

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005975.D
 Acq On : 14 Nov 2018 15:42
 Operator : JC/MD
 Sample : J5860-16ME
 Misc : 6.03g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

Quant Time: Nov 15 00:23:11 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	108718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	163125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	69538	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	5.52	113	52931	47.71	ug/l	0.01
Spiked Amount			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	202272	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
62) 4-Bromofluorobenzene	11.14	95	82567	62.26	ug/l	0.00
Spiked Amount			Recovery	=	124.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	273	0.212	ug/l	94
5) Bromomethane	1.64	94	652	0.825	ug/l	97
8) Diethyl Ether	2.20	74	1288	1.918	ug/l	96
10) Methyl Iodide	2.48	142	329	0.275	ug/l #	74
11) Tert butyl alcohol	3.02	59	2061	5.756	ug/l #	72
13) Acrolein	2.32	56	18	19.261	ug/l #	14
16) Acetone	2.51	43	8402	12.485	ug/l	96
17) Carbon Disulfide	2.52	76	701	0.245	ug/l #	87
18) Methyl Acetate	2.81	43	18652	9.130	ug/l	94
20) Methylene Chloride	2.85	84	614	0.555	ug/l #	76
25) 2-Butanone	4.76	43	10809	10.217	ug/l	97
29) Tetrahydrofuran	5.20	42	235	0.346	ug/l #	1
31) Cyclohexane	5.56	56	2799	1.608	ug/l #	73
36) 1,1-Dichloropropene	5.65	75	7831	4.980	ug/l #	49
37) Ethyl Acetate	4.90	43	5287	2.557	ug/l #	80
38) Carbon Tetrachloride	5.66	117	9903	6.290	ug/l #	16
39) Methylcyclohexane	7.46	83	12121	7.605	ug/l	94
40) Benzene	6.13	78	14163	3.089	ug/l	97
41) Methacrylonitrile	5.21	41	460	0.412	ug/l #	25
42) 1,2-Dichloroethane	6.21	62	1404	0.855	ug/l #	70
47) Bromodichloromethane	7.84	83	425	0.322	ug/l #	1
48) Methyl methacrylate	7.72	41	1548	1.151	ug/l #	77
51) 4-Methyl-2-Pentanone	8.68	43	8943	4.735	ug/l #	76
52) Toluene	8.79	92	69054	26.952	ug/l	99
55) 1,1,2-Trichloroethane	9.26	97	384	0.336	ug/l #	1
56) Ethyl methacrylate	9.16	69	2231	1.306	ug/l #	39
58) 2-Chloroethyl Vinyl ether	8.26	63	91	8.373	ug/l #	48
59) 2-Hexanone	9.55	43	9251	5.557	ug/l #	47
67) Ethyl Benzene	10.26	91	117845	24.947	ug/l	99
68) m/p-Xylenes	10.36	106	86995	48.281	ug/l	98
69) o-Xylene	10.70	106	38161	23.619	ug/l	97
70) Styrene	10.71	104	5738	2.153	ug/l #	1
73) Isopropylbenzene	11.02	105	39789	8.337	ug/l	100
74) N-ethyl acetate	10.91	43	121554	45.510	ug/l #	1

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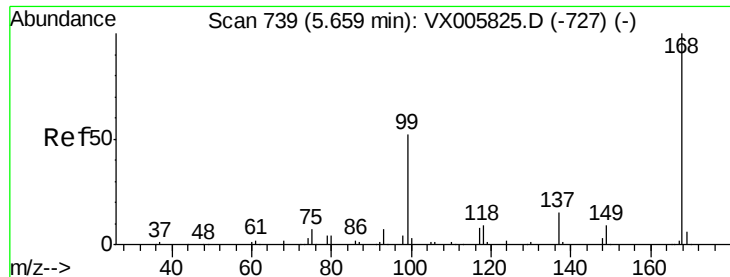
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

Quant Time: Nov 15 00:23:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	11.27	83	58356	33.315	ug/l #	26
76) 1,2,3-Trichloropropane	11.37	75	3178	1.891	ug/l #	1
78) n-propylbenzene	11.37	91	174909	31.099	ug/l	98
79) 2-Chlorotoluene	11.44	91	64044	18.839	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.51	105	241012	59.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	36617	69.451	ug/l #	20
82) 4-Chlorotoluene	11.77	91	9559	2.386	ug/l	96
83) tert-Butylbenzene	11.77	119	11386	2.775	ug/l	72
84) 1,2,4-Trimethylbenzene	11.81	105	1140090	255.228	ug/l	99
85) sec-Butylbenzene	11.95	105	100805	20.092	ug/l	94
86) p-Isopropyltoluene	12.07	119	147455	33.180	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1262	0.478	ug/l #	1
89) n-Butylbenzene	12.39	91	266038	64.591	ug/l #	37
90) Hexachloroethane	12.59	117	46117	62.155	ug/l #	2
91) 1,2-Dichlorobenzene	12.40	146	2517	0.973	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4314	10.092	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1243	0.683	ug/l #	1
95) Naphthalene	13.83	128	553526	92.213	ug/l	97
96) 1,2,3-Trichlorobenzene	14.04	180	1179	0.636	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

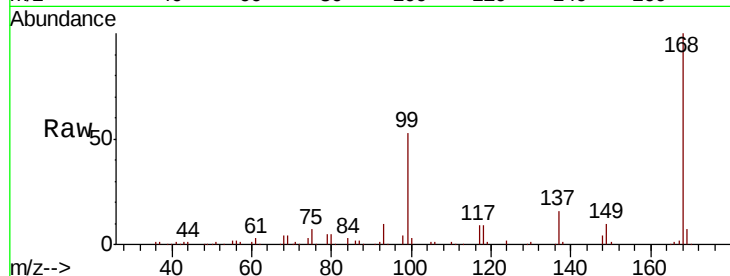
EP2-SB-106(2-4)ME

Tot Ion:168 Resp: 108718

Ion Ratio Lower Upper

168 100

99 53.0 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

40000

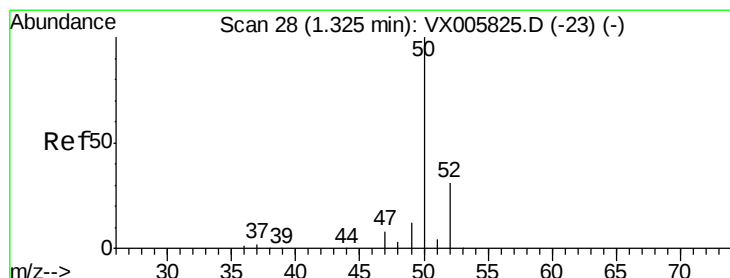
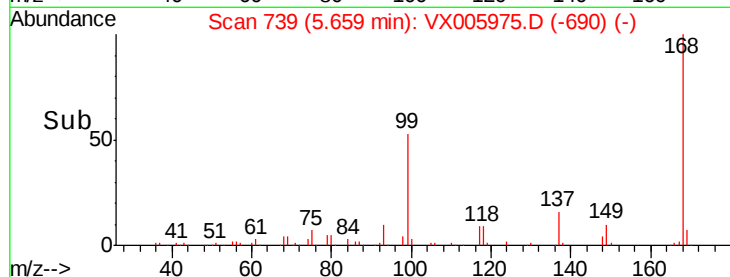
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005975.D

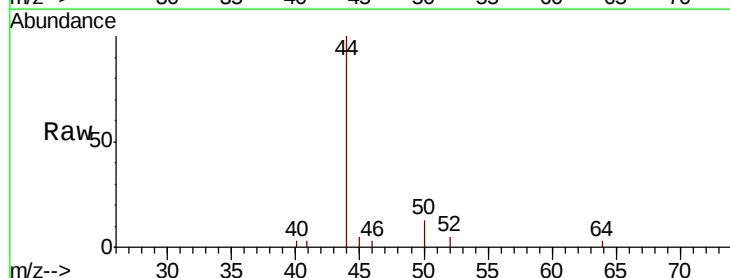
Acq: 14 Nov 2018 15:42

Tgt Ion: 50 Resp: 273

Ion Ratio Lower Upper

50 100

52 35.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

300

250

200

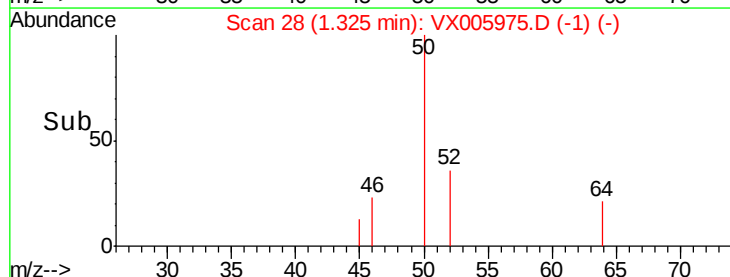
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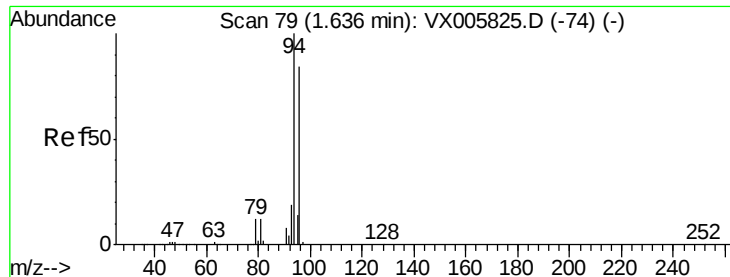
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.825 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

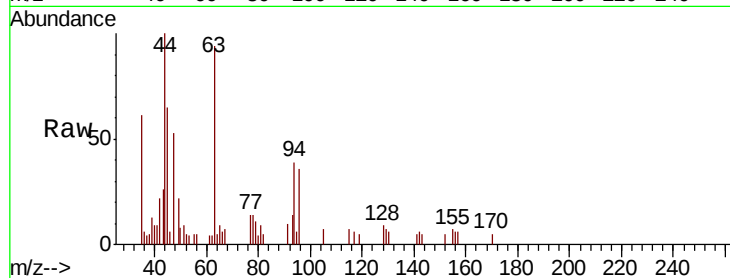
EP2-SB-106(2-4)ME

Tot Ion: 94 Resp: 652

Ion Ratio Lower Upper

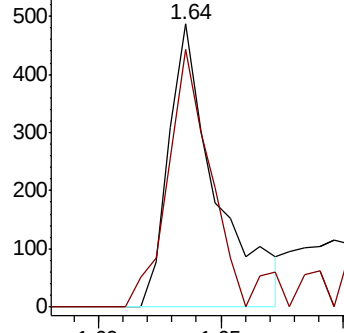
94 100

96 91.2 75.2 112.8

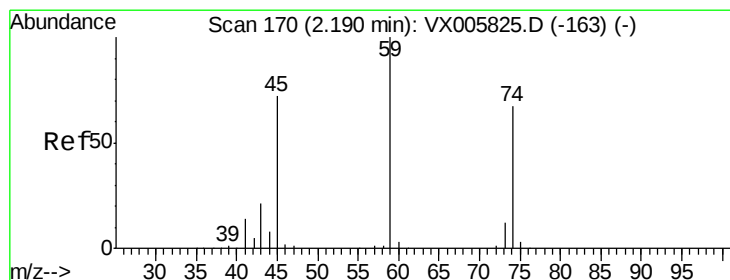
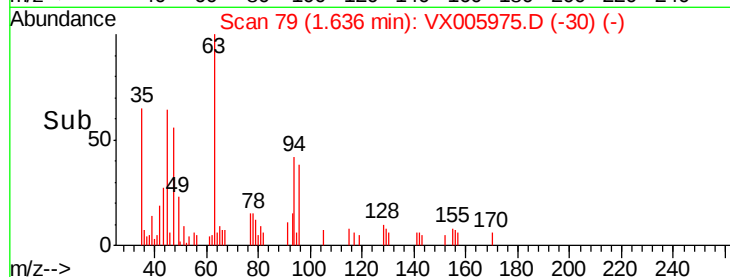


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#8

Diethyl Ether

Concen: 1.918 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX005975.D

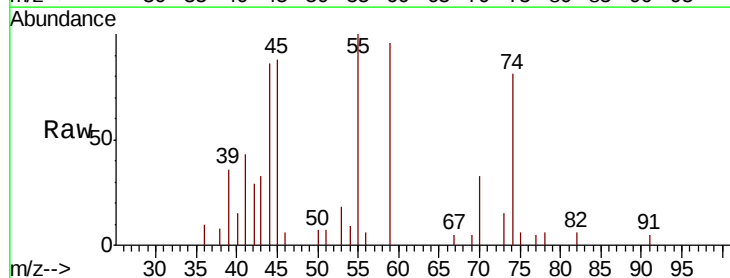
Acq: 14 Nov 2018 15:42

Tgt Ion: 74 Resp: 1288

Ion Ratio Lower Upper

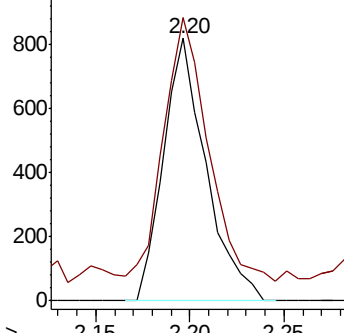
74 100

45 104.0 54.1 162.3

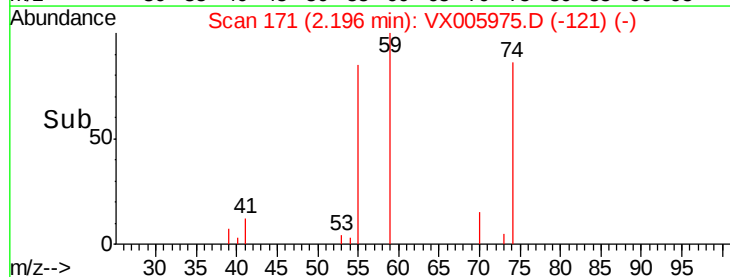


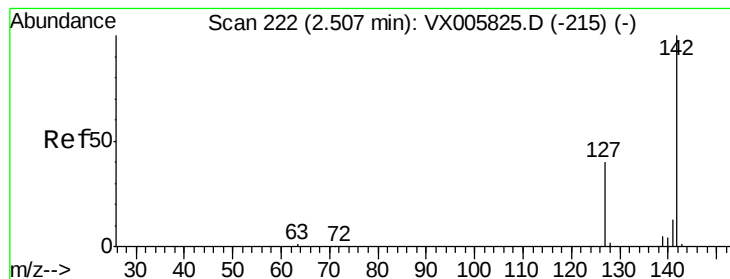
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->

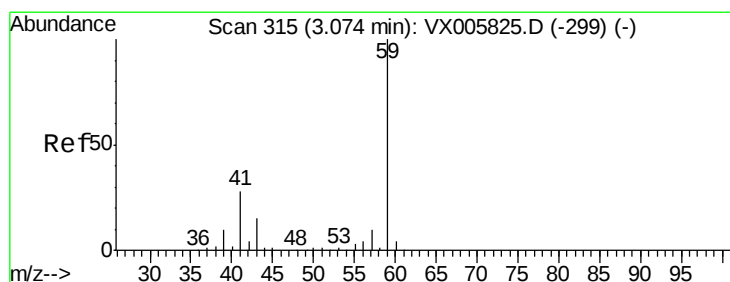
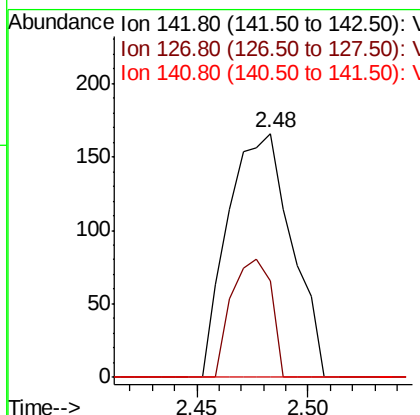
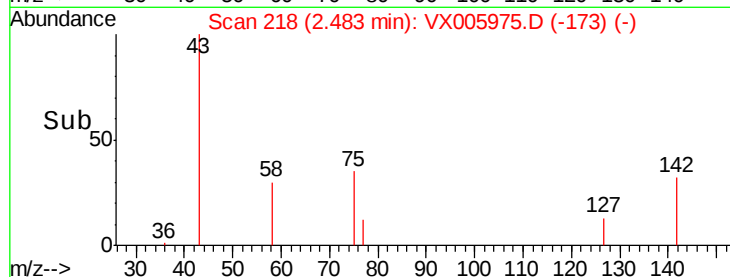
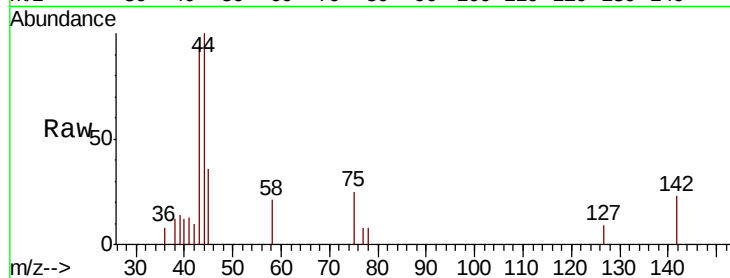




#10
Methvl Iodide
Concen: 0.275 ug/l
RT: 2.48 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

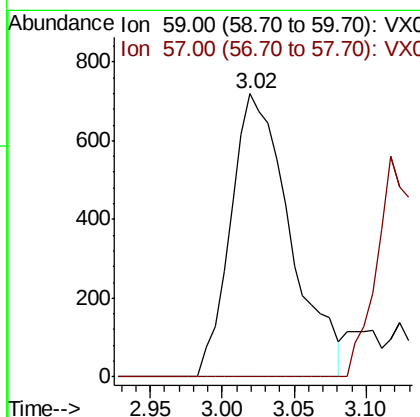
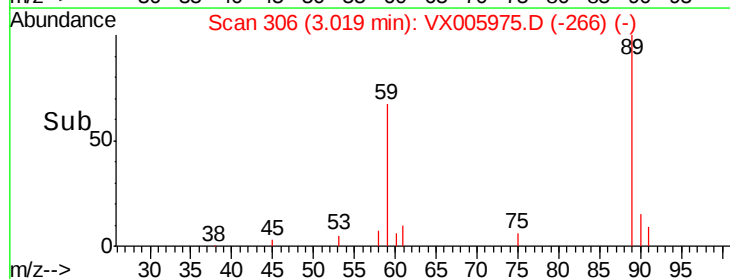
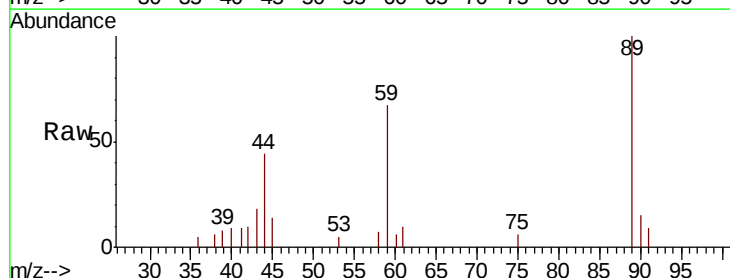
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

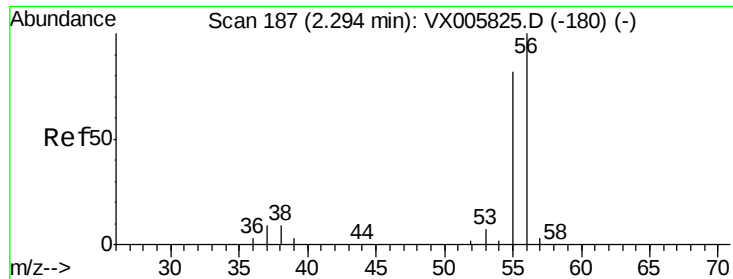
Tot Ion:142 Resp: 329
Ion Ratio Lower Upper
142 100
127 30.4 36.0 54.0#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 5.756 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 59 Resp: 2061
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 19.261 ug/l

