

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004396.D
 Acq On : 06 Sep 2018 20:14
 Operator : JC/MD
 Sample : J4724-15ME
 Misc : 3.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

Quant Time: Sep 07 04:48:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	456873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	338731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180081	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	5.50	113	153518	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	630334	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.15	95	239737	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	836	0.54	ug/l	95
5) Bromomethane	1.64	94	867	Below	Cal	84
6) Chloroethane	1.72	64	229	1.05	ug/l #	44
10) Methyl Iodide	2.48	142	505	4.40	ug/l #	83
11) Tert butyl alcohol	3.02	59	2458	3.40	ug/l #	75
13) Acrolein	2.31	56	286	1.64	ug/l #	45
16) Acetone	2.48	43	2244	Below	Cal	93
17) Carbon Disulfide	2.52	76	533	0.87	ug/l #	81
18) Methyl Acetate	2.81	43	35083	6.96	ug/l	98
20) Methylene Chloride	2.84	84	4366	1.34	ug/l	86
25) 2-Butanone	4.69	43	93	Below	Cal #	47
29) Tetrahydrofuran	5.21	42	572	0.39	ug/l #	66
31) Cyclohexane	5.66	56	4722	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	16941	3.61	ug/l #	50
38) Carbon Tetrachloride	5.65	117	22890	5.18	ug/l #	15
39) Methylcyclohexane	7.46	83	1339	0.25	ug/l #	79
51) 4-Methyl-2-Pentanone	8.66	43	2828	0.55	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	22943	6.47	ug/l #	21
56) Ethyl methacrylate	9.16	69	5140	1.07	ug/l #	1
59) 2-Hexanone	9.45	43	314612	80.02	ug/l #	27
60) Dibromochloromethane	9.55	129	995	0.29	ug/l #	1
61) 1,2-Dibromoethane	9.68	107	807	0.22	ug/l #	1
65) Chlorobenzene	10.07	112	5842	0.51	ug/l #	60
67) Ethyl Benzene	10.26	91	113419	6.09	ug/l	100
68) m/p-Xylenes	10.37	106	99829	13.71	ug/l	83
73) Isopropylbenzene	11.02	105	816697	36.71	ug/l	99
74) N-amyl acetate	10.91	43	1698906	198.33	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1300423	167.03	ug/l #	25
76) 1,2,3-Trichloropropane	11.15	75	124893	18.13	ug/l	78
77) Bromobenzene	11.32	156	8238	1.32	ug/l #	1
78) n-propylbenzene	11.37	91	2672693	104.45	ug/l	99
79) 2-Chlorotoluene	11.44	91	520436	33.05	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.51	105	2797545	151.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	8704	4.10	ug/l #	1

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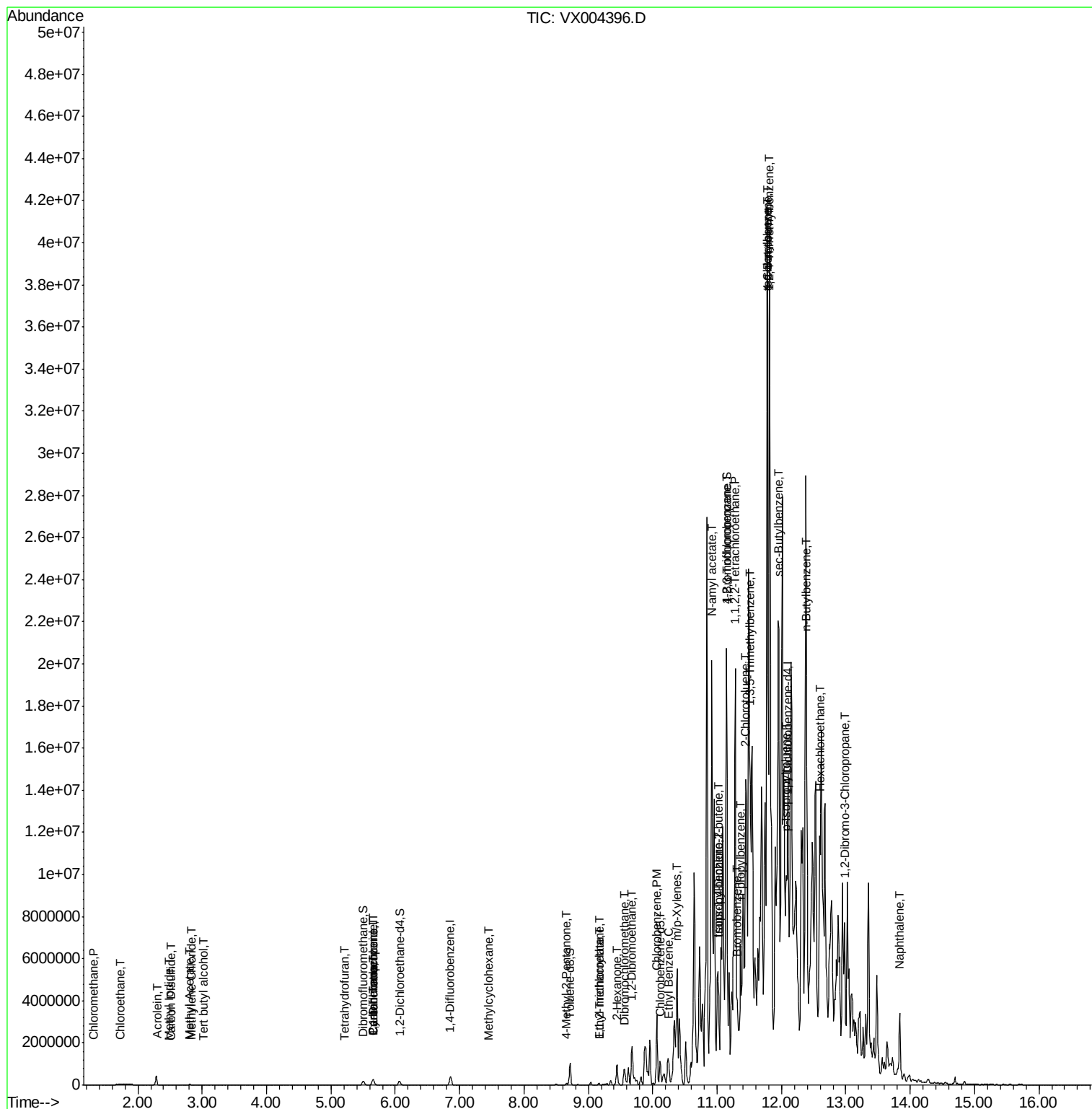
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.77	91	191091	10.31	ug/l	97
83) tert-Butylbenzene	11.77	119	307507	16.59	ug/l	85
84) 1,2,4-Trimethylbenzene	11.82	105	12091595	639.36	ug/l	86
85) sec-Butylbenzene	11.96	105	2524885	114.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	2234065	113.27	ug/l	99
89) n-Butylbenzene	12.40	91	3320073	207.02	ug/l #	55
90) Hexachloroethane	12.59	117	280768	101.85	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18296	13.34	ug/l #	1
94) Hexachlorobutadiene	13.79	225	178	Below	Cal	78
95) Naphthalene	13.83	128	2003412	90.65	ug/l	98

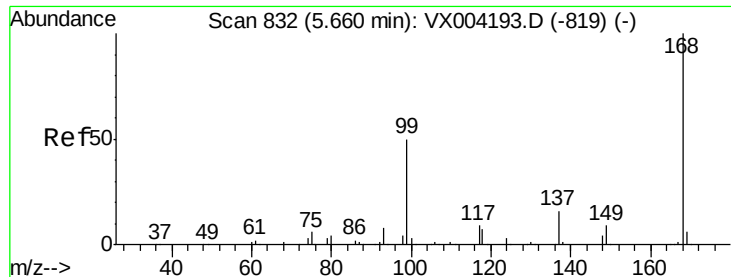
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

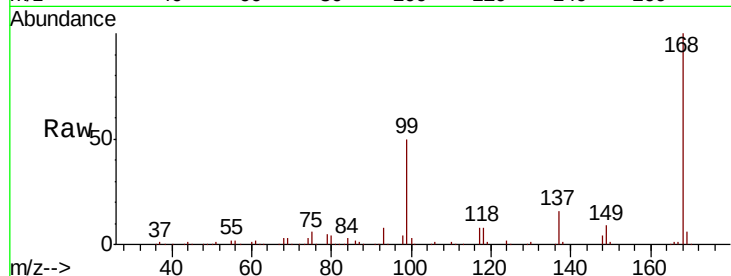
EP1-SUT-8USTS-E

Tot Ion:168 Resp: 260434

Ion Ratio Lower Upper

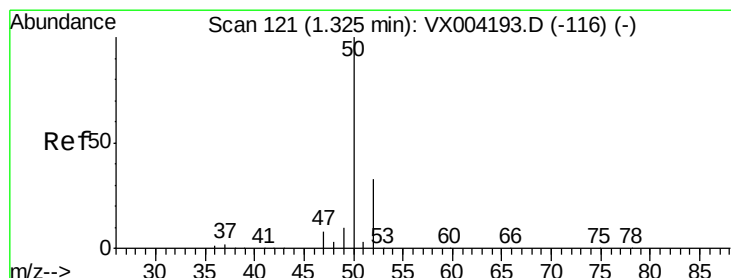
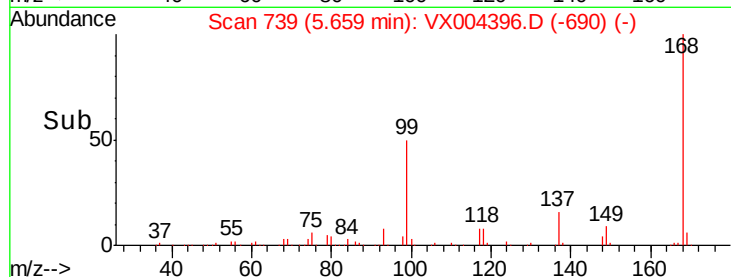
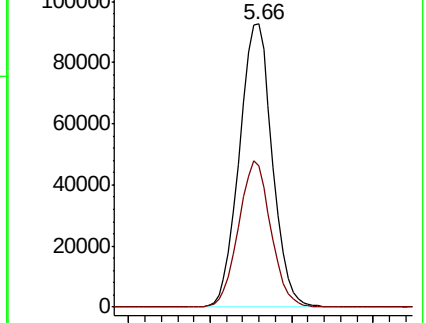
168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.54 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004396.D

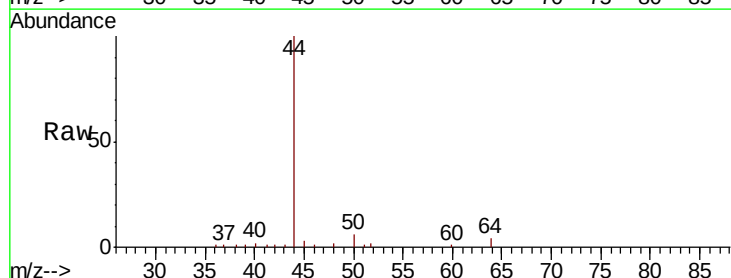
Acq: 06 Sep 2018 20:14

Tgt Ion: 50 Resp: 836

Ion Ratio Lower Upper

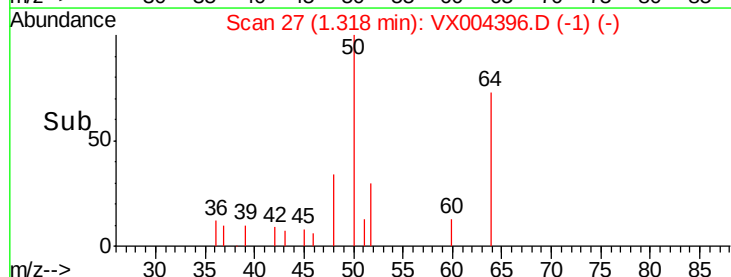
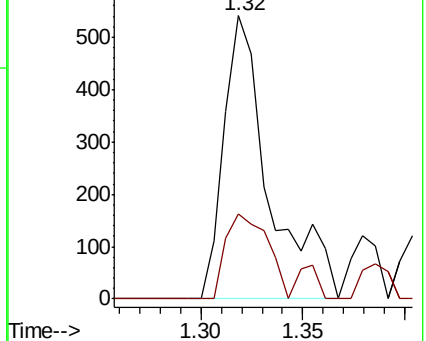
50 100

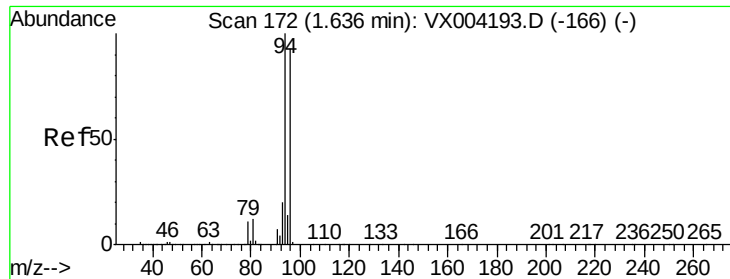
52 30.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

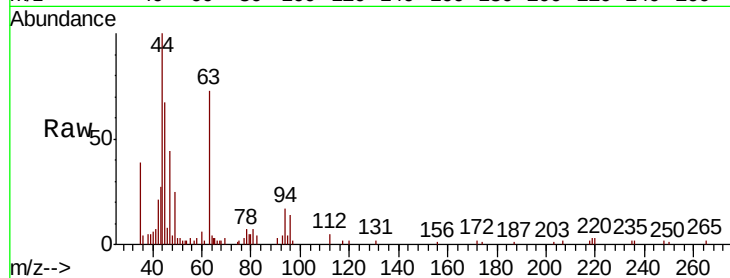
EP1-SUT-8USTS-E

Tot Ion: 94 Resp: 867

Ion Ratio Lower Upper

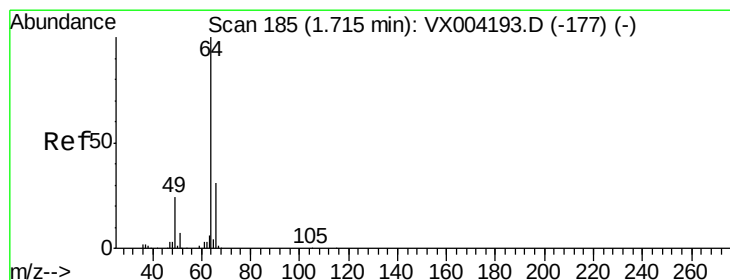
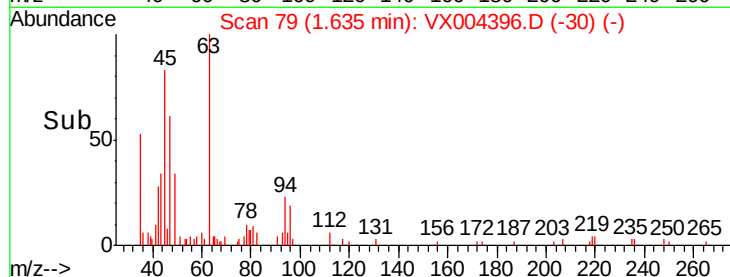
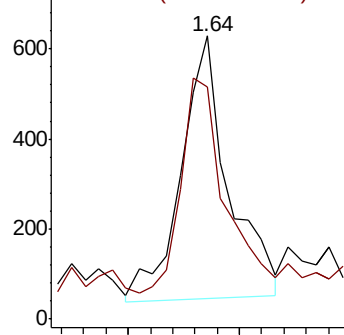
94 100

