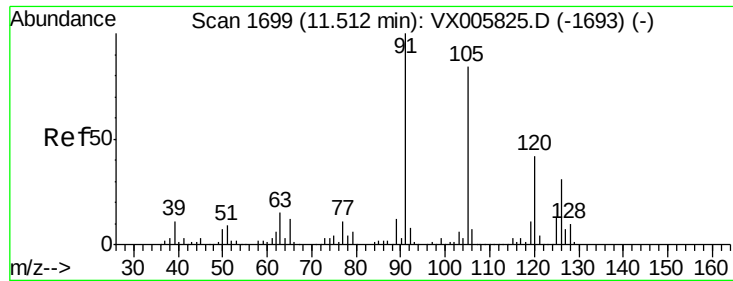
Tot Ion:105 Resp: 1602
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.1 72.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.097 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.06 min
 Lab File: VX006001.D
 Acq: 15 Nov 2018 04:07

Tgt Ion: 75 Resp: 1725
 Ion Ratio Lower Upper
 75 100
 53 338.6 80.2 120.2#
 89 109.4 39.8 59.8#





#82

4-Chlorotoluene

Concen: 198.268 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. -0.15 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

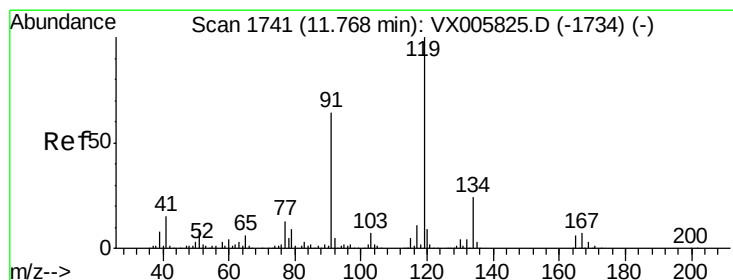
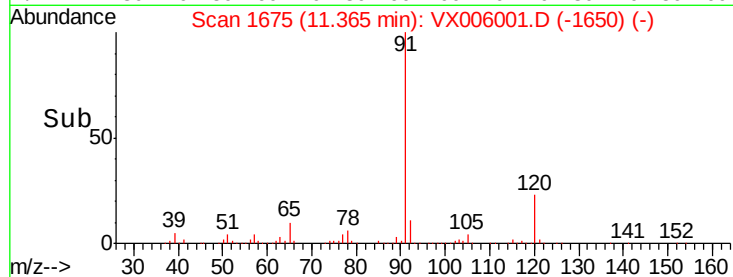
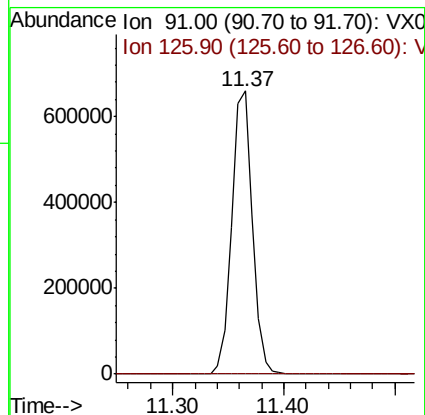
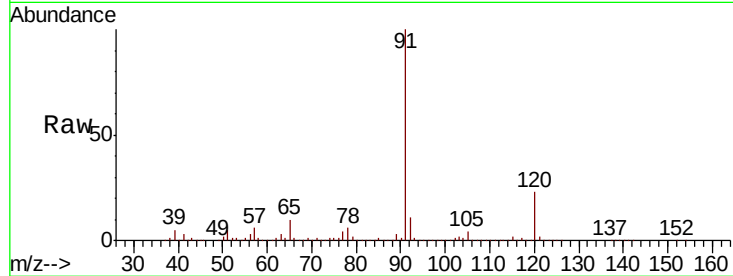
EP2-SB-109(17-18)ME

Tot Ion: 91 Resp: 839251

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 1.260 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

