

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX006003.D
 Acq On : 15 Nov 2018 05:00
 Operator : JC/MD
 Sample : J5860-25ME 20X
 Misc : 5.02g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

Quant Time: Nov 15 06:12:08 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	149376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	214104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89521	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77921	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.50	113	67844	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	8.71	98	228856	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.14	95	85146	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds					Qvalue
5) Bromomethane	1.64	94	233	0.215 ug/l	85
11) Tert butyl alcohol	3.03	59	1400	2.846 ug/l #	72
13) Acrolein	2.28	56	132	19.683 ug/l #	1
15) Acrylonitrile	3.18	53	451	0.442 ug/l #	29
16) Acetone	2.45	43	332	0.359 ug/l #	88
18) Methyl Acetate	2.78	43	1790	Below Cal	96
20) Methylene Chloride	2.85	84	1059	0.697 ug/l	96
30) Chloroform	5.21	83	4015	1.510 ug/l	84
31) Cyclohexane	5.59	56	46872	19.593 ug/l #	71
36) 1,1-Dichloropropene	5.66	75	10127	4.906 ug/l #	49
38) Carbon Tetrachloride	5.67	117	13145	6.362 ug/l #	15
39) Methylcyclohexane	7.46	83	203362	97.212 ug/l	97
41) Methacrylonitrile	5.07	41	1050	0.716 ug/l #	51
43) Isopropyl Acetate	6.46	43	4233	1.076 ug/l #	63
46) Dibromomethane	7.64	93	388	0.423 ug/l #	1
47) Bromodichloromethane	7.84	83	3032	1.751 ug/l #	67
48) Methyl methacrylate	7.73	41	14177	8.028 ug/l #	52
51) 4-Methyl-2-Pentanone	8.66	43	18458	7.447 ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	55158	36.803 ug/l #	17
56) Ethyl methacrylate	9.16	69	17169	7.656 ug/l #	6
58) 2-Chloroethyl Vinyl ether	8.34	63	560	8.721 ug/l #	48
59) 2-Hexanone	9.44	43	79450	36.364 ug/l #	31
65) Chlorobenzene	10.07	112	783	0.204 ug/l #	42
67) Ethyl Benzene	10.25	91	90393	14.697 ug/l	99
68) m/p-Xylenes	10.36	106	7653	3.262 ug/l	87
73) Isopropylbenzene	11.02	105	44537	8.603 ug/l	99
74) N-amyl acetate	10.91	43	28779	10.911 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	4231	2.227 ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	41177	22.589 ug/l #	38
78) n-propylbenzene	11.36	91	164489	26.960 ug/l	98
79) 2-Chlorotoluene	11.46	91	8173	2.216 ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	20362	4.628 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	41177	71.996 ug/l #	13
82) 4-Chlorotoluene	11.46	91	8173	1.881 ug/l #	47

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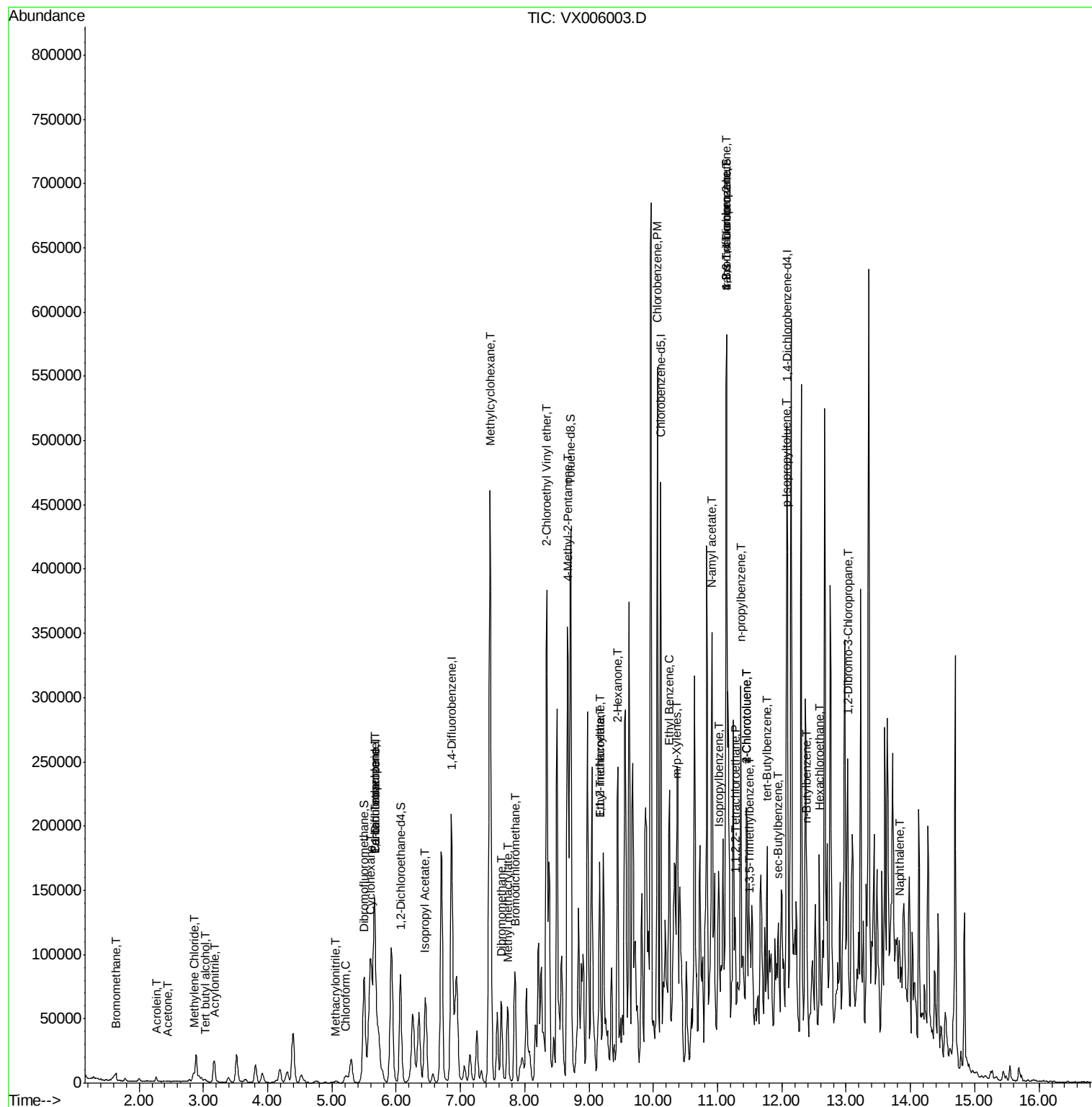
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	1951	0.438	ug/l	97
85) sec-Butylbenzene	11.94	105	16621	3.054	ug/l #	56
86) p-Isopropyltoluene	12.07	119	12309	2.553	ug/l	94
89) n-Butylbenzene	12.39	91	54461	12.189	ug/l #	74
90) Hexachloroethane	12.58	117	5401	6.710	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	589	1.270	ug/l #	31
95) Naphthalene	13.83	128	24748	4.929	ug/l #	90

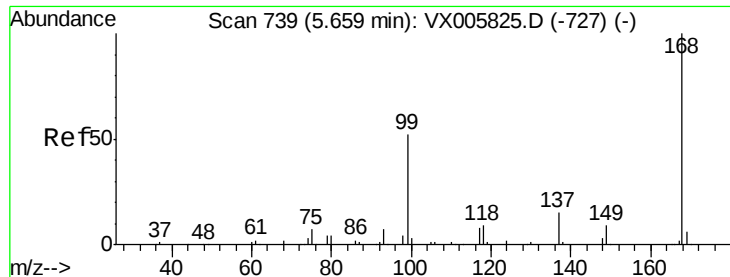
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

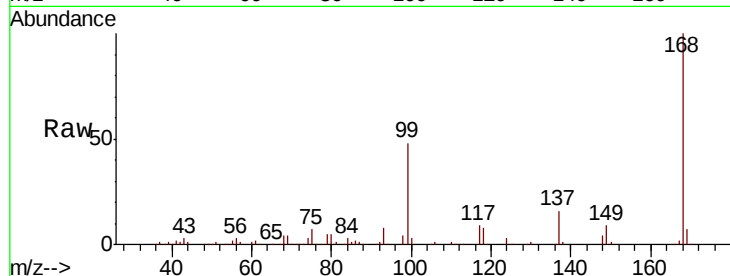
EP2-SB-111(17-19)ME

Tot Ion:168 Resp: 149376

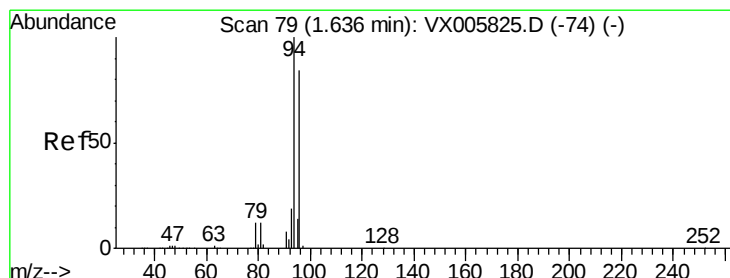
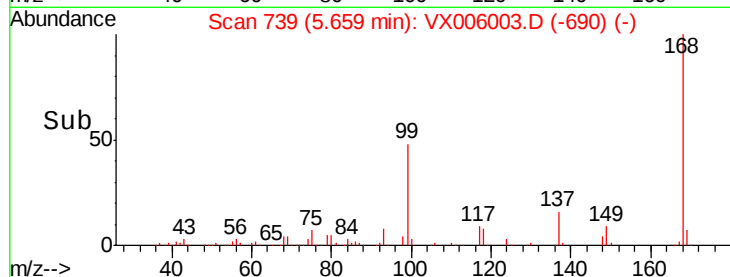
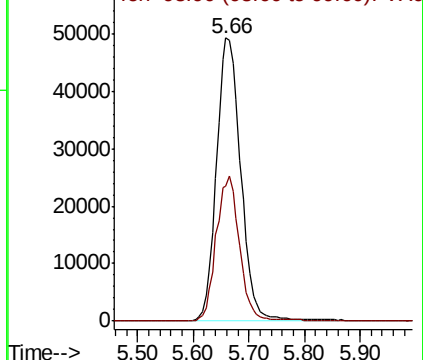
Ion Ratio Lower Upper

168 100

99 47.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX006003.D (-690) (-)



#5

Bromomethane

Concen: 0.215 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006003.D

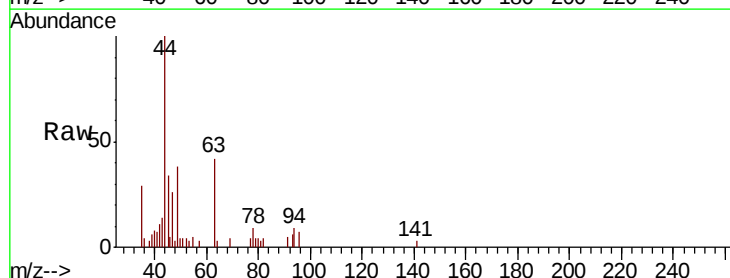
Acq: 15 Nov 2018 05:00

Tgt Ion: 94 Resp: 233

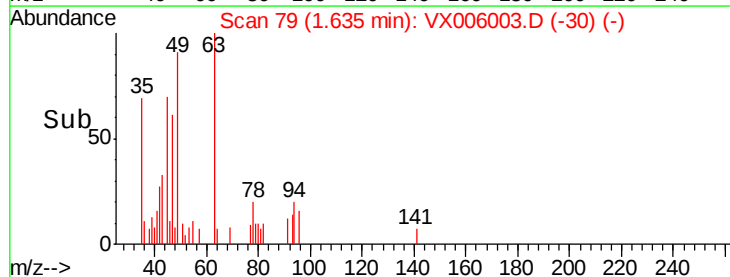
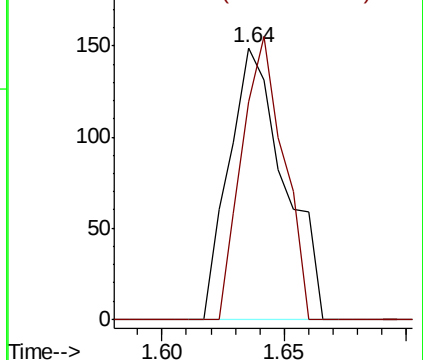
Ion Ratio Lower Upper

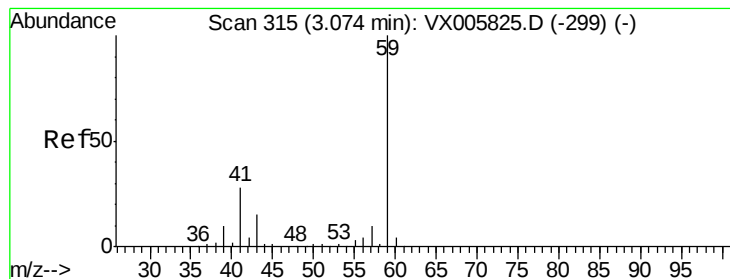
94 100

96 79.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX006003.D (-30) (-)



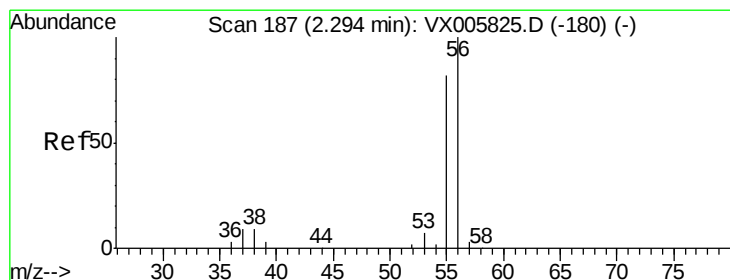
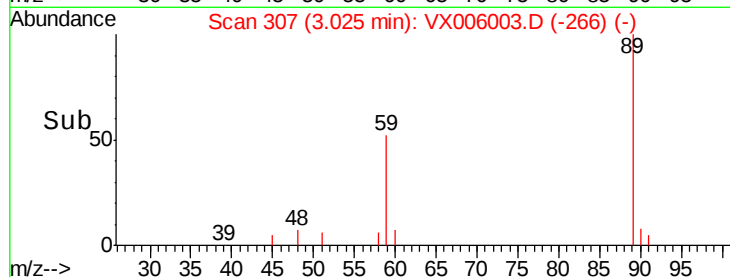
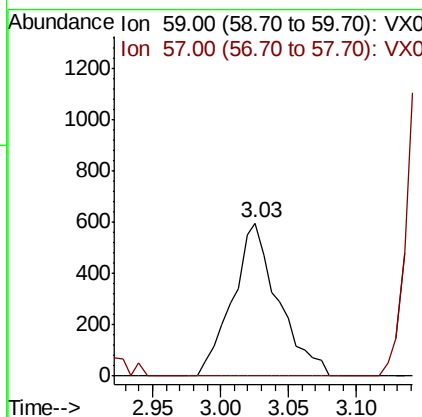
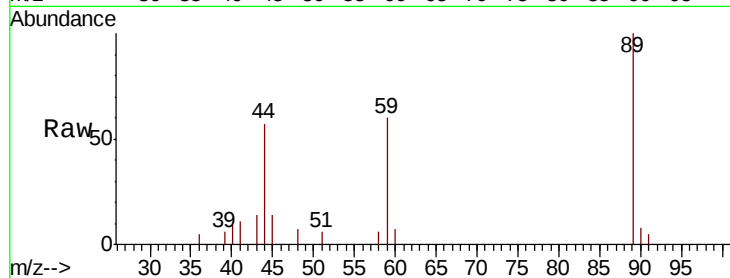


#11

Tert butyl alcohol
 Concen: 2.846 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

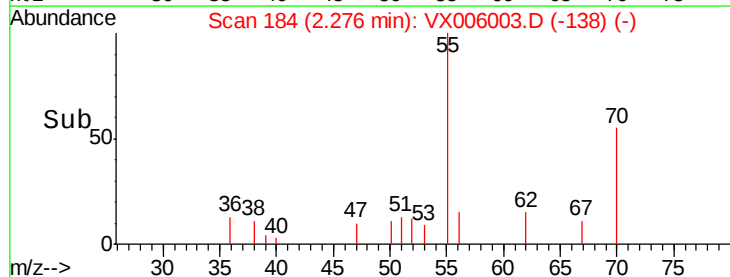
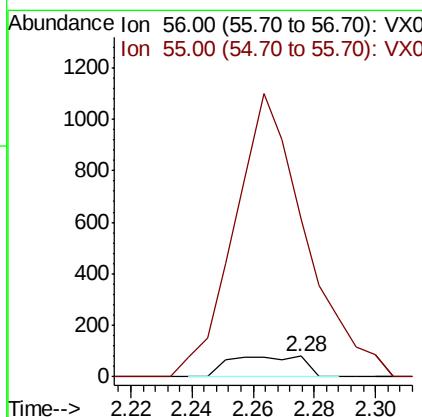
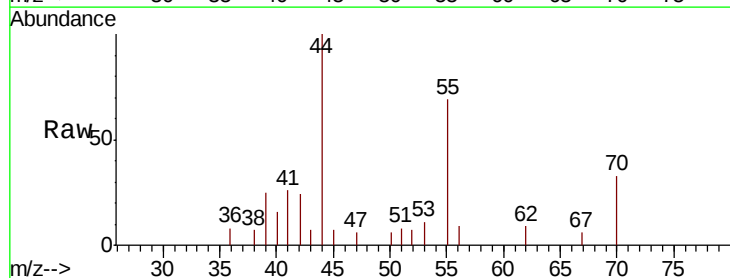
Tot Ion: 59 Resp: 1400
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