RT: 2.32 min Scan# 192

Delta R.T. 0.03 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

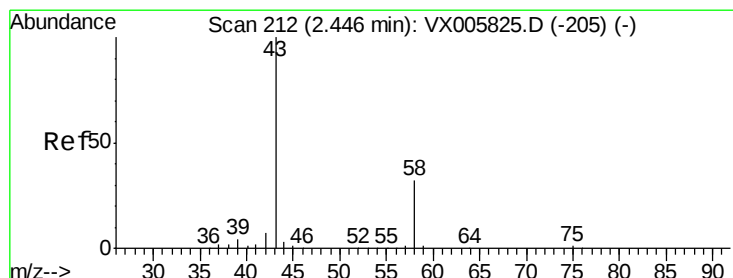
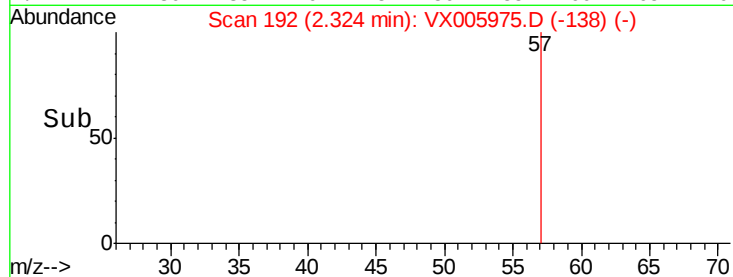
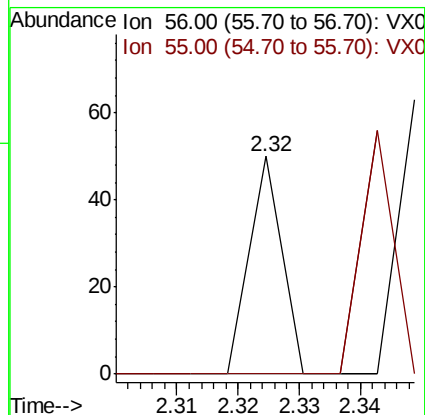
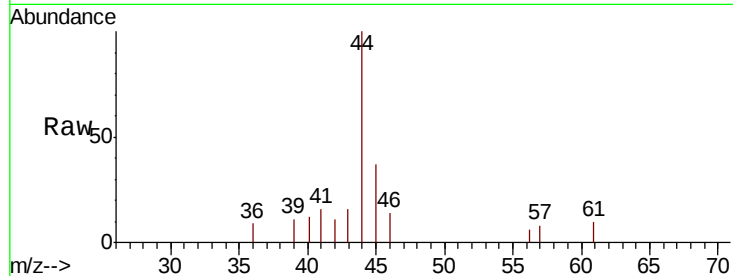
EP2-SB-106(2-4)ME

Tot Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#



#16

Acetone

Concen: 12.485 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.07 min

Lab File: VX005975.D

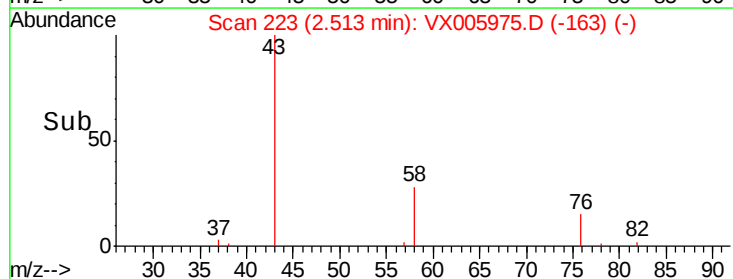
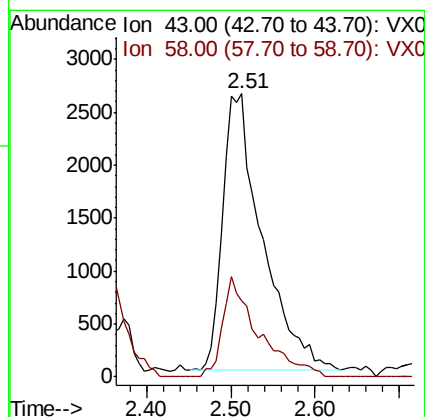
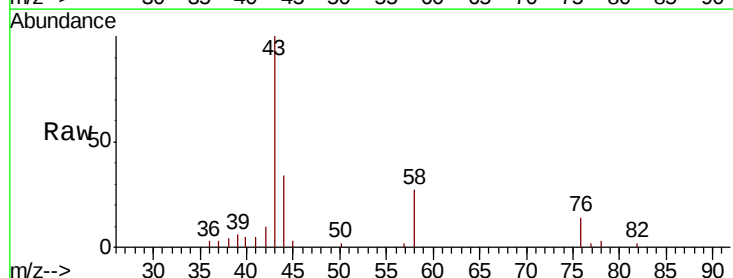
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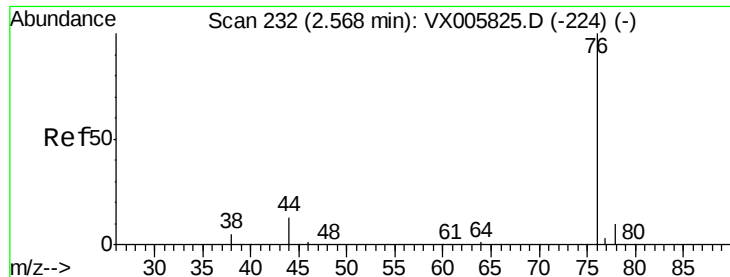
Tgt Ion: 43 Resp: 8402

Ion Ratio Lower Upper

43 100

58 27.6 23.8 35.6

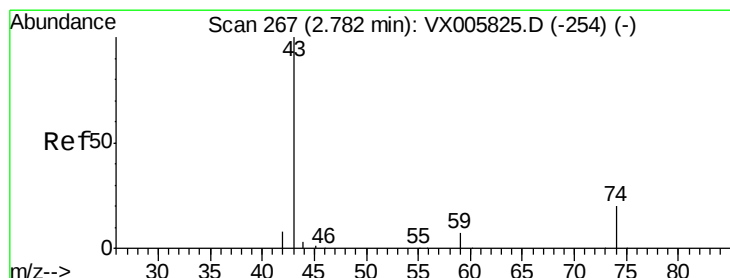
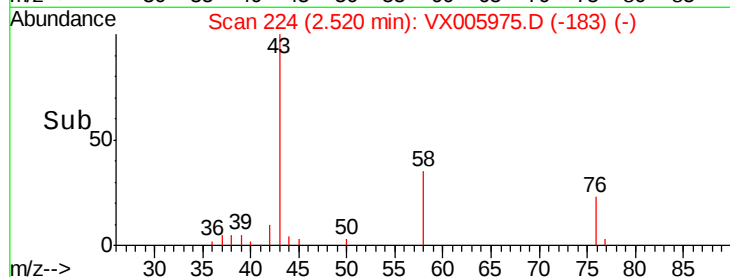
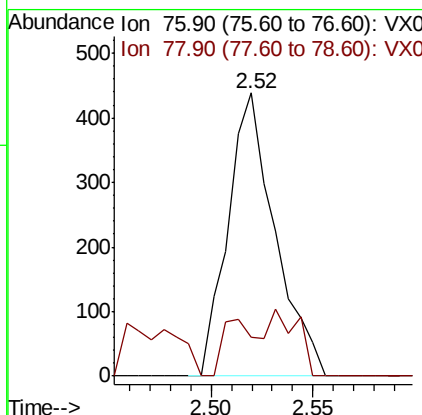
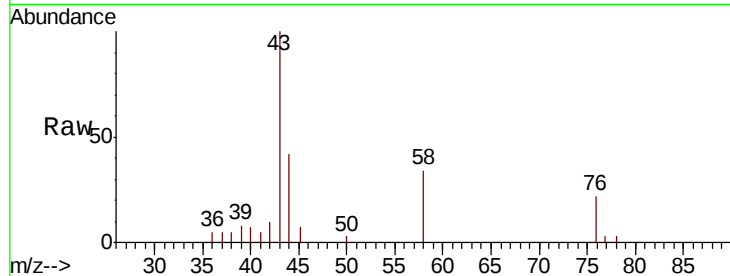




#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.52 min Scan# 224
Delta R.T. -0.05 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

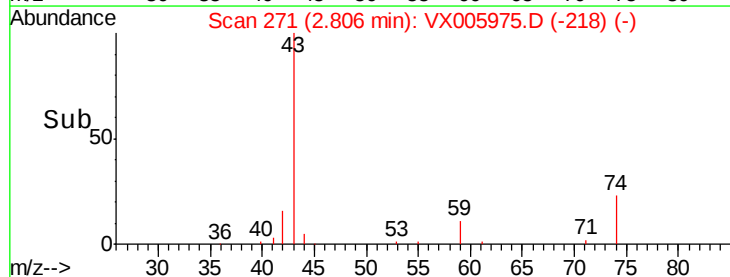
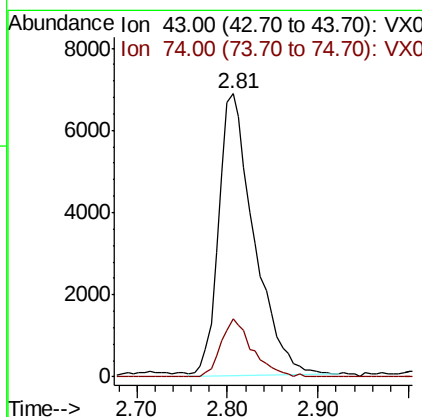
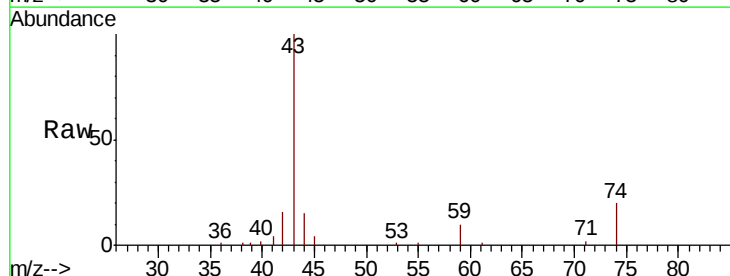
Instrument :
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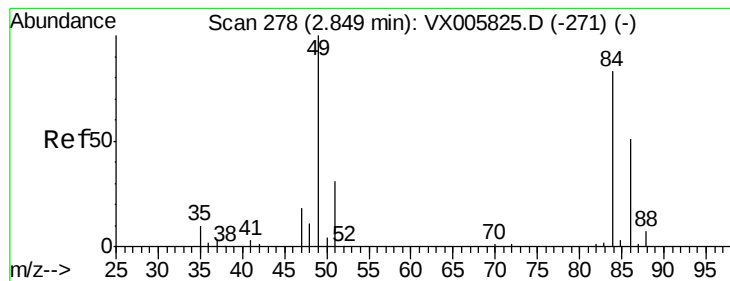
Tot Ion: 76 Resp: 701
Ion Ratio Lower Upper
76 100
78 13.9 7.3 10.9#



#18
Methyl Acetate
Concen: 9.130 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.03 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 43 Resp: 18652
Ion Ratio Lower Upper
43 100
74 18.3 16.8 25.2





#20

Methvlene Chloride

Concen: 0.555 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

Tot Ion: 84 Resp: 614

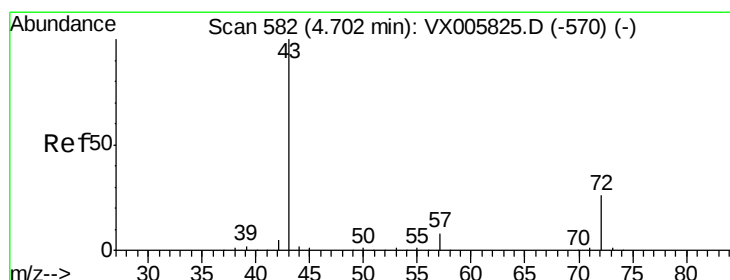
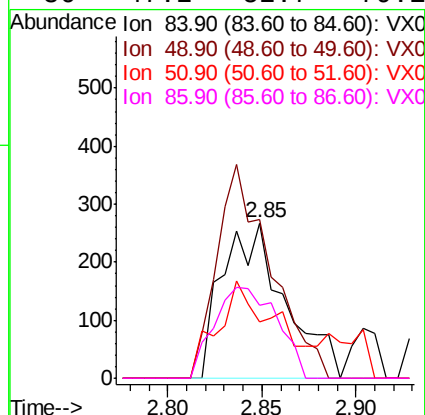
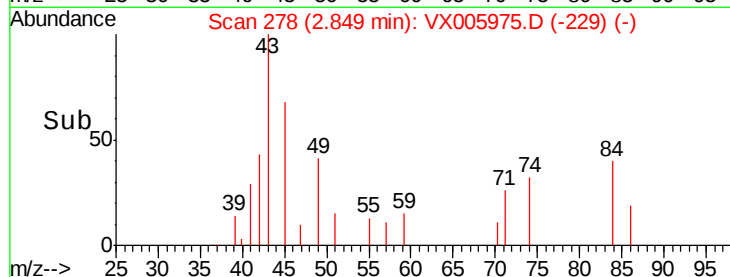
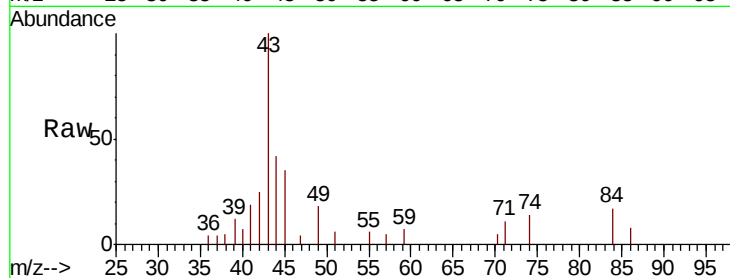
Ion Ratio Lower Upper

84 100

49 102.2 109.5 164.3#

51 36.7 33.3 49.9

86 47.2 52.7 79.1#



#25

2-Butanone

Concen: 10.217 ug/l

RT: 4.76 min Scan# 592

Delta R.T. 0.06 min

Lab File: VX005975.D

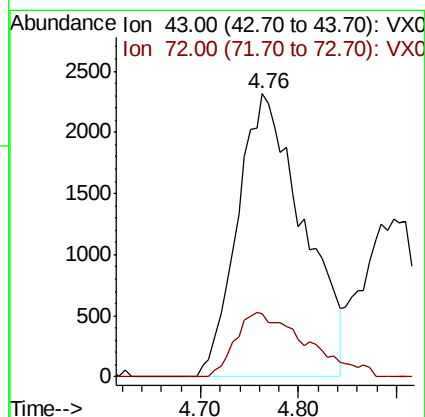
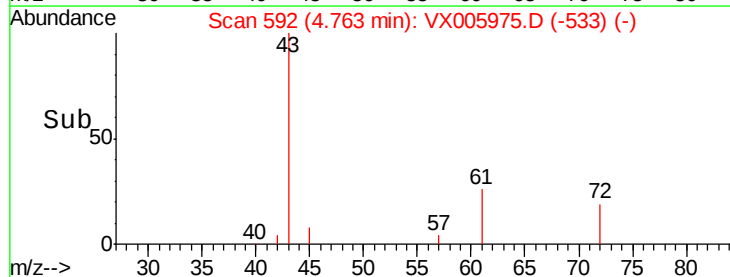
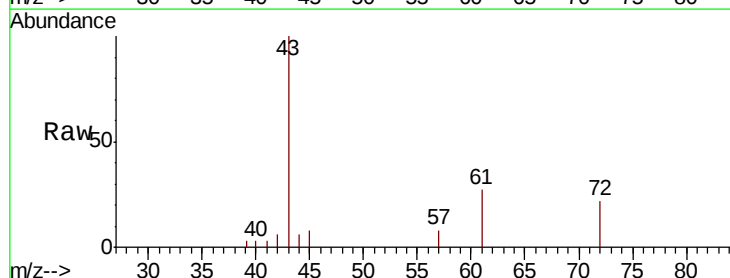
Acq: 14 Nov 2018 15:42

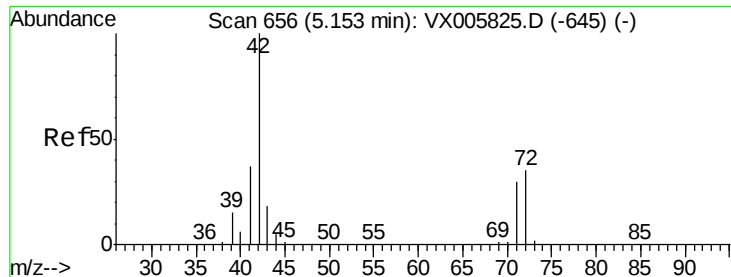
Tgt Ion: 43 Resp: 10809

Ion Ratio Lower Upper

43 100

72 22.3 19.2 28.8

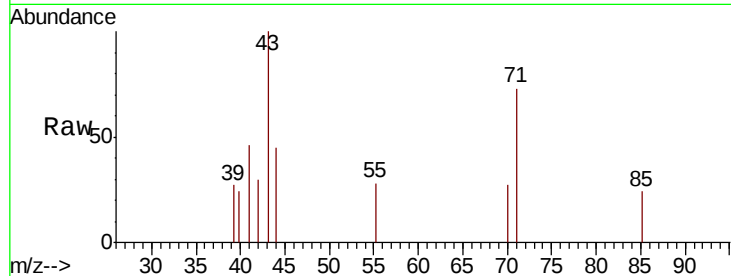




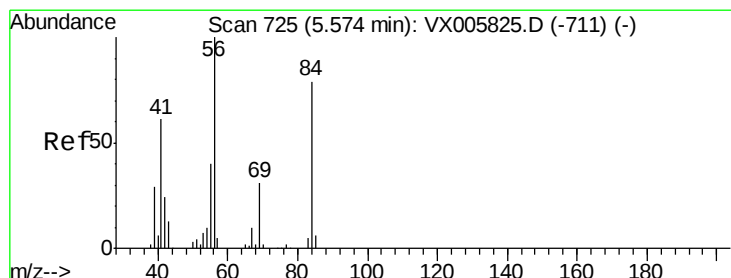
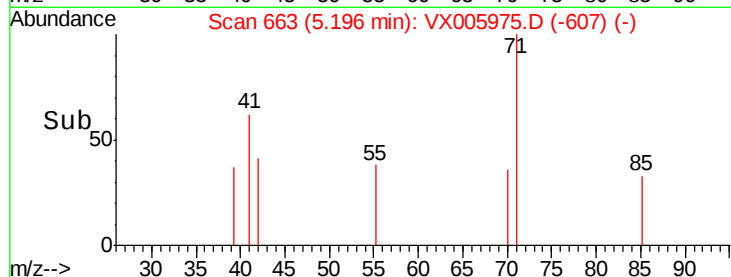
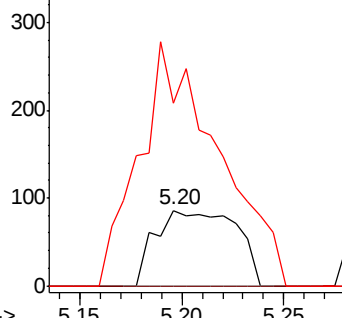
#29
Tetrahydrofuran
Concen: 0.346 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

Tot Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 317.9 29.8 44.8#

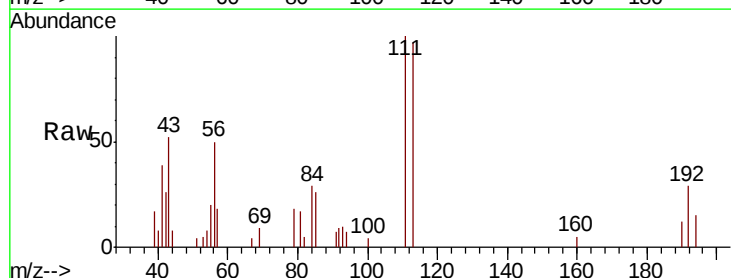


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

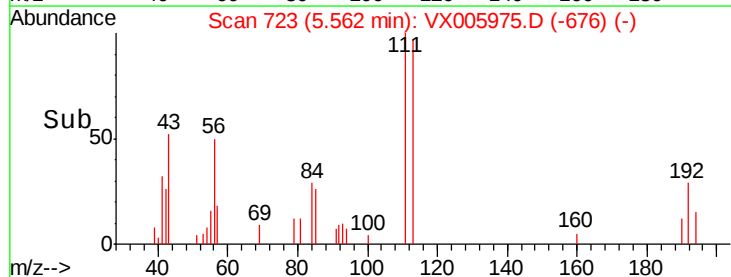
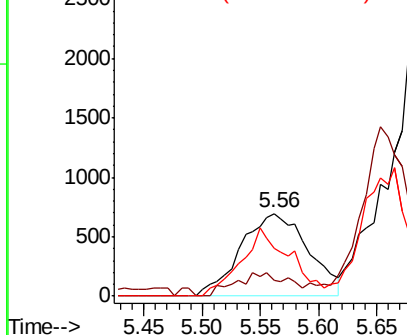


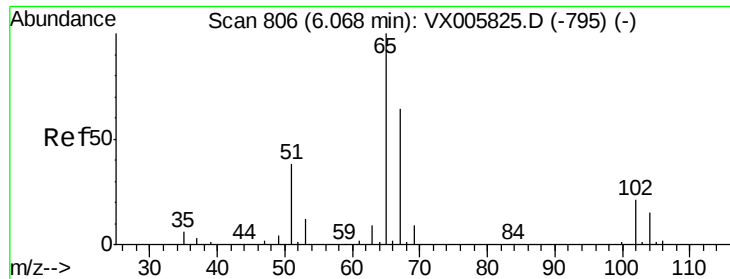
#31
Cyclohexane
Concen: 1.608 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 56 Resp: 2799
Ion Ratio Lower Upper
56 100
69 8.8 22.6 34.0#
84 57.9 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