96 77.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.05 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004396.D

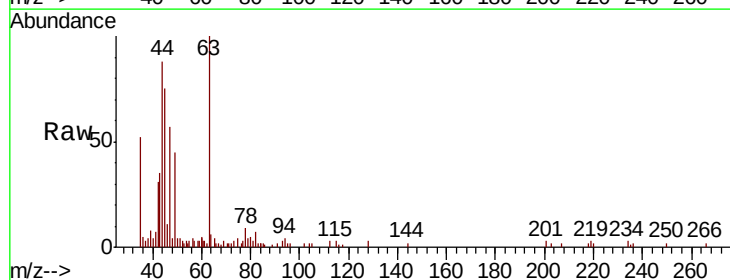
Acq: 06 Sep 2018 20:14

Tgt Ion: 64 Resp: 229

Ion Ratio Lower Upper

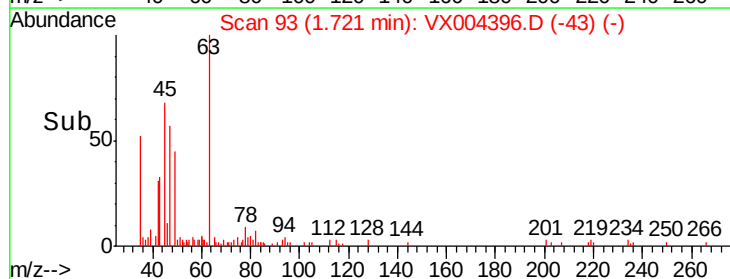
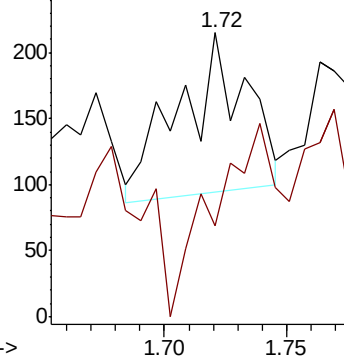
64 100

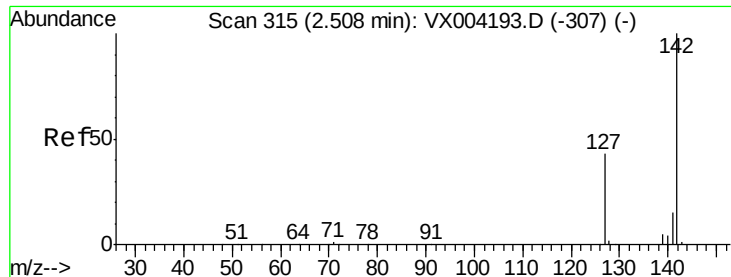
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

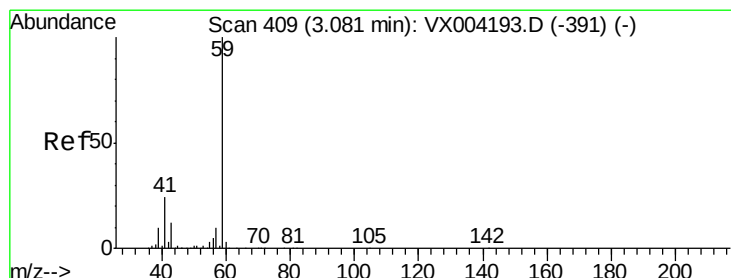
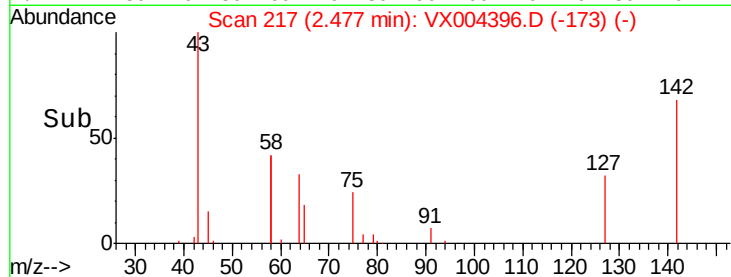
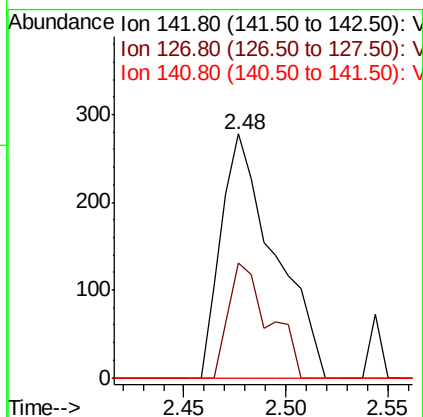
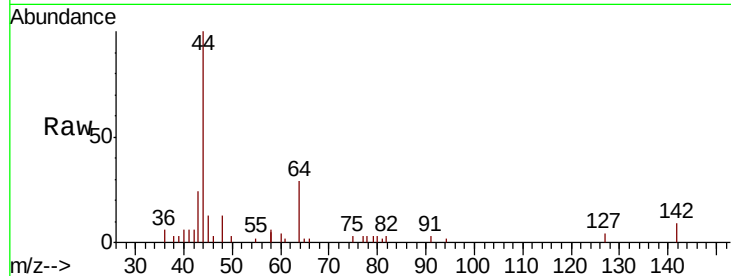




#10
Methvl Iodide
Concen: 4.40 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.03 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

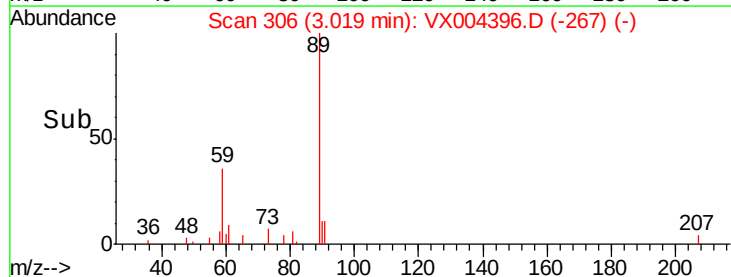
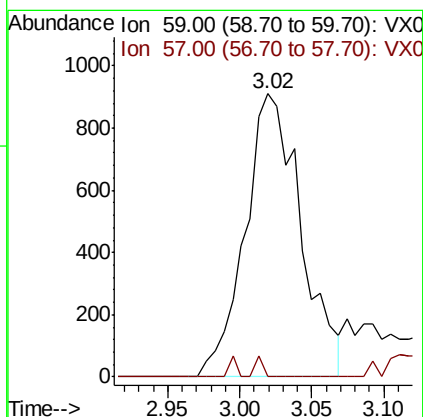
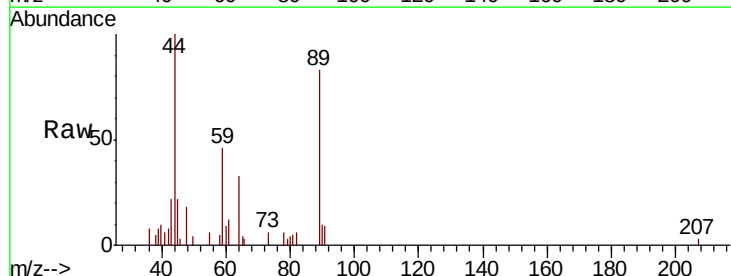
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

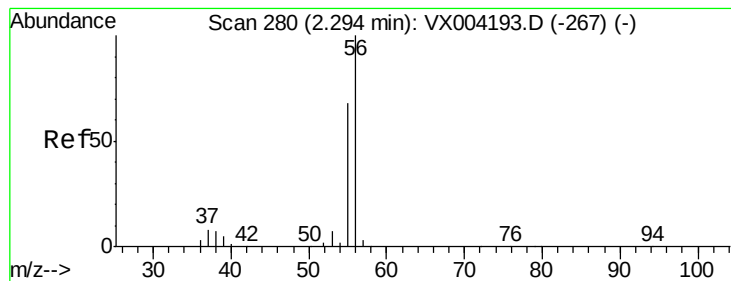
Tot Ion:142 Resp: 505
Ion Ratio Lower Upper
142 100
127 35.4 33.8 50.6
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.40 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion: 59 Resp: 2458
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#





#13

Acrolein

Concen: 1.64 ua/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

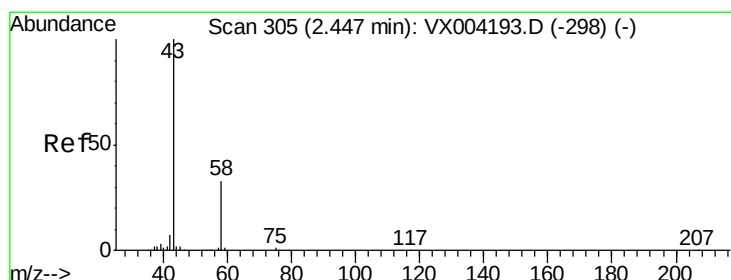
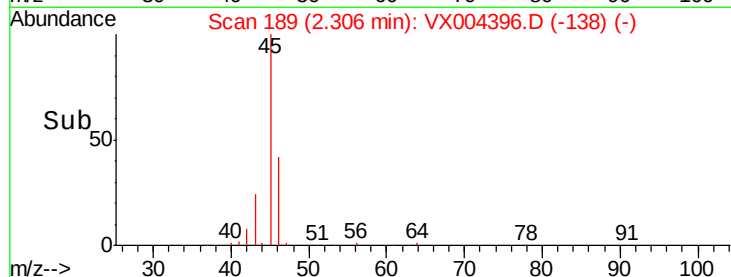
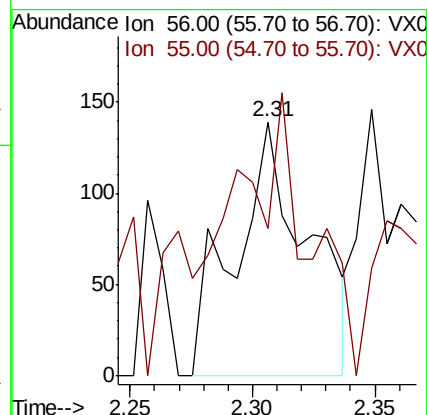
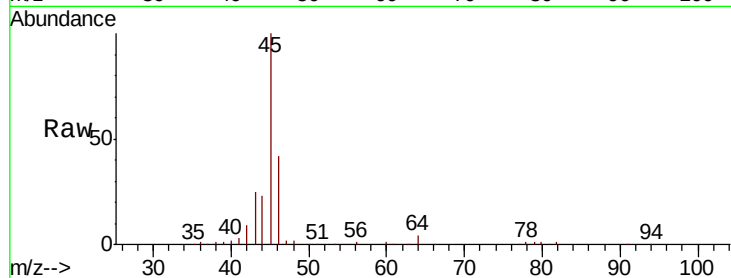
EP1-SUT-8USTS-E

Tot Ion: 56 Resp: 286

Ion Ratio Lower Upper

56 100

55 23.8 54.7 82.1#



#16

Acetone

Concen: Below Cal

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX004396.D

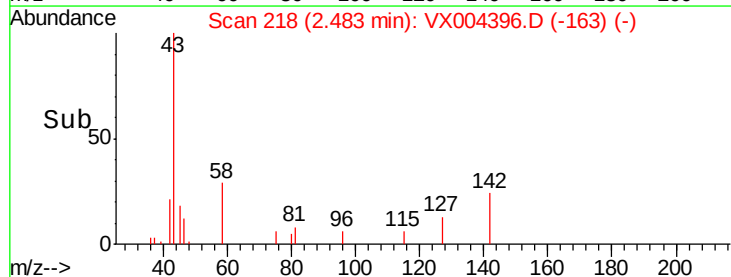
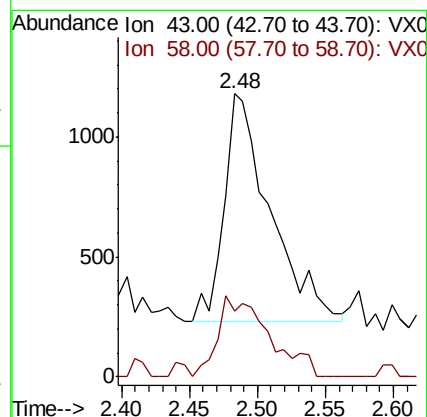
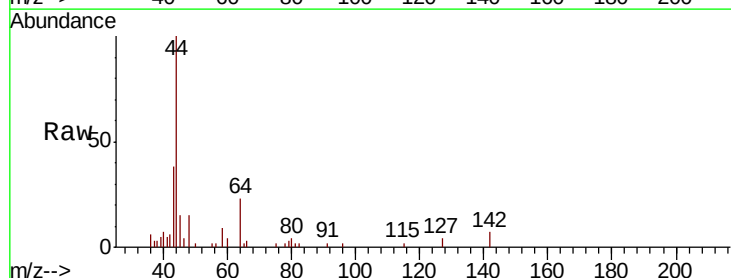
Acq: 06 Sep 2018 20:14

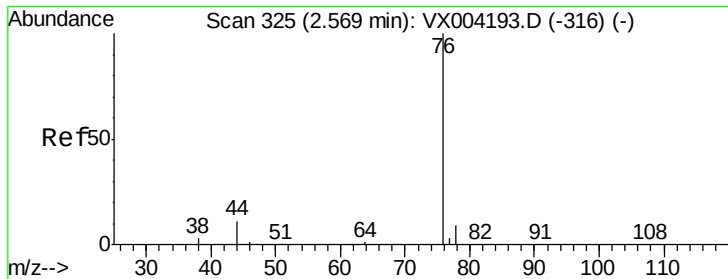
Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