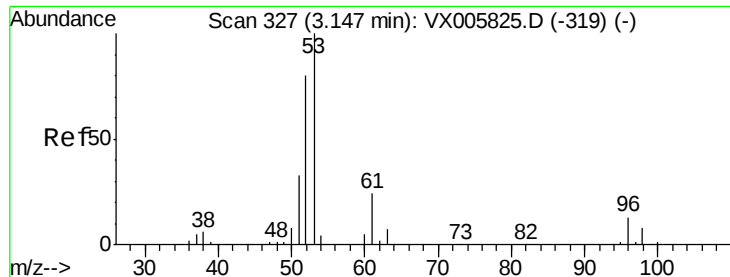


#13

Acrolein
 Concen: 19.683 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Tgt Ion: 56 Resp: 132
 Ion Ratio Lower Upper
 56 100
 55 1346.2 57.3 85.9#





#15

Acrylonitrile

Concen: 0.442 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.03 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

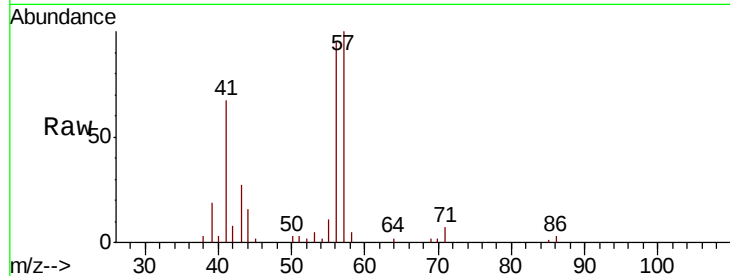
Tot Ion: 53 Resp: 451

Ion Ratio Lower Upper

53 100

52 9.3 66.6 99.8#

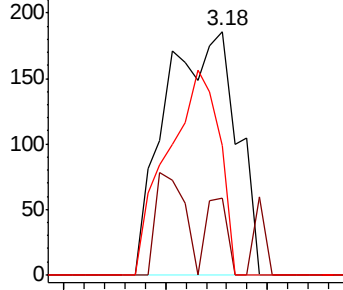
51 61.4 28.4 42.6#



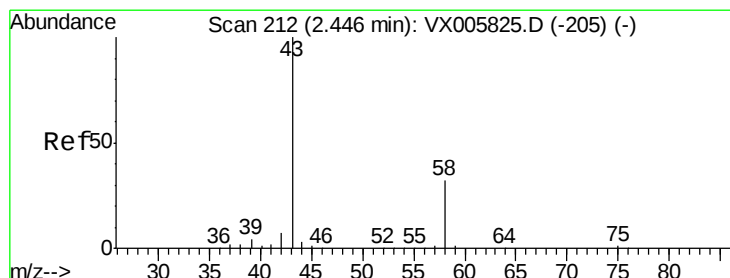
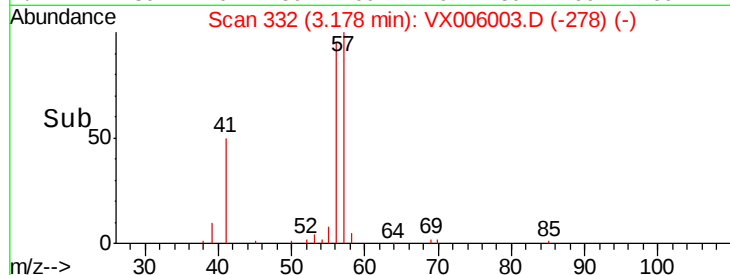
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.359 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006003.D

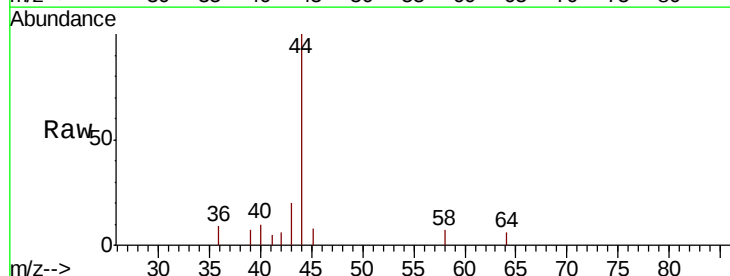
Acq: 15 Nov 2018 05:00

Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

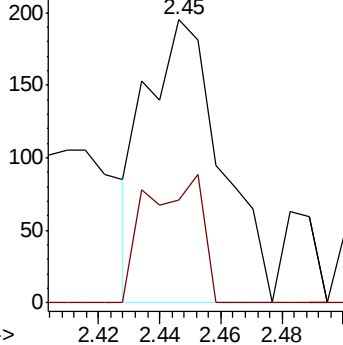
43 100

58 36.4 23.8 35.6#

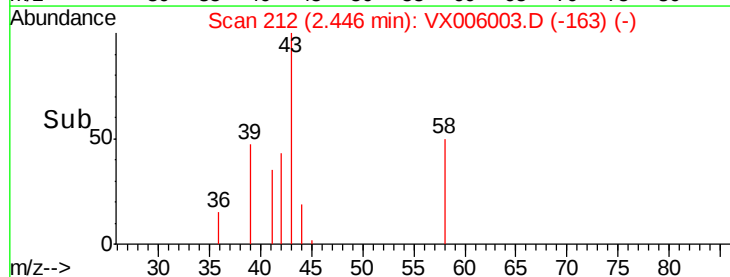


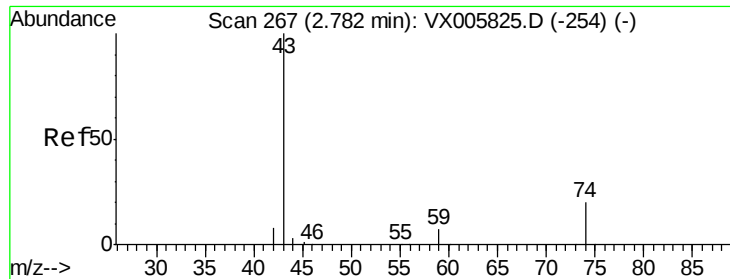
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

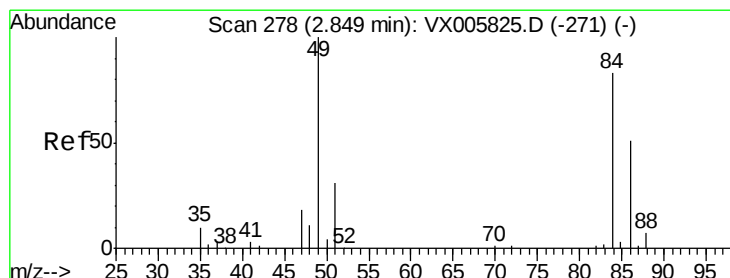
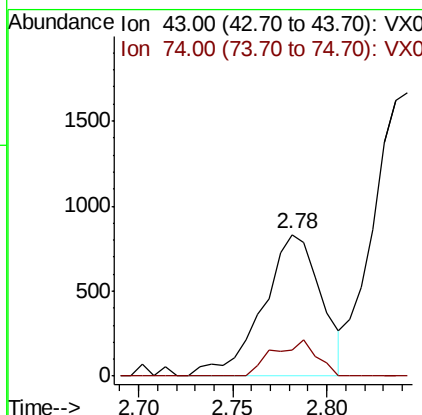
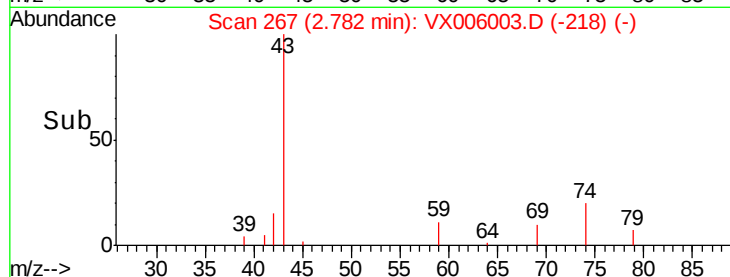
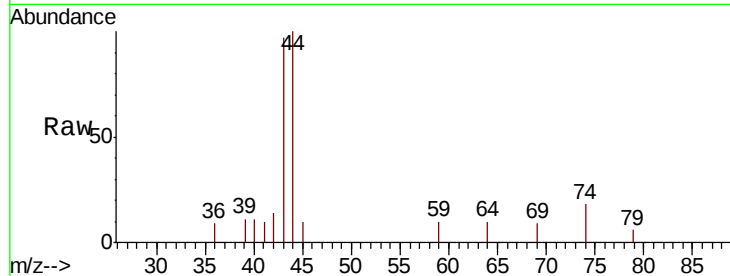




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

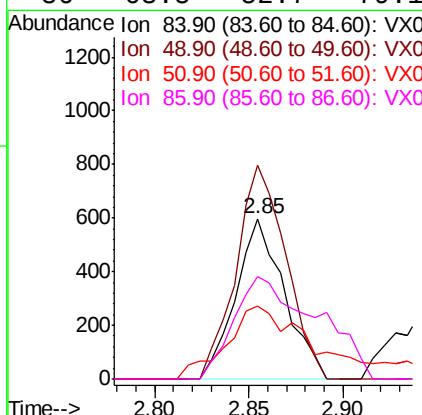
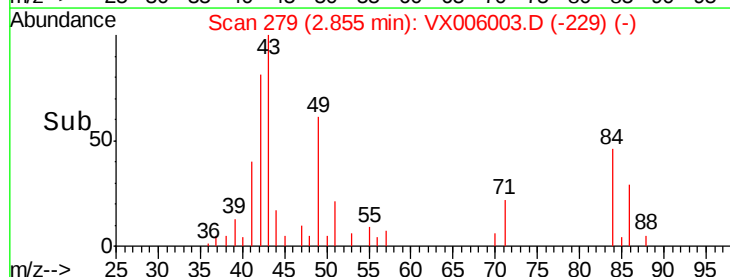
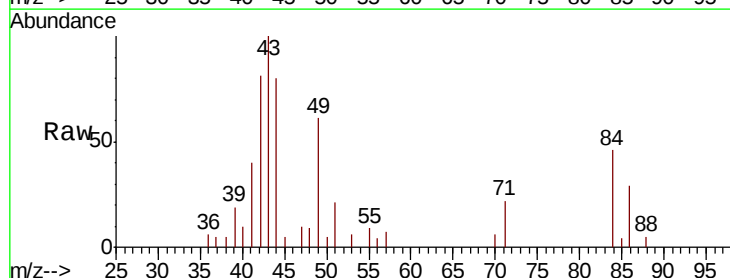
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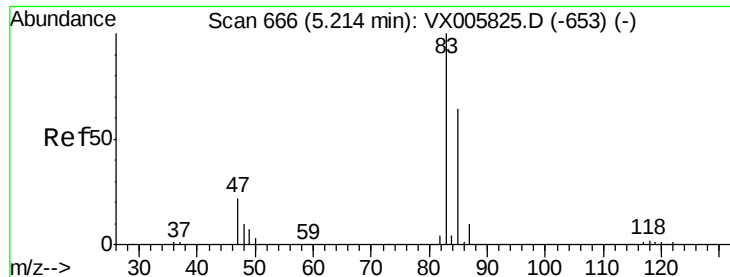
Tot Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
74 19.0 16.8 25.2



#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 133.1 109.5 164.3
51 36.5 33.3 49.9
86 63.5 52.7 79.1

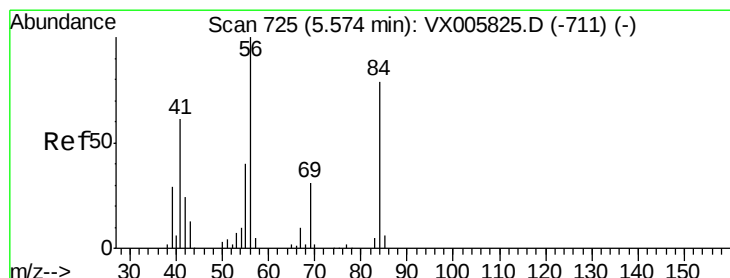
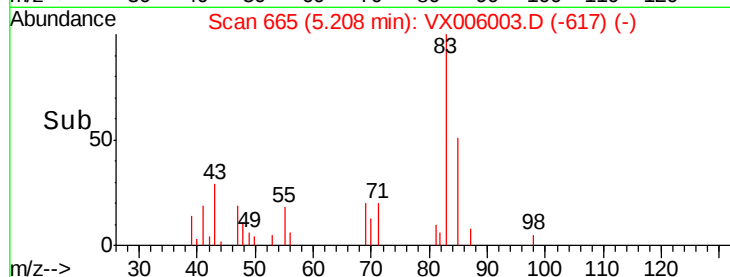
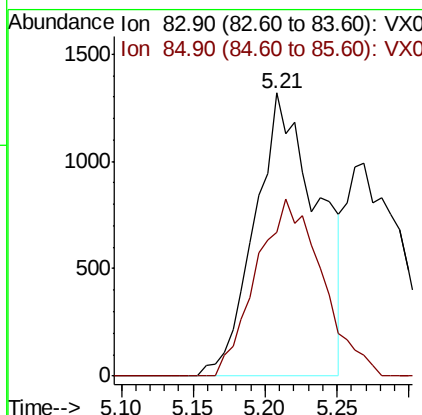
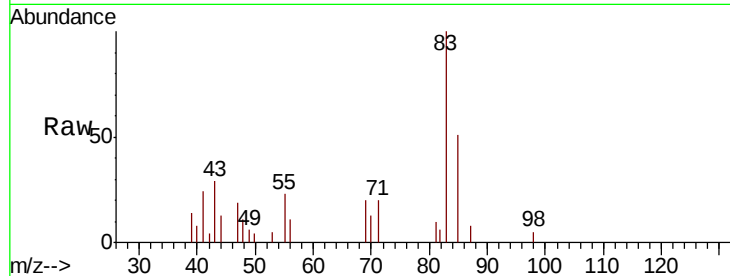




#30
Chloroform
Concen: 1.510 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

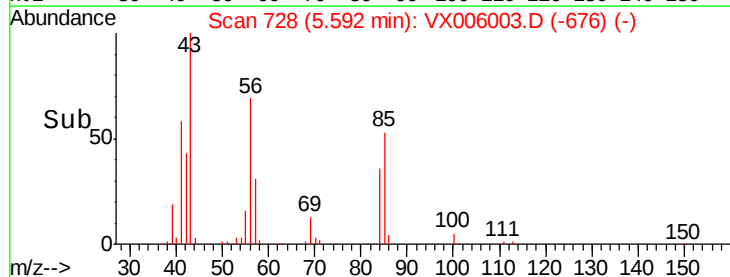
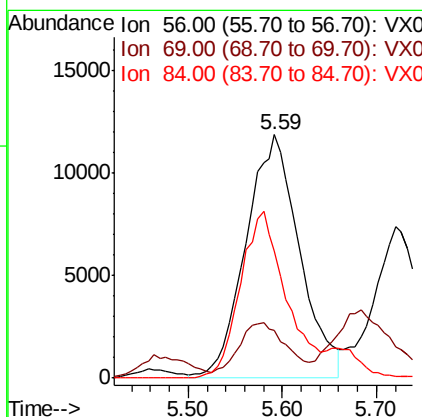
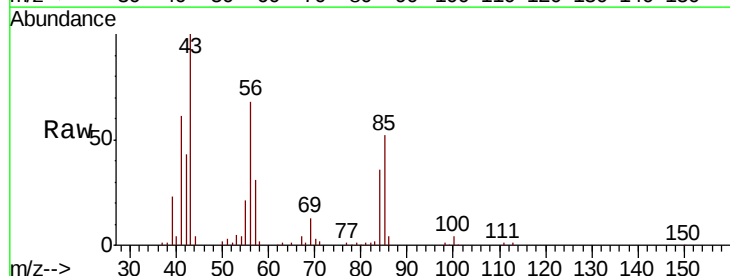
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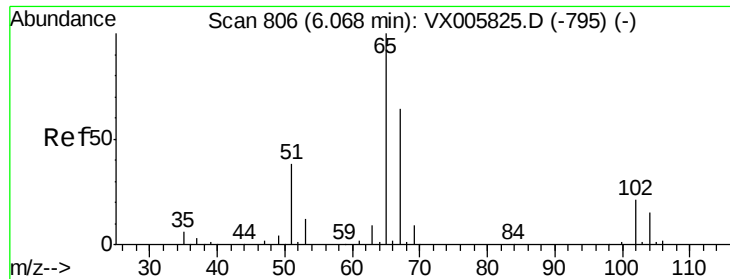
Tot Ion: 83 Resp: 4015
Ion Ratio Lower Upper
83 100
85 50.8 50.6 76.0