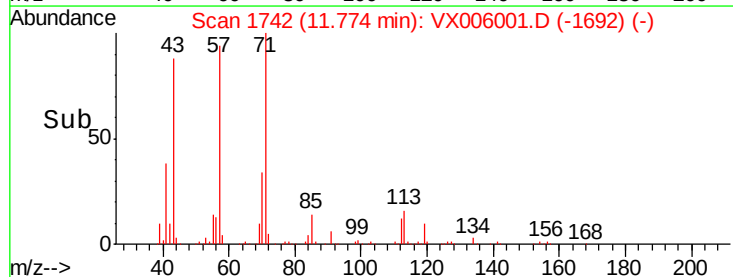
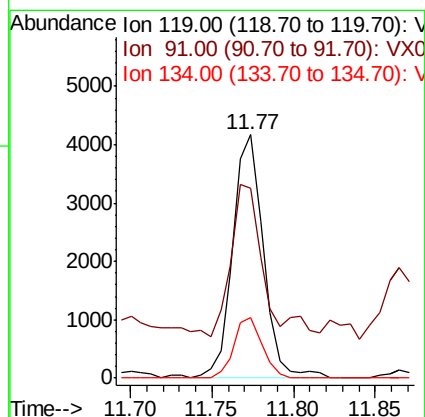
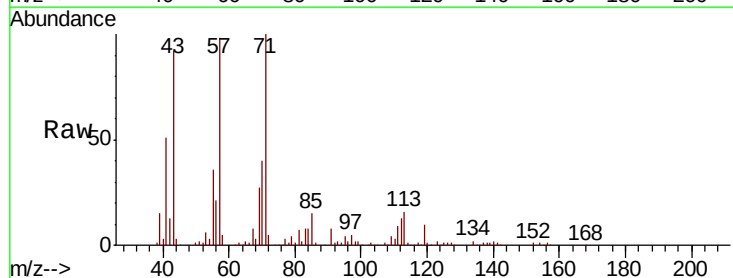
Tgt Ion: 119 Resp: 5461