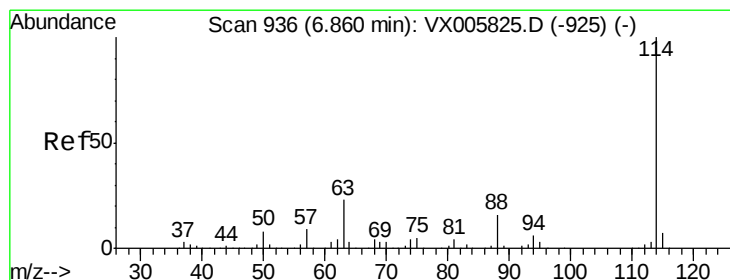
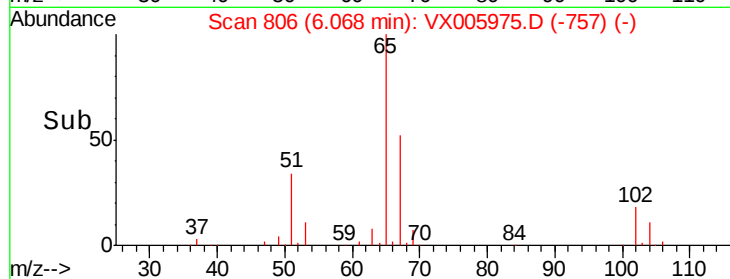
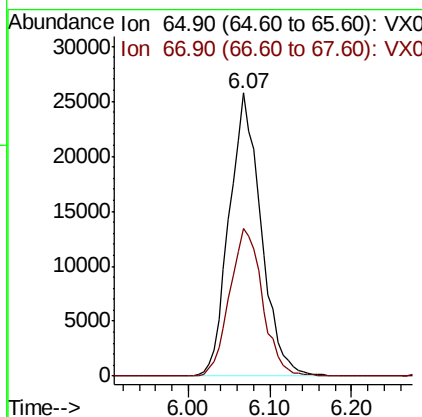
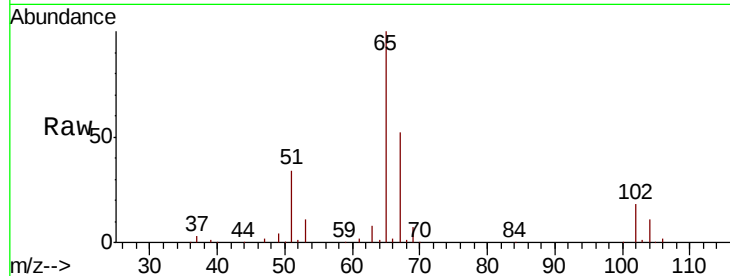




#33
 1,2-Dichloroethane-d4
 Concen: 55.637 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

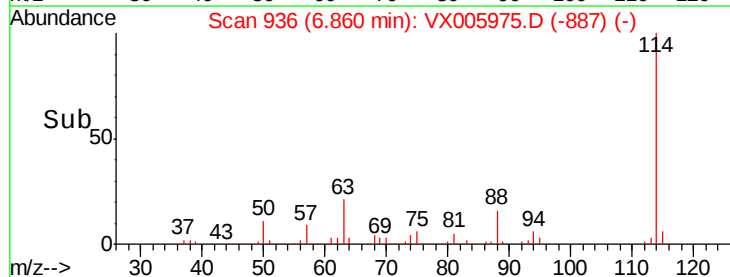
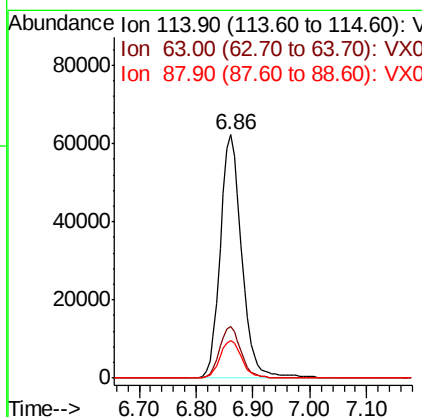
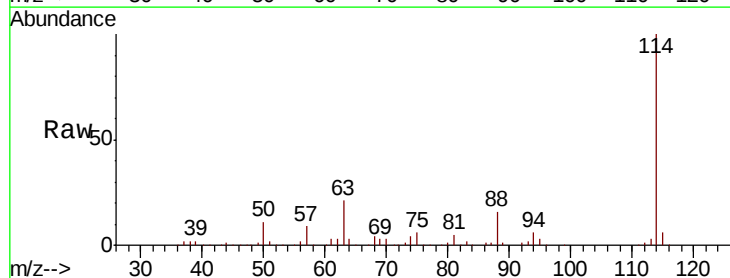
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

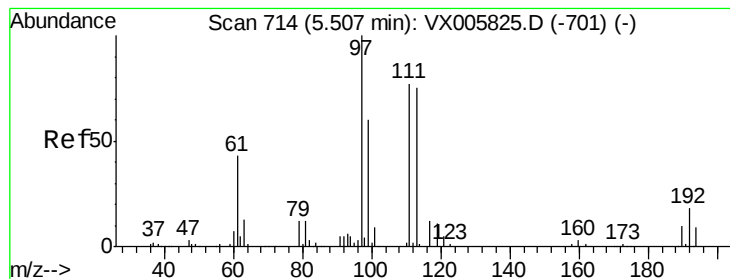
Tot Ion: 65 Resp: 69538
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Tgt Ion: 114 Resp: 163125
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.707 ug/l

RT: 5.52 min Scan# 716

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

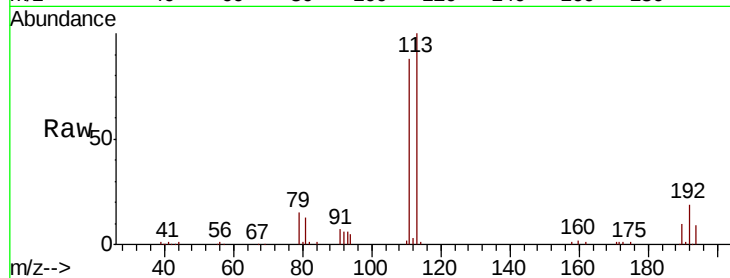
Tot Ion:113 Resp: 52931

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

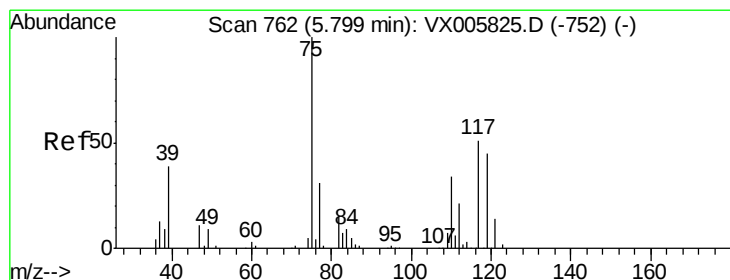
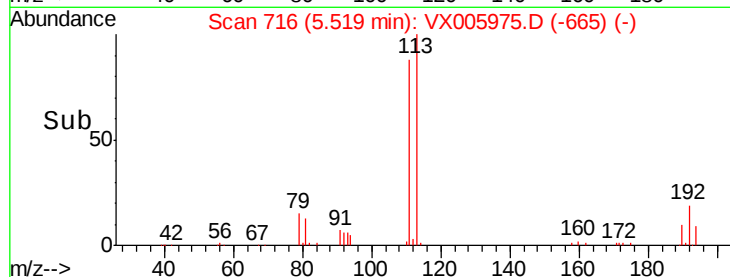
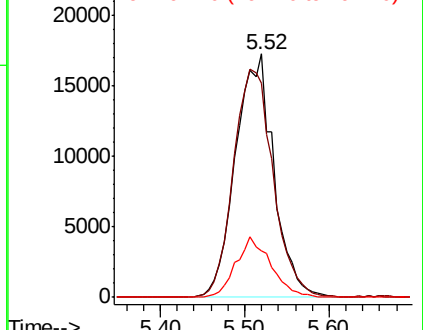
192 22.9 17.9 26.9



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: 4.980 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

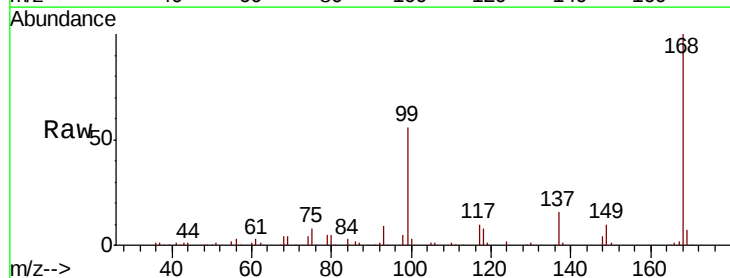
Tgt Ion: 75 Resp: 7831

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.2#

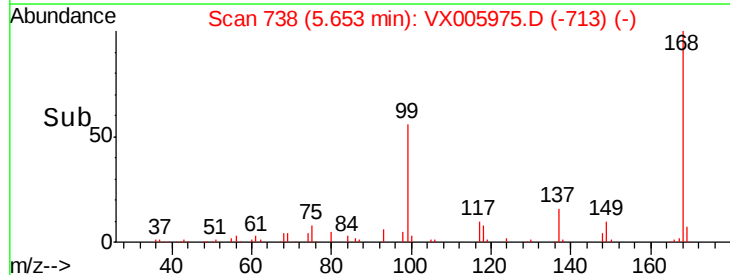
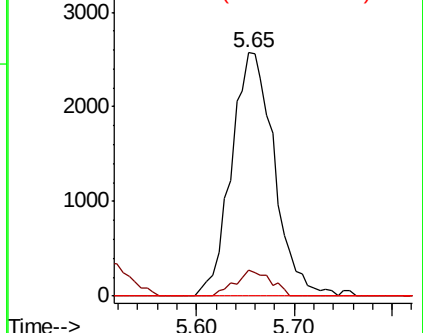
77 0.0 25.8 38.6#

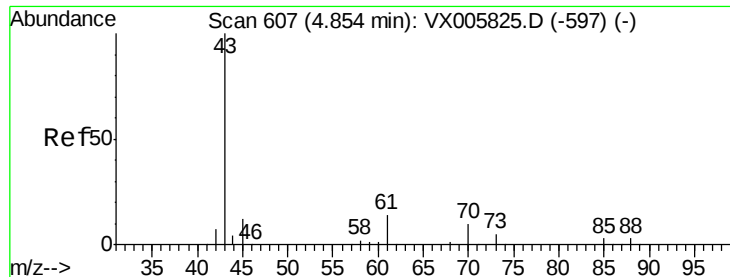


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 2.557 ug/l

RT: 4.90 min Scan# 614

Delta R.T. 0.04 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

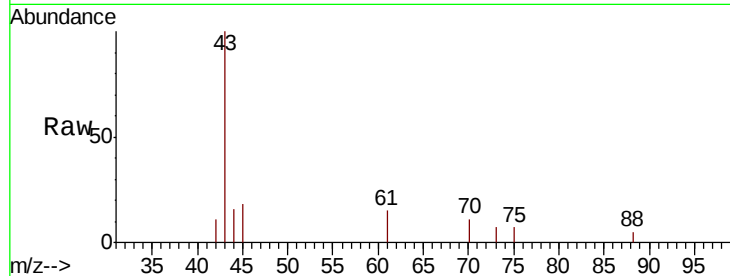
Tot Ion: 43 Resp: 5287

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

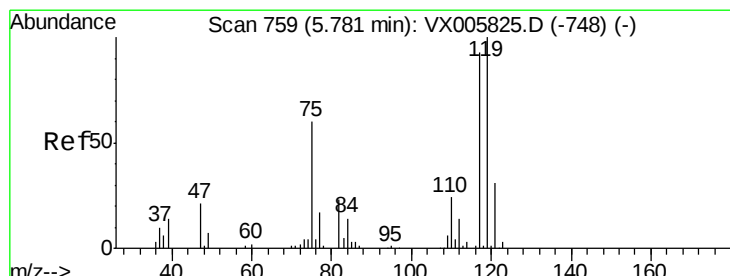
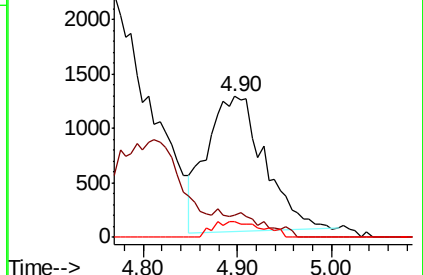
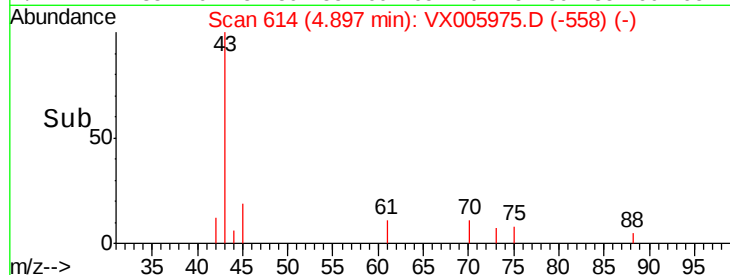
70 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005975.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VX005975.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX005975.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

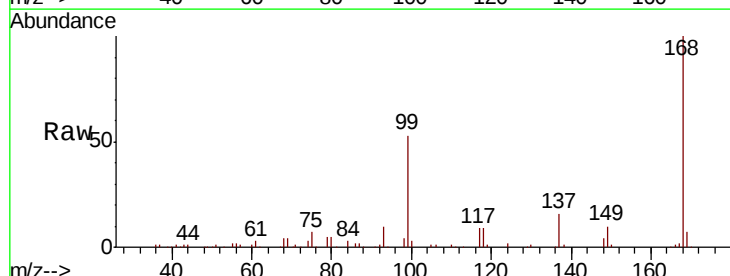
Tgt Ion: 117 Resp: 9903

Ion Ratio Lower Upper

117 100

119 6.0 78.1 117.1#

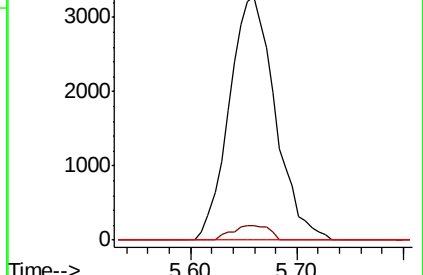
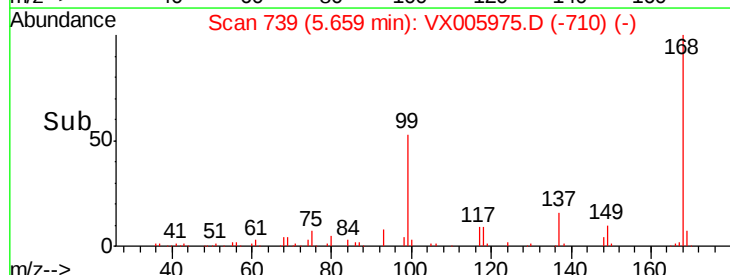
121 0.0 24.6 36.8#

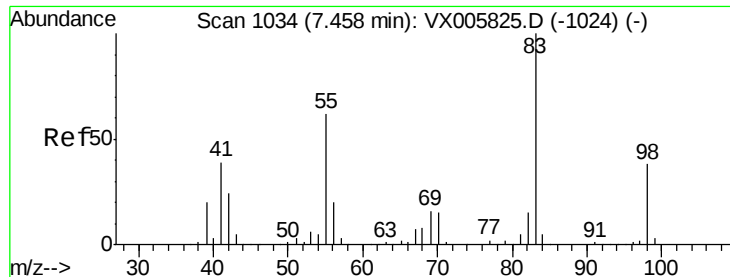


Abundance Ion 116.80 (116.50 to 117.50): VX005975.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX005975.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX005975.D (-710) (-)

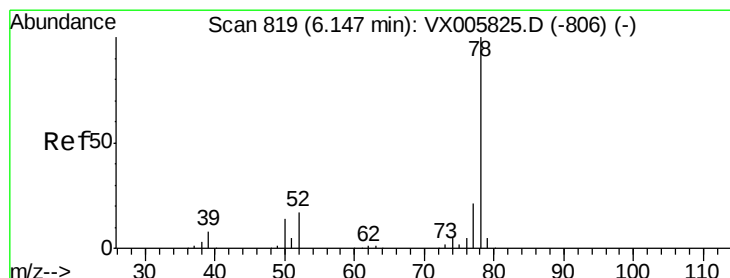
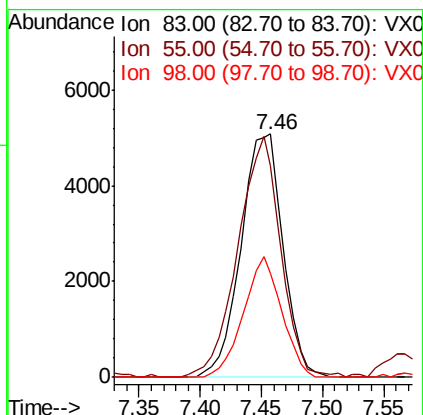
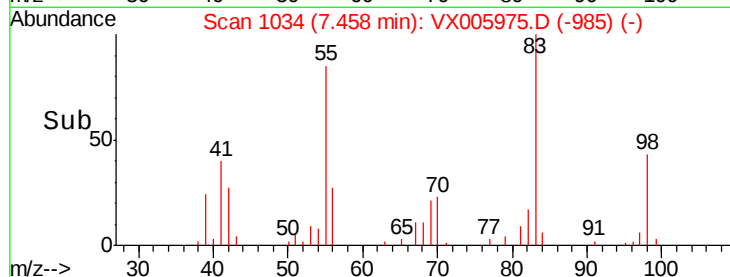
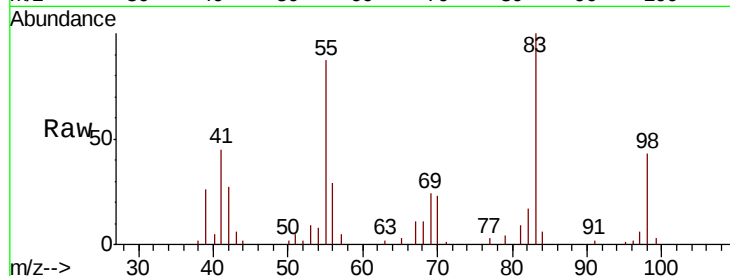




#39
Methvlcvclohexane
Concen: 7.605 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

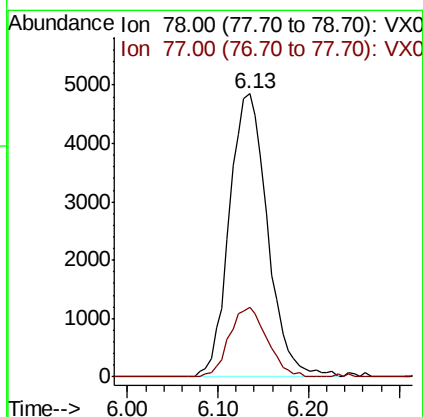
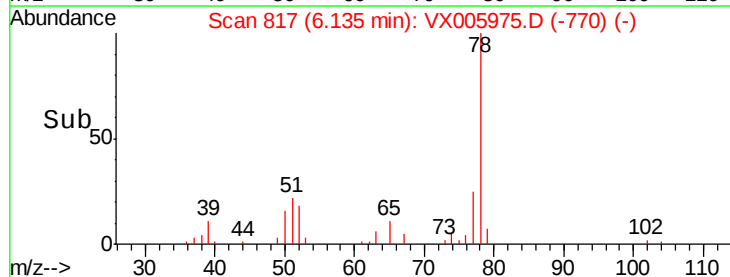
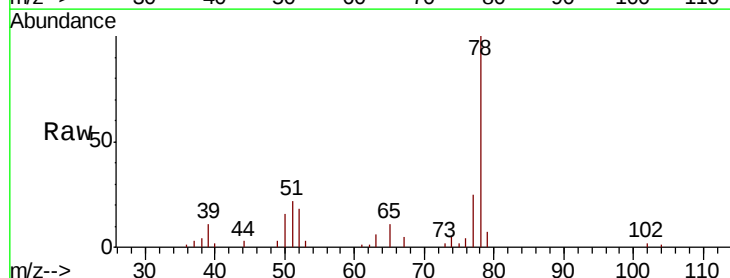
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