58 28.8 26.2 39.4





#17

Carbon Disulfide

Concen: 0.87 ug/l

RT: 2.52 min Scan# 224

Delta R.T. -0.05 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

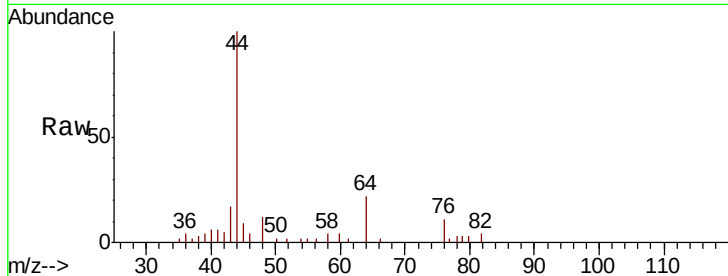
EP1-SUT-8USTS-E

Tot Ion: 76 Resp: 533

Ion Ratio Lower Upper

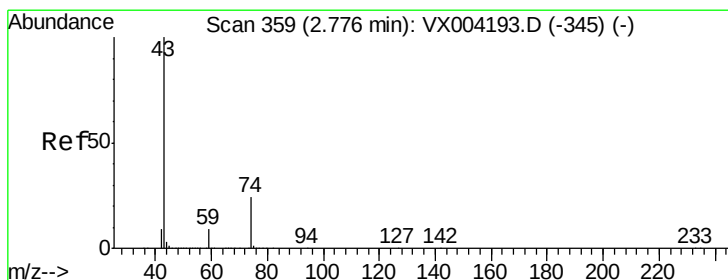
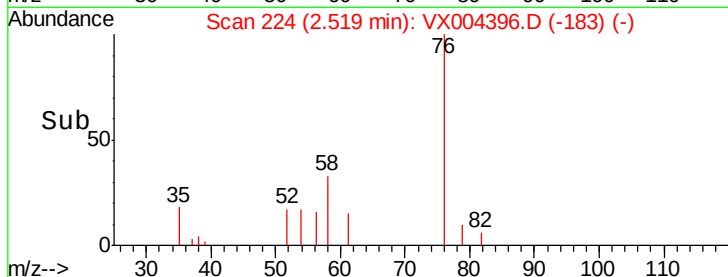
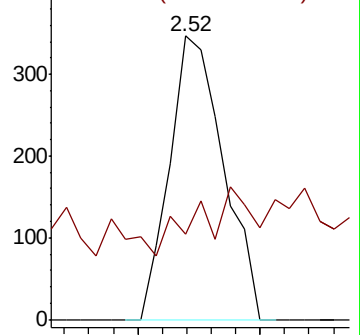
76 100

78 2.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 6.96 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.03 min

Lab File: VX004396.D

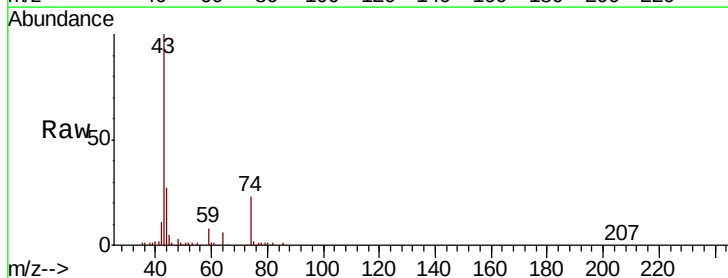
Acq: 06 Sep 2018 20:14

Tgt Ion: 43 Resp: 35083

Ion Ratio Lower Upper

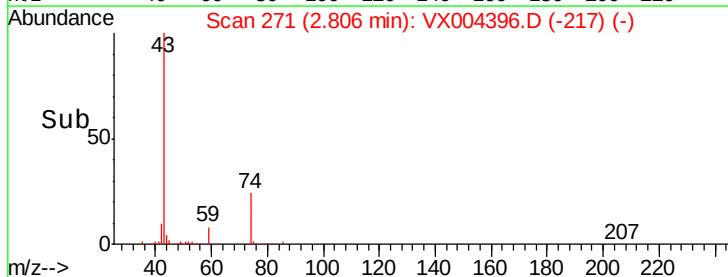
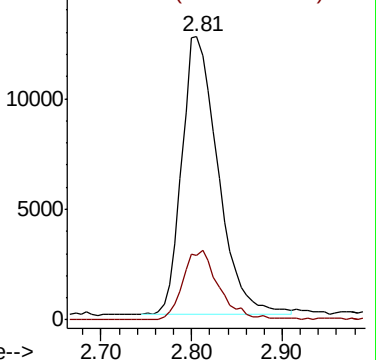
43 100

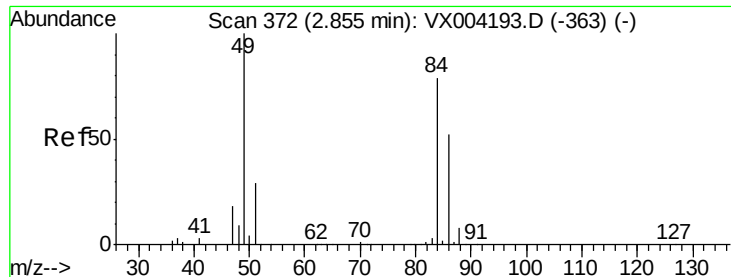
74 25.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

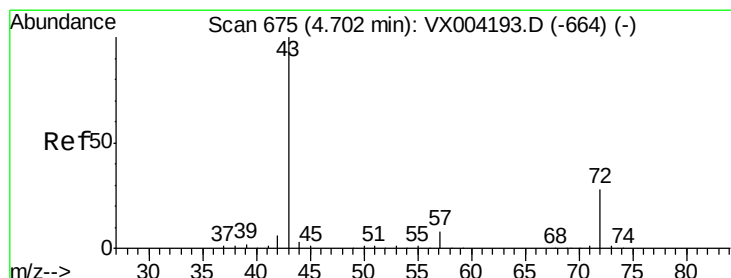
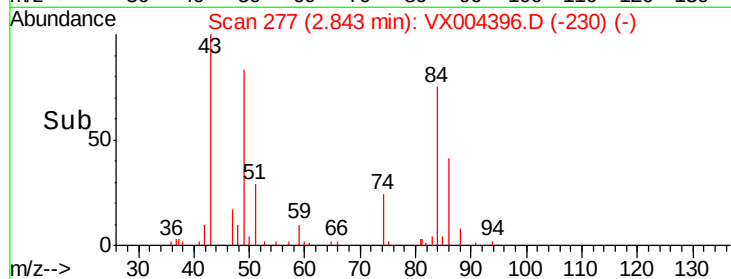
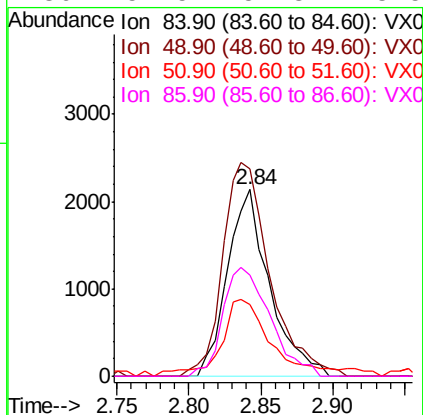
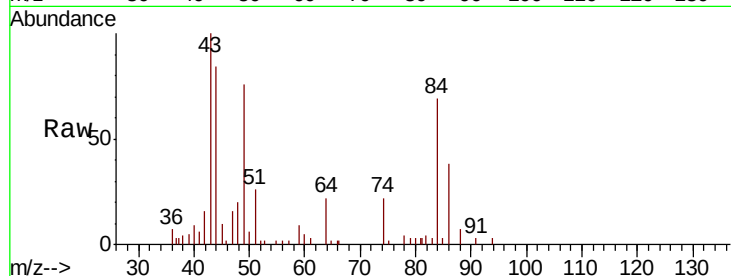




#20
Methvlene Chloride
Concen: 1.34 ua/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

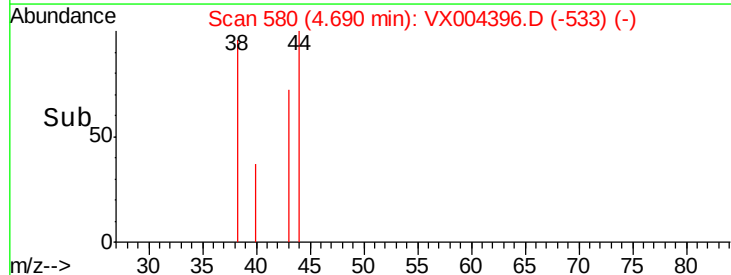
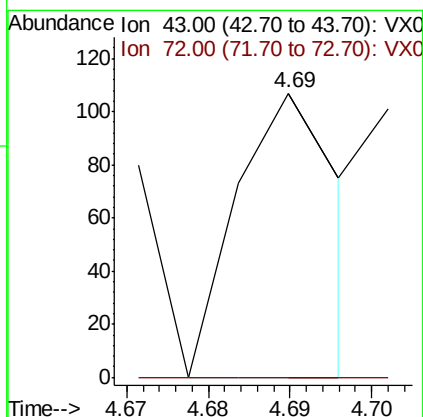
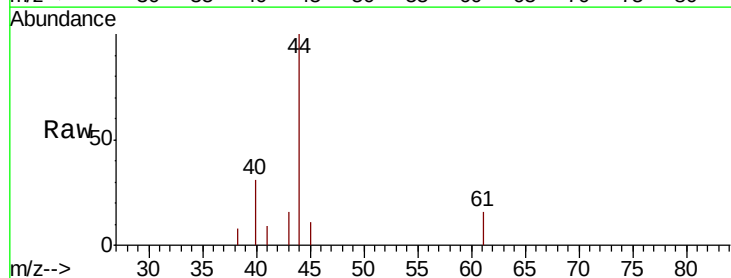
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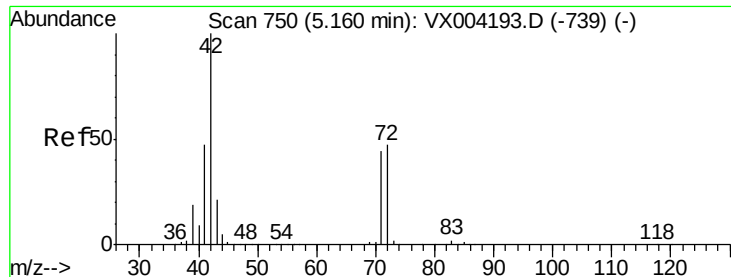
Tot Ion:	84	Resp:	4366
Ion	Ratio	Lower	Upper
84	100		
49	107.7	101.2	151.8
51	34.8	29.5	44.3
86	54.5	52.3	78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion:	43	Resp:	93
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 0.39 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.05 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-E

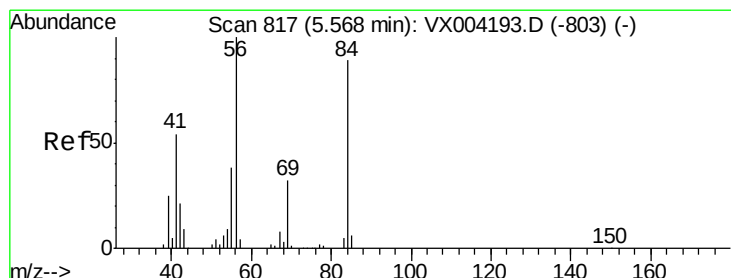
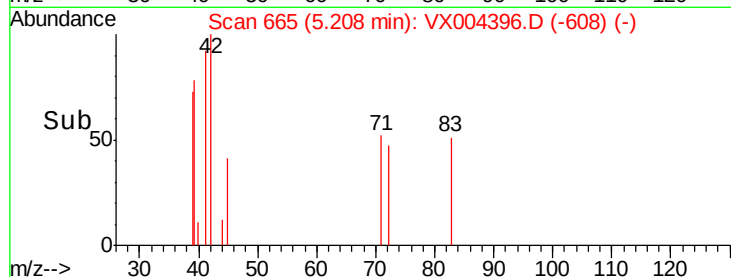
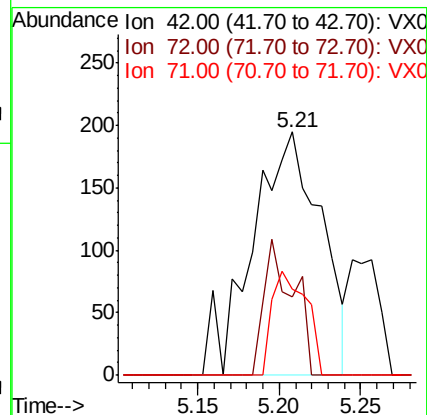
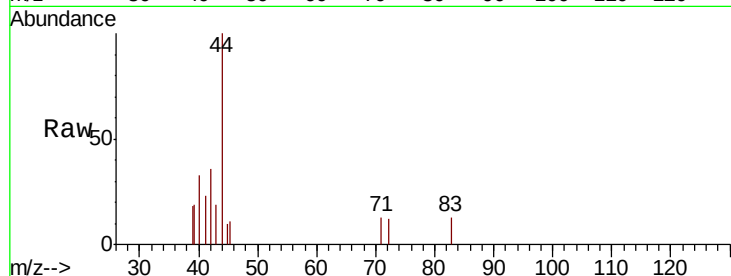
Tot Ion: 42 Resp: 572

Ion Ratio Lower Upper

42 100

72 24.1 37.4 56.0#

71 21.5 34.5 51.7#



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

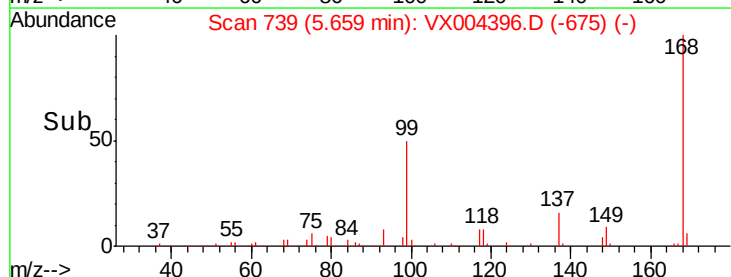
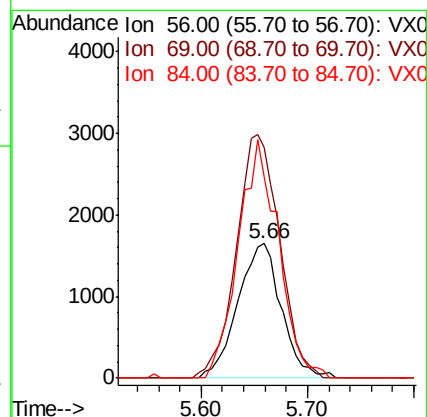
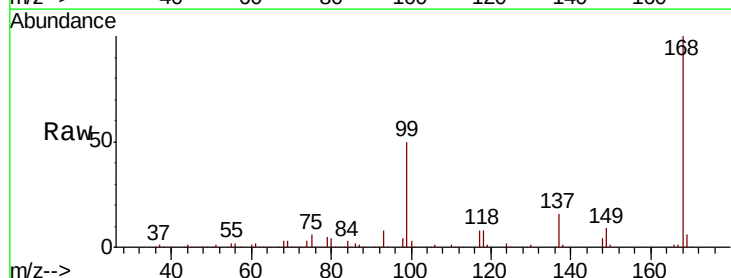
Tgt Ion: 56 Resp: 4722