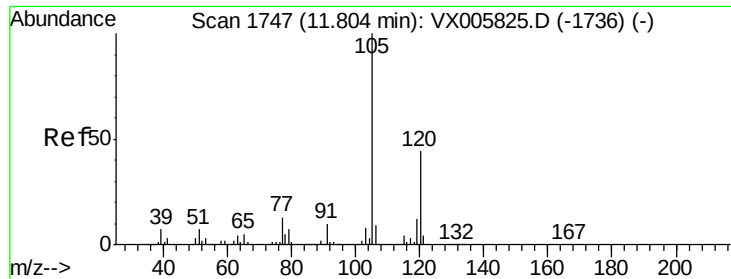
Ion Ratio Lower Upper

119 100

91 0.0 28.5 85.5#

134 0.0 11.3 33.8#

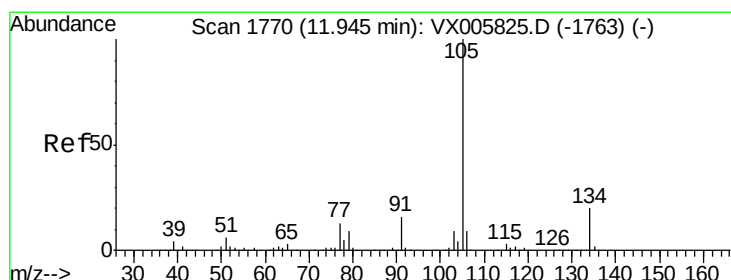
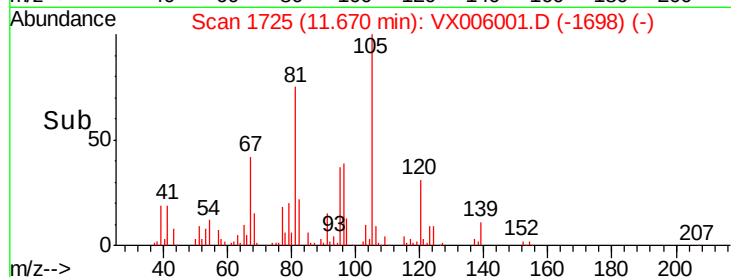
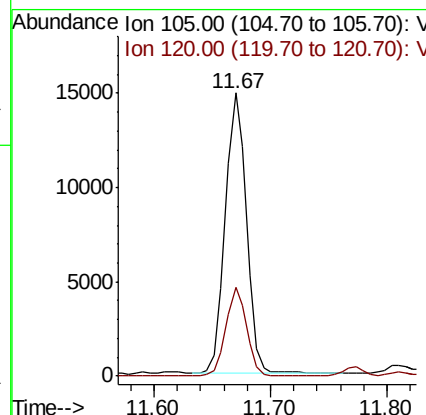
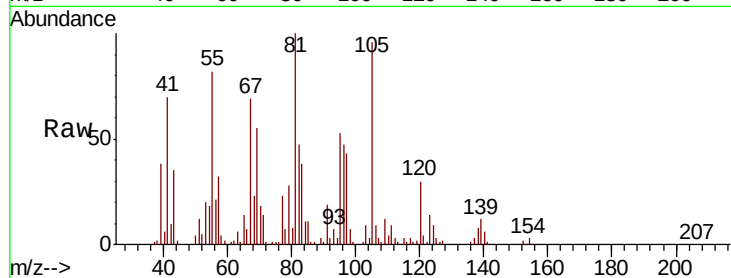




#84
1,2,4-Trimethylbenzene
Concen: 3.834 ug/l
RT: 11.67 min Scan# 1725
Delta R.T. -0.13 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

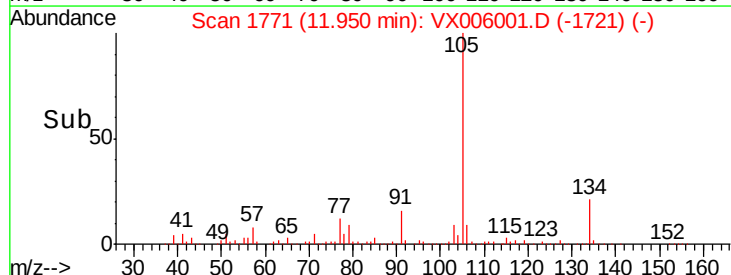
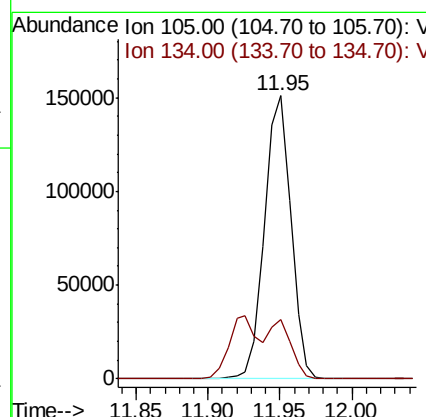
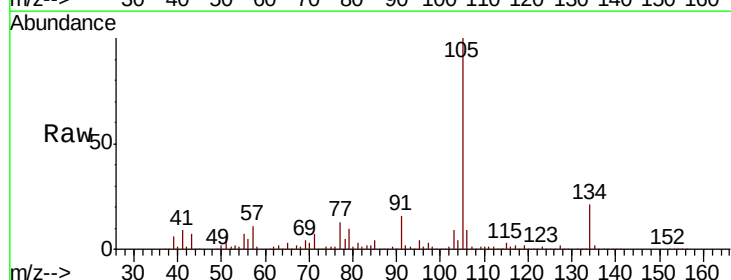
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