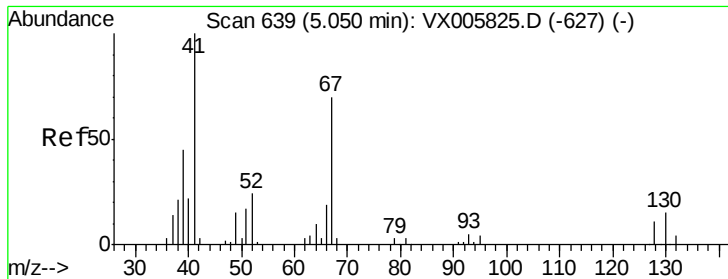
Tot Ion: 83 Resp: 12121
Ion Ratio Lower Upper
83 100
55 85.7 63.7 95.5
98 42.8 36.2 54.2



#40
Benzene
Concen: 3.089 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 78 Resp: 14163
Ion Ratio Lower Upper
78 100
77 24.6 18.4 27.6





#41

Methacrylonitrile

Concen: 0.412 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.16 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

Tot Ion: 41 Resp: 460

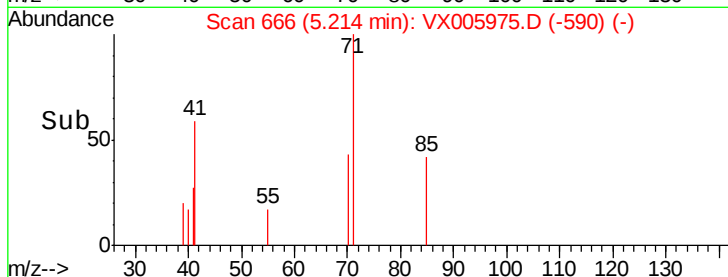
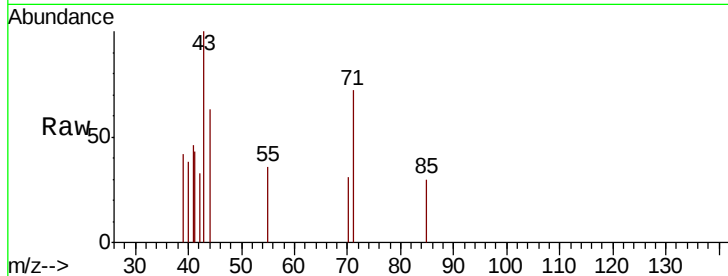
Ion Ratio Lower Upper

41 100

39 0.0 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#

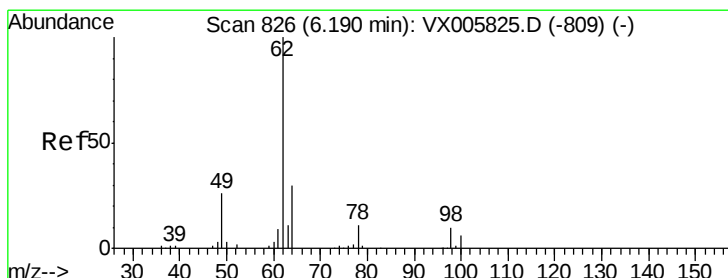
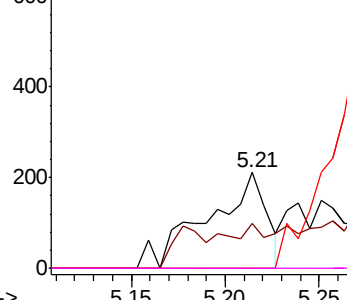


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.855 ug/l

RT: 6.21 min Scan# 829

Delta R.T. 0.02 min

Lab File: VX005975.D

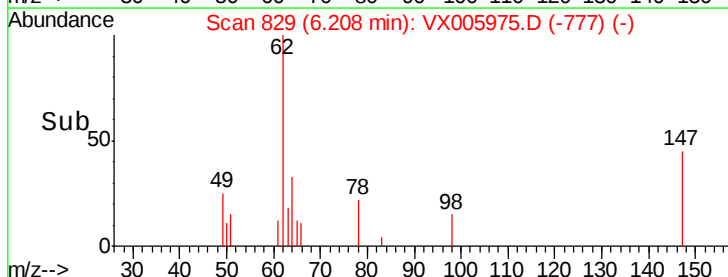
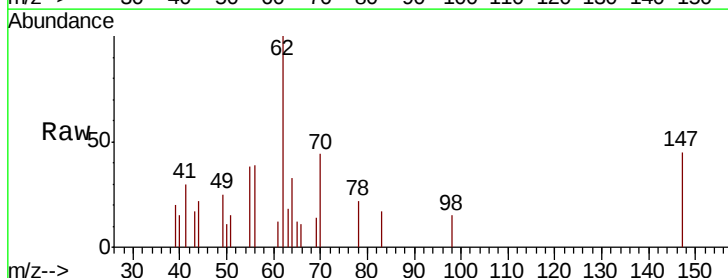
Acq: 14 Nov 2018 15:42

Tgt Ion: 62 Resp: 1404

Ion Ratio Lower Upper

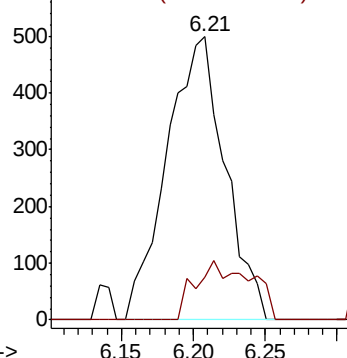
62 100

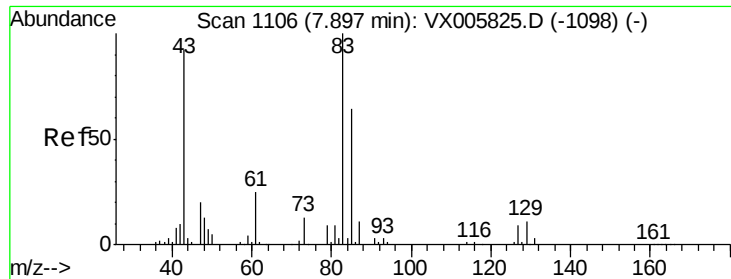
98 19.7 0.0 17.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#47

Bromodichloromethane

Concen: 0.322 ug/l

RT: 7.84 min Scan# 1096

Delta R.T. -0.06 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

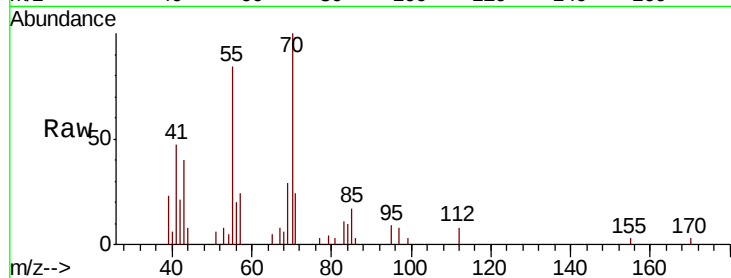
Tot Ion: 83 Resp: 425

Ion Ratio Lower Upper

83 100

85 159.5 50.2 75.4#

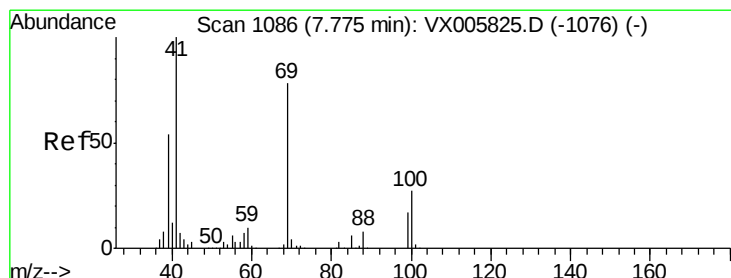
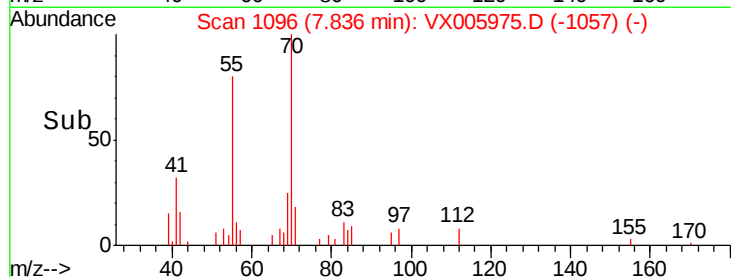
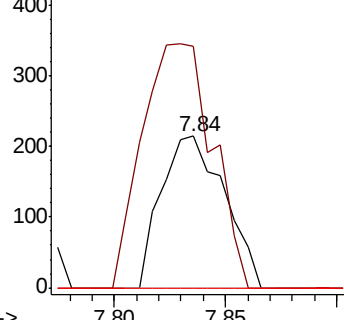
127 0.0 6.9 10.3#



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

Methyl methacrylate

Concen: 1.151 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.05 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

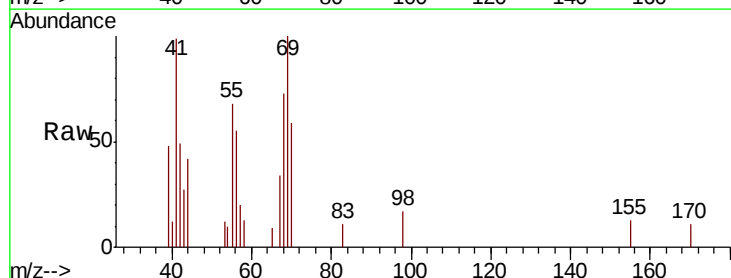
Tgt Ion: 41 Resp: 1548

Ion Ratio Lower Upper

41 100

69 93.0 63.2 94.8

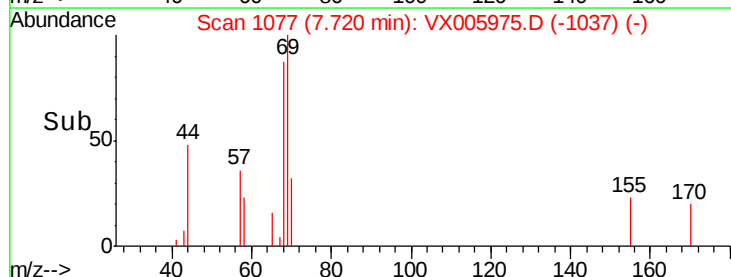
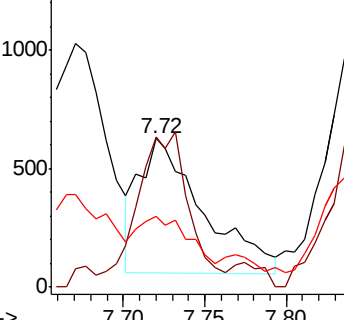
39 28.9 42.2 63.2#

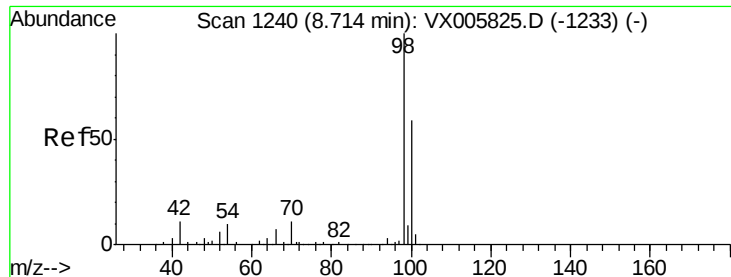


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

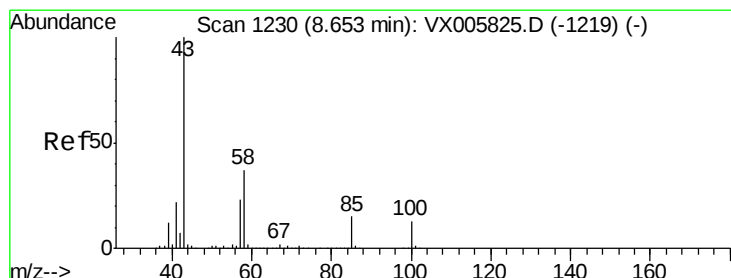
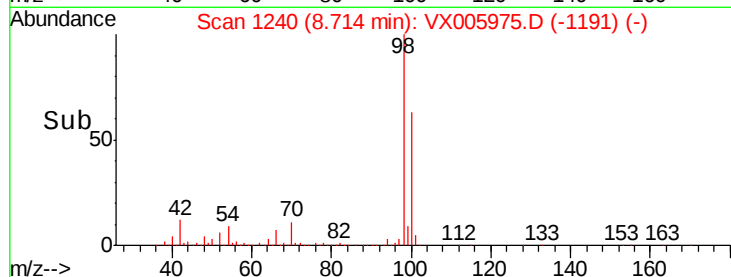
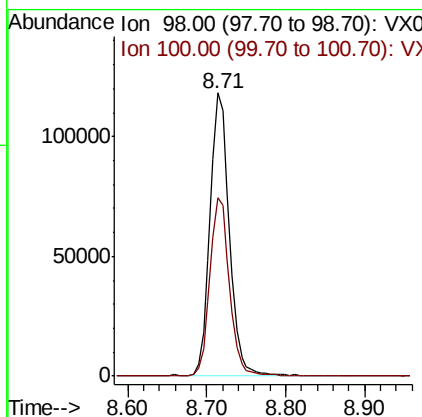
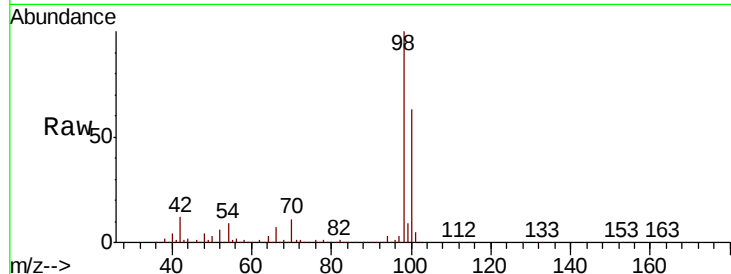




#50
Toluene-d8
Concen: 54.837 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

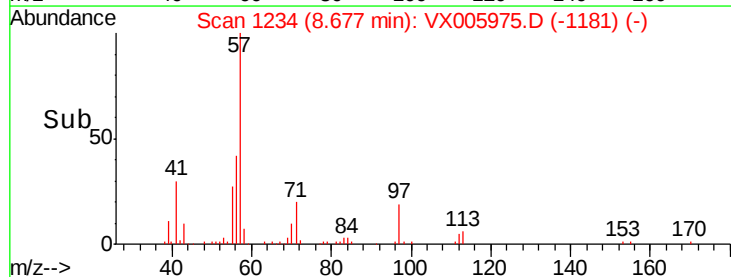
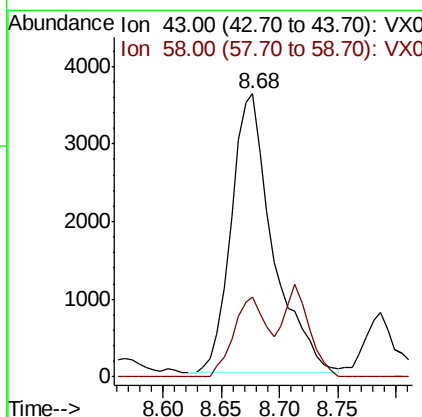
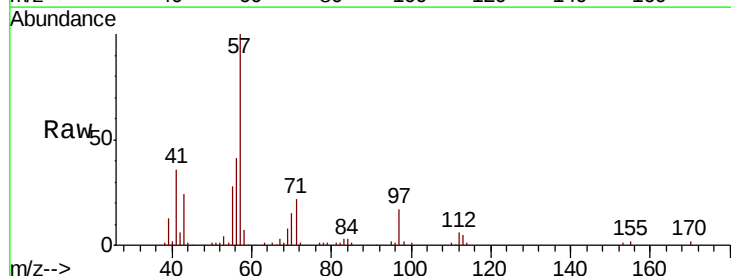
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

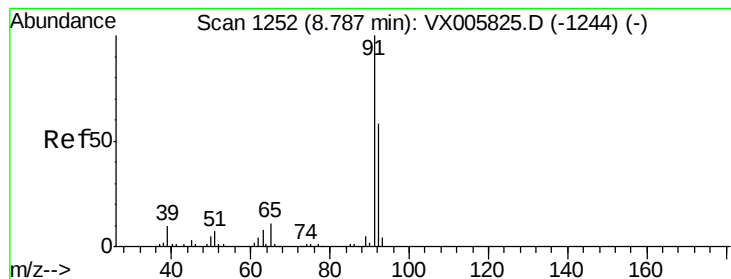
Tot Ion: 98 Resp: 202272
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 4.735 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 43 Resp: 8943
Ion Ratio Lower Upper
43 100
58 23.0 29.7 44.5#





#52

Toluene

Concen: 26.952 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

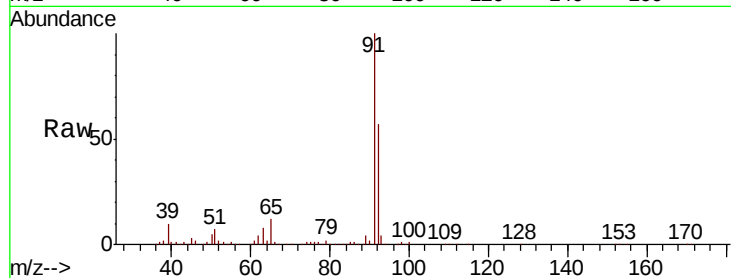
EP2-SB-106(2-4)ME

Tot Ion: 92 Resp: 69054

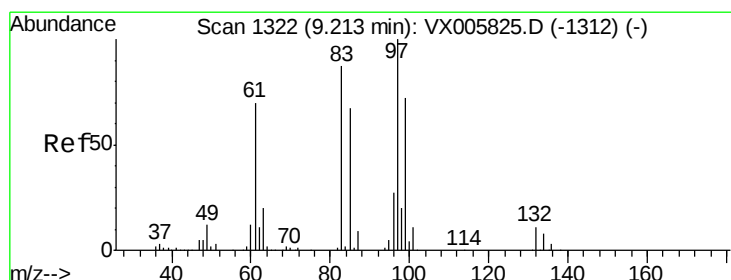
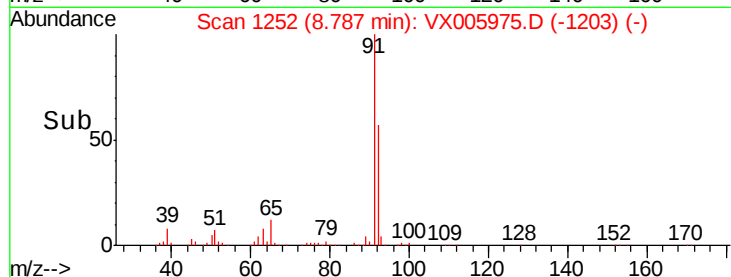
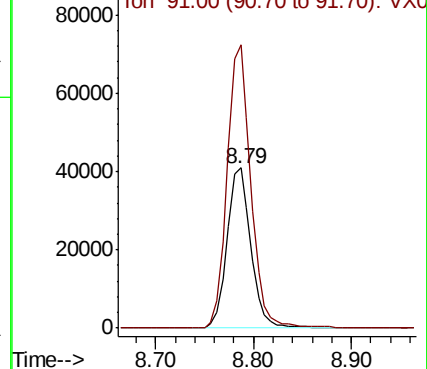
Ion Ratio Lower Upper

92 100

91 176.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005825.D (-1244) (-)



#55

1,1,2-Trichloroethane

Concen: 0.336 ug/l

RT: 9.26 min Scan# 1330

Delta R.T. 0.05 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Tgt Ion: 97 Resp: 384

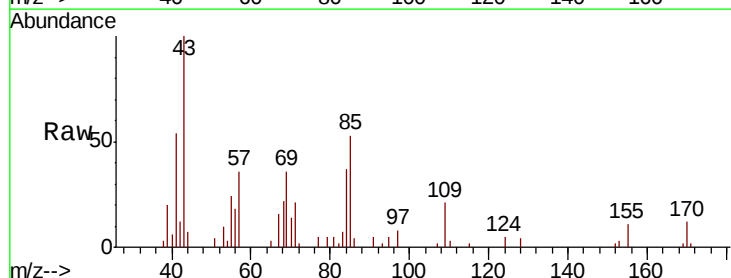
Ion Ratio Lower Upper

97 100

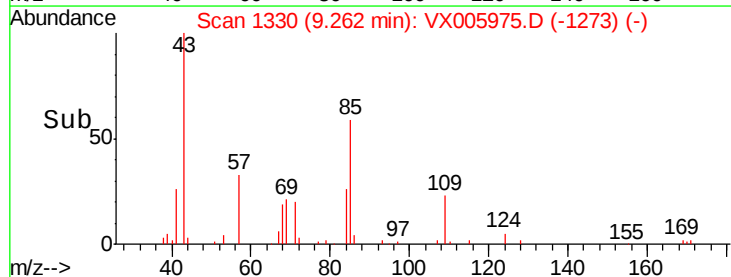
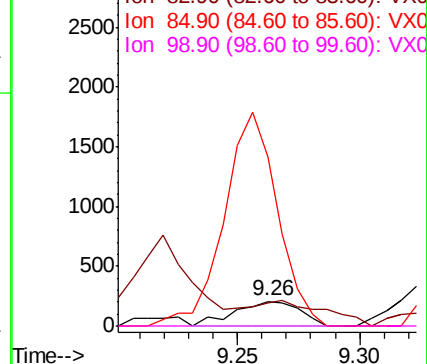
83 48.8 70.7 106.1#