#31
Cyclohexane
Concen: 19.593 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.02 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 56 Resp: 46872
Ion Ratio Lower Upper
56 100
69 13.9 22.6 34.0#
84 52.8 62.7 94.1#

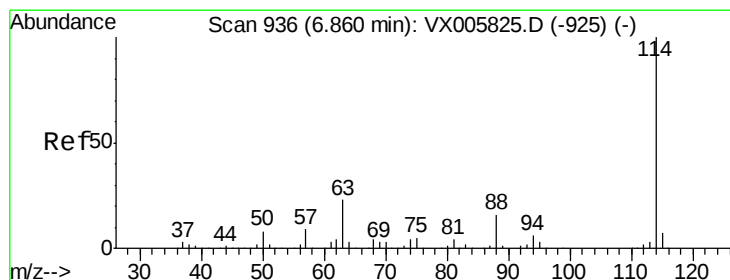
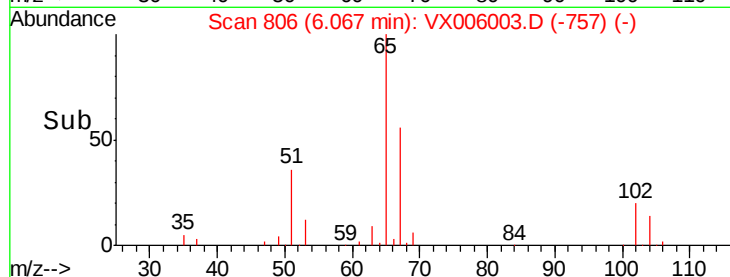
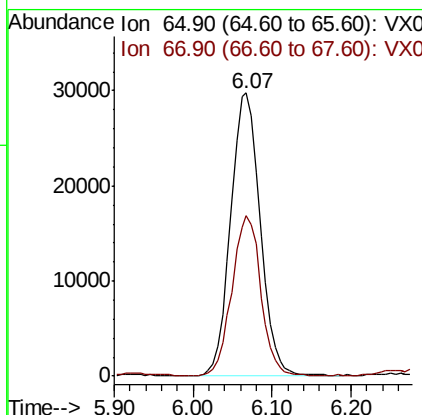
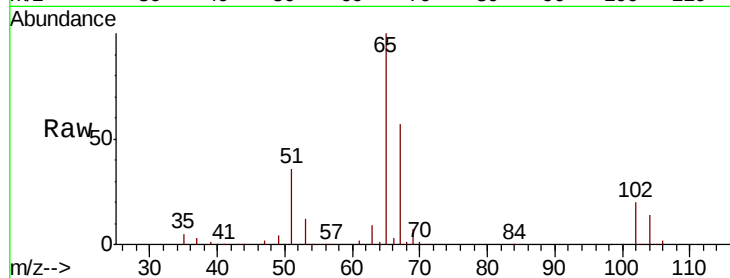




#33
 1,2-Dichloroethane-d4
 Concen: 45.375 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

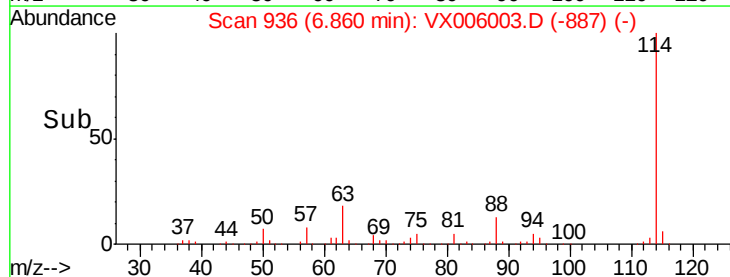
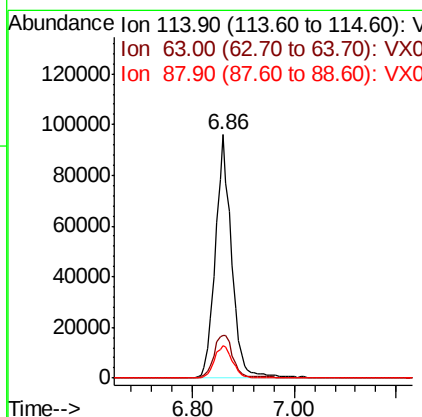
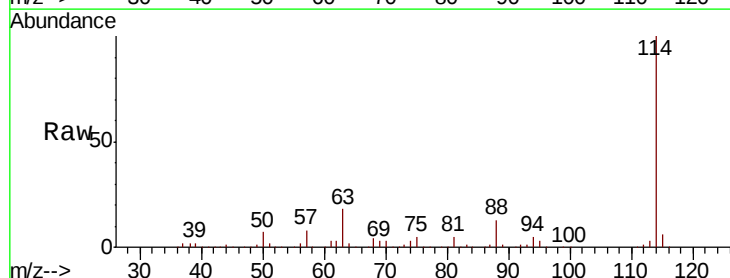
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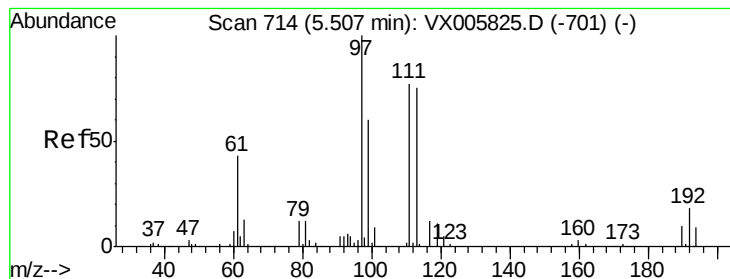
Tot Ion: 65 Resp: 77921
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Tgt Ion: 114 Resp: 214104
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.8
 88 13.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.589 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

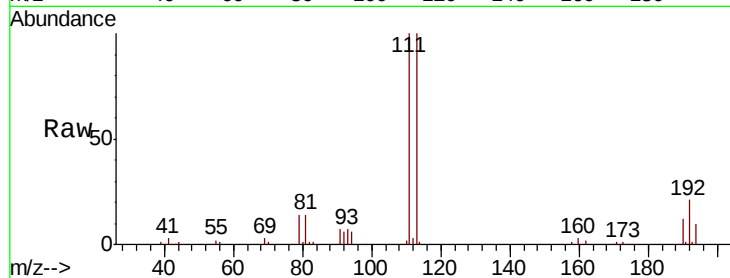
Tot Ion:113 Resp: 67844

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

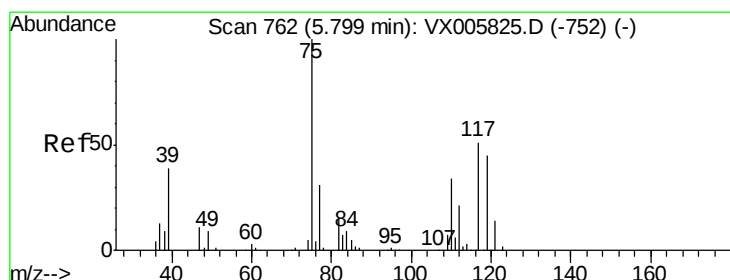
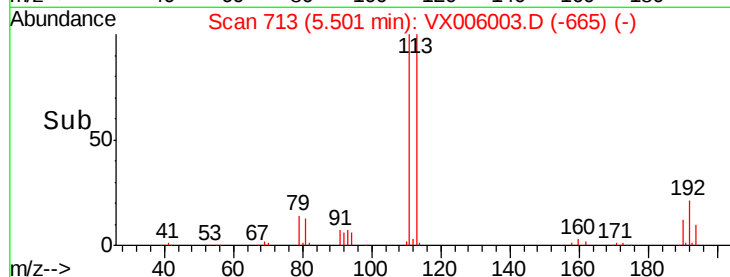
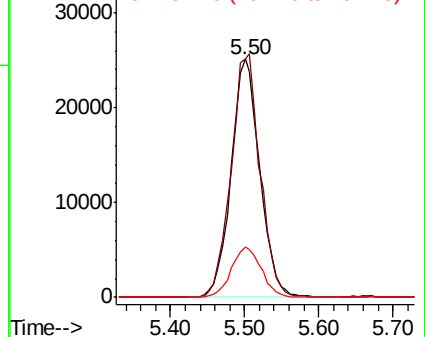
192 22.0 17.9 26.9



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: 4.906 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

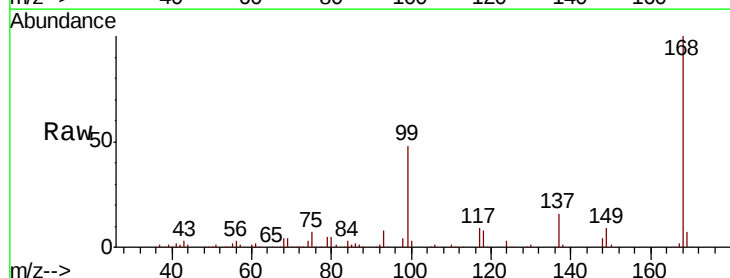
Tgt Ion: 75 Resp: 10127

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

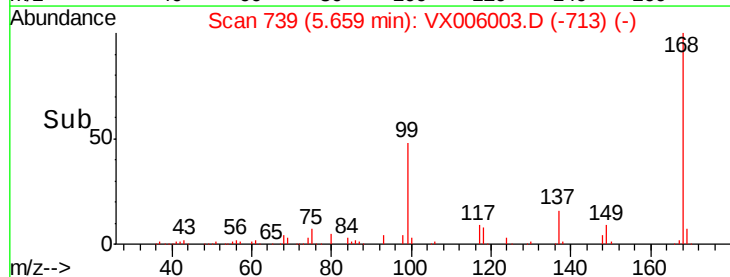
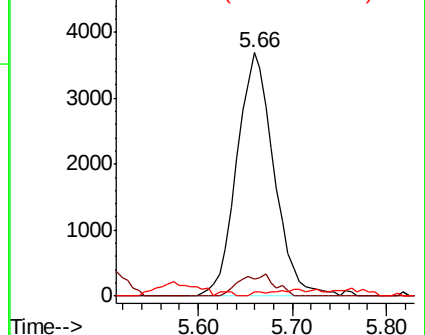
77 0.0 25.8 38.6#

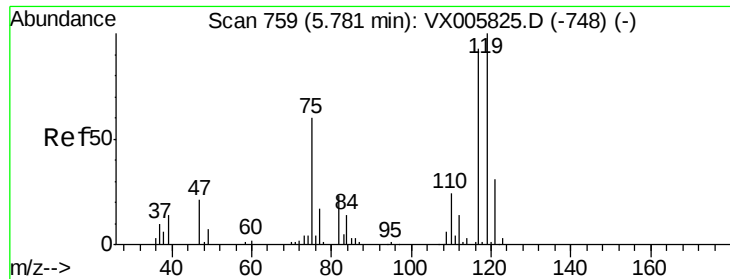


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

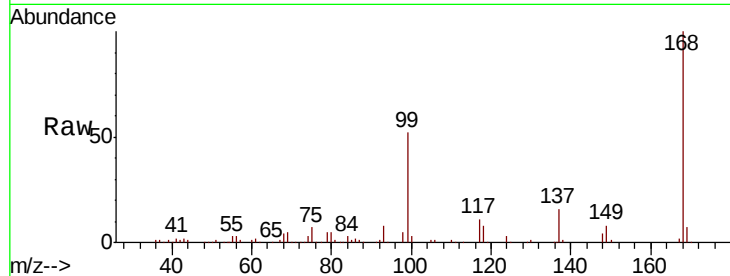
Tot Ion:117 Resp: 13145

Ion Ratio Lower Upper

117 100

119 4.7 78.1 117.1#

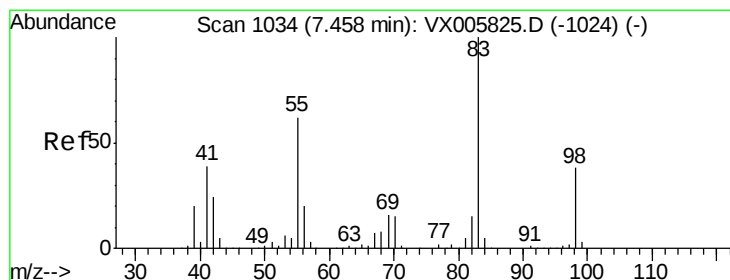
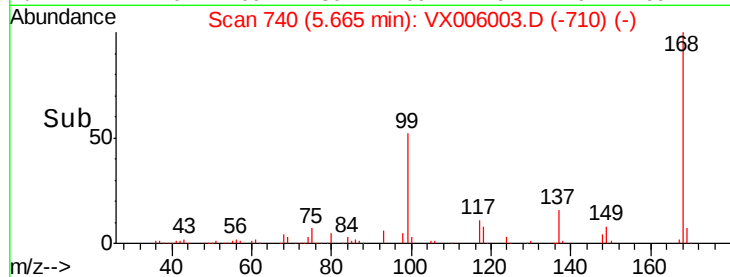
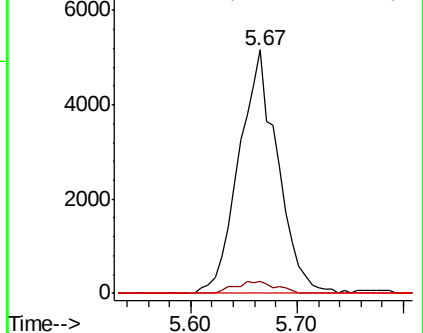
121 0.0 24.6 36.8#



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

Methylcyclohexane

Concen: 97.212 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

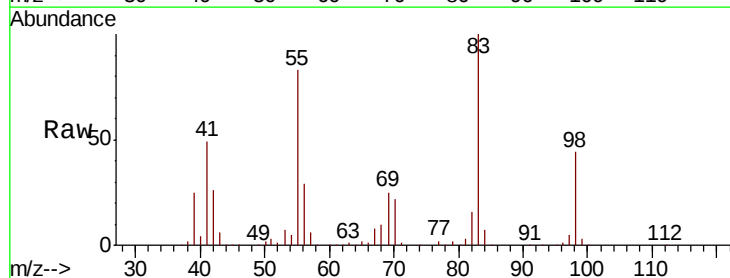
Tgt Ion: 83 Resp: 203362

Ion Ratio Lower Upper

83 100

55 82.6 63.7 95.5

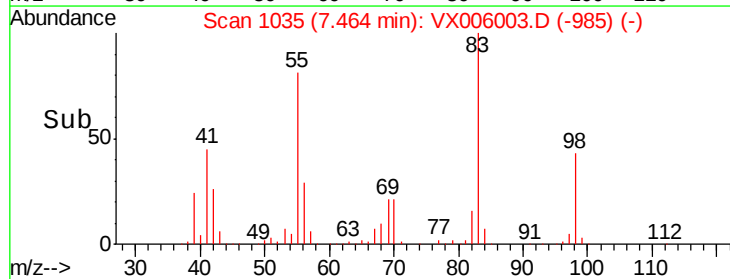
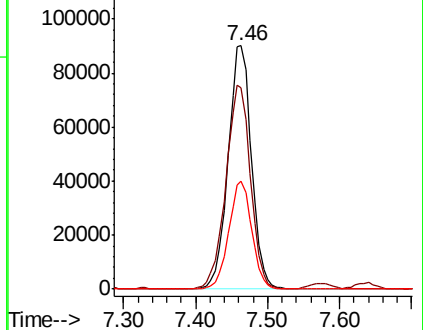
98 44.4 36.2 54.2

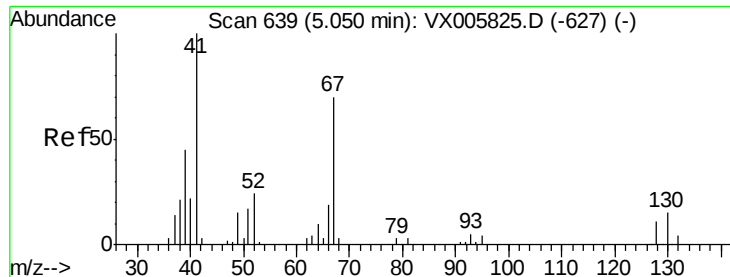


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

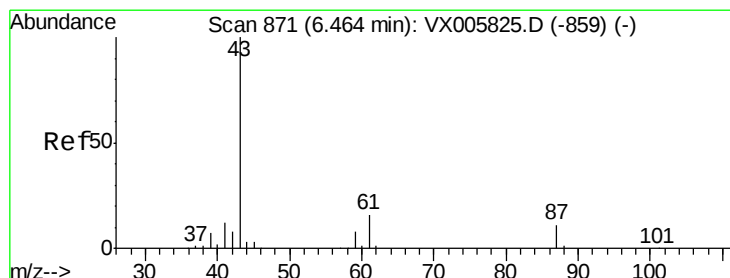
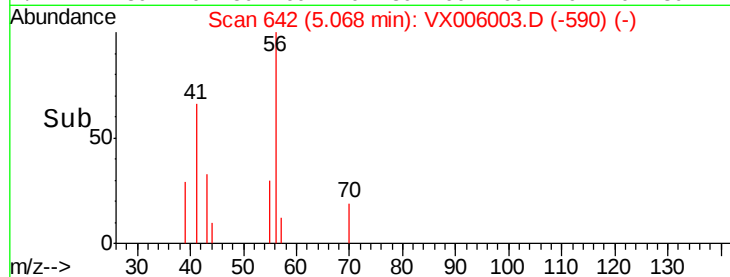
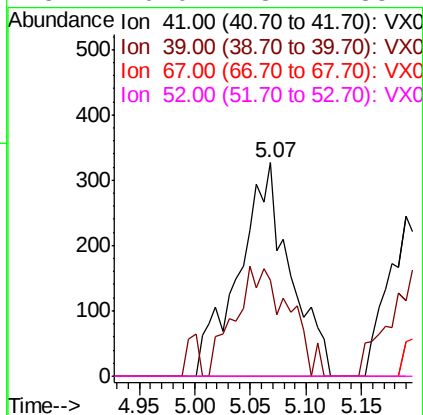
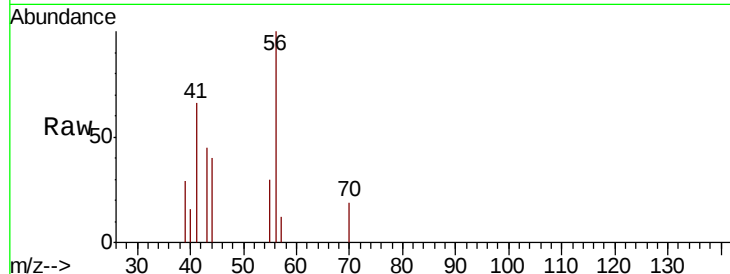