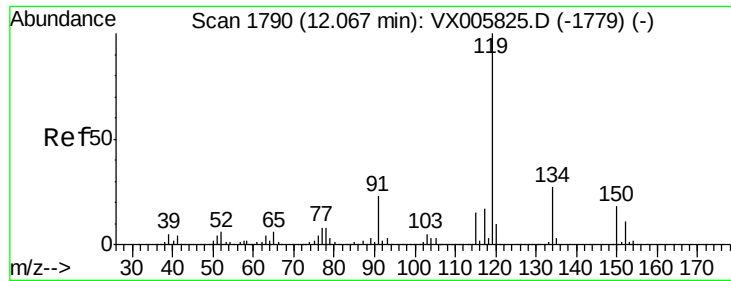
Tot Ion:105 Resp: 18654
Ion Ratio Lower Upper
105 100
120 30.7 22.4 67.0



#85
sec-Butylbenzene
Concen: 35.866 ug/l
RT: 11.95 min Scan# 1771
Delta R.T. 0.01 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion:105 Resp: 190115
Ion Ratio Lower Upper
105 100
134 17.2 10.2 30.4

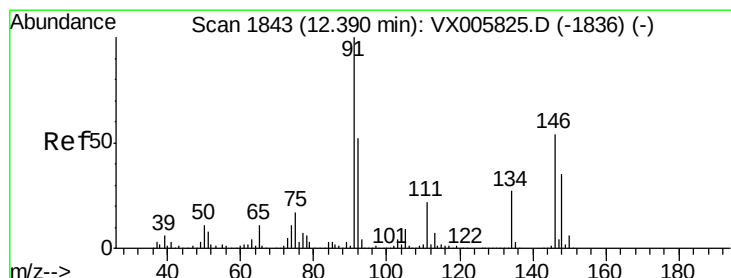
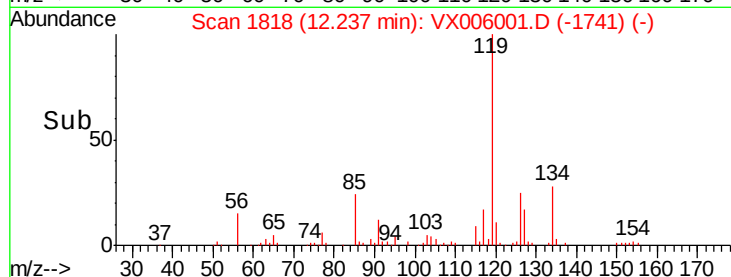
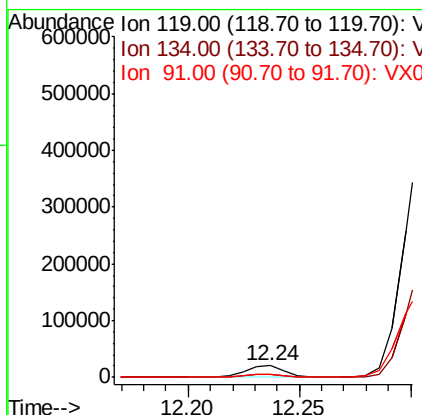
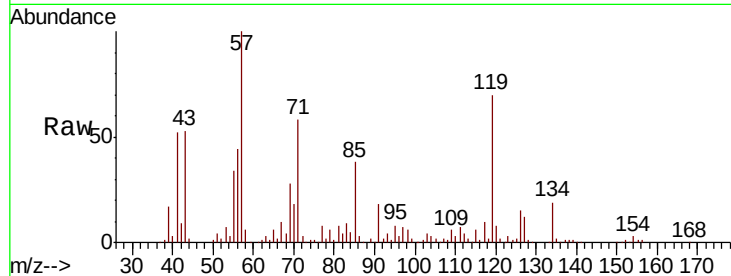




#86
p-Isopropyltoluene
Concen: 5.320 ug/l
RT: 12.24 min Scan# 1818
Delta R.T. 0.17 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