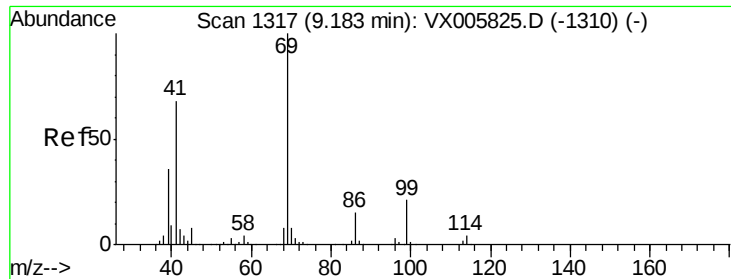
85 692.2 45.8 68.6#

99 0.0 51.8 77.8#



Abundance Ion 96.90 (96.60 to 97.60): VX005825.D (-1312) (-)





#56

Ethyl methacrylate

Concen: 1.306 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

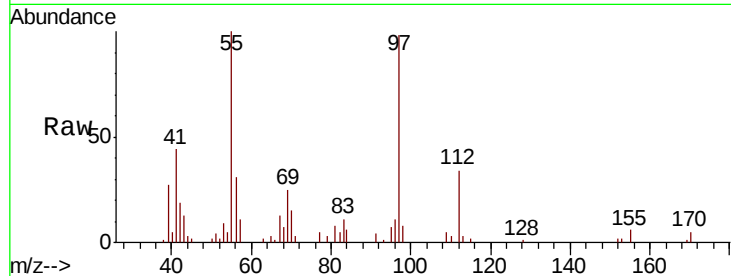
Tot Ion: 69 Resp: 2231

Ion Ratio Lower Upper

69 100

41 117.3 57.0 85.6#

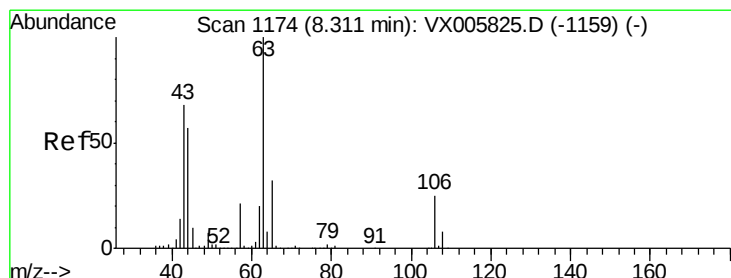
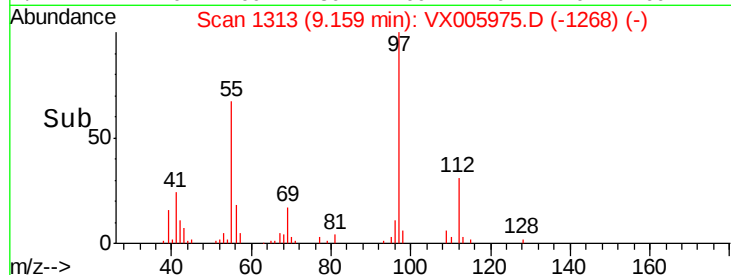
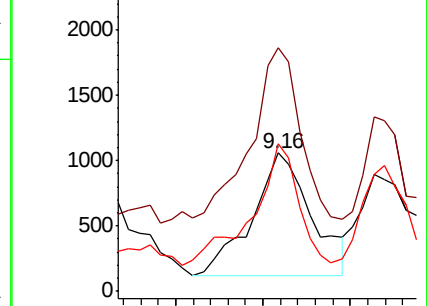
39 77.0 28.3 42.5#



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: 8.373 ug/l

RT: 8.26 min Scan# 1166

Delta R.T. -0.05 min

Lab File: VX005975.D

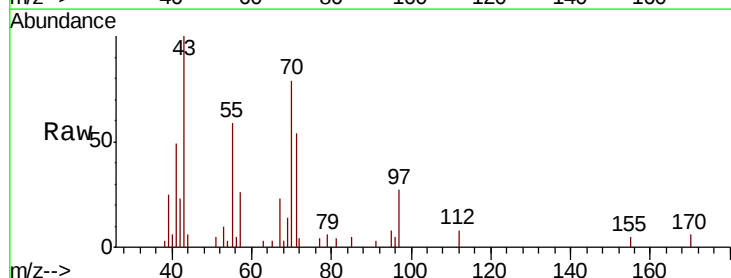
Acq: 14 Nov 2018 15:42

Tgt Ion: 63 Resp: 91

Ion Ratio Lower Upper

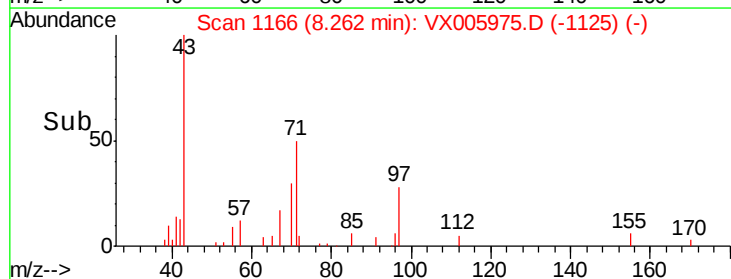
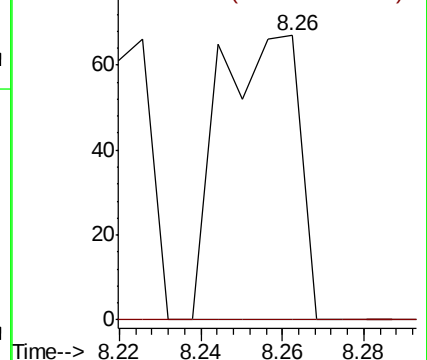
63 100

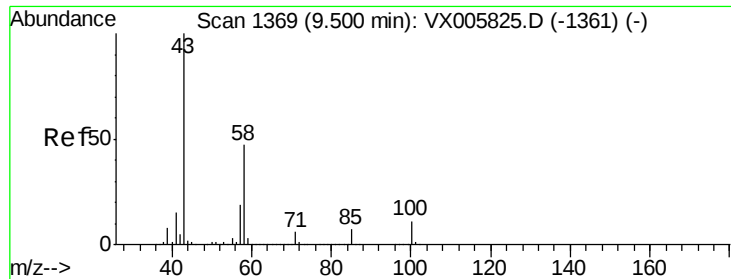
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

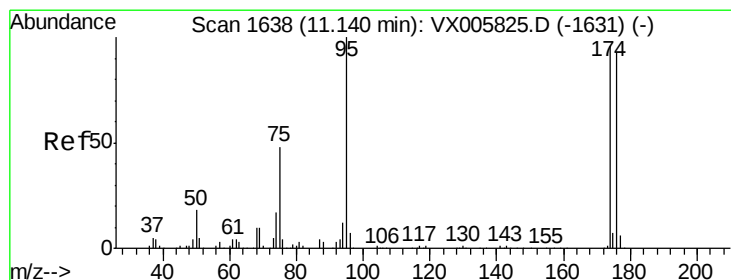
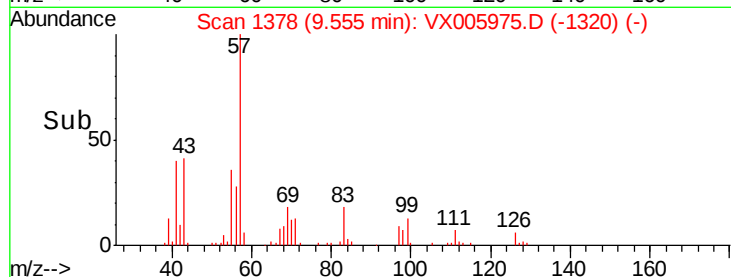
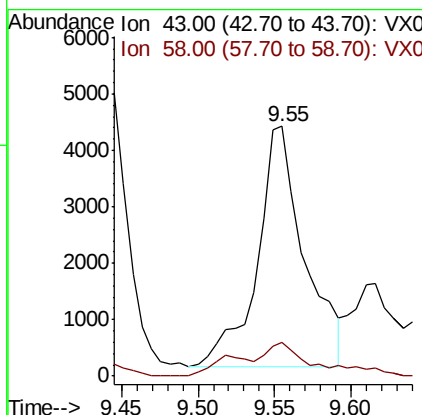
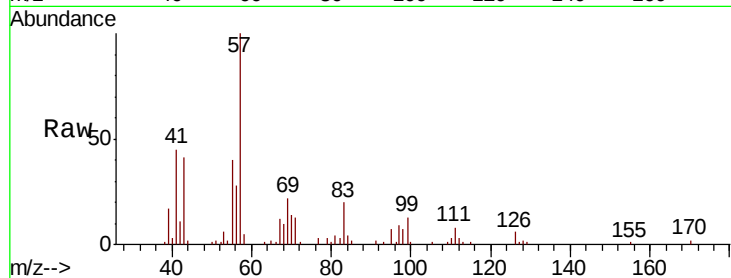




#59
2-Hexanone
Concen: 5.557 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

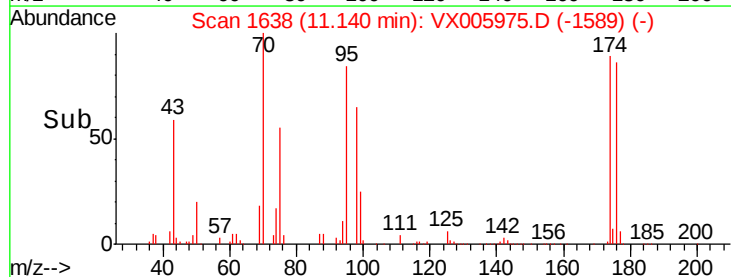
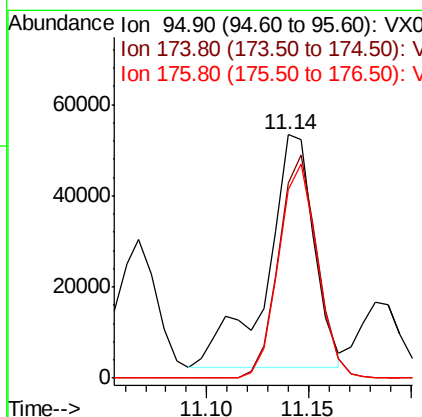
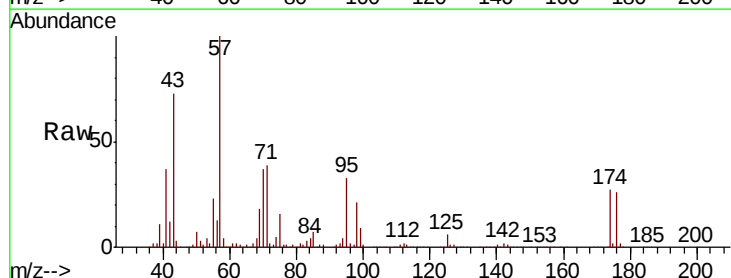
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

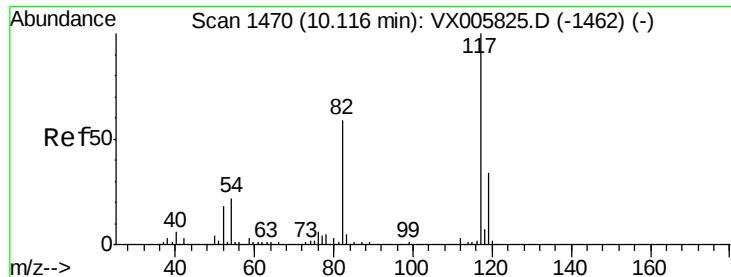
Tot Ion: 43 Resp: 9251
Ion Ratio Lower Upper
43 100
58 14.7 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 62.259 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 95 Resp: 82567
Ion Ratio Lower Upper
95 100
174 79.0 0.0 184.4
176 76.6 0.0 177.4

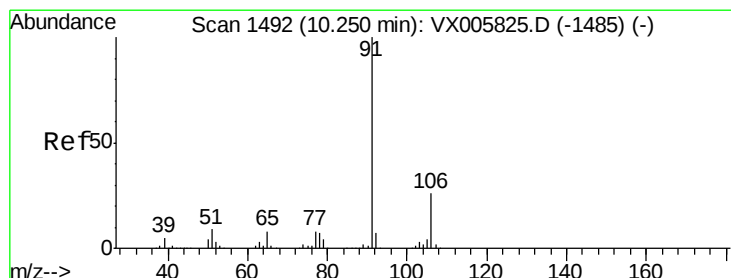
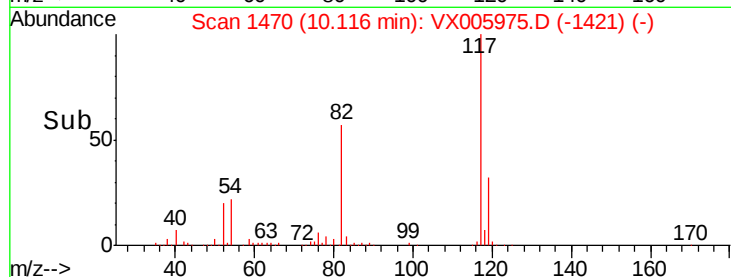
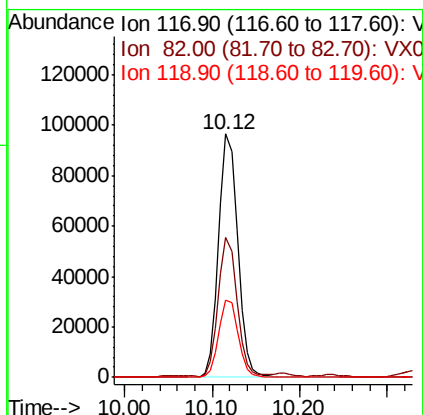
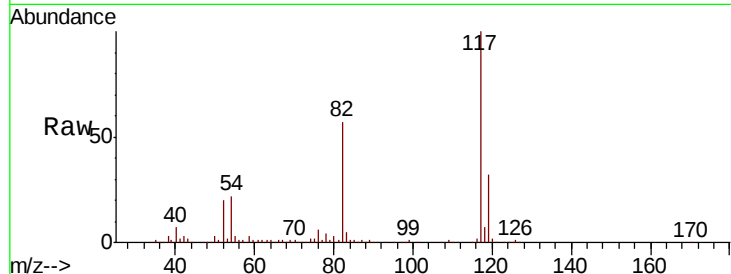




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

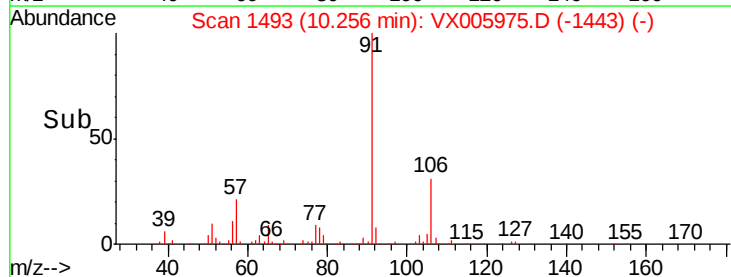
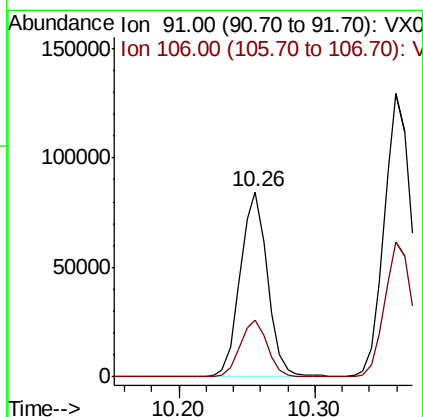
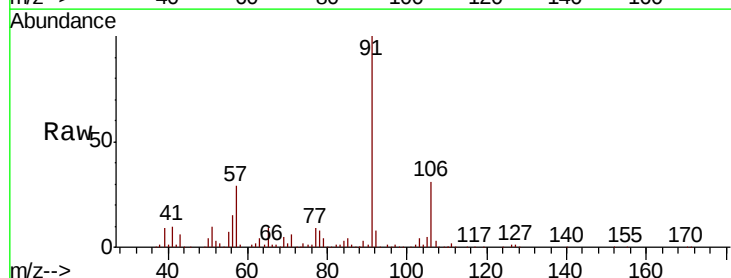
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

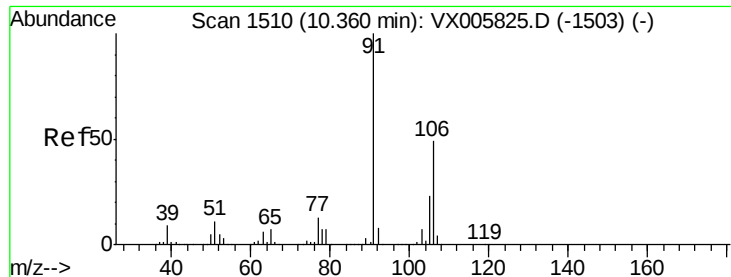
Tot Ion:117 Resp: 147051
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 24.947 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 91 Resp: 117845
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

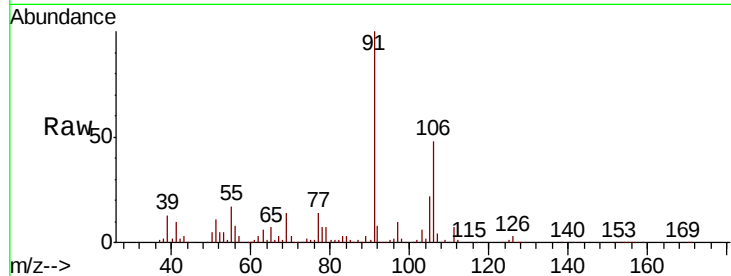




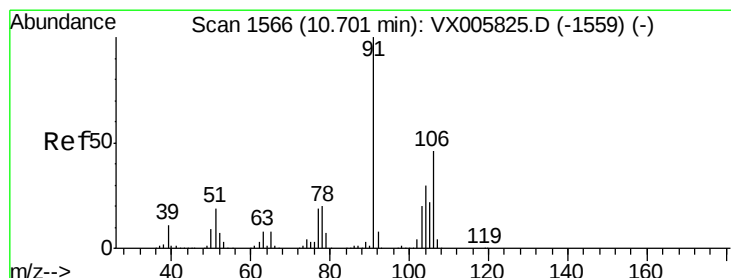
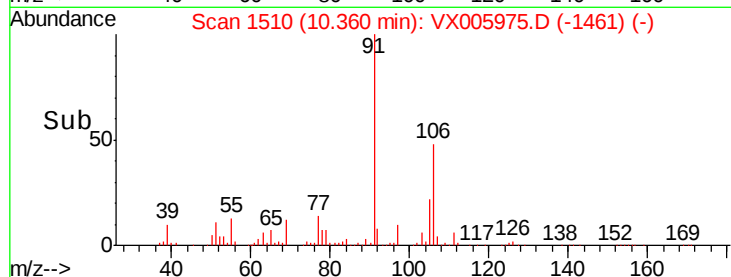
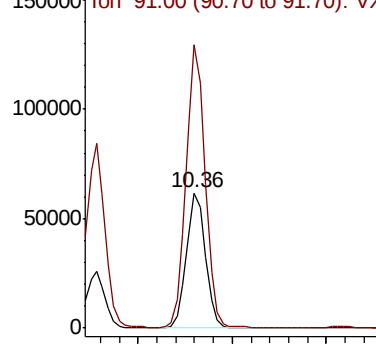
#68
m/p-Xylenes
Concen: 48.281 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