#41
Methacrylonitrile
Concen: 0.716 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.02 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

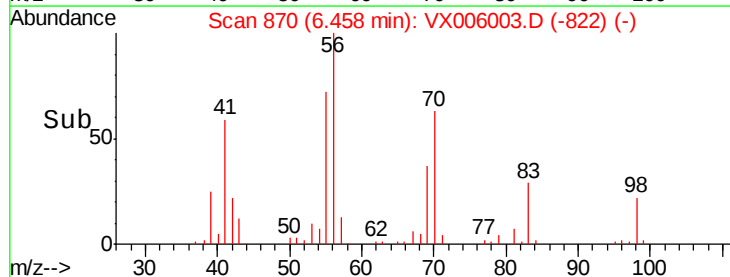
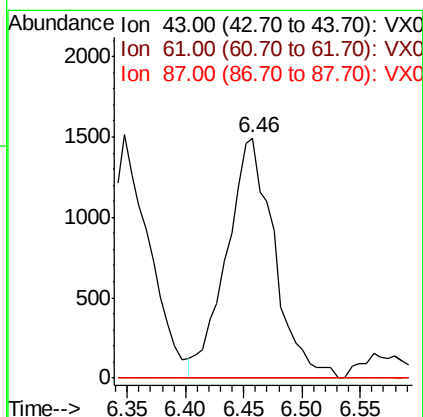
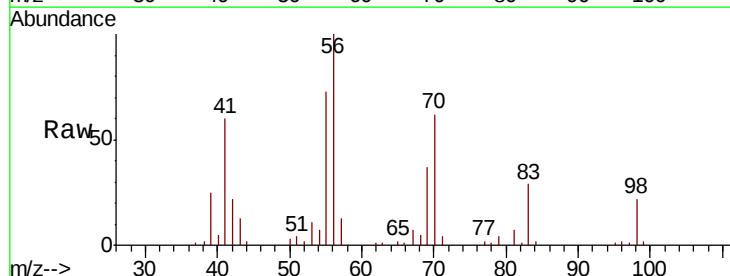
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

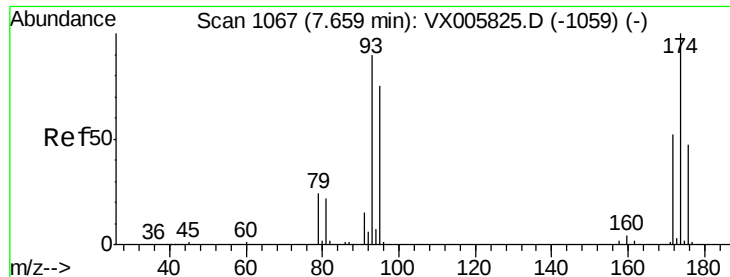
Tot Ion:	41	Resp:	1050
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.2	63.2
67	0.0	53.4	80.0#
52	0.0	23.4	35.2#



#43
Isopropyl Acetate
Concen: 1.076 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion:	43	Resp:	4233
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.6	22.0#
87	0.0	9.6	14.4#





#46

Dibromomethane

Concen: 0.423 ug/l

RT: 7.64 min Scan# 1064

Delta R.T. -0.02 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

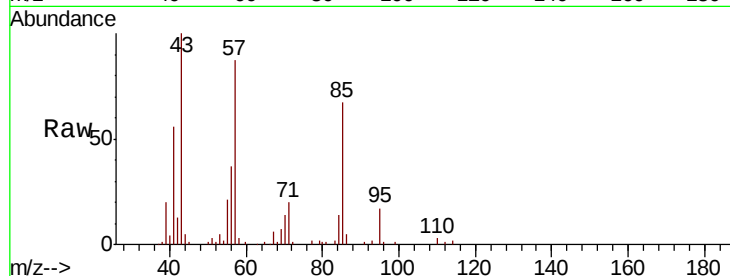
Tot Ion: 93 Resp: 388

Ion Ratio Lower Upper

93 100

95 1048.7 67.4 101.0#

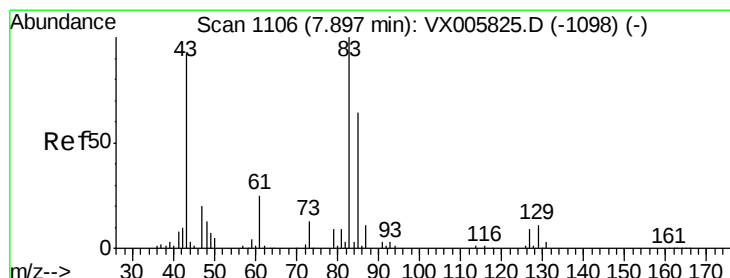
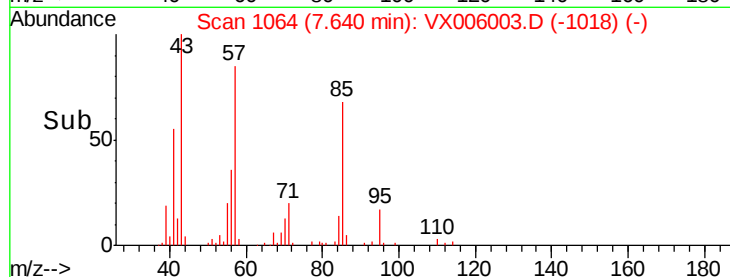
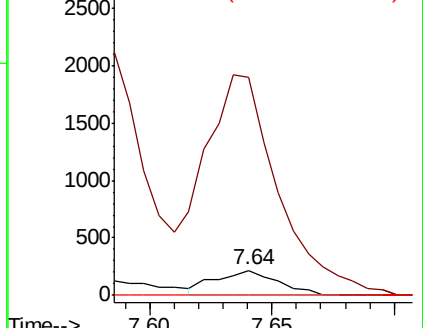
174 0.0 91.5 137.3#



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: 1.751 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.06 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

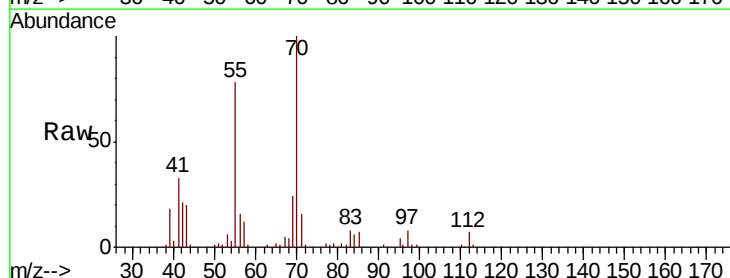
Tgt Ion: 83 Resp: 3032

Ion Ratio Lower Upper

83 100

85 89.6 50.2 75.4#

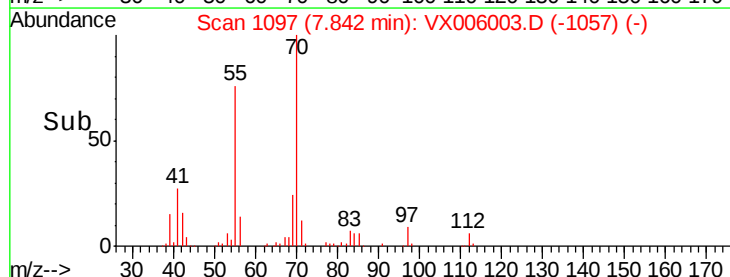
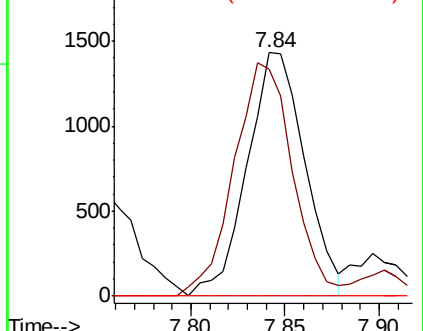
127 0.0 6.9 10.3#

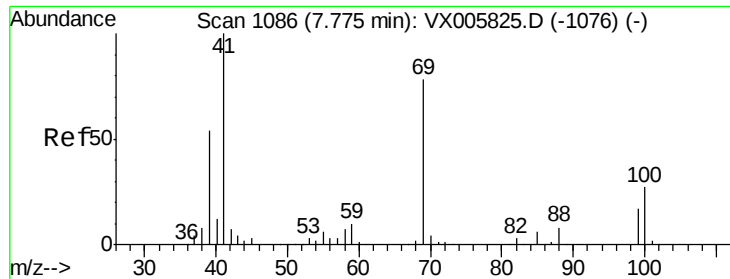


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

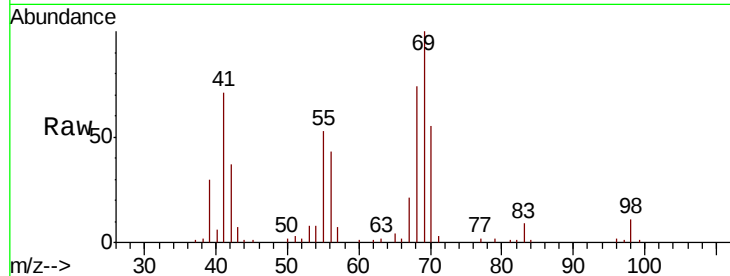




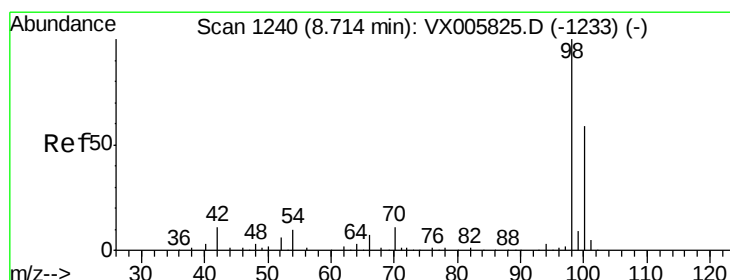
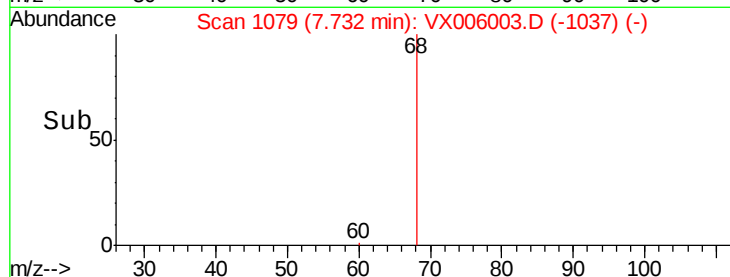
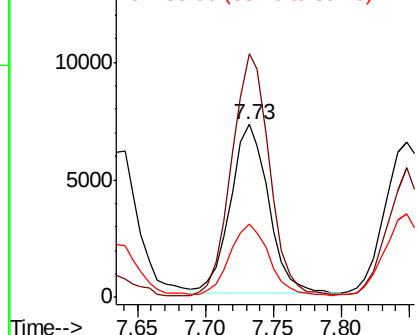
#48
Methvl methacrylate
Concen: 8.028 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

Tot Ion: 41 Resp: 14177
Ion Ratio Lower Upper
41 100
69 141.4 63.2 94.8#
39 43.2 42.2 63.2

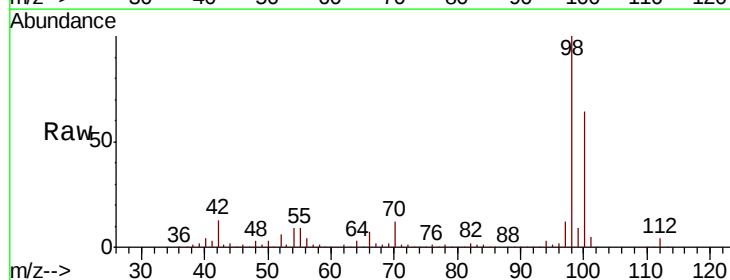


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

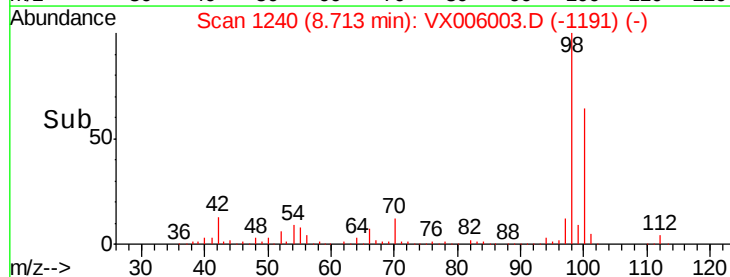
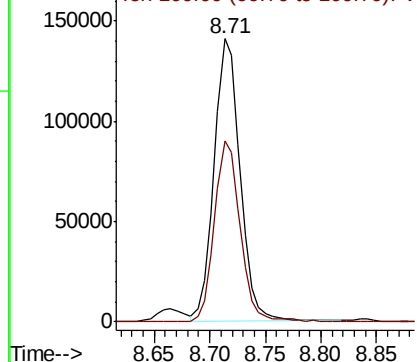


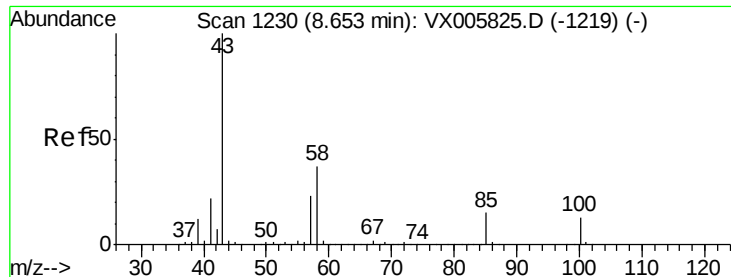
#50
Toluene-d8
Concen: 47.271 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 98 Resp: 228856
Ion Ratio Lower Upper
98 100
100 63.9 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: 7.447 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

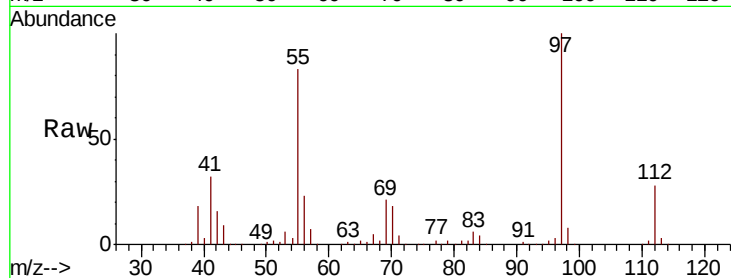
EP2-SB-111(17-19)ME

Tot Ion: 43 Resp: 18458

Ion Ratio Lower Upper

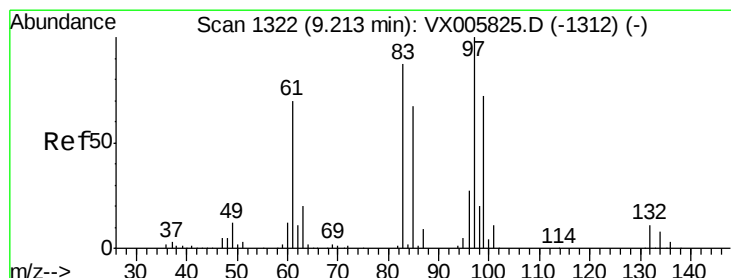
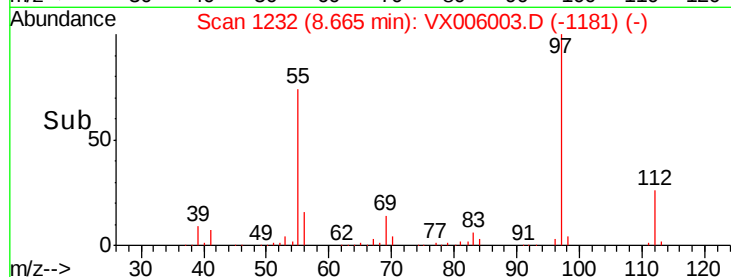
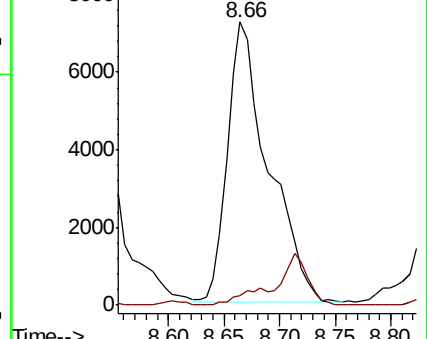
43 100