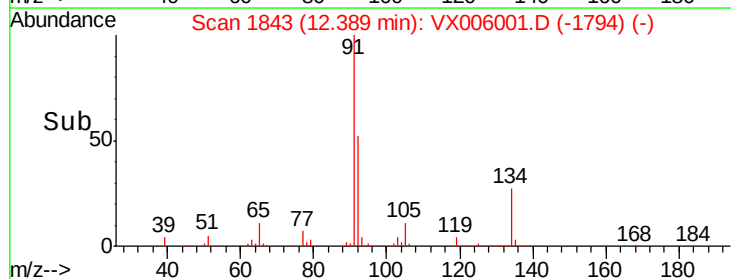
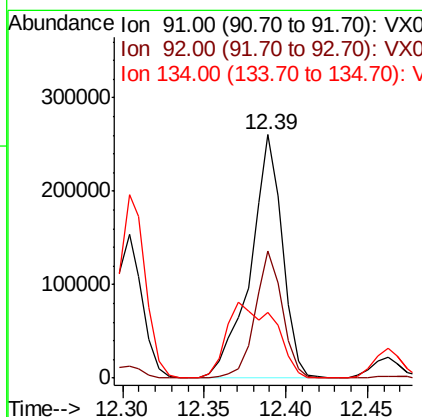
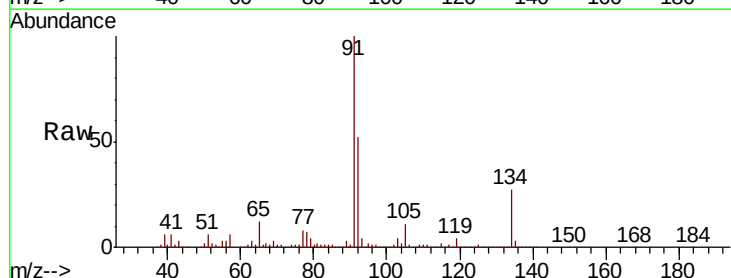
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-109(17-18)ME

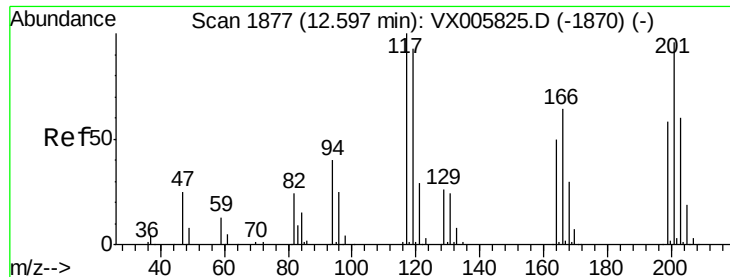
Tot Ion:119 Resp: 24978
Ion Ratio Lower Upper
119 100
134 28.3 13.0 39.0
91 25.3 11.4 34.2



#89
n-Butylbenzene
Concen: 81.025 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006001.D
Acq: 15 Nov 2018 04:07

Tgt Ion: 91 Resp: 352589
Ion Ratio Lower Upper
91 100
92 44.9 26.1 78.2
134 47.4 13.1 39.3#