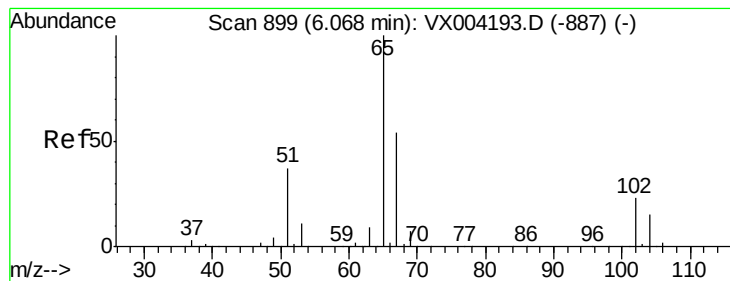
Ion Ratio Lower Upper

56 100

69 171.5 25.4 38.2#

84 150.0 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 53.05 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

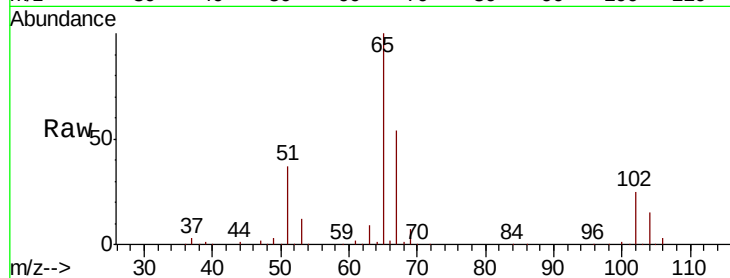
EP1-SUT-8USTS-E

Tot Ion: 65 Resp: 180081

Ion Ratio Lower Upper

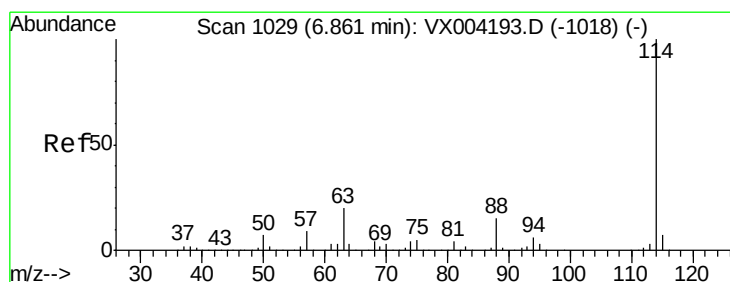
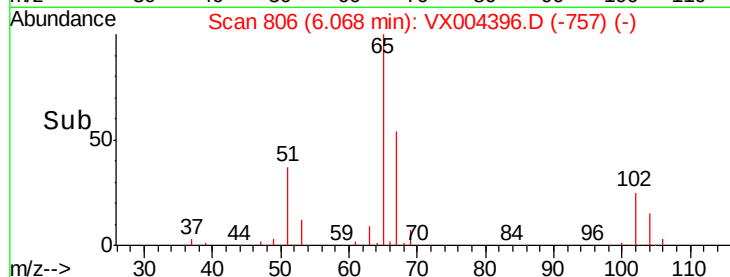
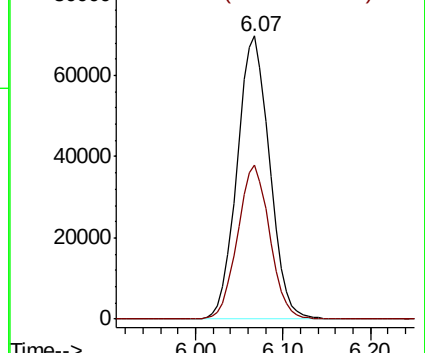
65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

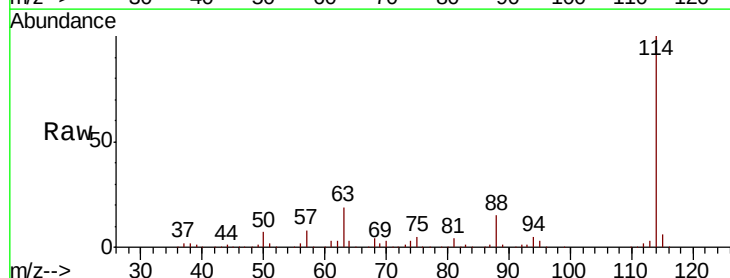
Tgt Ion: 114 Resp: 417481

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

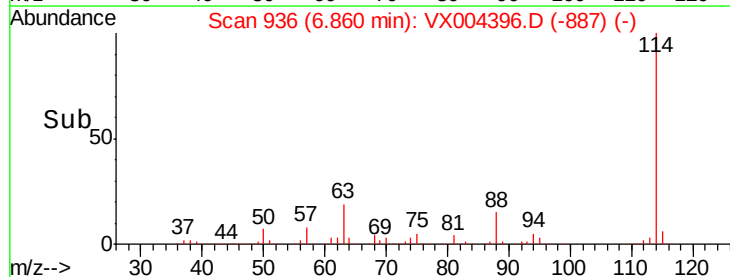
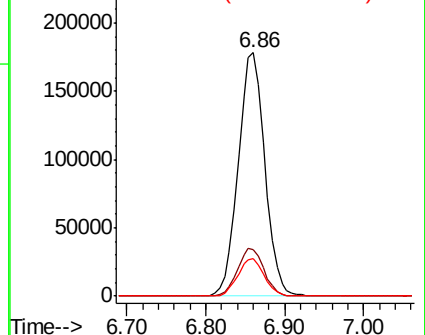
88 15.3 0.0 30.4

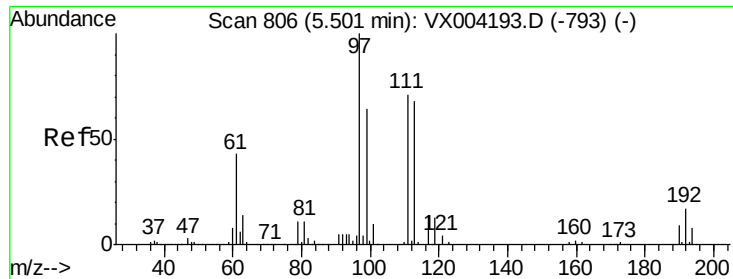


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

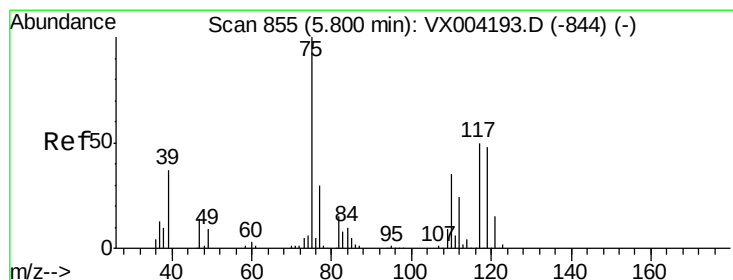
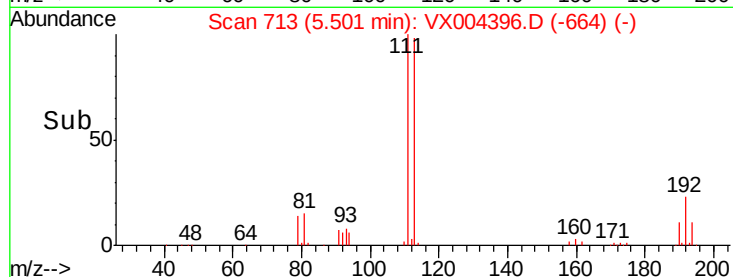
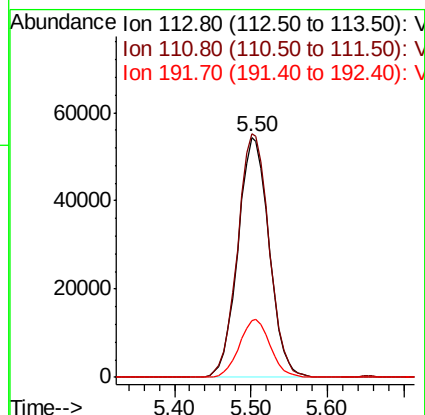
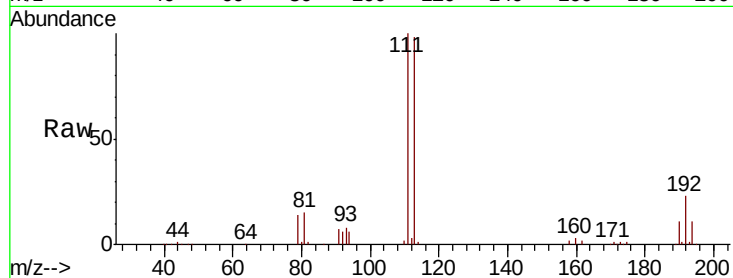




#35
 Dibromofluoromethane
 Concen: 49.43 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

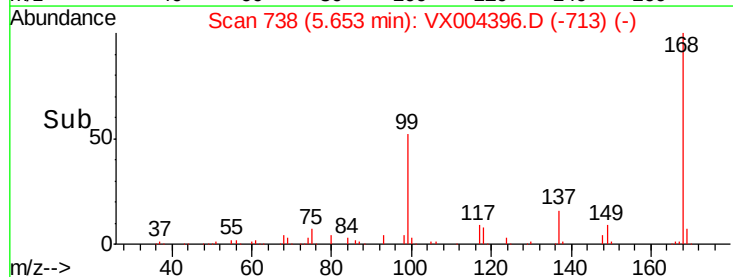
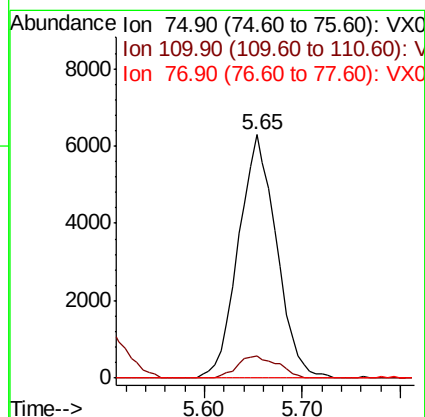
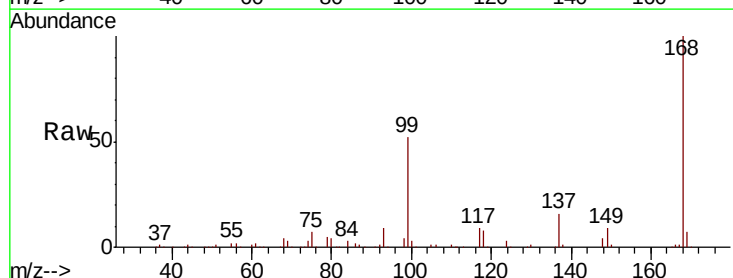
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

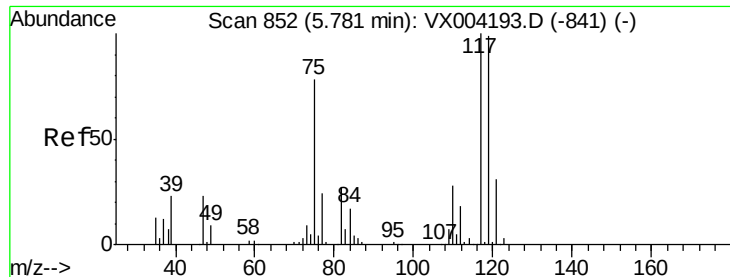
Tot Ion:113 Resp: 153518
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.61 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion: 75 Resp: 16941
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.0 54.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.18 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-E

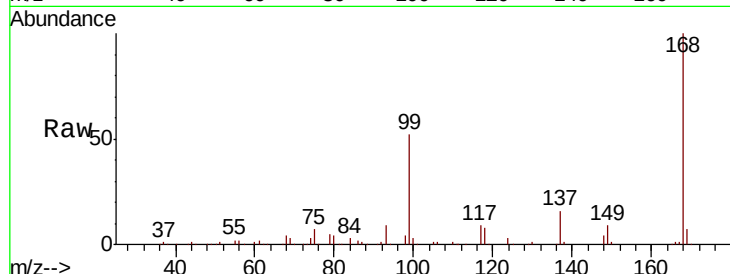
Tot Ion:117 Resp: 22890

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

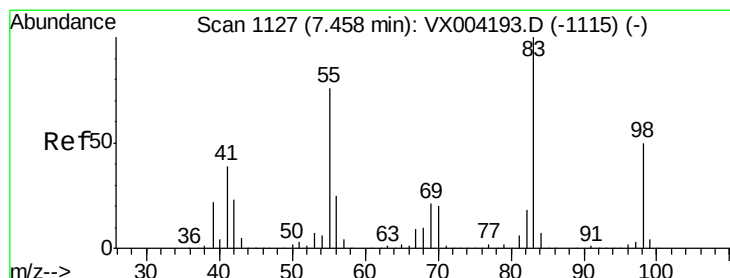
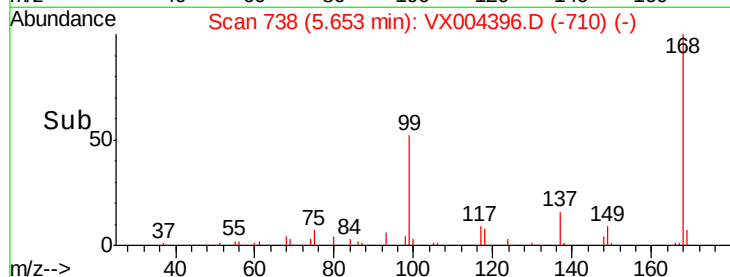
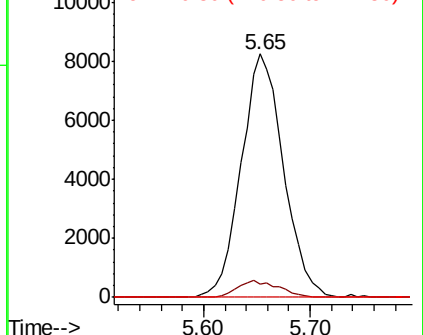
121 0.0 24.9 37.3#



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: 0.25 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