58 4.2 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 36.803 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Tgt Ion: 97 Resp: 55158

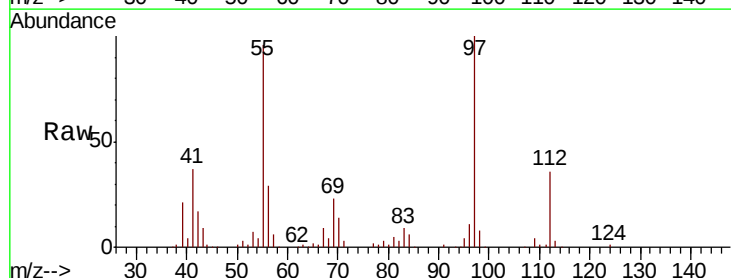
Ion Ratio Lower Upper

97 100

83 7.7 70.7 106.1#

85 0.4 45.8 68.6#

99 0.3 51.8 77.8#

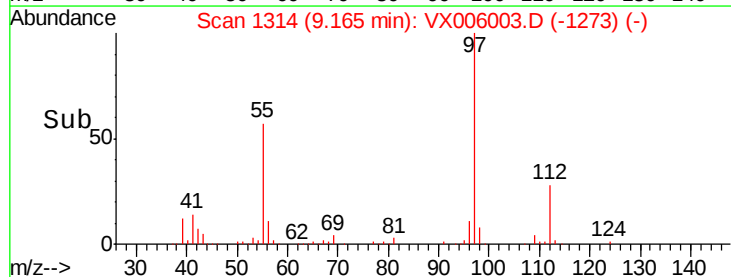
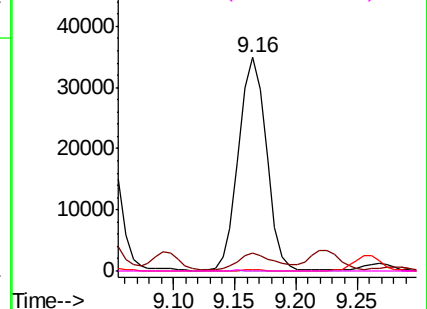


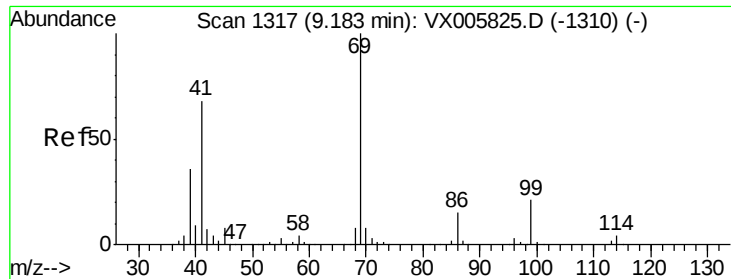
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#56

Ethyl methacrylate

Concen: 7.656 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

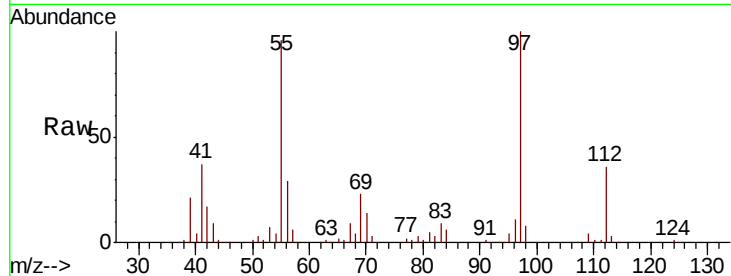
Tot Ion: 69 Resp: 17169

Ion Ratio Lower Upper

69 100

41 157.2 57.0 85.6#

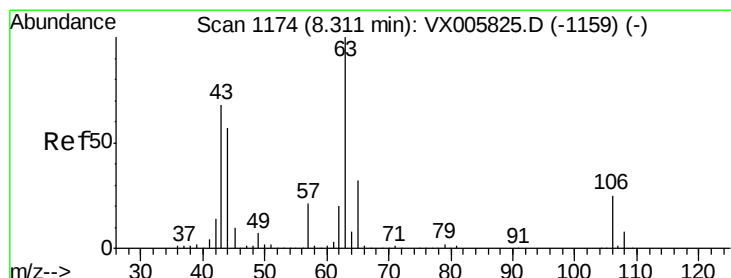
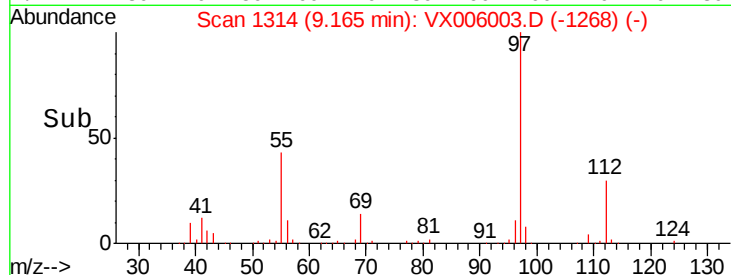
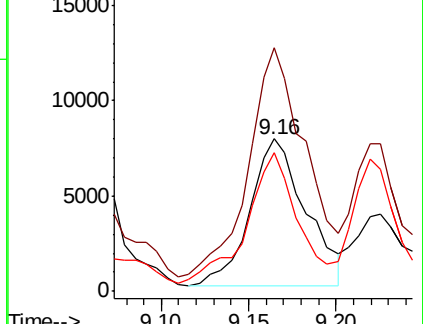
39 79.6 28.3 42.5#



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: 8.721 ug/l

RT: 8.34 min Scan# 1178

Delta R.T. 0.02 min

Lab File: VX006003.D

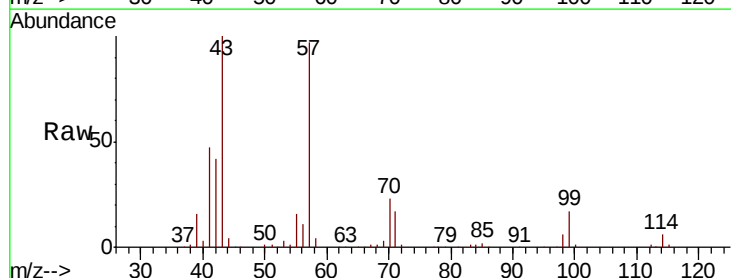
Acq: 15 Nov 2018 05:00

Tgt Ion: 63 Resp: 560

Ion Ratio Lower Upper

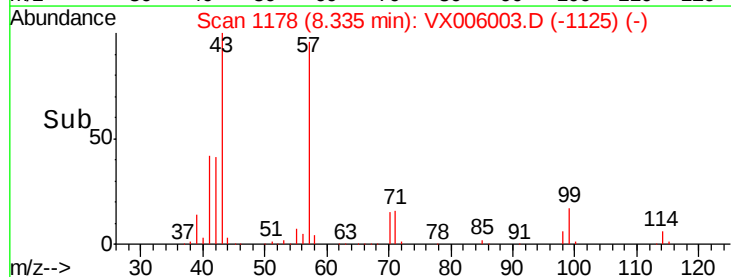
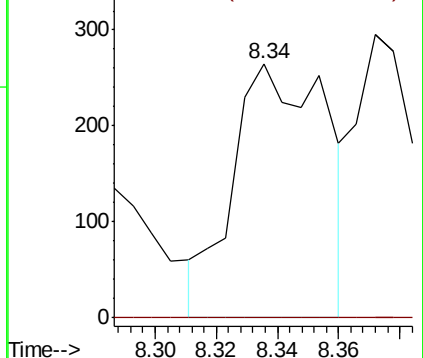
63 100

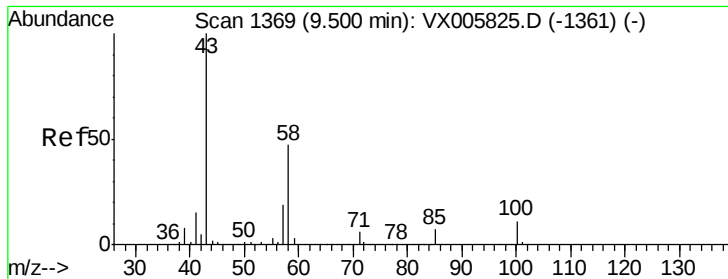
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

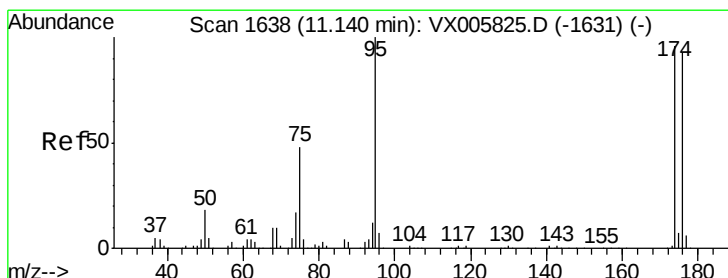
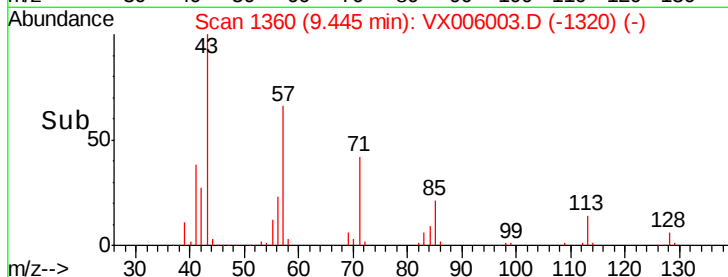
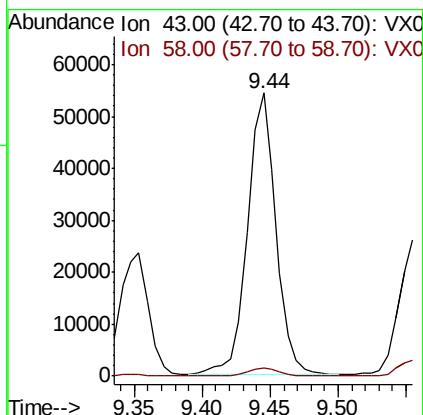
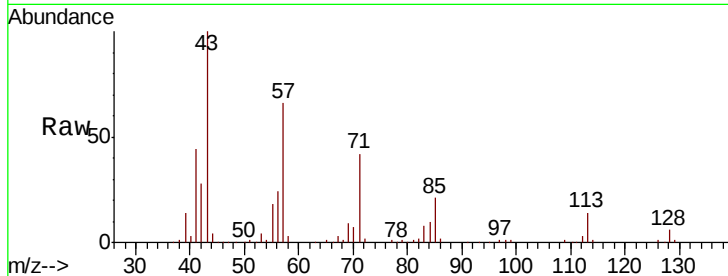




#59
2-Hexanone
Concen: 36.364 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.06 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

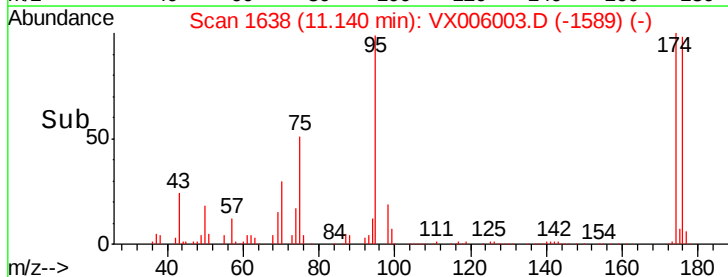
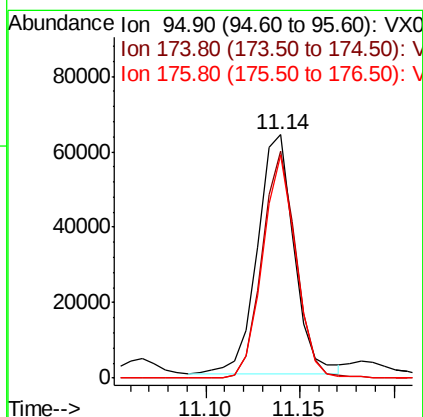
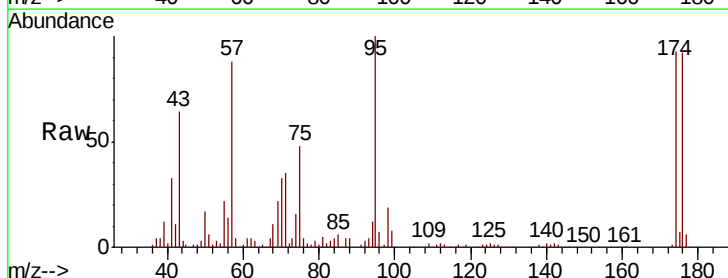
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

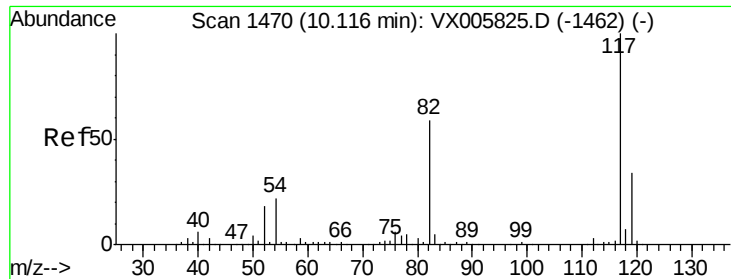
Tot Ion: 43 Resp: 79450
Ion Ratio Lower Upper
43 100
58 3.4 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 95 Resp: 85146
Ion Ratio Lower Upper
95 100
174 88.7 0.0 184.4
176 85.6 0.0 177.4

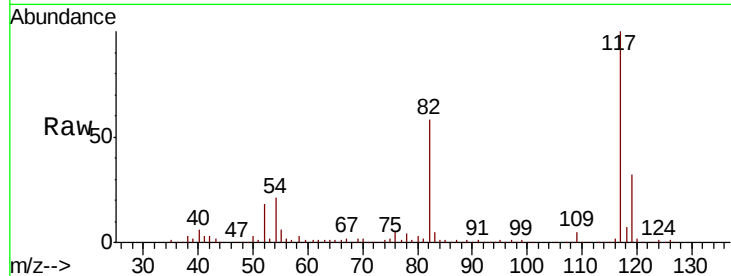




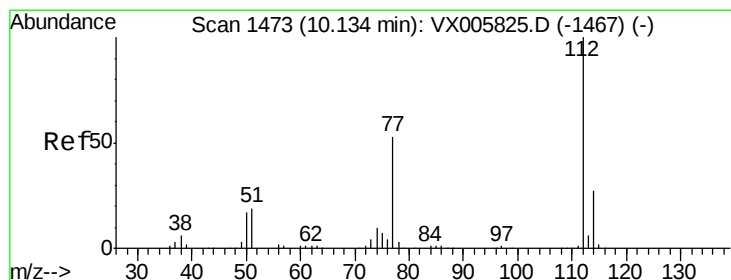
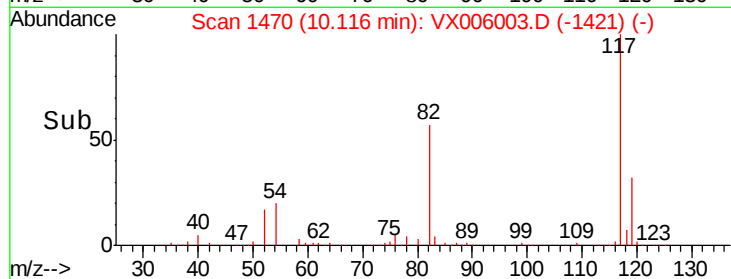
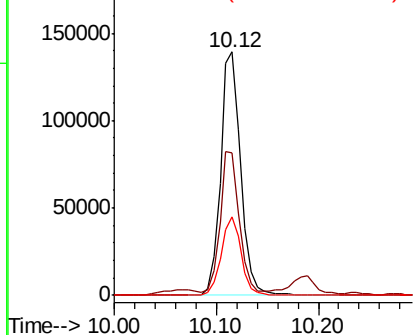
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

Tot Ion:117 Resp: 191459
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.5 26.2 39.2