Tot Ion:106 Resp: 86995
Ion Ratio Lower Upper
106 100
91 208.6 164.2 246.4

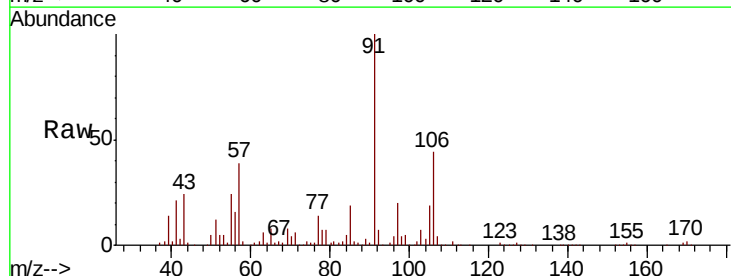


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

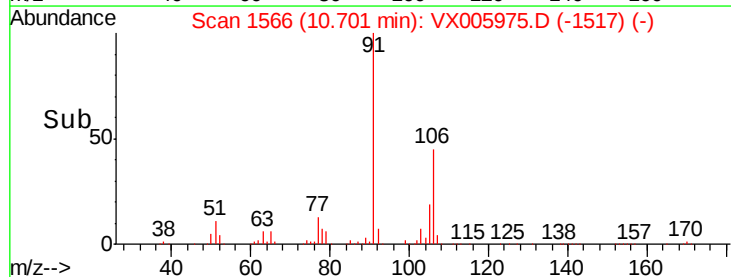
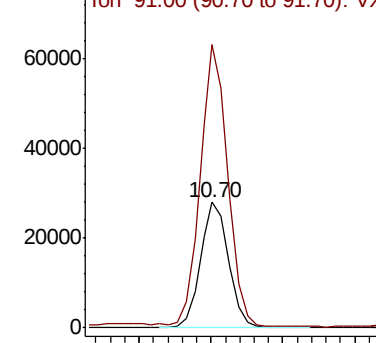


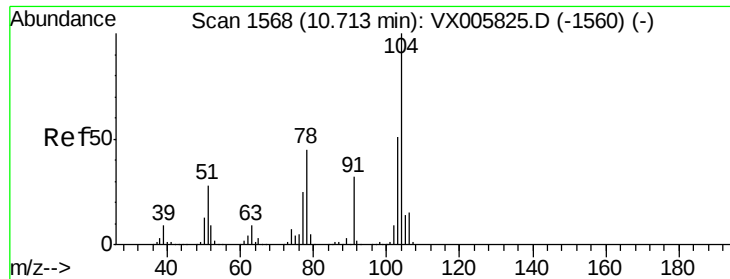
#69
o-Xylene
Concen: 23.619 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion:106 Resp: 38161
Ion Ratio Lower Upper
106 100
91 221.3 108.5 325.5



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

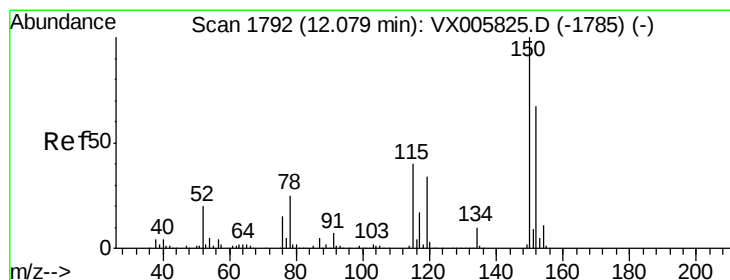
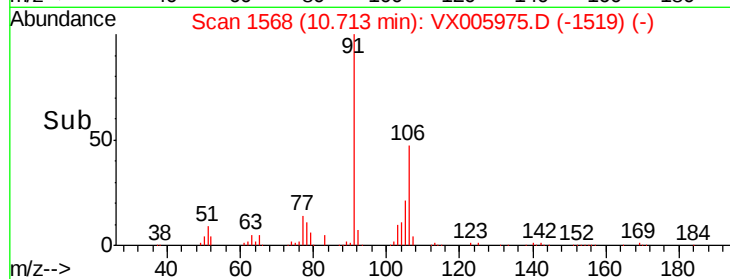
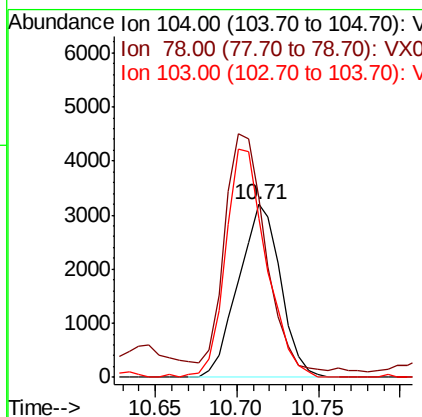
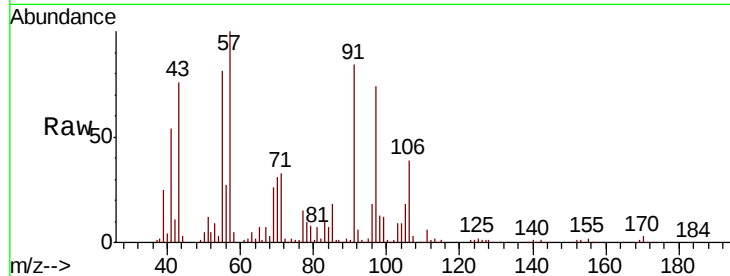




#70
Stvrene
Concen: 2.153 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

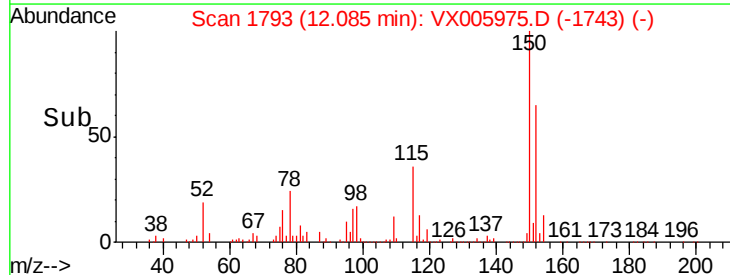
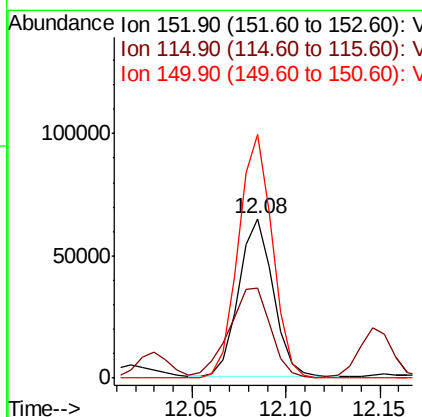
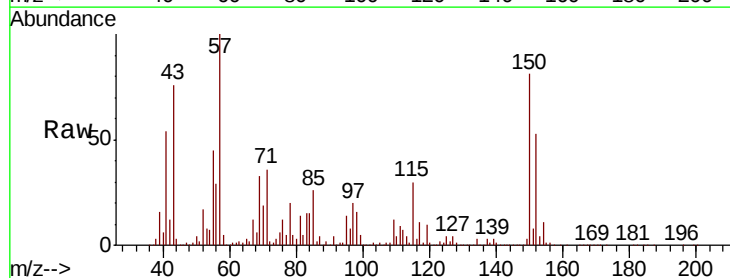
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

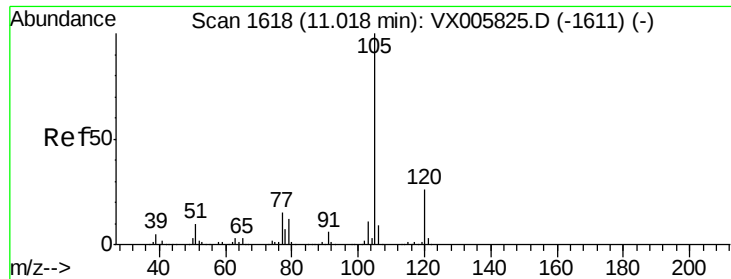
Tot Ion:104 Resp: 5738
Ion Ratio Lower Upper
104 100
78 135.1 40.2 60.4#
103 127.7 44.9 67.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion:152 Resp: 82525
Ion Ratio Lower Upper
152 100
115 66.8 39.4 118.1
150 150.9 0.0 346.4





#73

Isopropylbenzene

Concen: 8.337 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

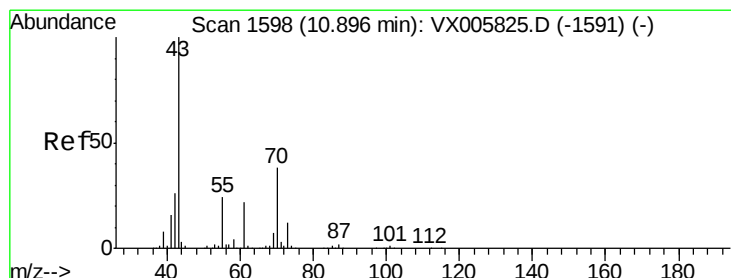
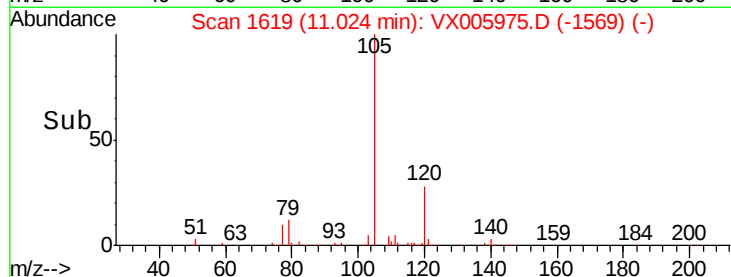
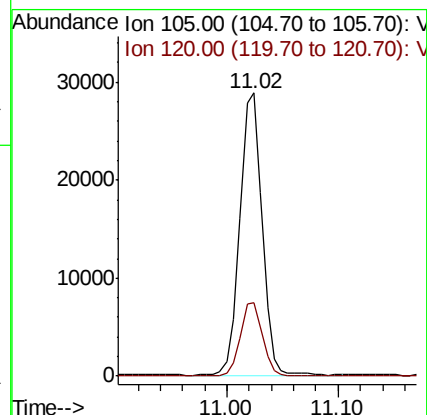
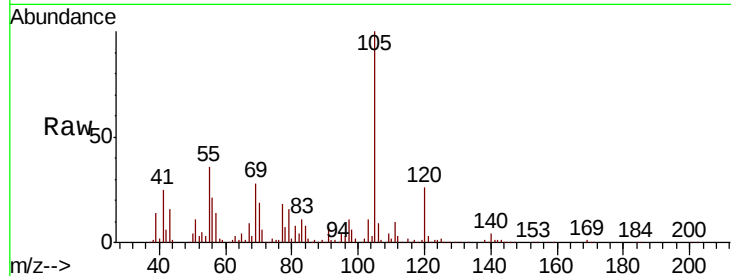
EP2-SB-106(2-4)ME

Tot Ion:105 Resp: 39789

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 45.510 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Tgt Ion: 43 Resp: 121554

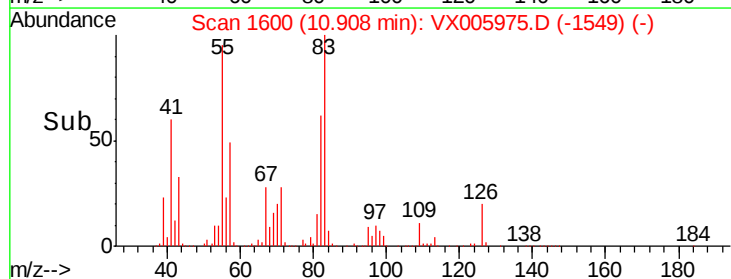
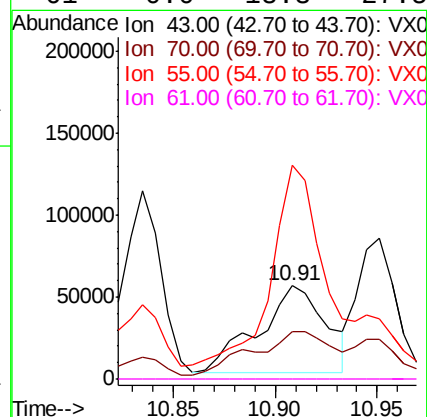
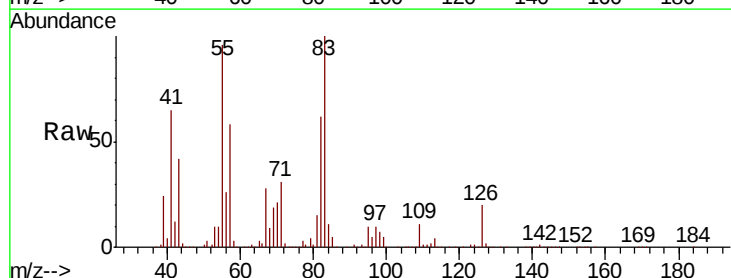
Ion Ratio Lower Upper

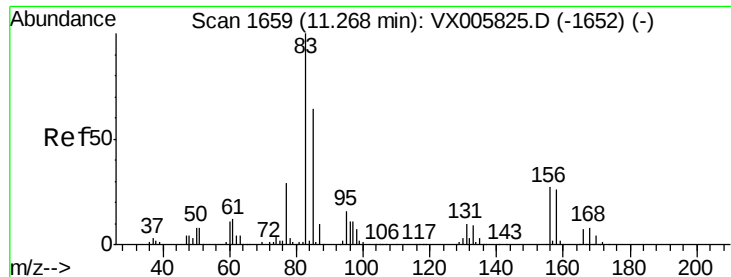
43 100

70 57.6 31.6 47.4#

55 206.1 19.7 29.5#

61 0.0 18.3 27.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 33.315 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

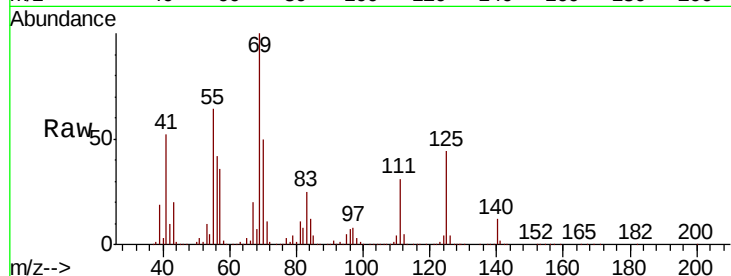
Tot Ion: 83 Resp: 58356

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

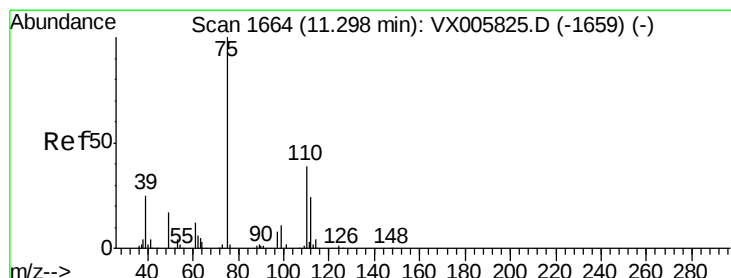
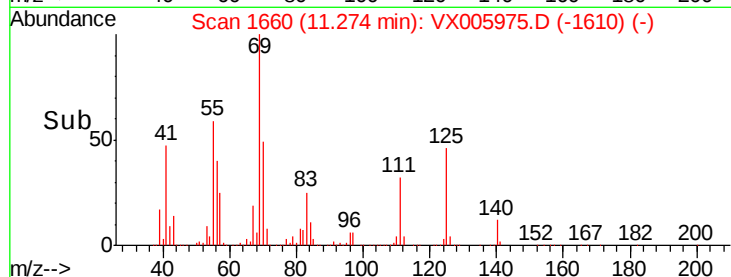
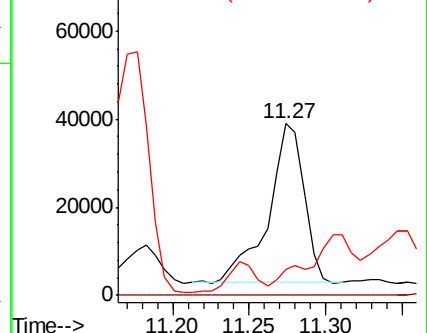
85 0.0 32.0 96.2#



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: 1.891 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX005975.D

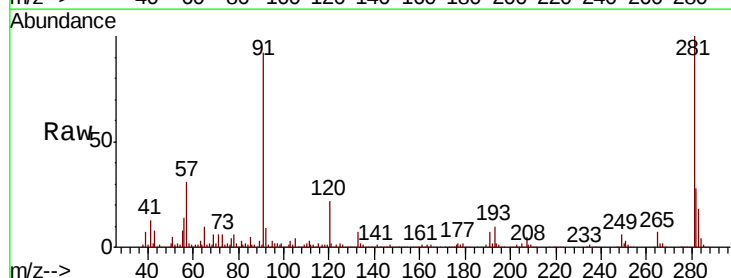
Acq: 14 Nov 2018 15:42

Tgt Ion: 75 Resp: 3178

Ion Ratio Lower Upper

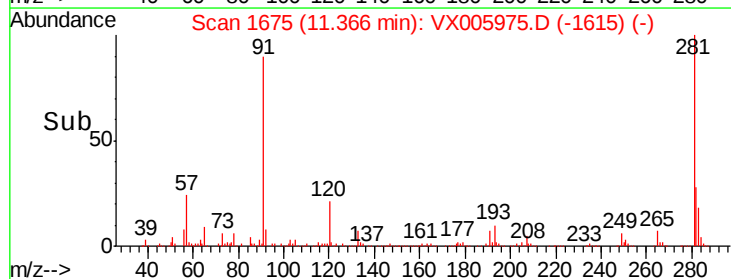
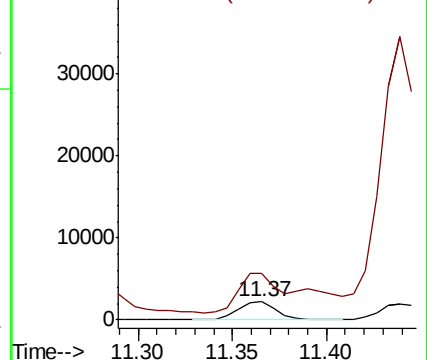
75 100

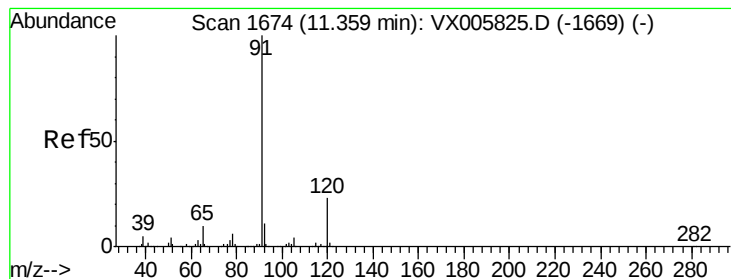
77 213.1 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 31.099 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

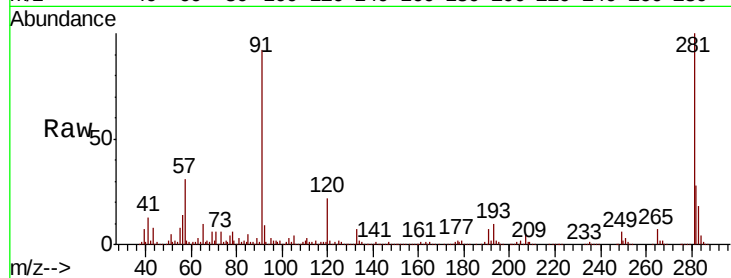
EP2-SB-106(2-4)ME

Tot Ion: 91 Resp: 174909

Ion Ratio Lower Upper

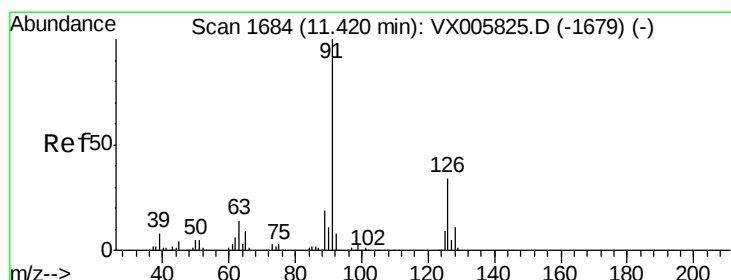
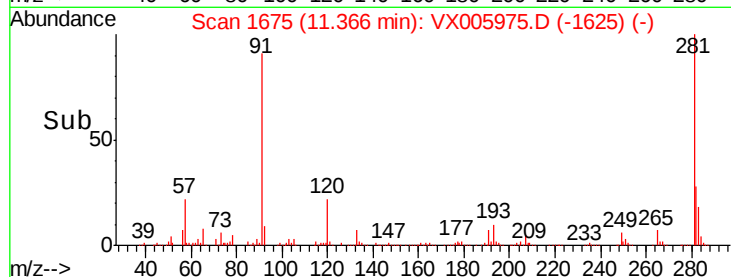
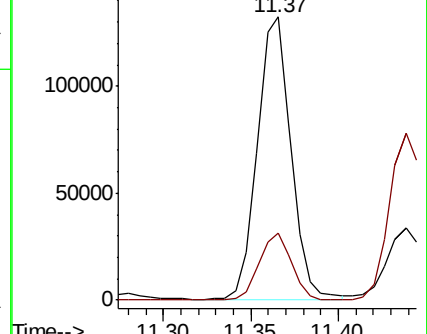
91 100

120 22.9 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: 18.839 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX005975.D