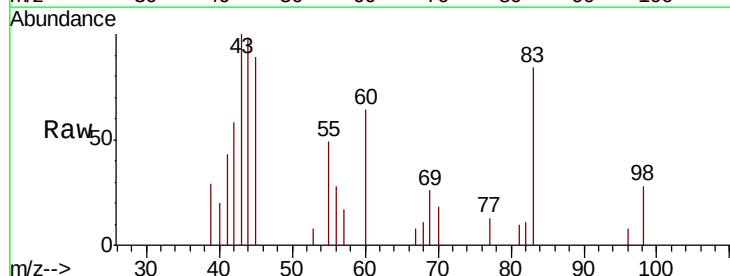
Tgt Ion: 83 Resp: 1339

Ion Ratio Lower Upper

83 100

55 58.9 61.0 91.4#

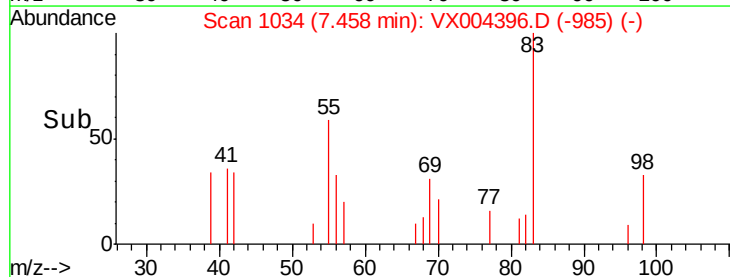
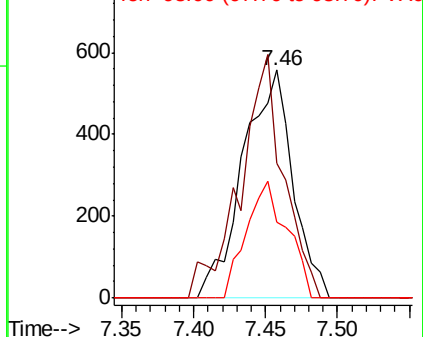
98 33.4 39.6 59.4#

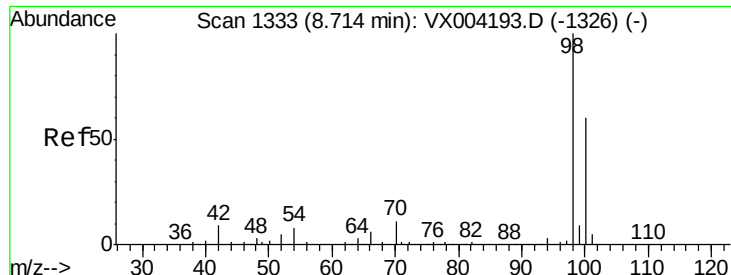


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 53.77 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

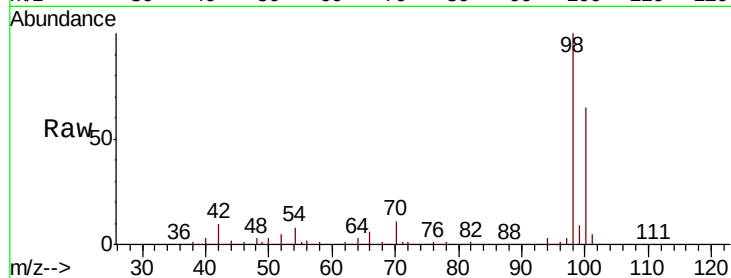
EP1-SUT-8USTS-E

Tot Ion: 98 Resp: 630334

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

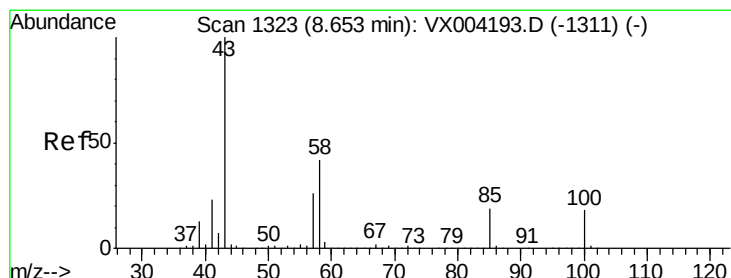
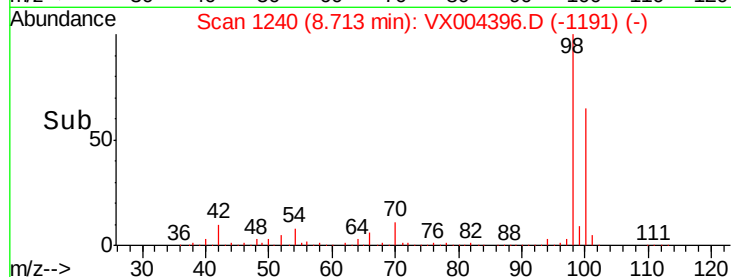
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.55 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004396.D

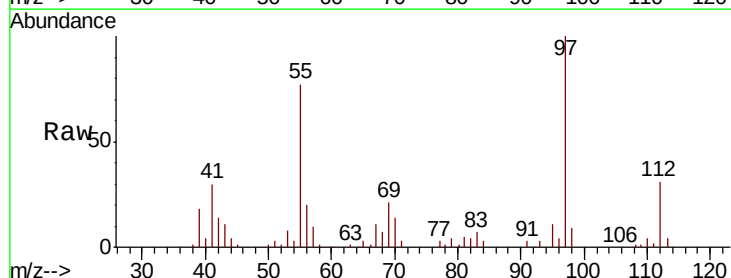
Acq: 06 Sep 2018 20:14

Tgt Ion: 43 Resp: 2828

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

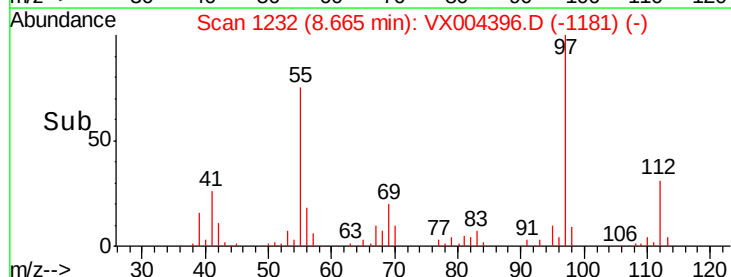
3000

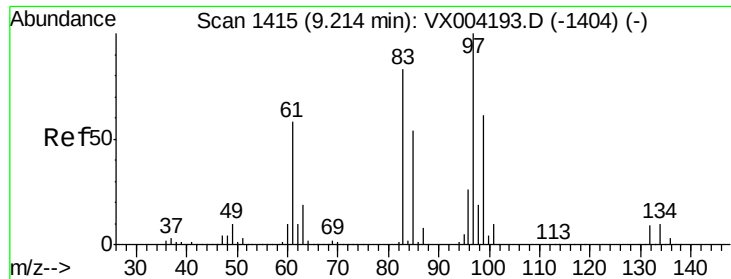
2000

1000

0

Time-->

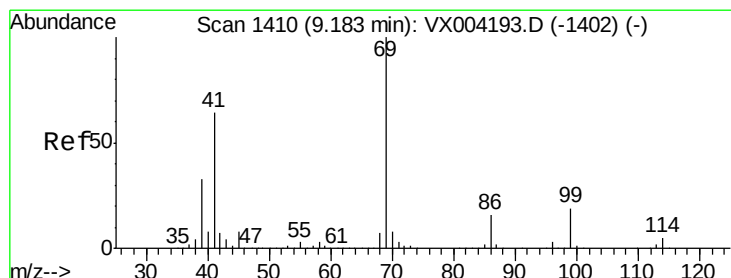
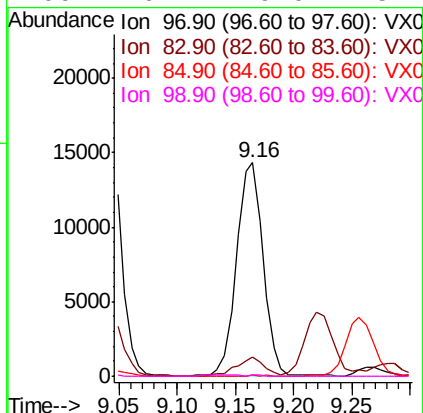
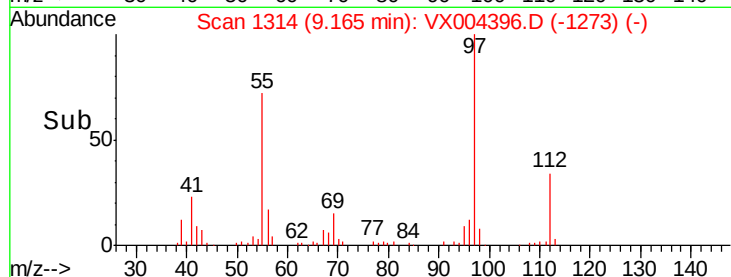
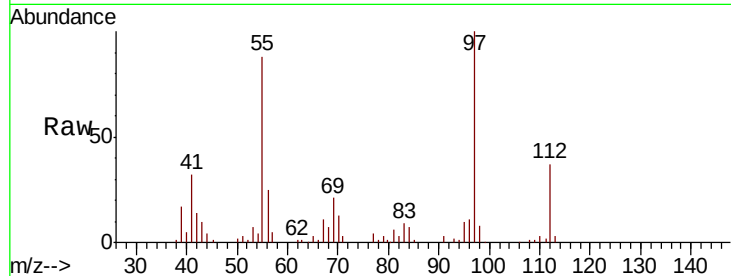




#55
 1,1,2-Trichloroethane
 Concen: 6.47 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

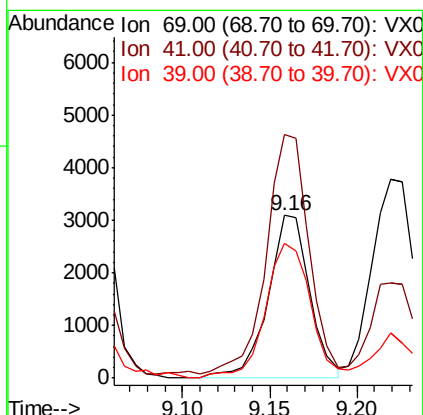
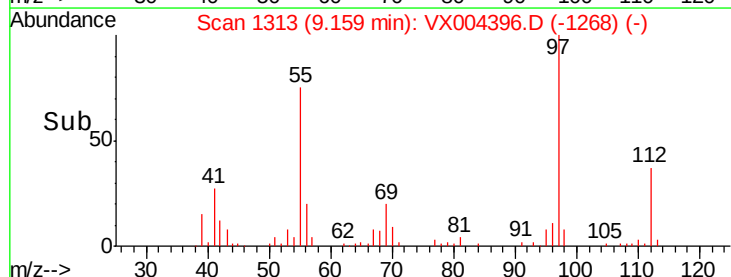
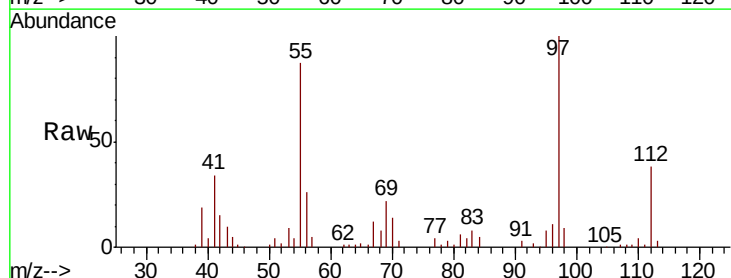
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

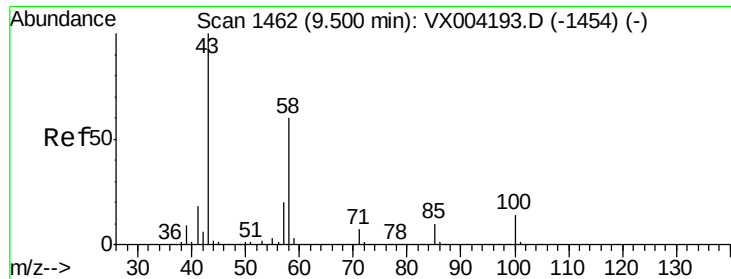
Tot Ion: 97 Resp: 22943
 Ion Ratio Lower Upper
 97 100
 83 9.0 66.4 99.6#
 85 0.6 43.3 64.9#
 99 0.4 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 1.07 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion: 69 Resp: 5140
 Ion Ratio Lower Upper
 69 100
 41 147.9 51.0 76.4#
 39 89.7 26.1 39.1#

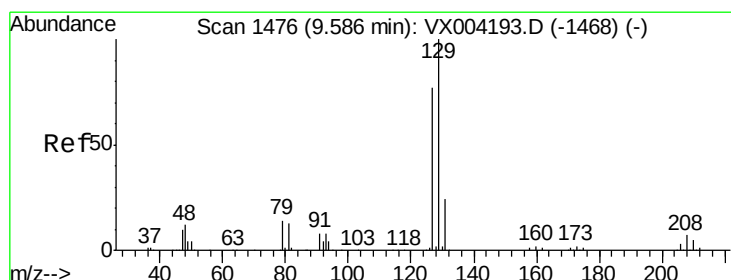
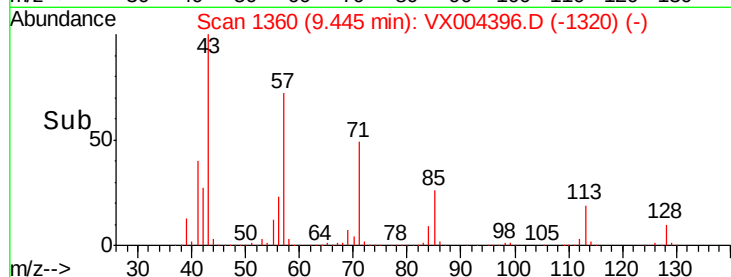
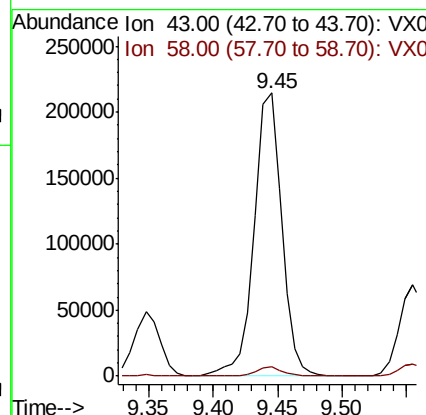
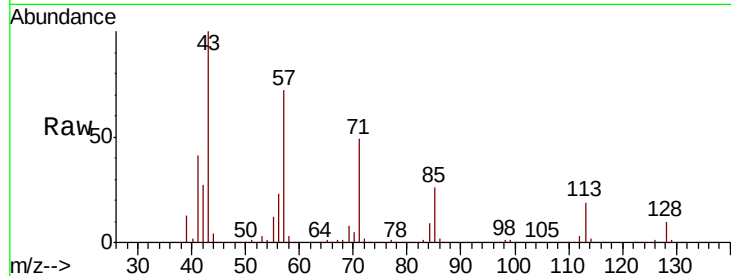