#90

Hexachloroethane

Concen: 242.288 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

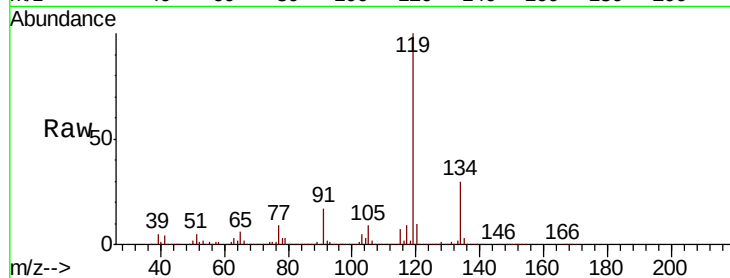
EP2-SB-109(17-18)ME

Tot Ion:117 Resp: 189930

Ion Ratio Lower Upper

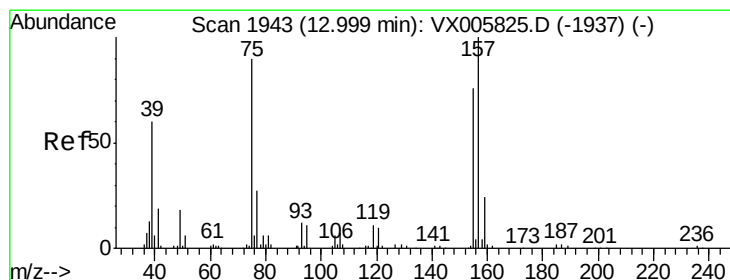
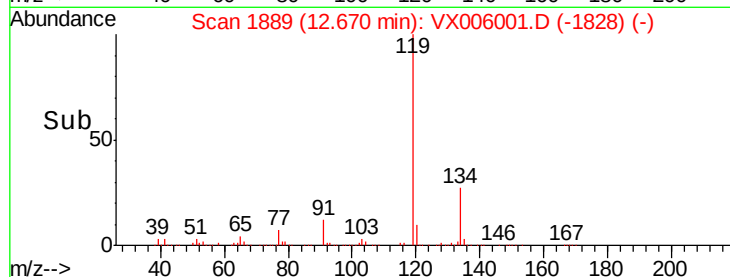
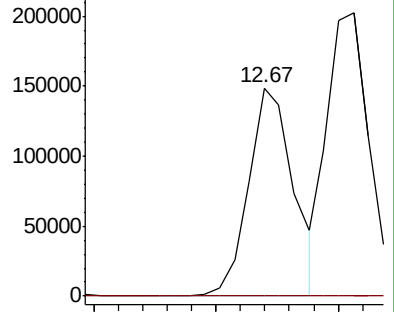
117 100

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: 18.970 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

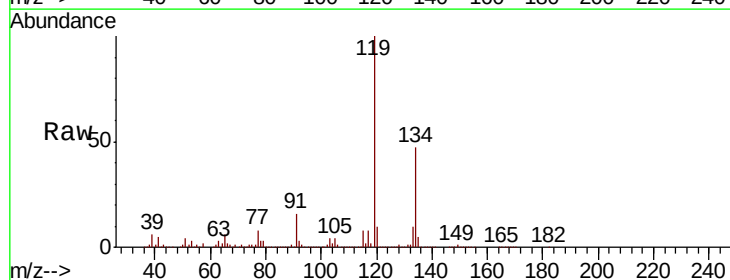
Tgt Ion: 75 Resp: 8567

Ion Ratio Lower Upper

75 100

155 2.2 45.4 136.1#

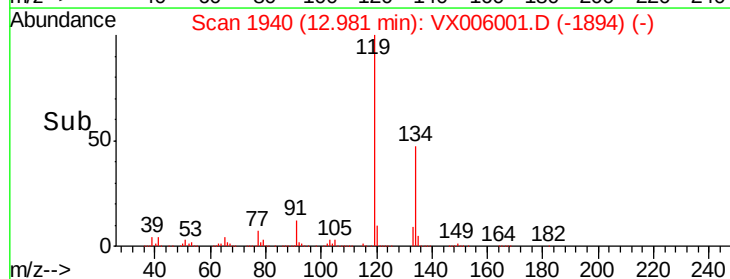
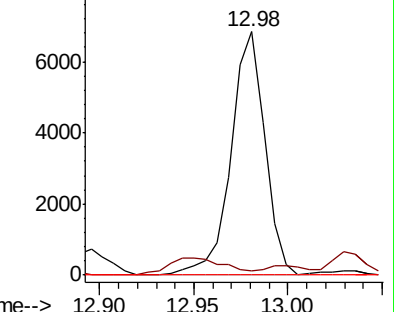
157 0.0 57.4 172.0#

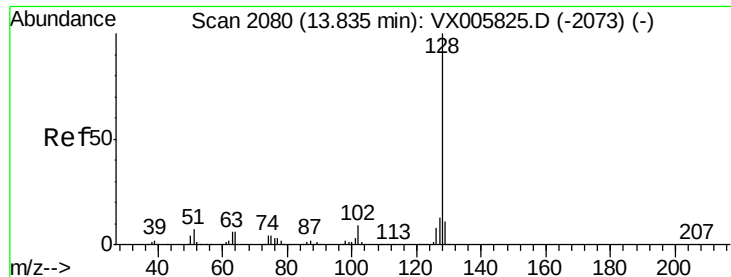


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.060 ug/l

RT: 13.81 min Scan# 2076

Delta R.T. -0.02 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-109(17-18)ME