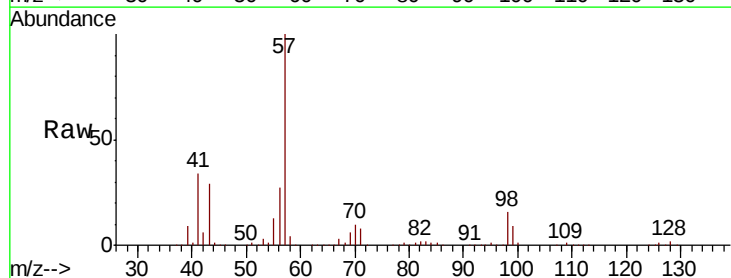


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

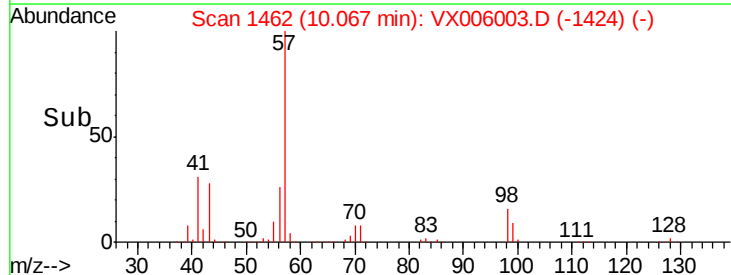
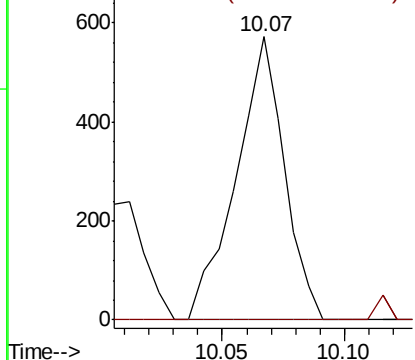


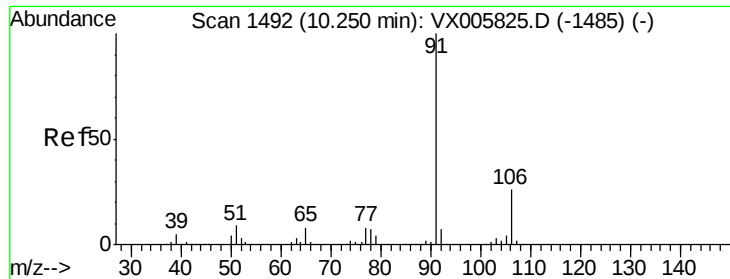
#65
Chlorobenzene
Concen: 0.204 ug/l
RT: 10.07 min Scan# 1462
Delta R.T. -0.07 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion:112 Resp: 783
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

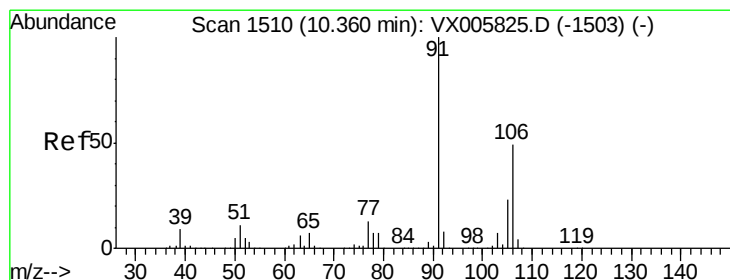
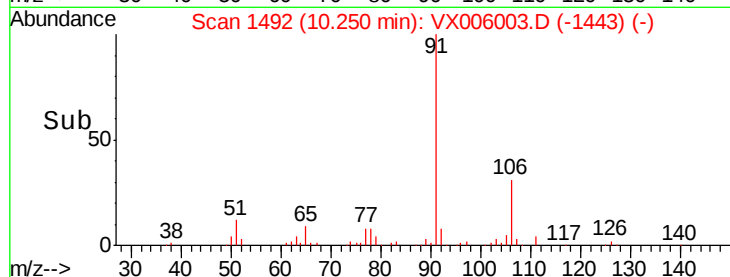
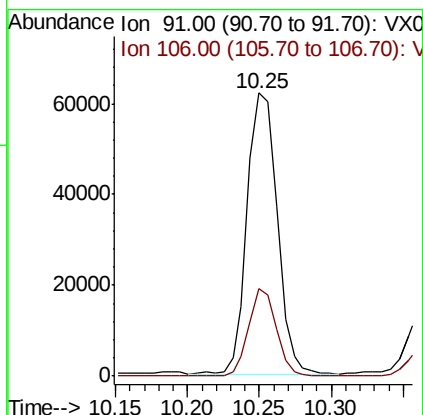
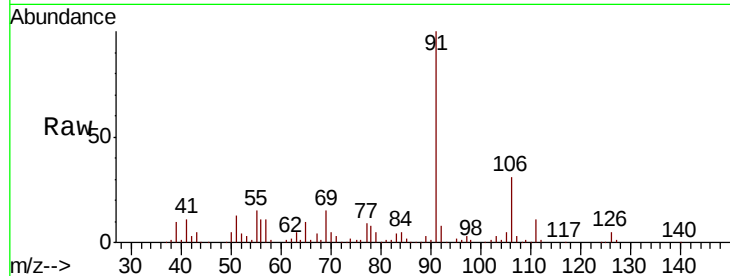




#67
Ethyl Benzene
Concen: 14.697 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

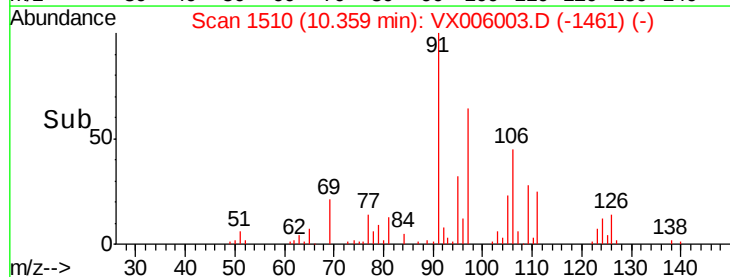
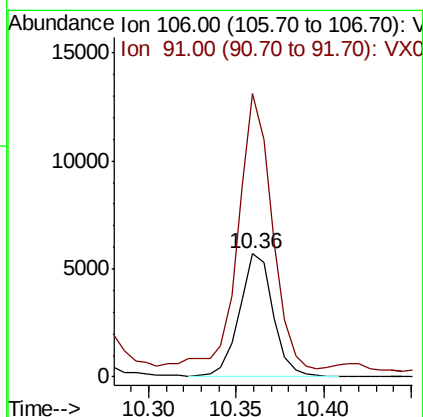
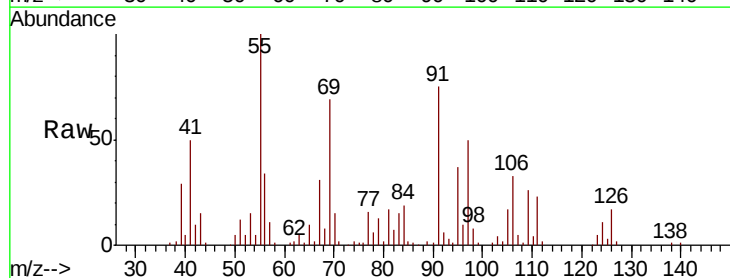
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

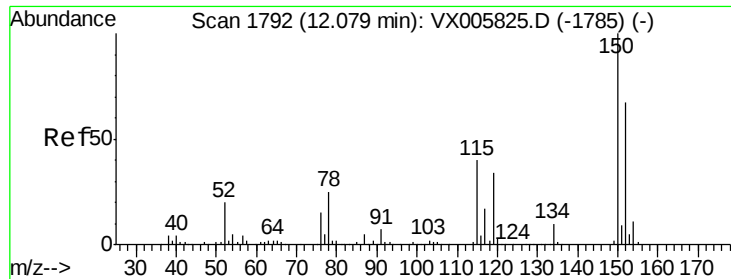
Tot Ion: 91 Resp: 90393
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#68
m/p-Xylenes
Concen: 3.262 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion: 106 Resp: 7653
Ion Ratio Lower Upper
106 100
91 225.5 164.2 246.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

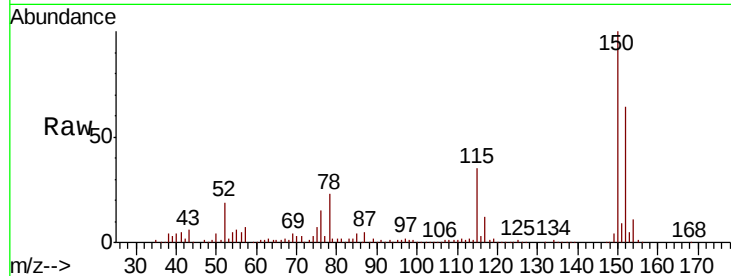
Tot Ion:152 Resp: 89521

Ion Ratio Lower Upper

152 100

115 56.4 39.4 118.1

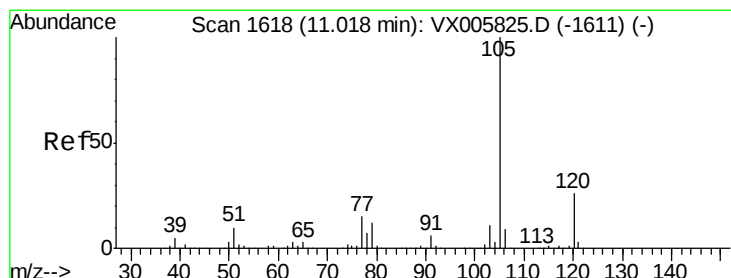
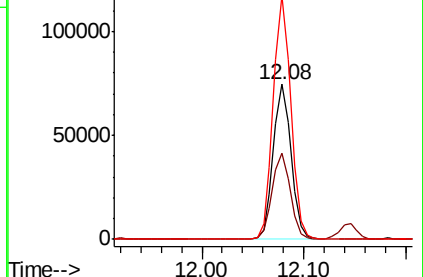
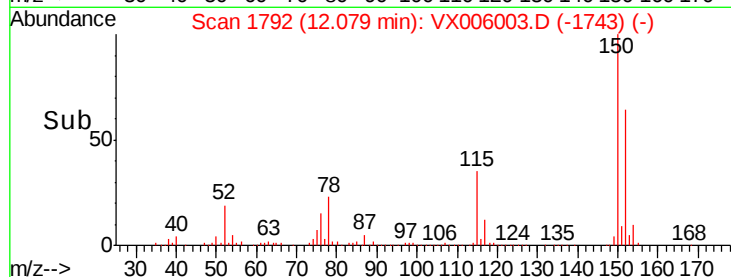
150 155.4 0.0 346.4



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: 8.603 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006003.D

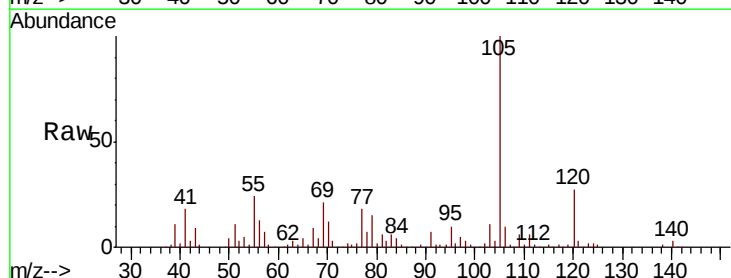
Acq: 15 Nov 2018 05:00

Tgt Ion:105 Resp: 44537

Ion Ratio Lower Upper

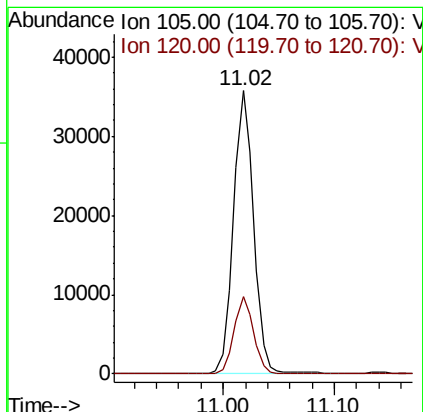
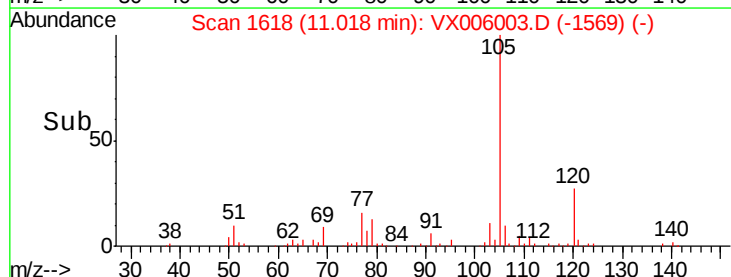
105 100

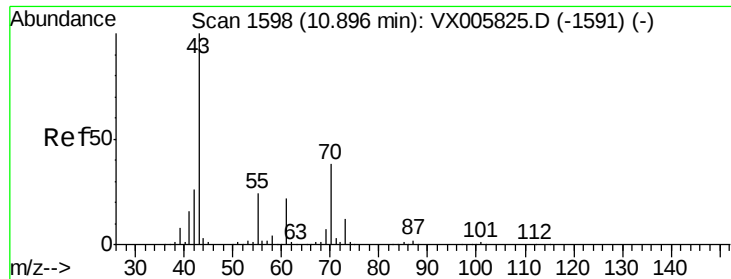
120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 10.911 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

Tot Ion: 43 Resp: 28779

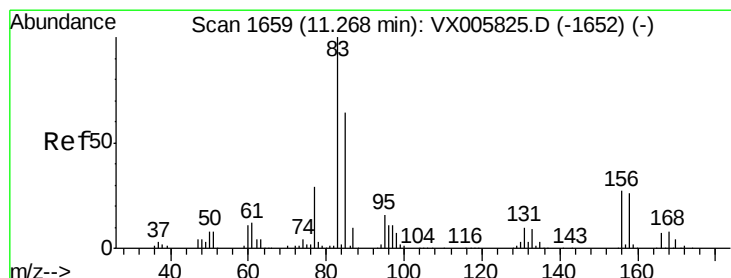
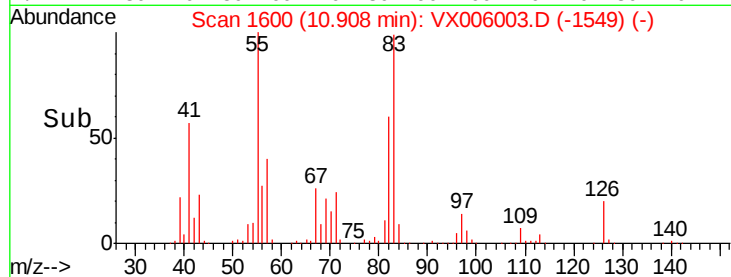
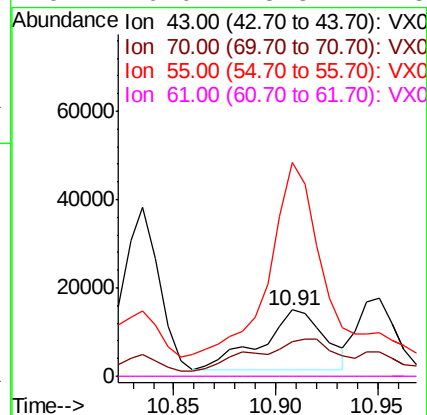
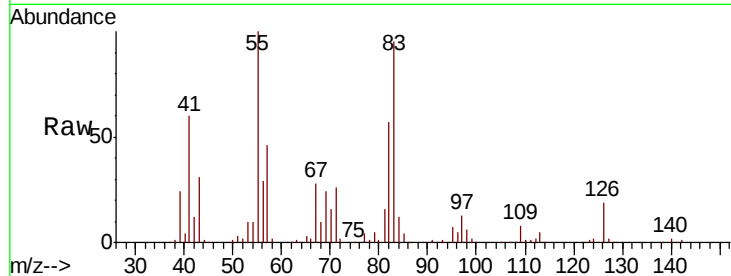
Ion Ratio Lower Upper

43 100

70 71.5 31.6 47.4#

55 297.7 19.7 29.5#

61 0.0 18.3 27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.227 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

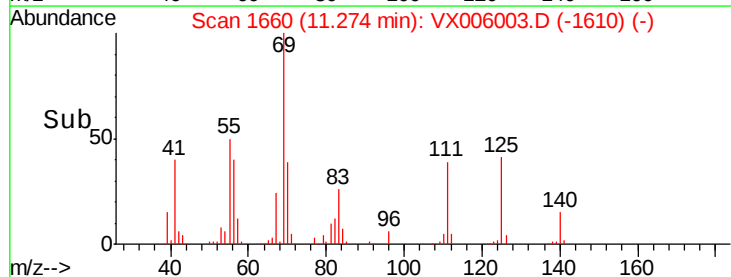
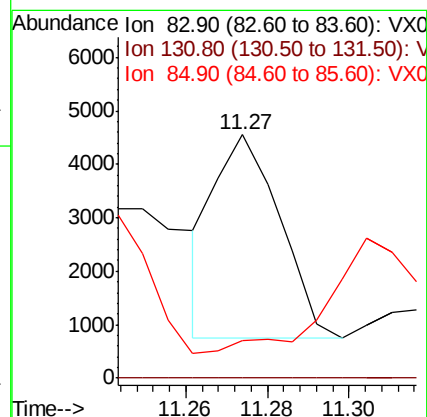
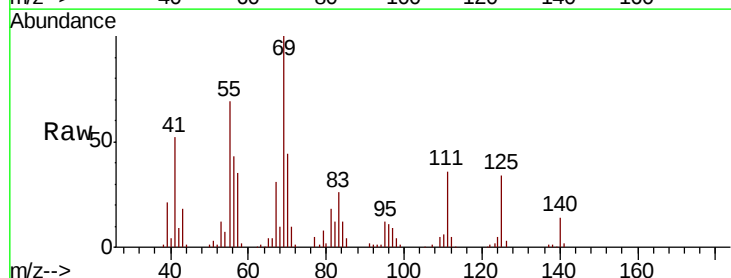
Tgt Ion: 83 Resp: 4231