#59
2-Hexanone
Concen: 80.02 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.06 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

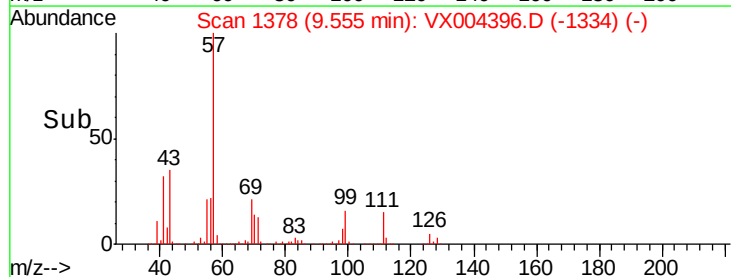
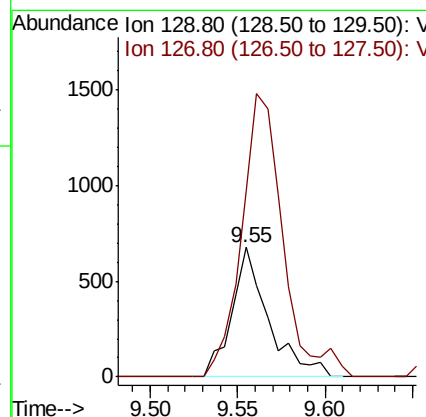
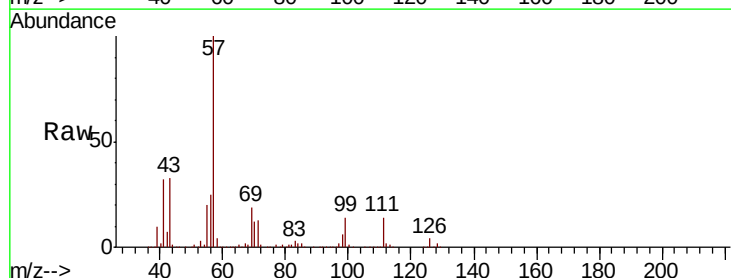
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

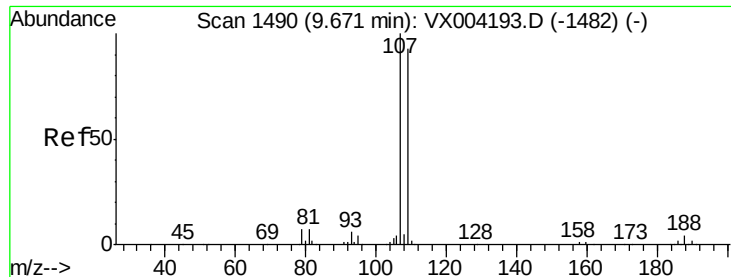
Tot Ion: 43 Resp: 314612
Ion Ratio Lower Upper
43 100
58 3.4 29.0 87.0#



#60
Dibromochloromethane
Concen: 0.29 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. -0.03 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion:129 Resp: 995
Ion Ratio Lower Upper
129 100
127 244.3 38.5 115.5#





#61

1,2-Dibromoethane

Concen: 0.22 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

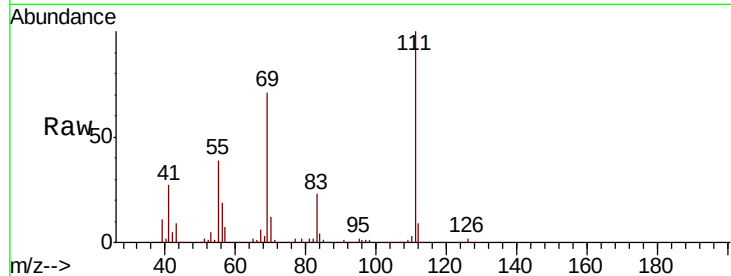
EP1-SUT-8USTS-E

Tot Ion:107 Resp: 807

Ion Ratio Lower Upper

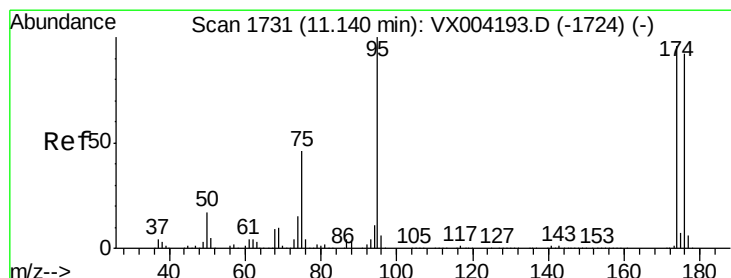
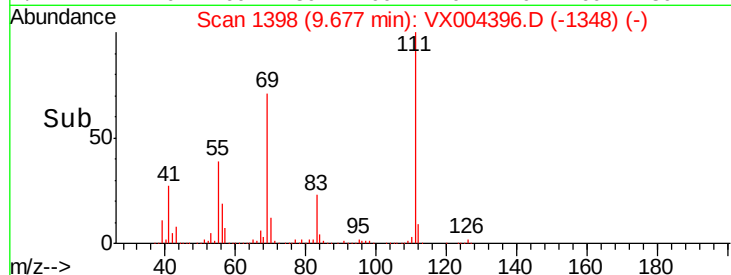
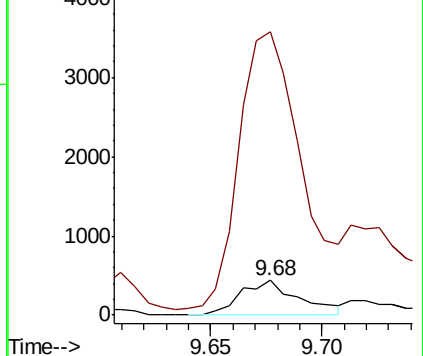
107 100

109 847.8 76.0 114.0#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.81 ug/l

RT: 11.15 min Scan# 1639

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

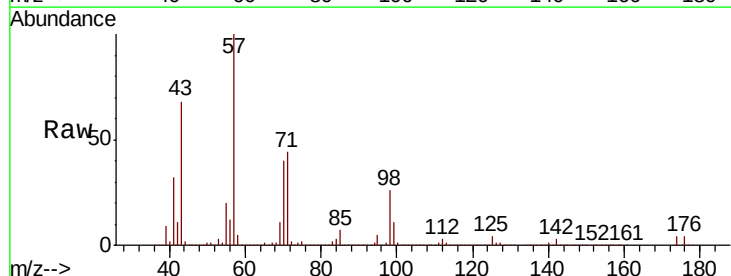
Tgt Ion: 95 Resp: 239737

Ion Ratio Lower Upper

95 100

174 99.1 0.0 185.2

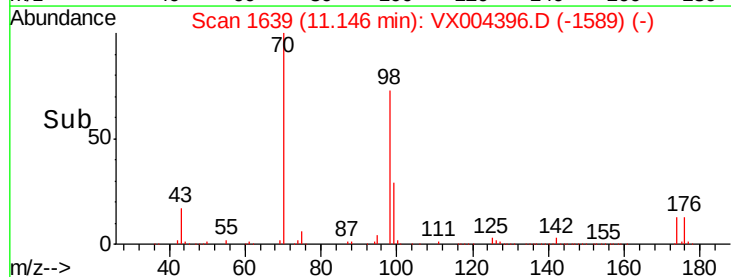
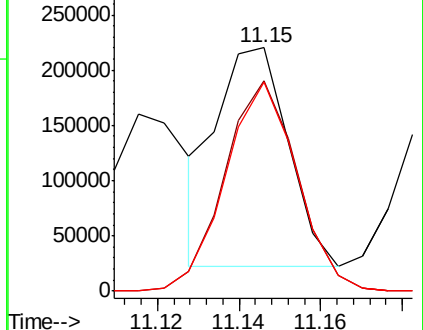
176 97.3 0.0 178.6

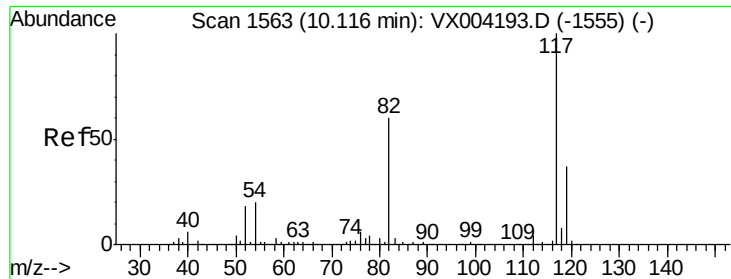


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-E

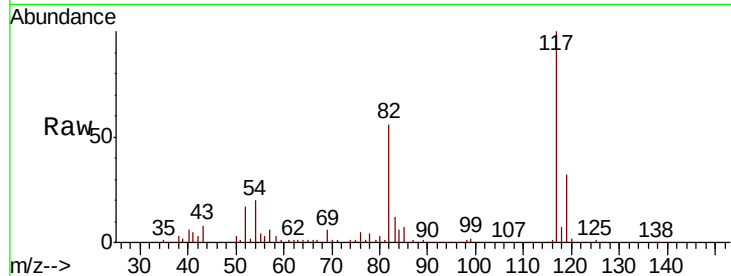
Tot Ion:117 Resp: 456873

Ion Ratio Lower Upper

117 100

82 50.9 47.8 71.6

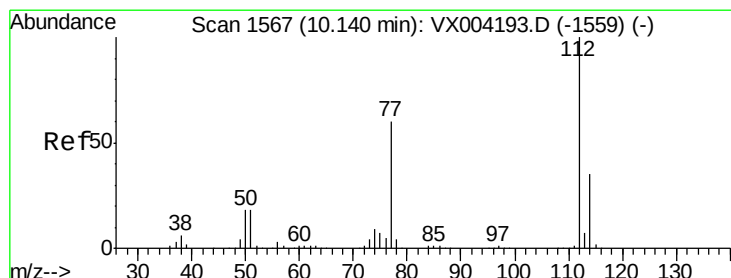
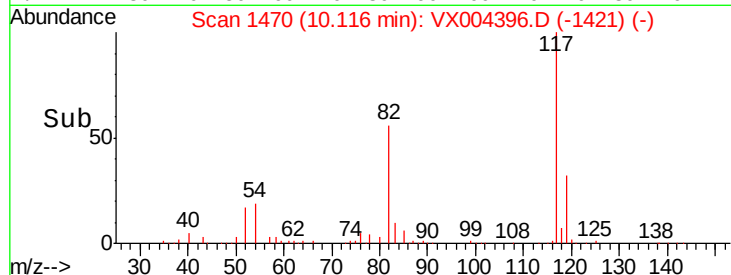
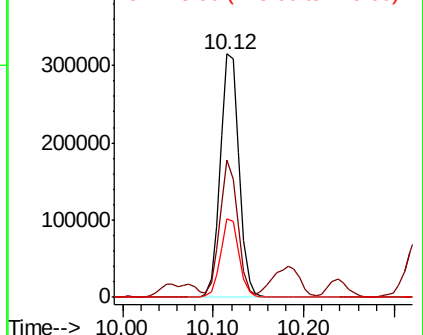
119 32.3 29.3 43.9



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: 0.51 ug/l

RT: 10.07 min Scan# 1462

Delta R.T. -0.07 min

Lab File: VX004396.D

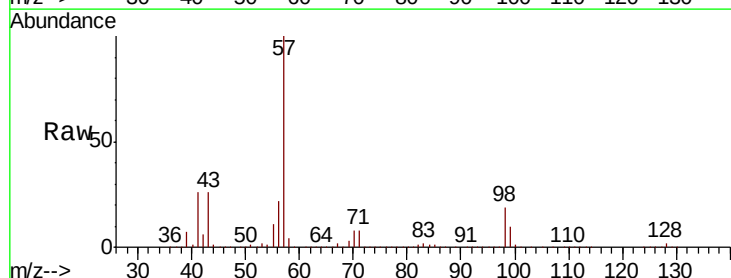
Acq: 06 Sep 2018 20:14

Tgt Ion:112 Resp: 5842

Ion Ratio Lower Upper

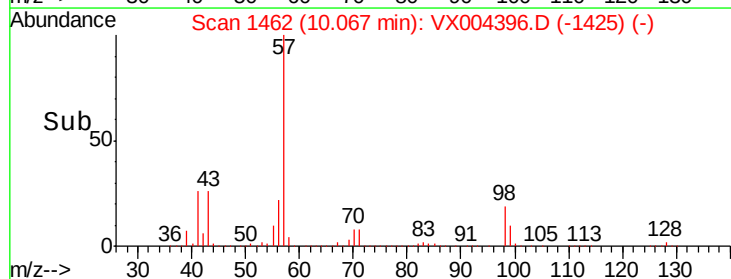
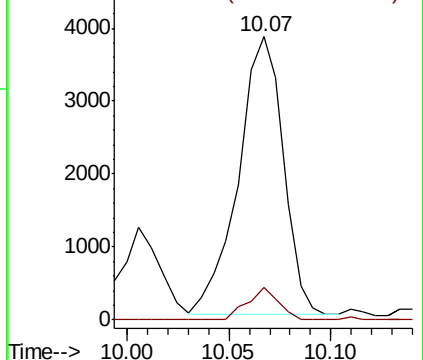
112 100

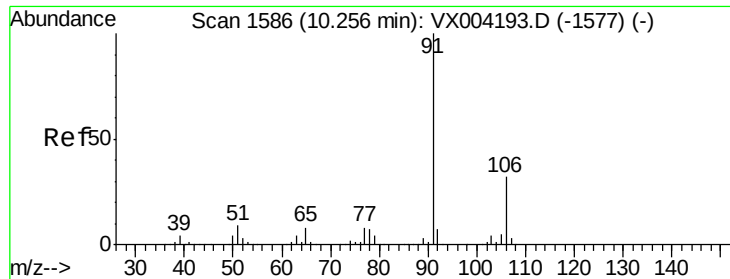
114 11.9 27.8 41.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 6.09 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