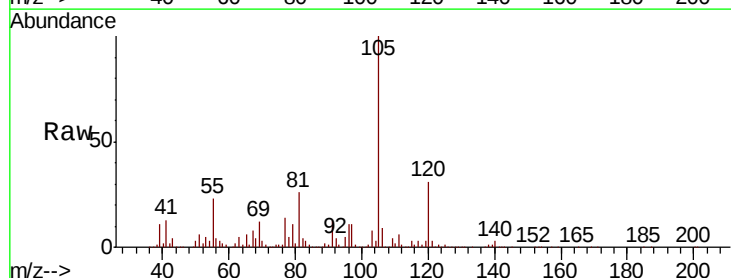
Acq: 14 Nov 2018 15:42

Tgt Ion: 91 Resp: 64044

Ion Ratio Lower Upper

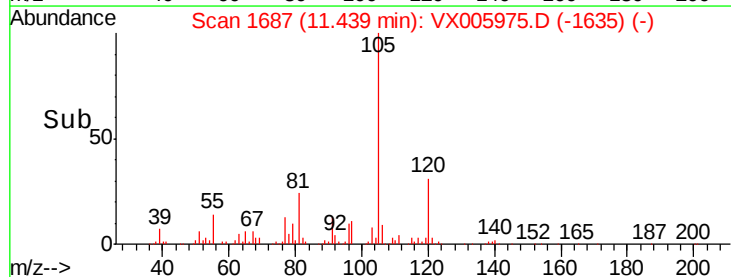
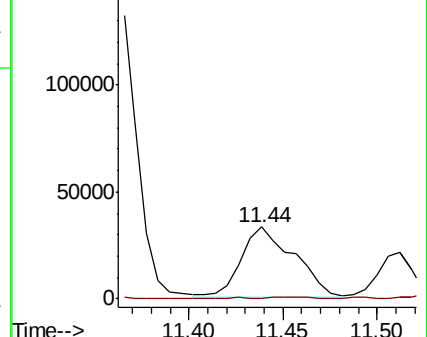
91 100

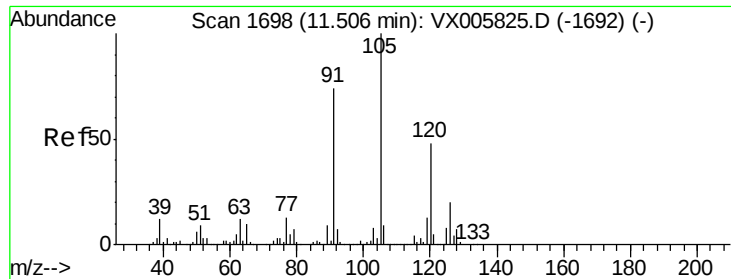
126 2.7 17.3 52.0#



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: 59.429 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

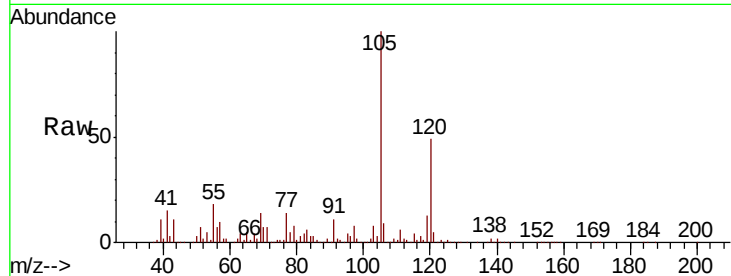
EP2-SB-106(2-4)ME

Tot Ion:105 Resp: 241012

Ion Ratio Lower Upper

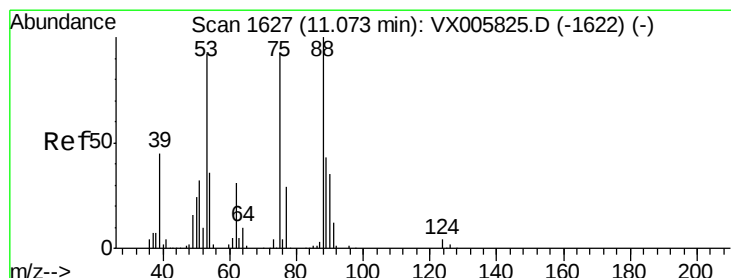
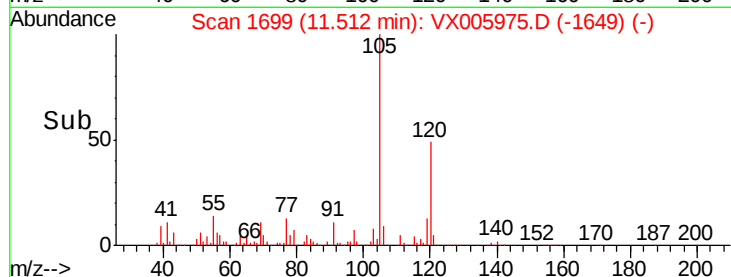
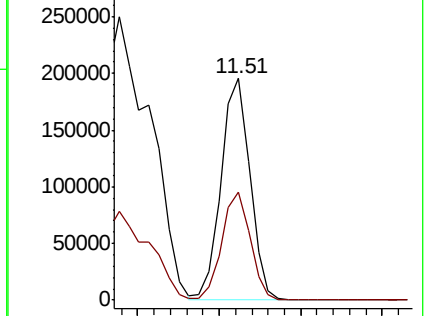
105 100

120 48.1 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: 69.451 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

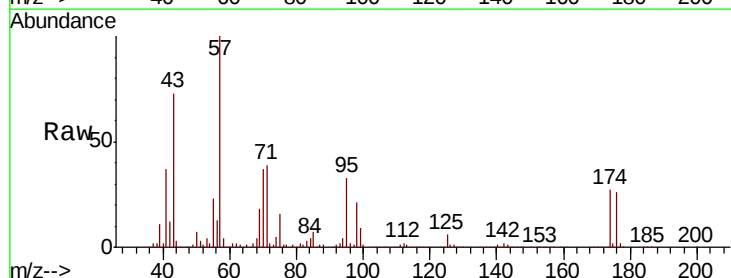
Tgt Ion: 75 Resp: 36617

Ion Ratio Lower Upper

75 100

53 16.8 80.2 120.2#

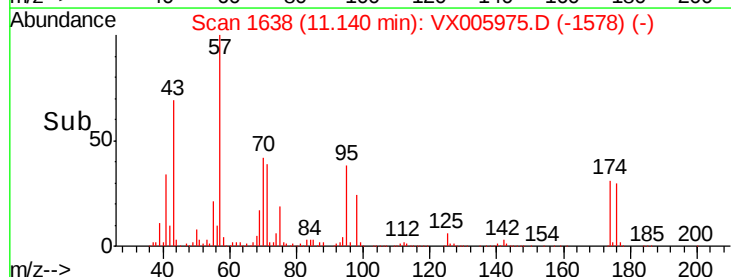
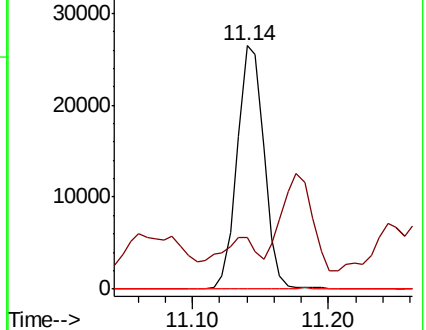
89 0.0 39.8 59.8#

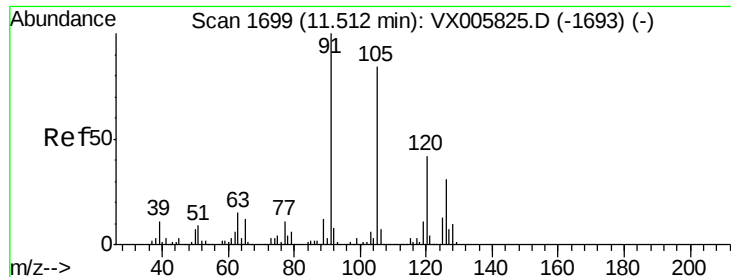


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

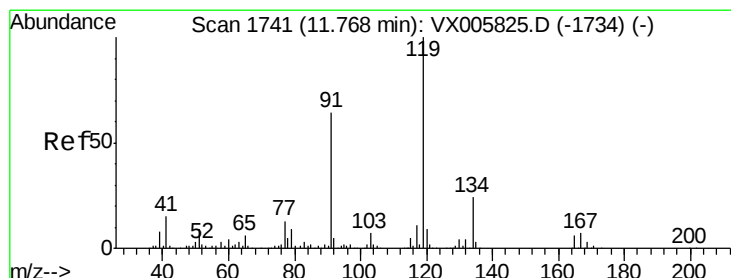
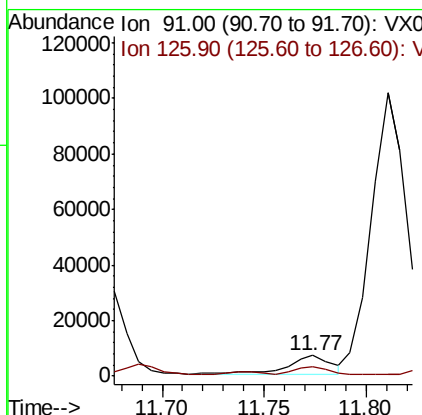
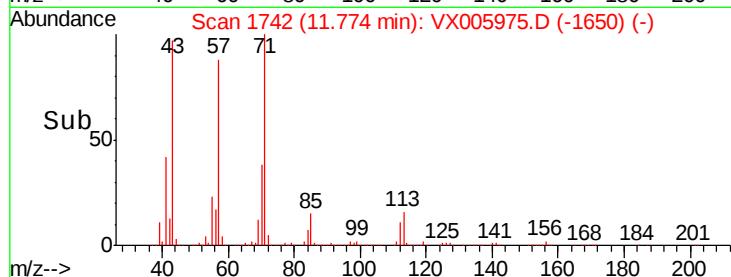
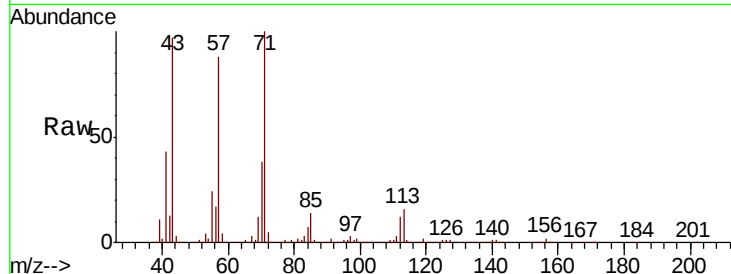




#82
4-Chlorotoluene
Concen: 2.386 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.26 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

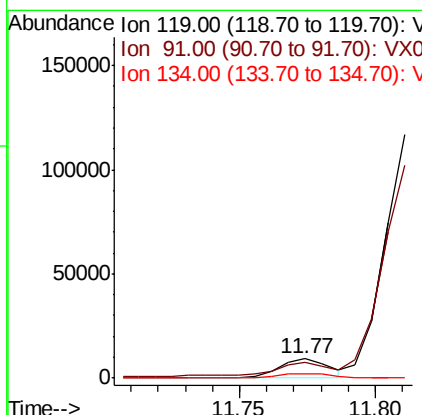
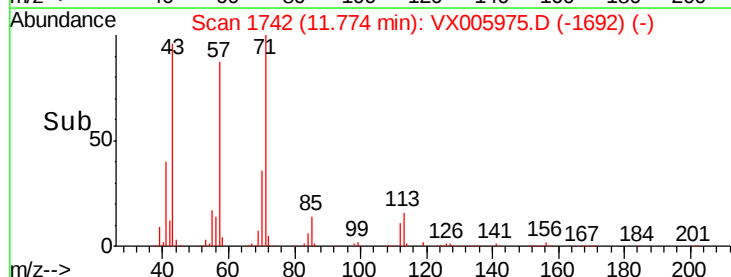
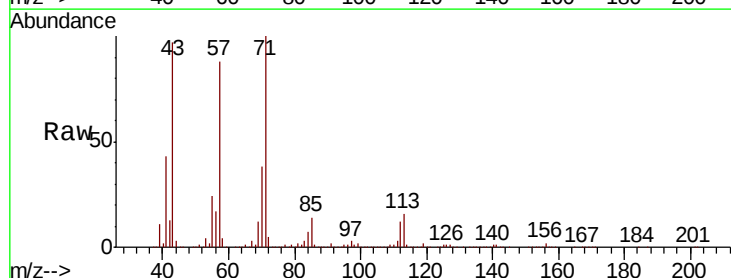
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

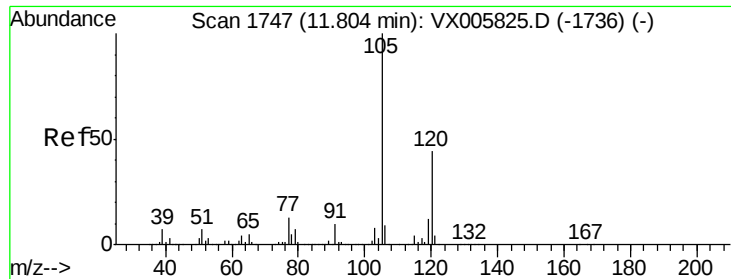
Tot Ion: 91 Resp: 9559
Ion Ratio Lower Upper
91 100
126 28.0 15.2 45.6



#83
tert-Butylbenzene
Concen: 2.775 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 119 Resp: 11386
Ion Ratio Lower Upper
119 100
91 84.0 28.5 85.5
134 25.4 11.3 33.8

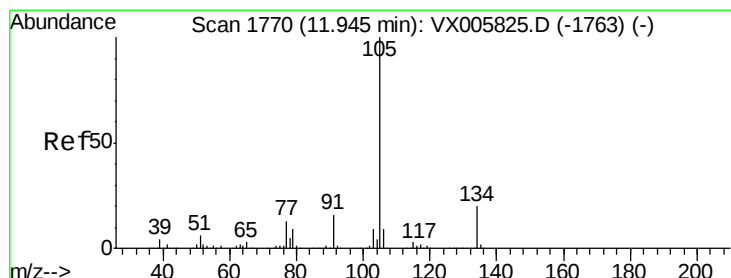
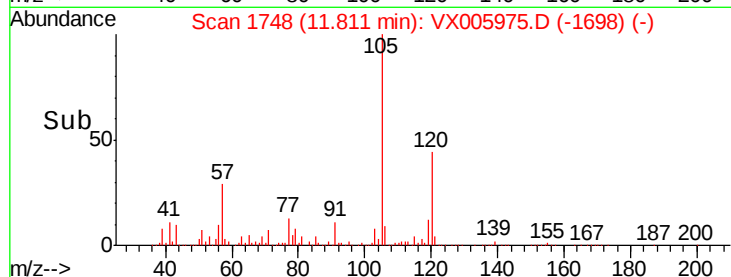
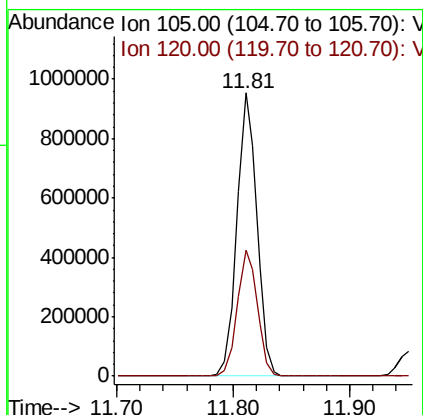
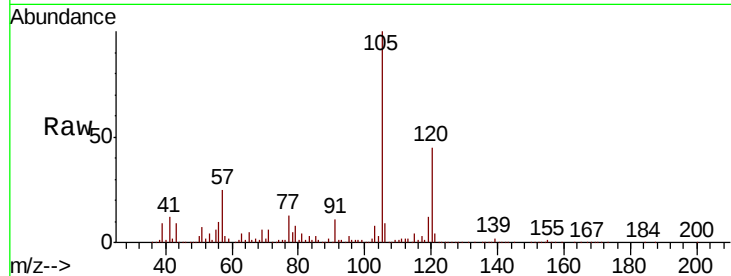




#84
 1,2,4-Trimethylbenzene
 Concen: 255.228 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

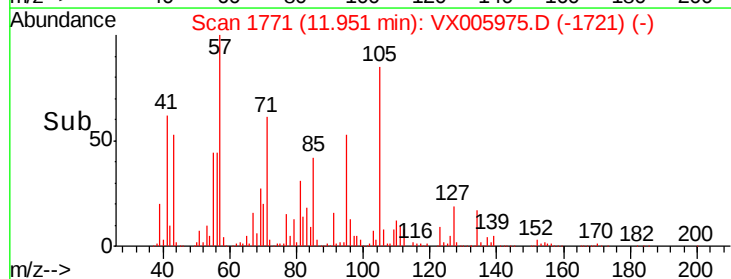
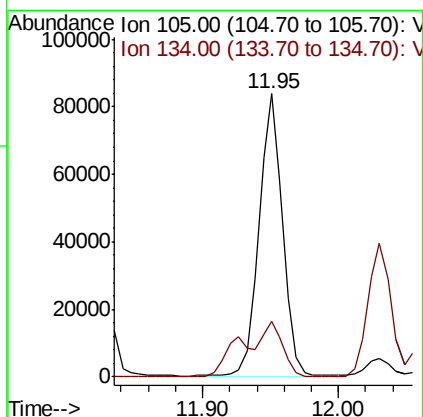
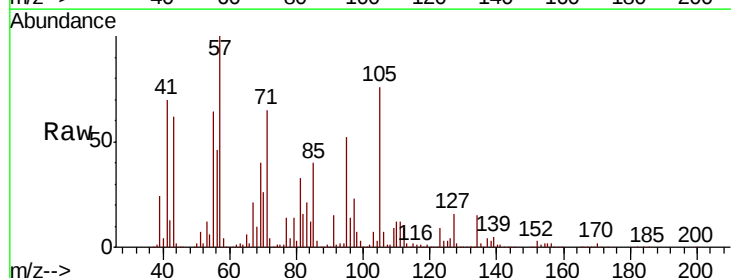
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

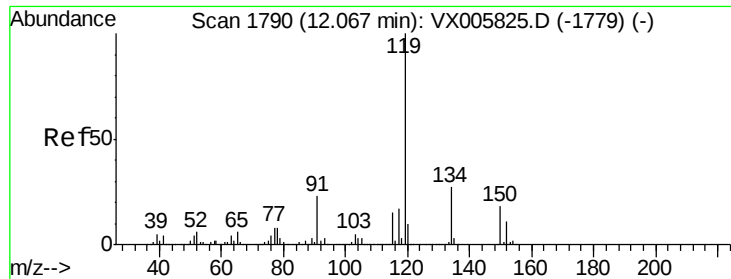
Tot Ion:105 Resp: 1140090
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 20.092 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Tgt Ion:105 Resp: 100805
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.2 30.4

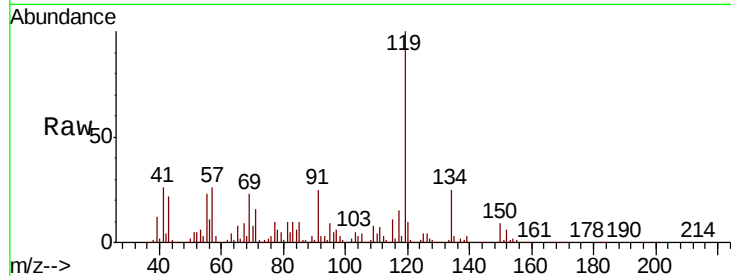




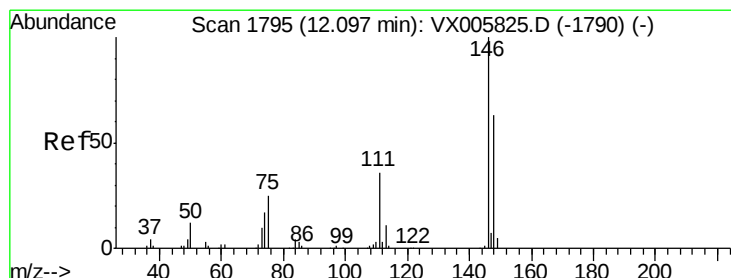
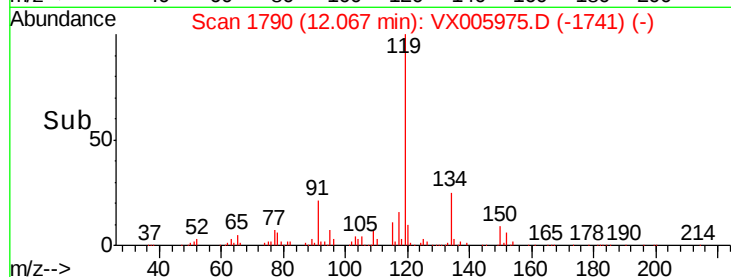
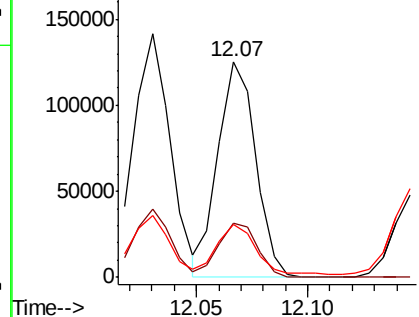
#86
 p-Isopropyltoluene
 Concen: 33.180 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	23.1	11.4	34.2