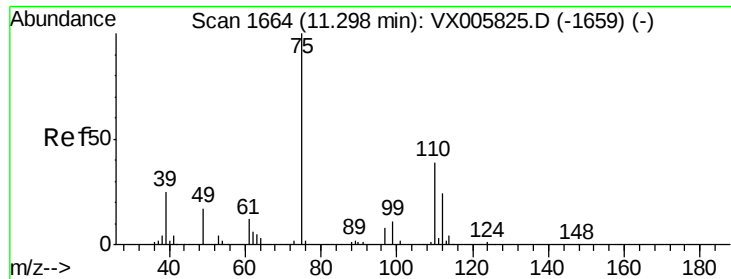
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.0 96.2#

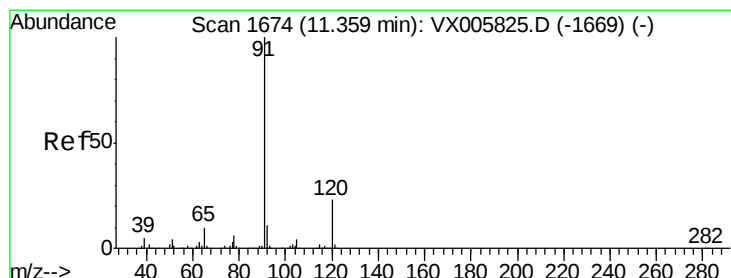
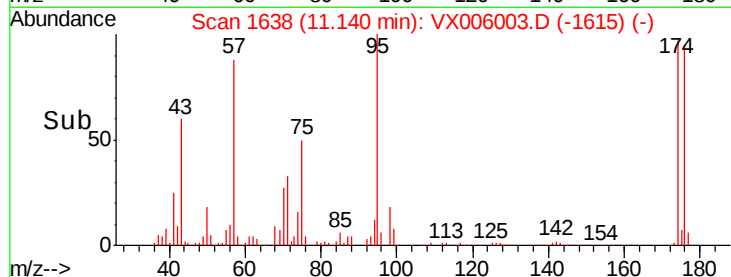
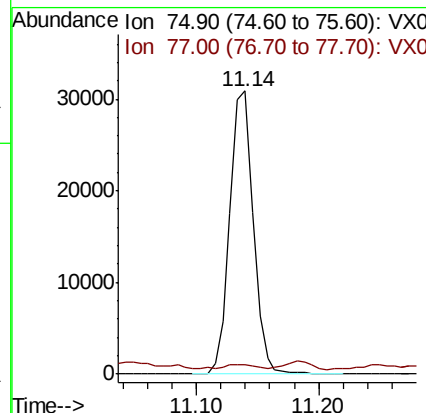
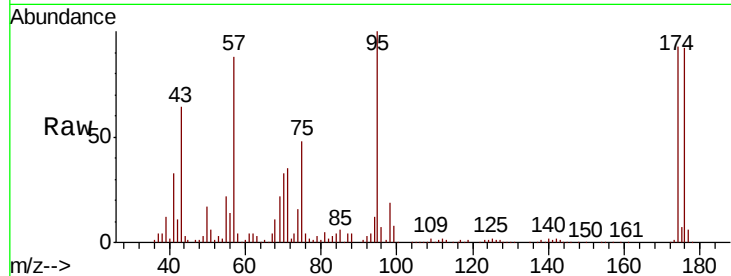




#76
 1,2,3-Trichloropropane
 Concen: 22.589 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

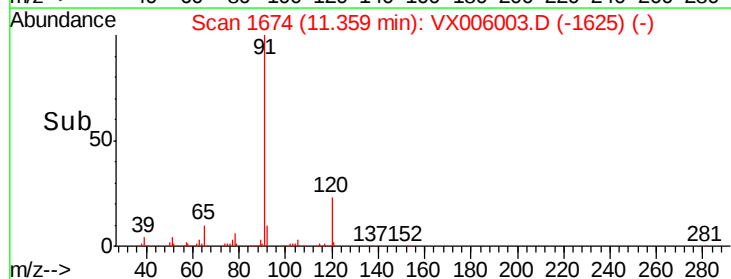
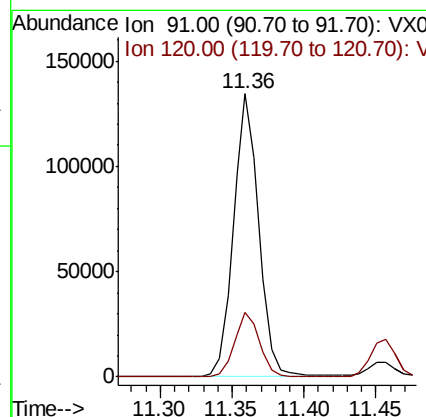
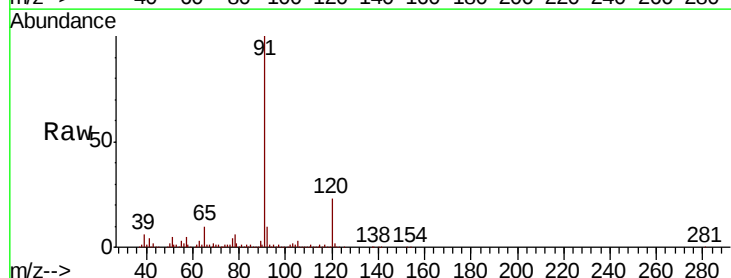
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

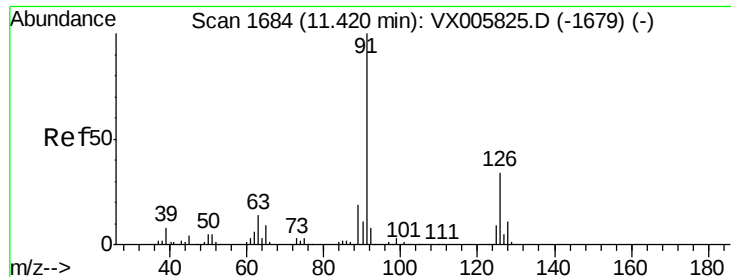
Tot Ion: 75 Resp: 41177
 Ion Ratio Lower Upper
 75 100
 77 2.1 20.5 61.6#



#78
 n-propylbenzene
 Concen: 26.960 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Tgt Ion: 91 Resp: 164489
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 2.216 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

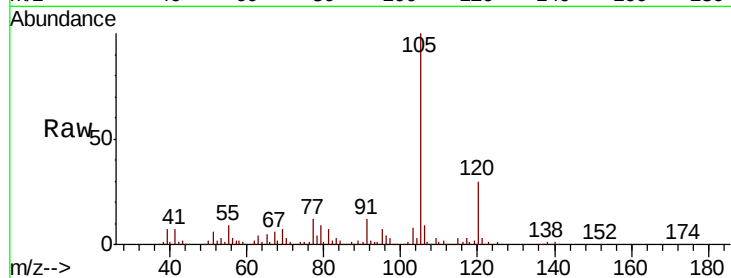
EP2-SB-111(17-19)ME

Tot Ion: 91 Resp: 8173

Ion Ratio Lower Upper

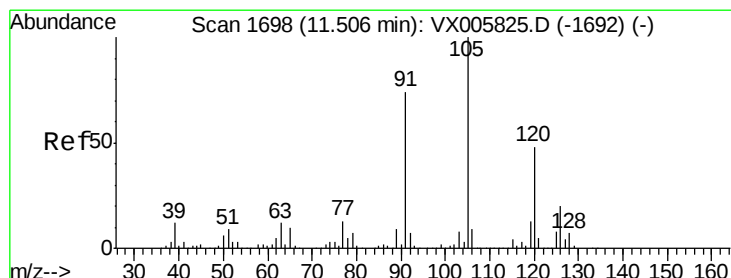
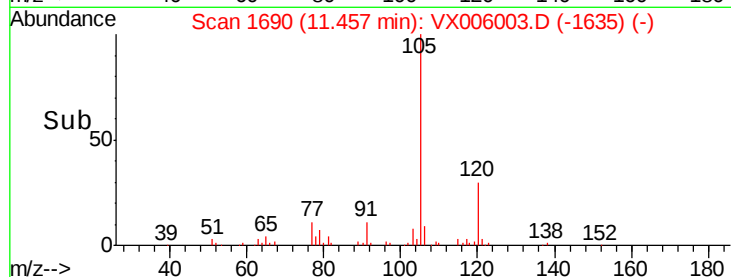
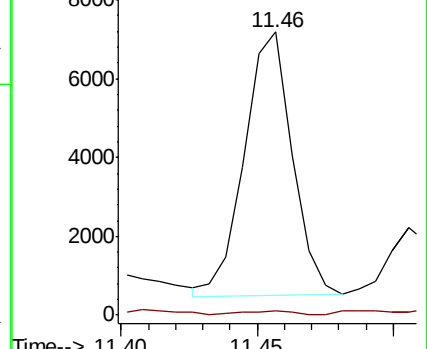
91 100

126 1.7 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: 4.628 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006003.D

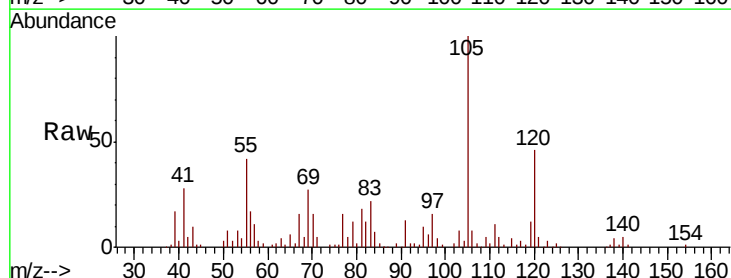
Acq: 15 Nov 2018 05:00

Tgt Ion:105 Resp: 20362

Ion Ratio Lower Upper

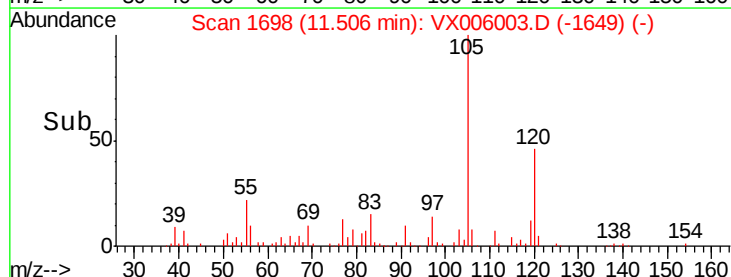
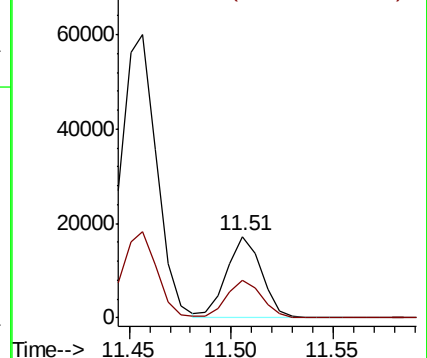
105 100

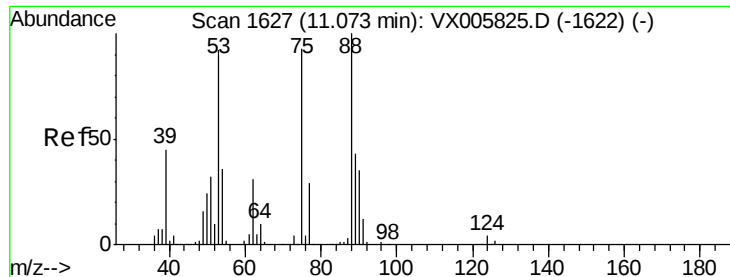
120 47.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 71.996 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

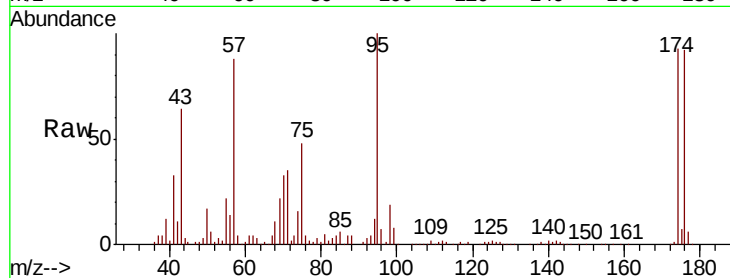
Tot Ion: 75 Resp: 41177

Ion Ratio Lower Upper

75 100

53 5.4 80.2 120.2#

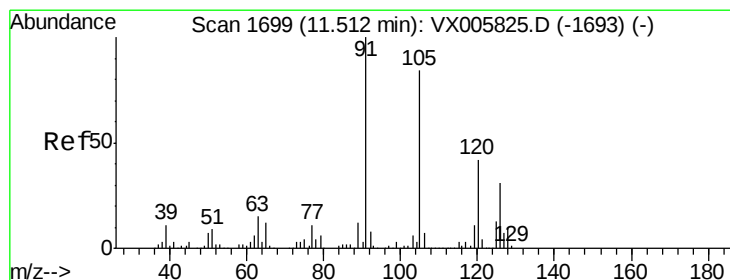
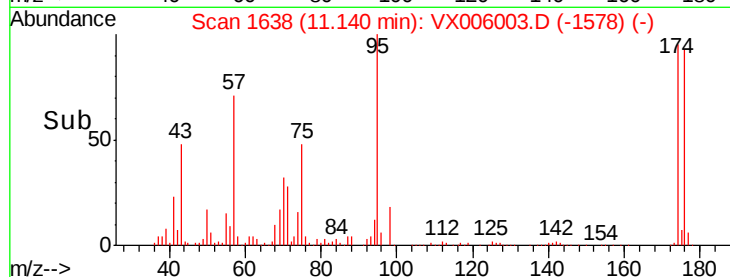
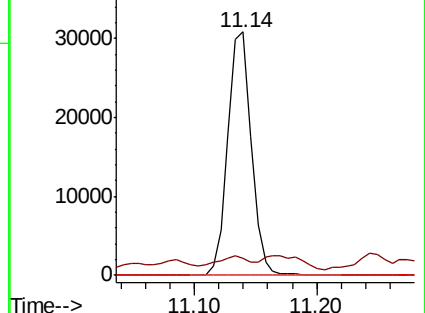
89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.881 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. -0.06 min

Lab File: VX006003.D

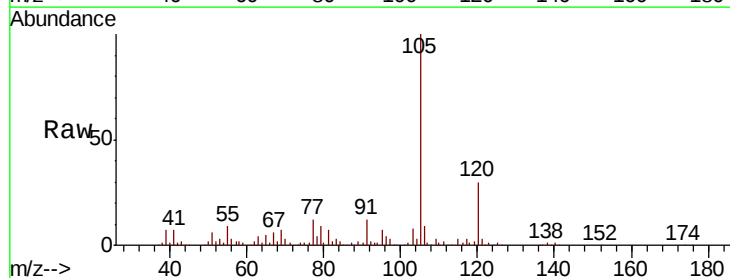
Acq: 15 Nov 2018 05:00

Tgt Ion: 91 Resp: 8173

Ion Ratio Lower Upper

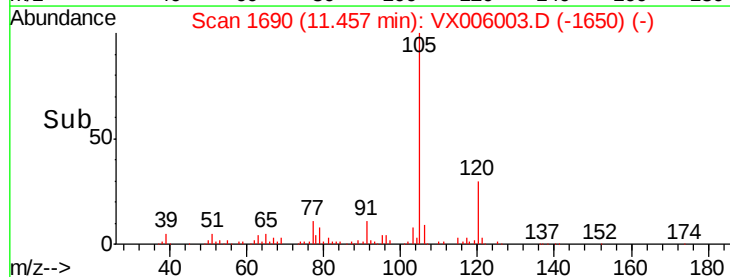
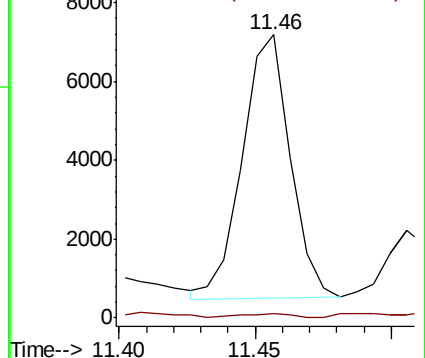
91 100

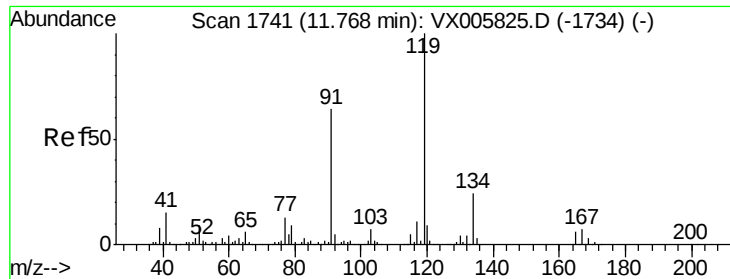
126 1.7 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