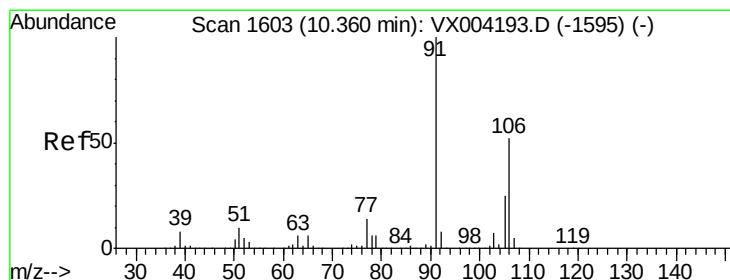
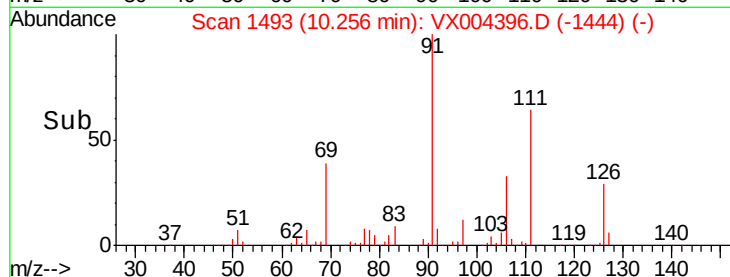
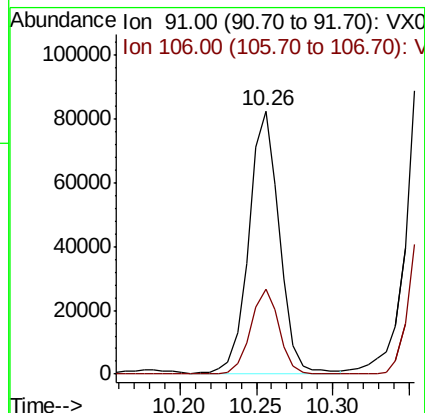
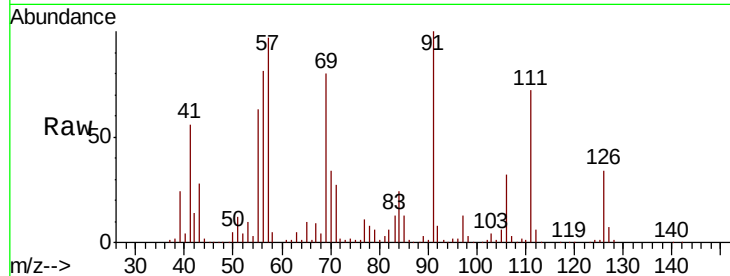
EP1-SUT-8USTS-E

Tot Ion: 91 Resp: 113419

Ion Ratio Lower Upper

91 100

106 32.5 25.9 38.9



#68

m/p-Xylenes

Concen: 13.71 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX004396.D

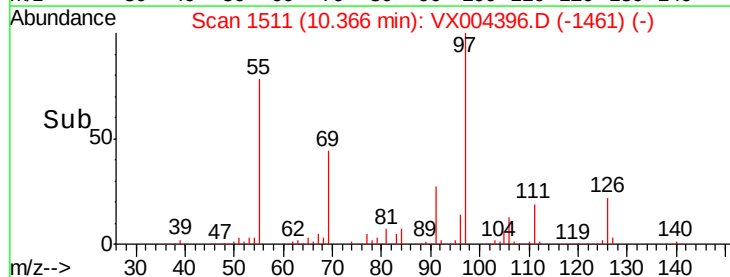
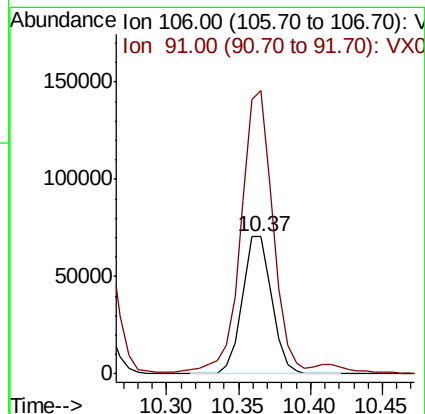
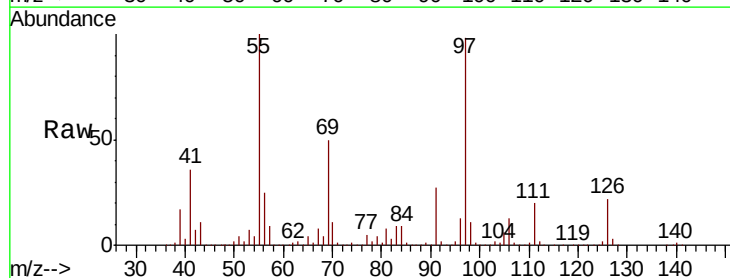
Acq: 06 Sep 2018 20:14

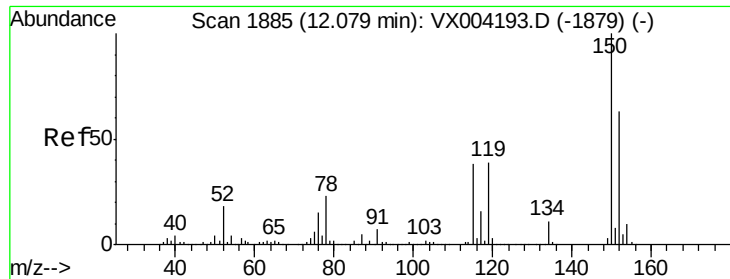
Tgt Ion: 106 Resp: 99829

Ion Ratio Lower Upper

106 100

91 222.6 157.1 235.7



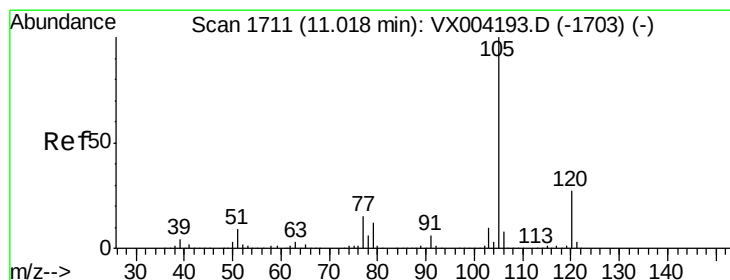
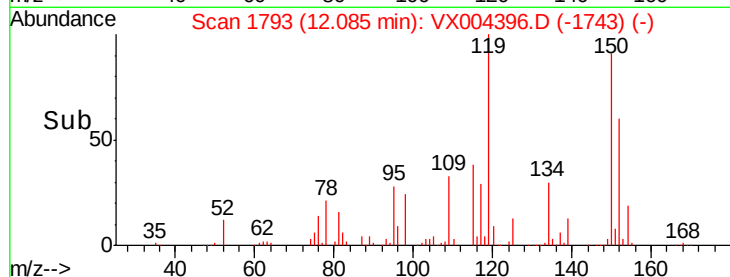
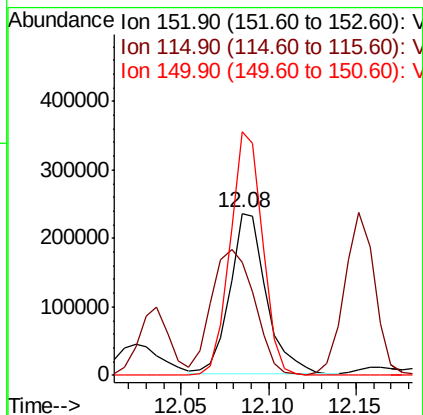
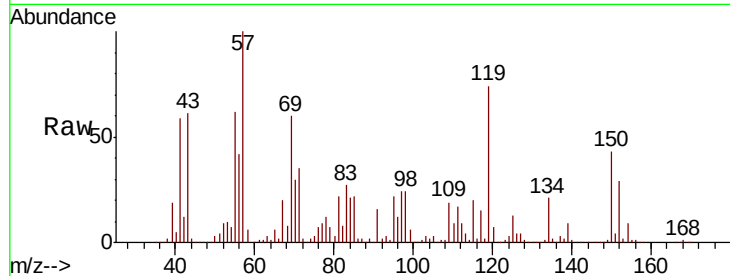


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

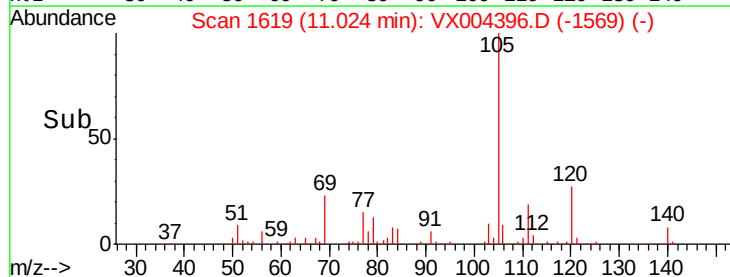
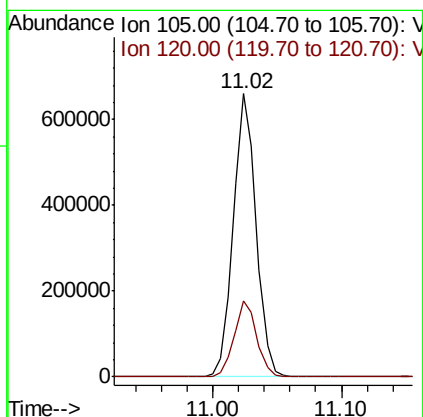
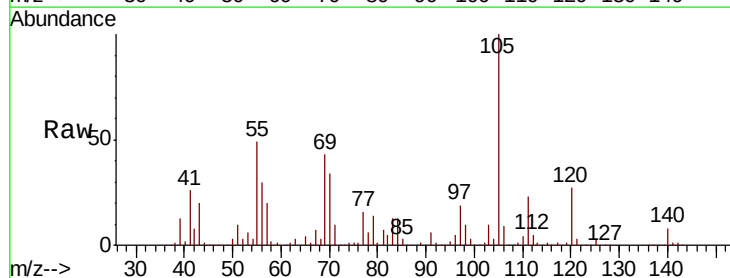
Tot Ion:152 Resp: 338731
Ion Ratio Lower Upper
152 100
115 92.1 39.0 117.0
150 134.7 0.0 351.0

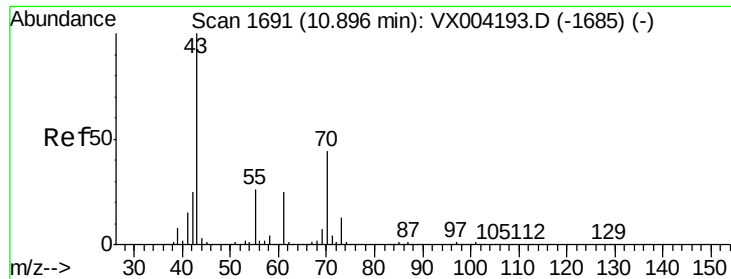


#73

Isopropylbenzene
Concen: 36.71 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion:105 Resp: 816697
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4





#74

N-amvl acetate

Concen: 198.33 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-E

Tot Ion: 43 Resp: 1698906

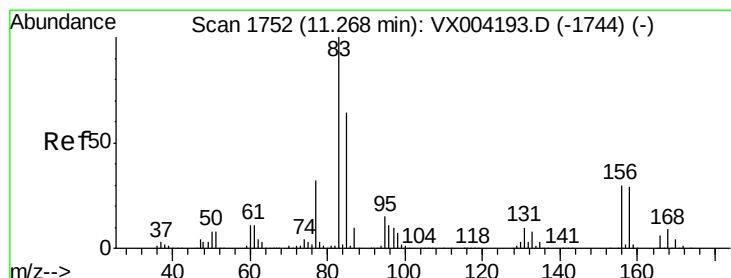
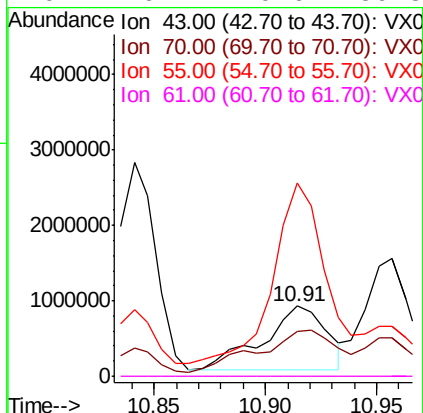
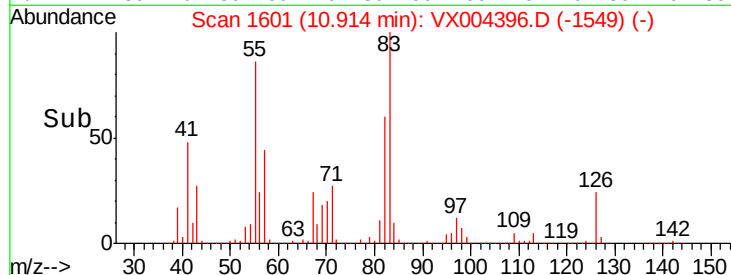
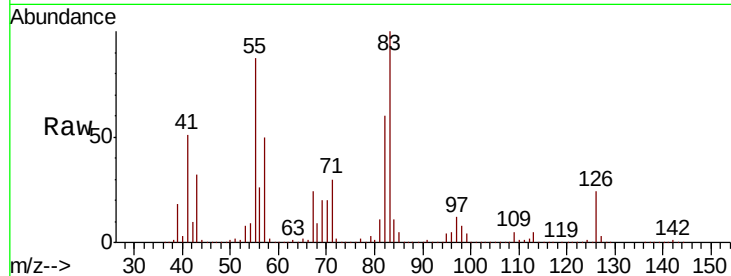
Ion Ratio Lower Upper

43 100

70 81.2 37.4 56.0#

55 231.3 21.8 32.8#

61 0.1 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 167.03 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

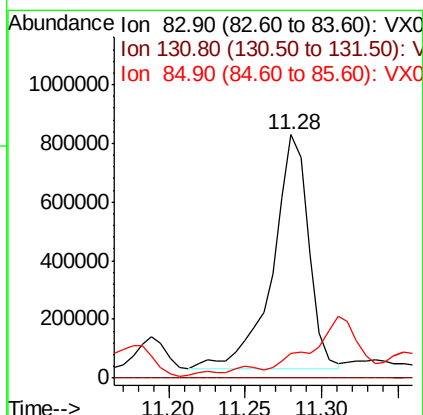
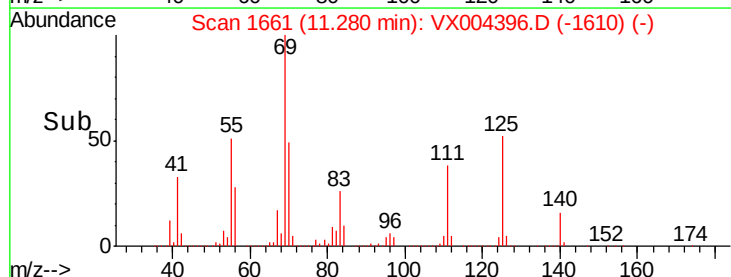
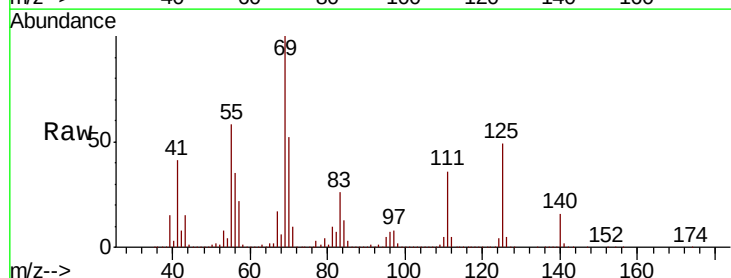
Tgt Ion: 83 Resp: 1300423