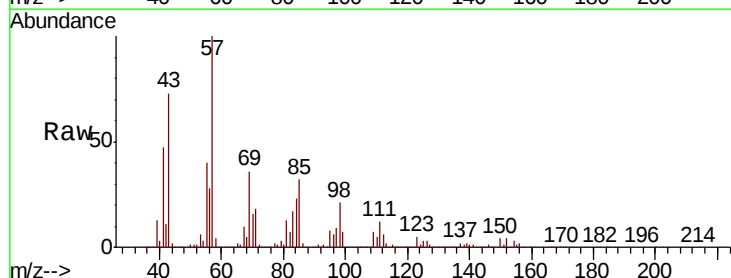


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

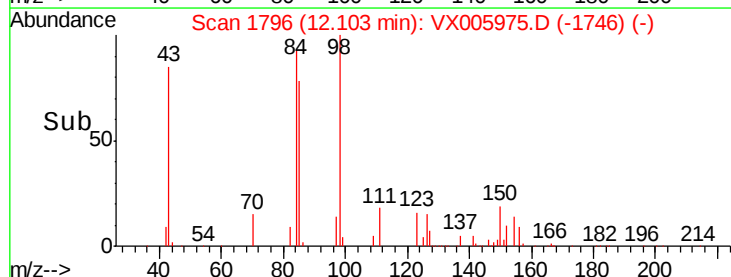
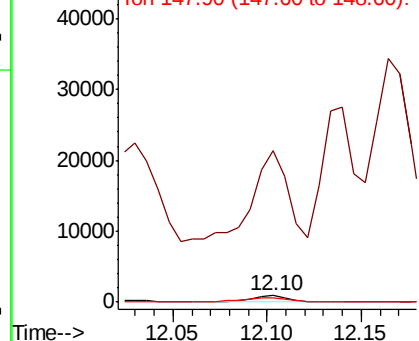


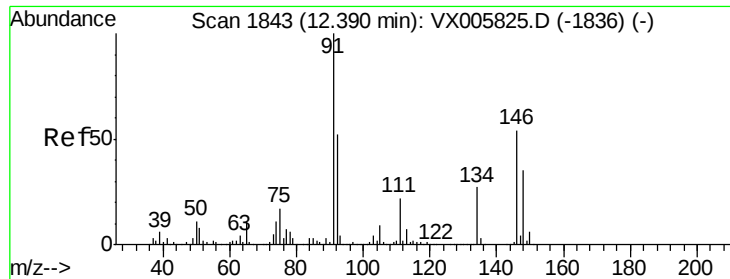
#88
 1,4-Dichlorobenzene
 Concen: 0.478 ug/l
 RT: 12.10 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	1190.5	18.6	55.8#
148	82.6	32.1	96.3



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

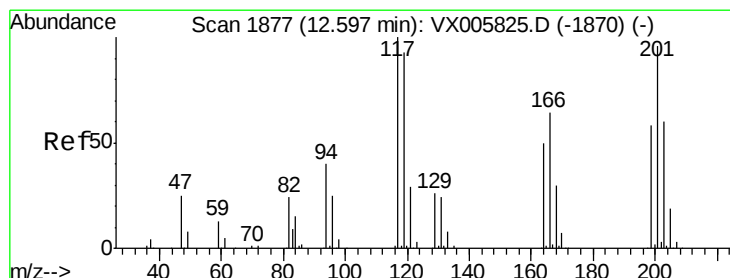
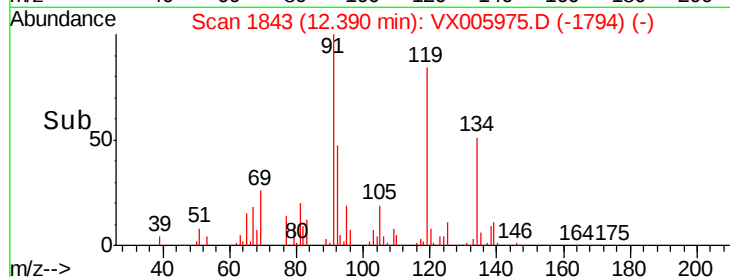
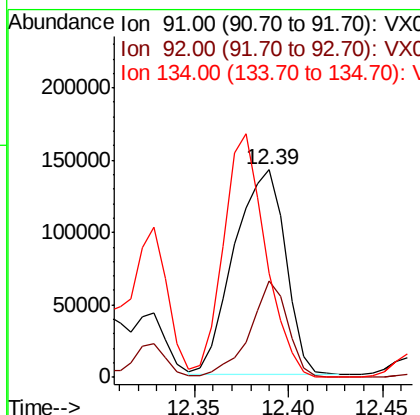
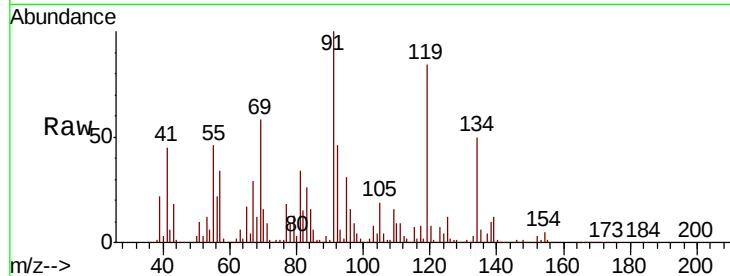




#89
n-Butylbenzene
Concen: 64.591 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

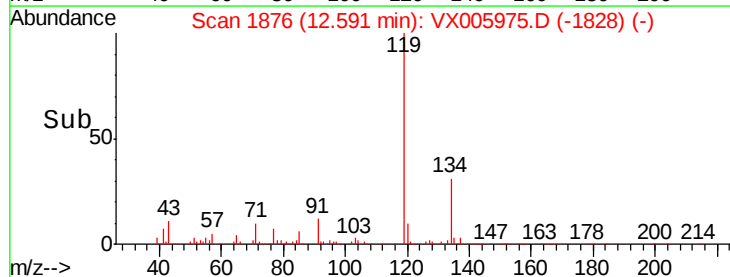
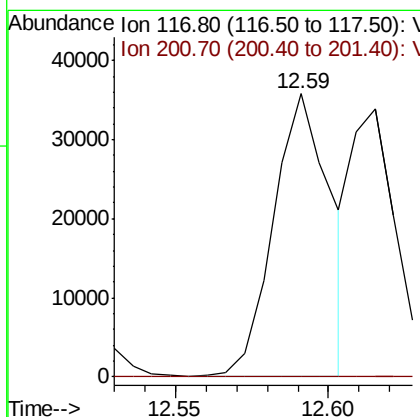
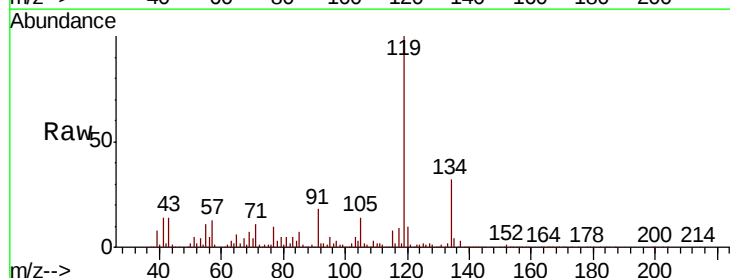
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-106(2-4)ME

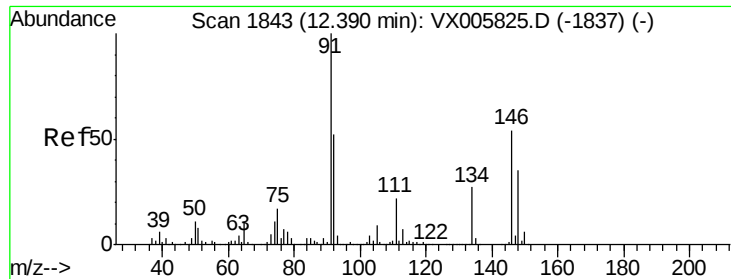
Tot Ion: 91 Resp: 266038
Ion Ratio Lower Upper
91 100
92 34.7 26.1 78.2
134 98.1 13.1 39.3#



#90
Hexachloroethane
Concen: 62.155 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX005975.D
Acq: 14 Nov 2018 15:42

Tgt Ion: 117 Resp: 46117
Ion Ratio Lower Upper
117 100
201 0.1 47.9 143.6#





#91

1,2-Dichlorobenzene

Concen: 0.973 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-106(2-4)ME

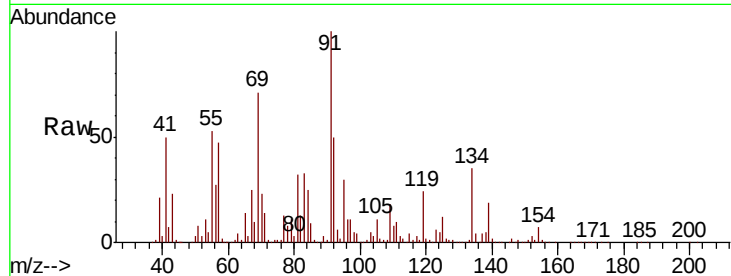
Tot Ion:146 Resp: 2517

Ion Ratio Lower Upper

146 100

111 494.1 20.0 59.9#

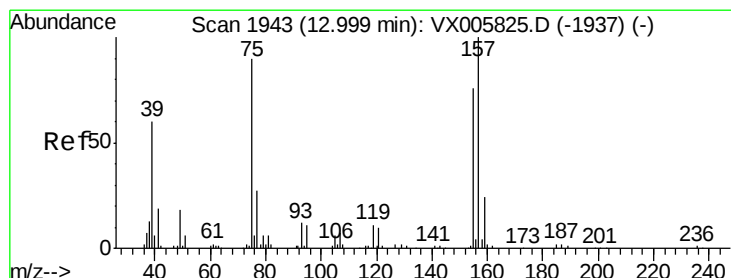
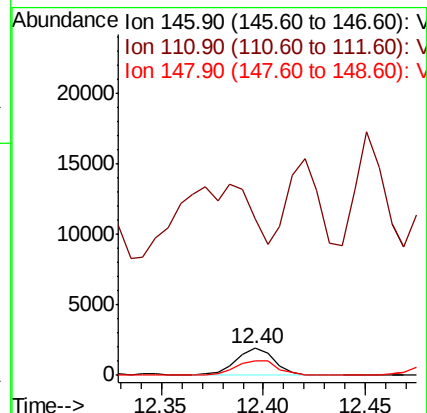
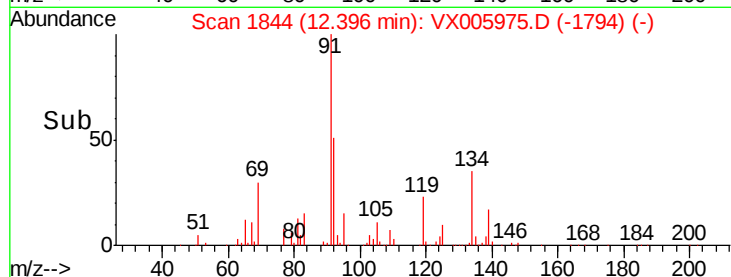
148 59.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.092 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005975.D

Acq: 14 Nov 2018 15:42

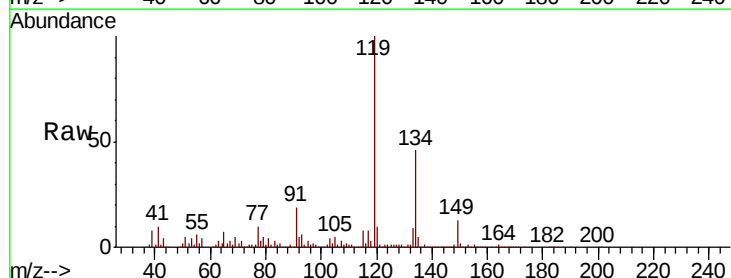
Tgt Ion: 75 Resp: 4314

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

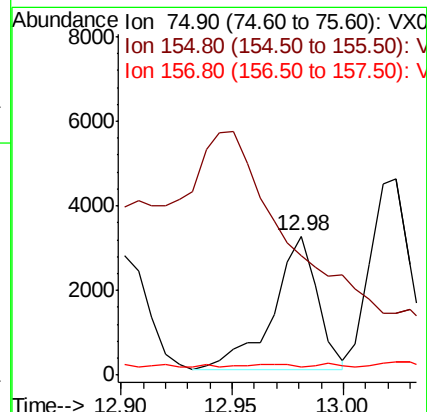
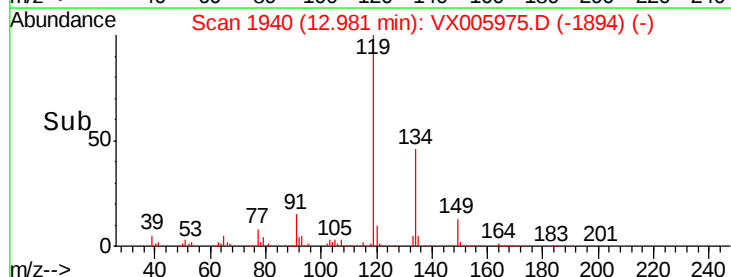
157 2.2 57.4 172.0#

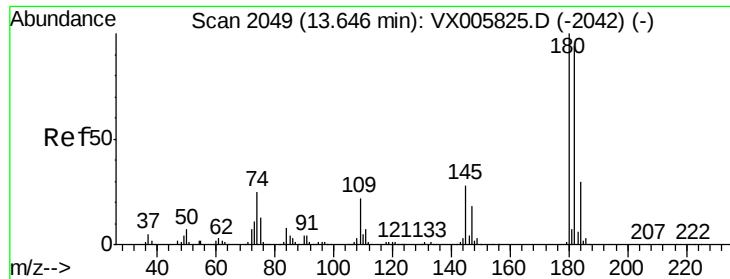


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

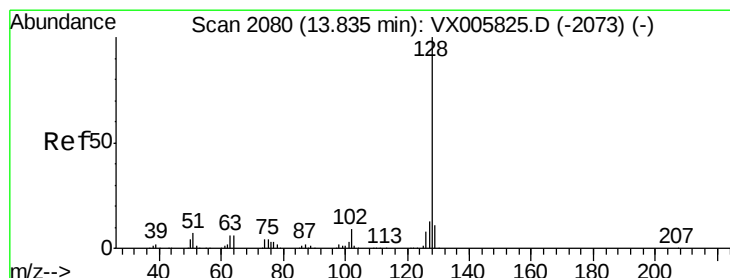
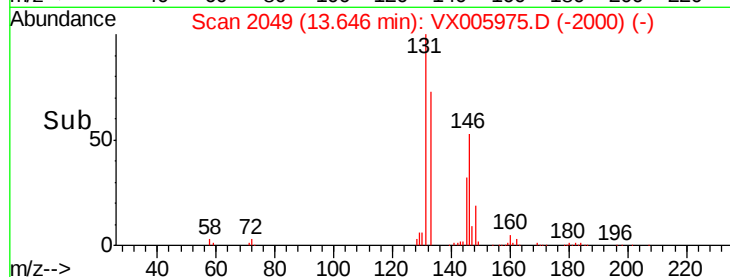
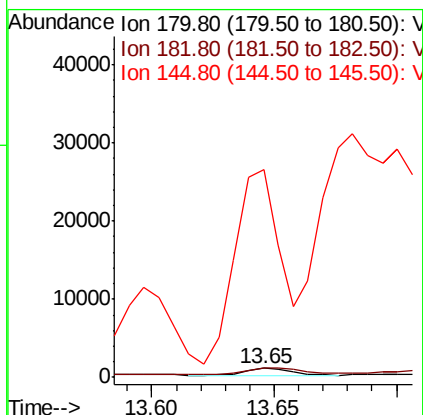
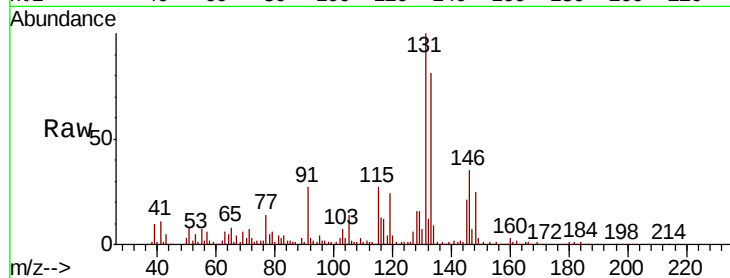




#93
 1,2,4-Trichlorobenzene
 Concen: 0.683 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

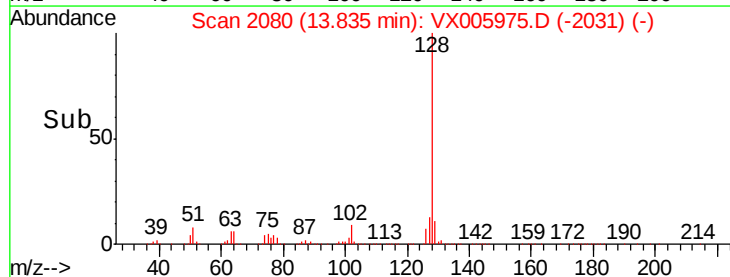
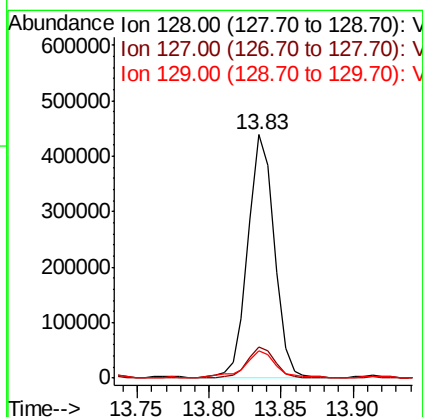
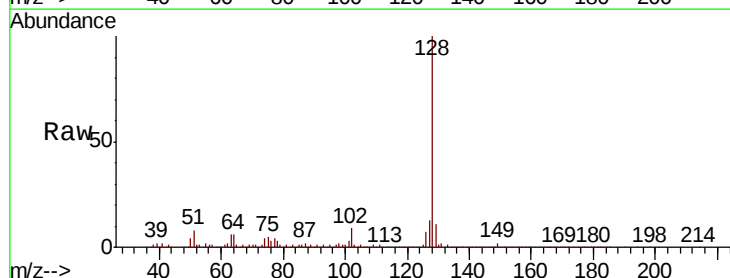
Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

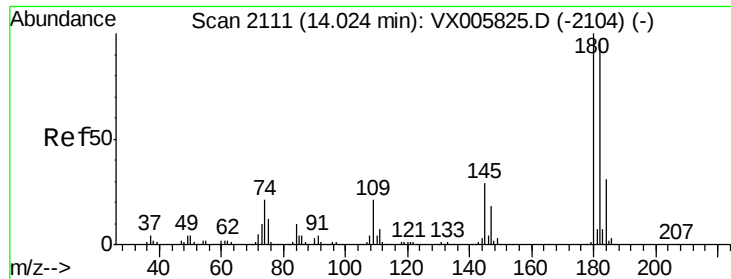
Tot Ion:180 Resp: 1243
 Ion Ratio Lower Upper
 180 100
 182 131.5 47.6 142.8
 145 2792.6 14.1 42.2#



#95
 Naphthalene
 Concen: 92.213 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Tgt Ion:128 Resp: 553526
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 12.8 8.7 13.1

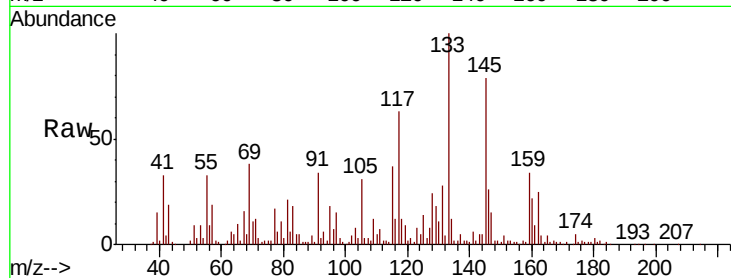




#96
 1,2,3-Trichlorobenzene
 Concen: 0.636 ug/l
 RT: 14.04 min Scan# 2114
 Delta R.T. 0.02 min
 Lab File: VX005975.D
 Acq: 14 Nov 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-106(2-4)ME

Tot Ion:180 Resp: 1179
 Ion Ratio Lower Upper
 180 100
 182 33.4 48.0 144.2#
 145 3437.8 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