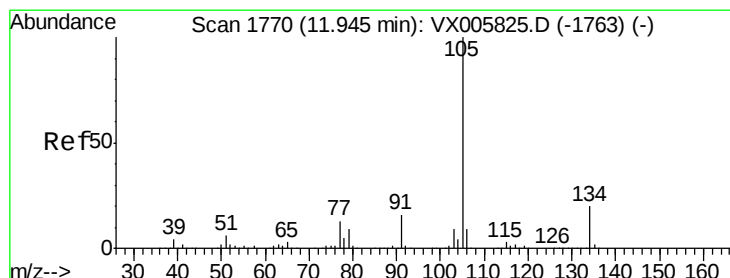
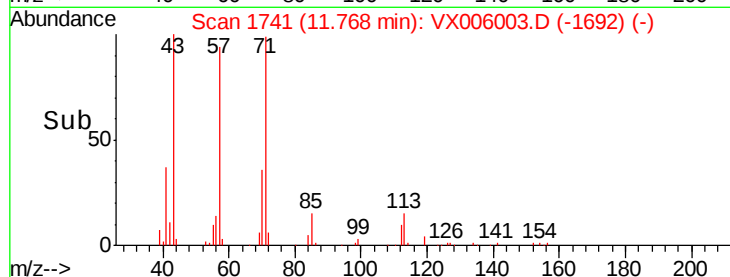
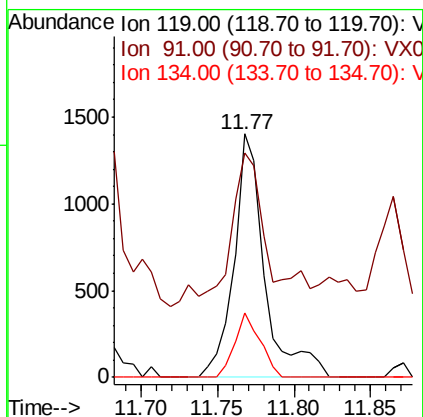
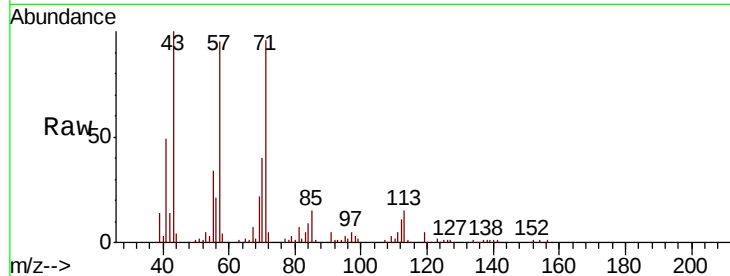




#83
tert-Butylbenzene
Concen: 0.438 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

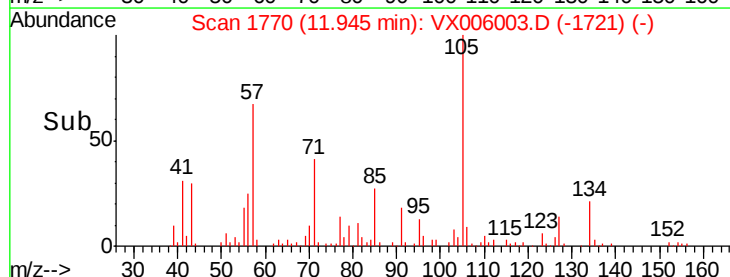
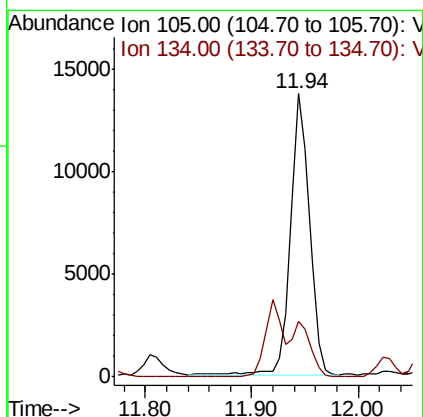
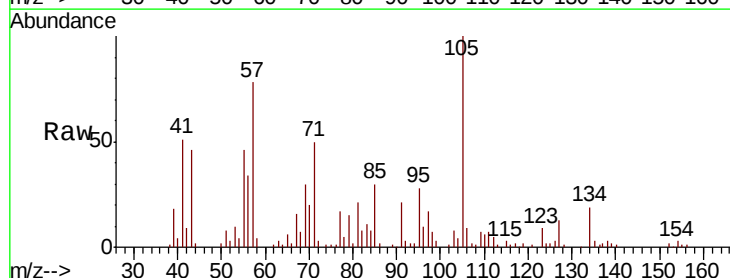
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(17-19)ME

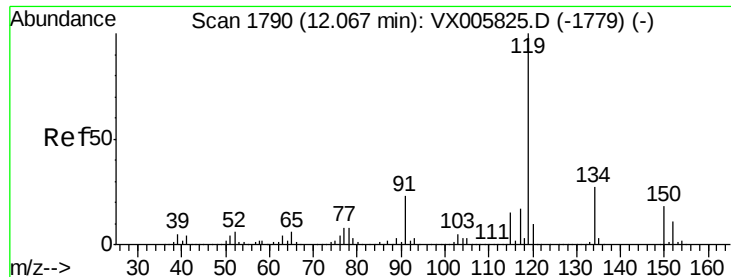
Tot Ion:119 Resp: 1951
Ion Ratio Lower Upper
119 100
91 54.5 28.5 85.5
134 21.8 11.3 33.8



#85
sec-Butylbenzene
Concen: 3.054 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006003.D
Acq: 15 Nov 2018 05:00

Tgt Ion:105 Resp: 16621
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

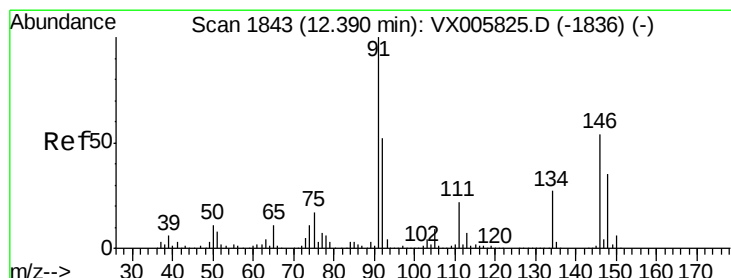
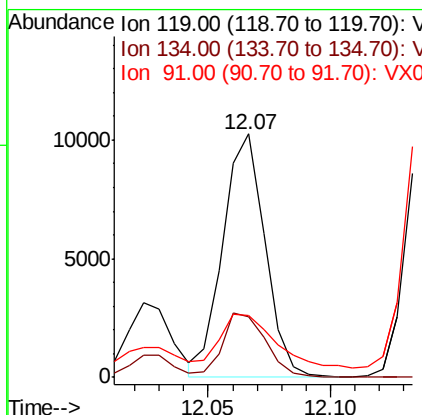
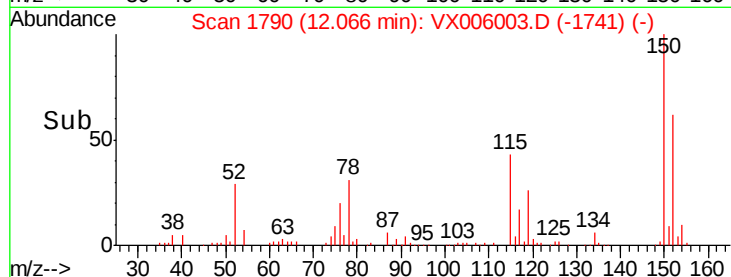
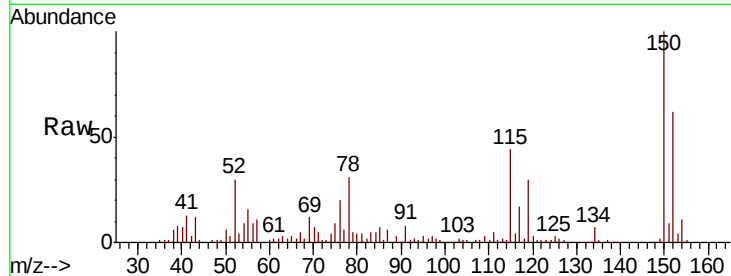




#86
 p-Isopropyltoluene
 Concen: 2.553 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

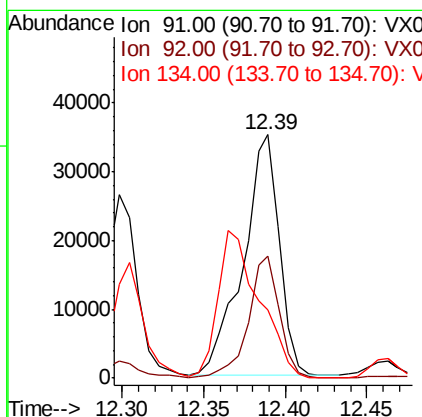
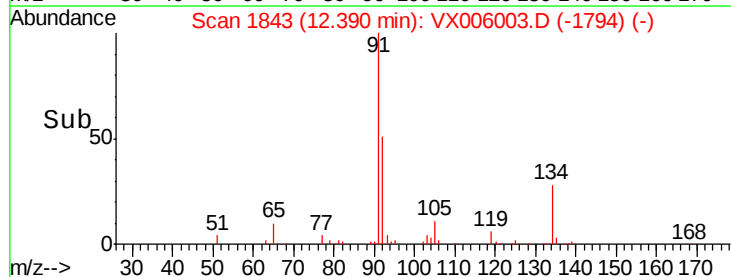
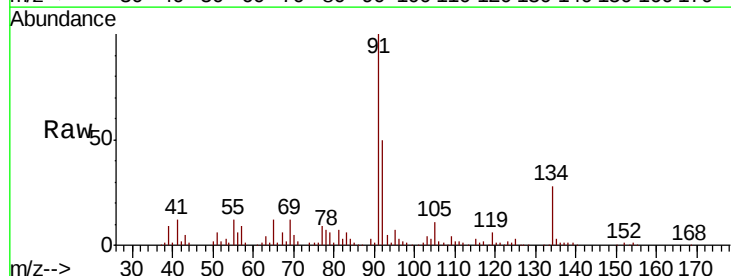
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(17-19)ME

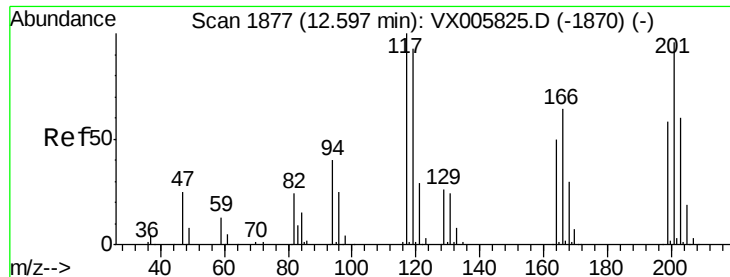
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.0	39.0
91	28.0	11.4	34.2



#89
 n-Butylbenzene
 Concen: 12.189 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006003.D
 Acq: 15 Nov 2018 05:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.7	26.1	78.2
134	0.0	13.1	39.3#





#90

Hexachloroethane

Concen: 6.710 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

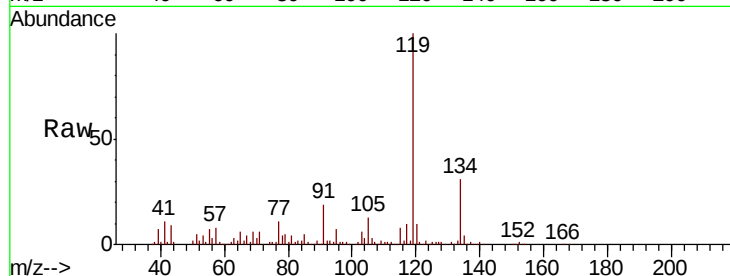
EP2-SB-111(17-19)ME

Tot Ion:117 Resp: 5401

Ion Ratio Lower Upper

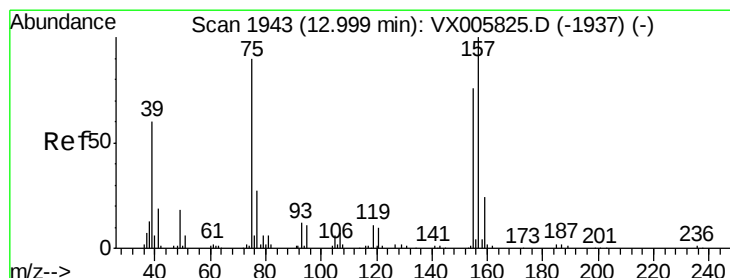
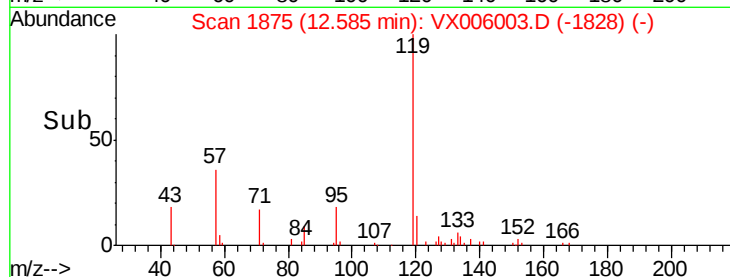
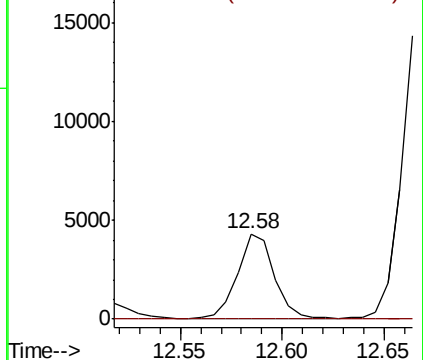
117 100

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: 1.270 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

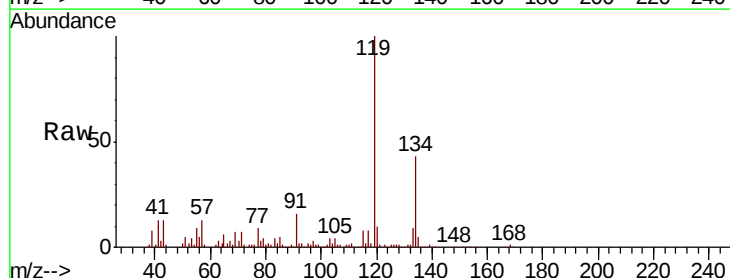
Tgt Ion: 75 Resp: 589

Ion Ratio Lower Upper

75 100

155 70.3 45.4 136.1

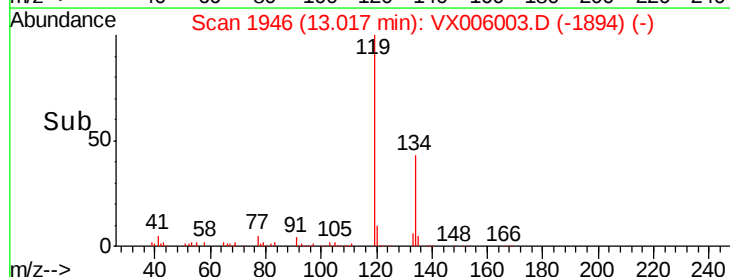
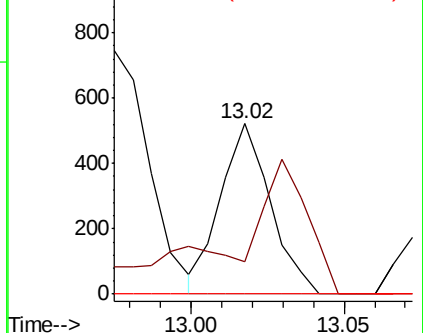
157 0.0 57.4 172.0#

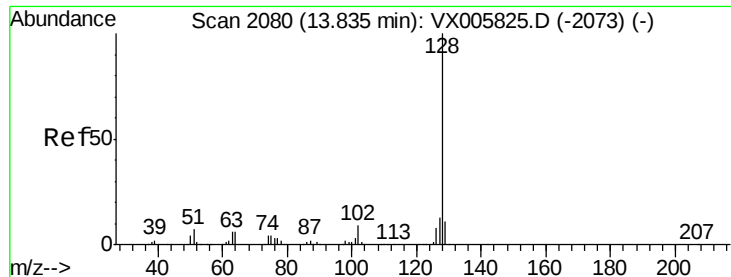


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.929 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006003.D

Acq: 15 Nov 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(17-19)ME

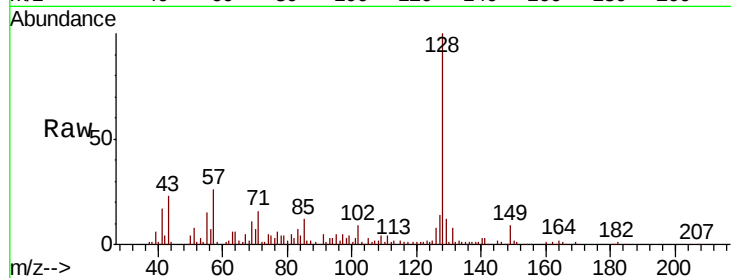
Tot Ion:128 Resp: 24748

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 5.8 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