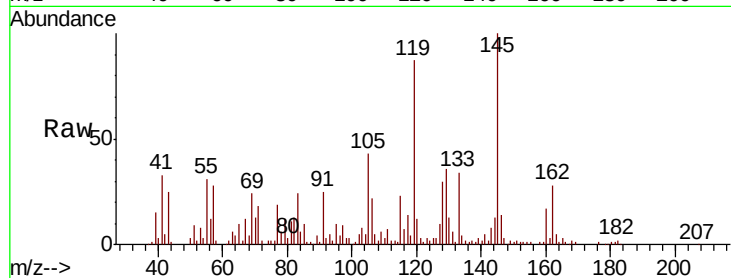
Tot Ion:128 Resp: 5667

Ion Ratio Lower Upper

128 100

127 32.7 10.4 15.6#

129 133.4 8.7 13.1#

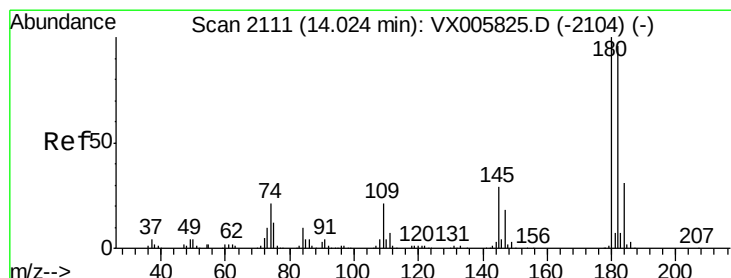
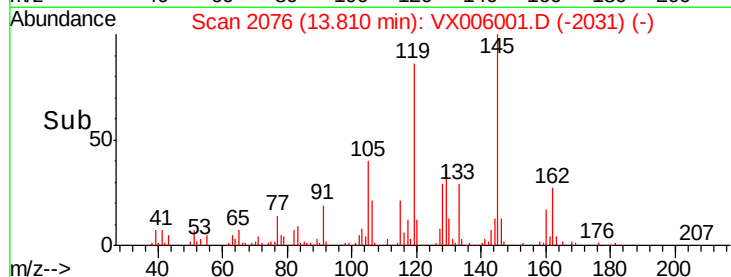
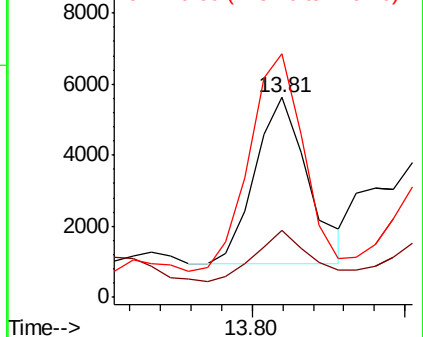


Abundance

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: 0.217 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006001.D

Acq: 15 Nov 2018 04:07

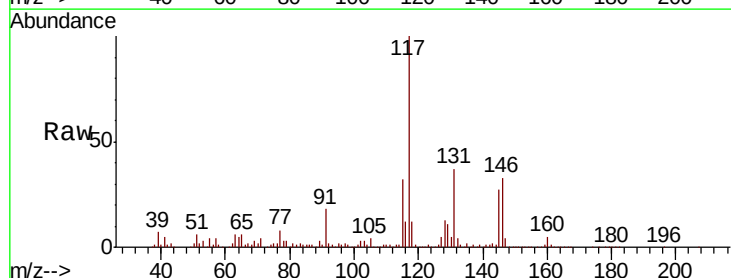
Tgt Ion:180 Resp: 425

Ion Ratio Lower Upper

180 100

182 39.5 48.0 144.2#

145 10210.4 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