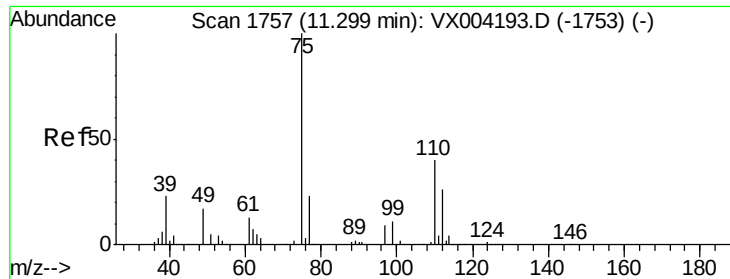
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 18.13 ug/l

RT: 11.15 min Scan# 1639

Delta R.T. -0.15 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

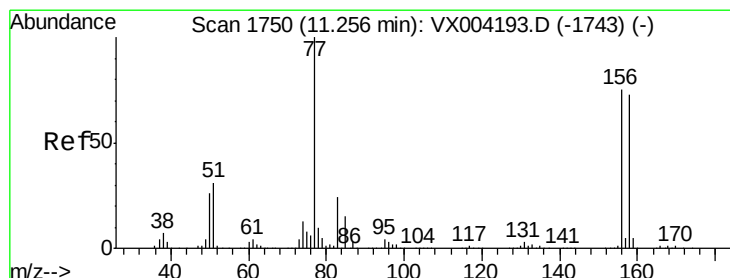
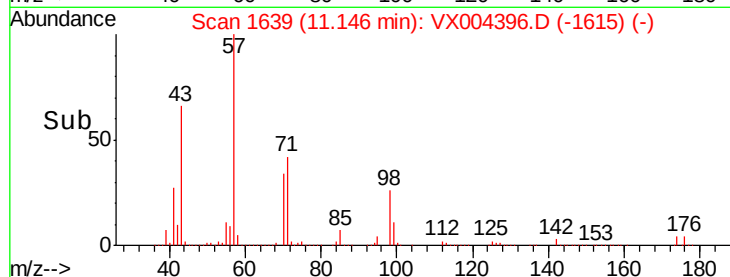
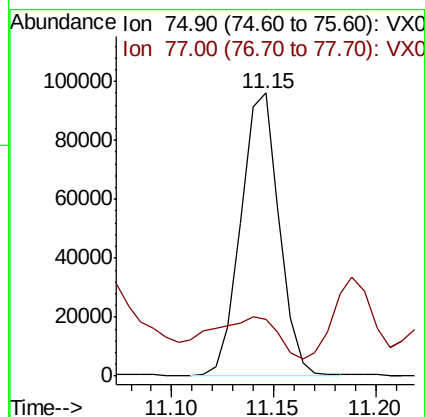
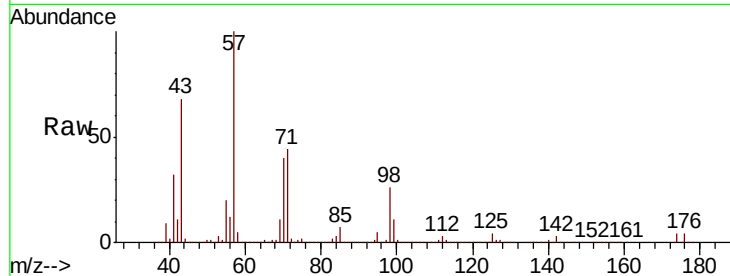
EP1-SUT-8USTS-E

Tot Ion: 75 Resp: 124893

Ion Ratio Lower Upper

75 100

77 26.5 20.2 60.6



#77

Bromobenzene

Concen: 1.32 ug/l

RT: 11.32 min Scan# 1667

Delta R.T. 0.06 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

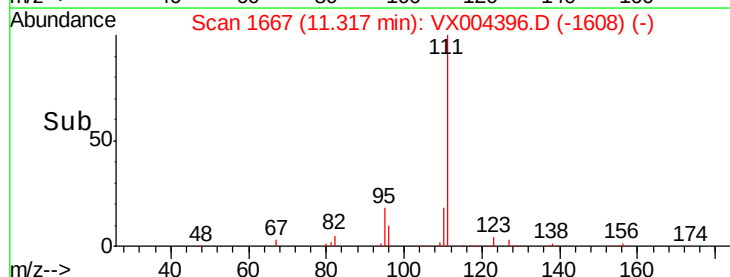
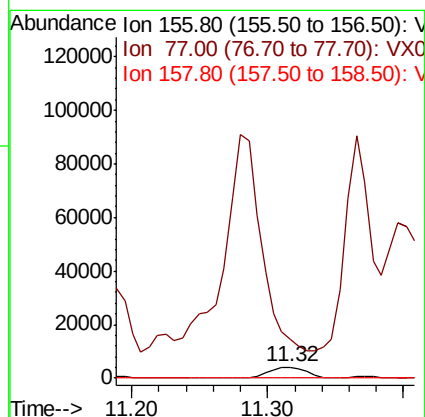
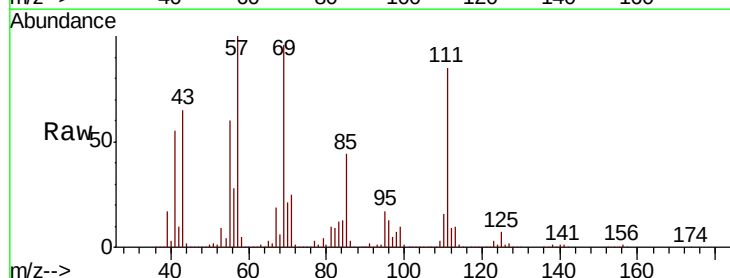
Tgt Ion: 156 Resp: 8238

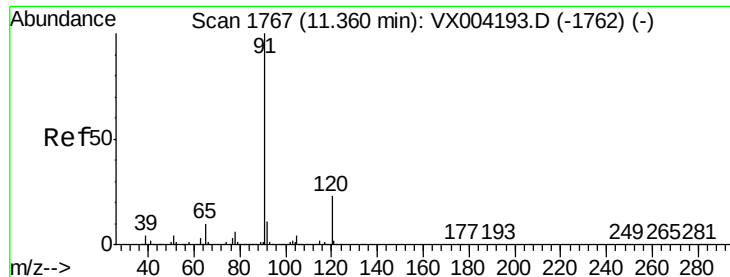
Ion Ratio Lower Upper

156 100

77 0.0 71.5 214.3#

158 0.0 48.9 146.8#





#78

n-propylbenzene

Concen: 104.45 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

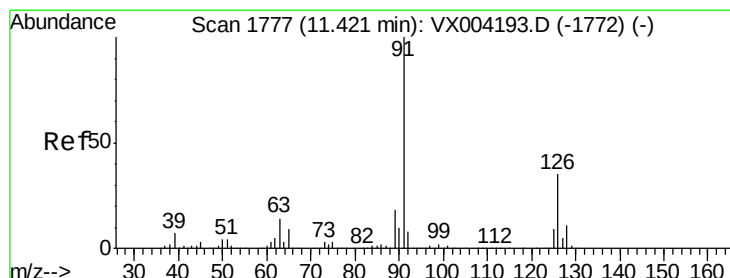
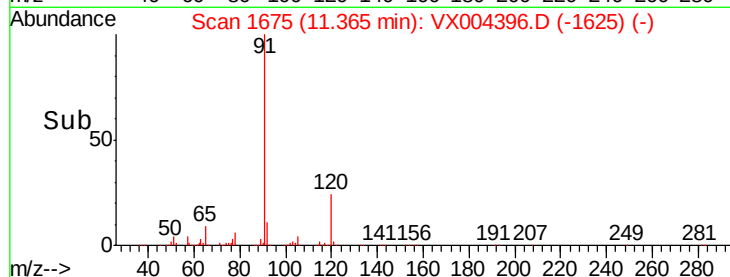
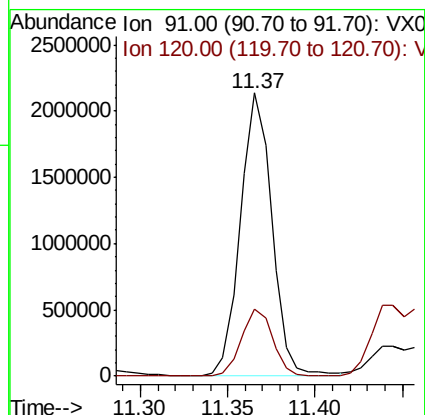
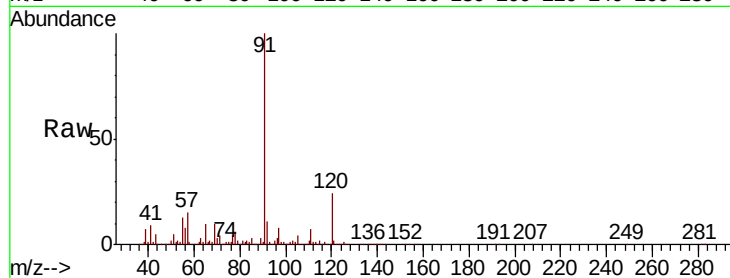
EP1-SUT-8USTS-E

Tot Ion: 91 Resp: 2672693

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 33.05 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX004396.D

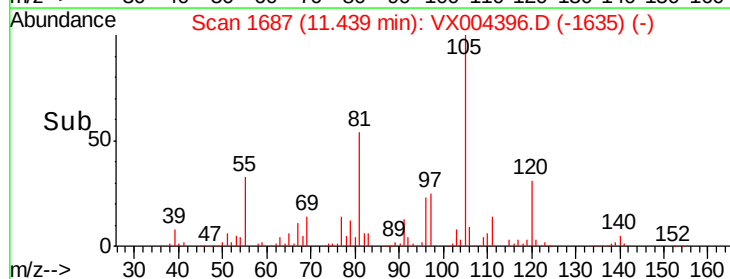
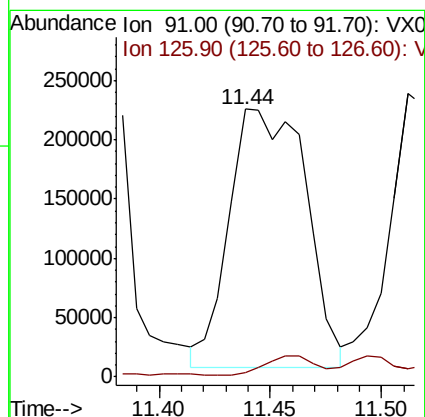
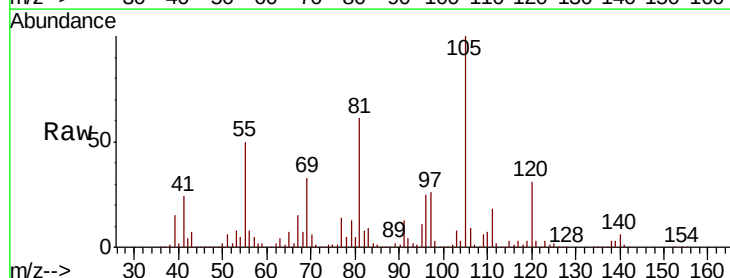
Acq: 06 Sep 2018 20:14

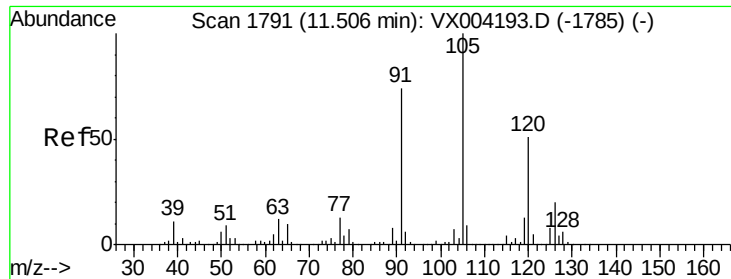
Tgt Ion: 91 Resp: 520436

Ion Ratio Lower Upper

91 100

126 5.0 17.9 53.7#

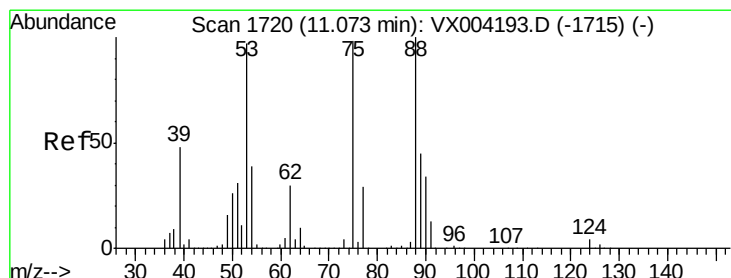
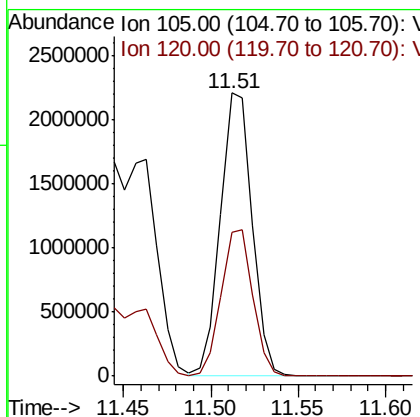
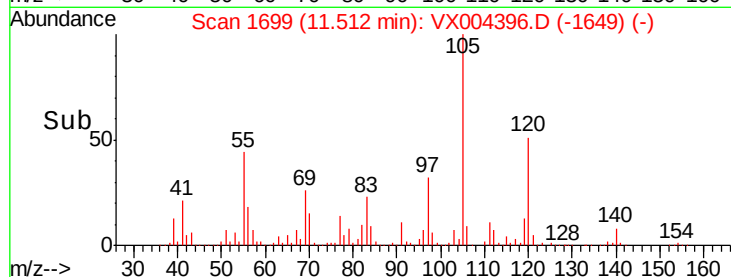
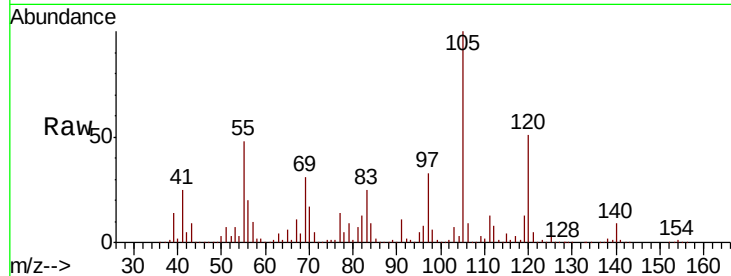




#80
 1,3,5-Trimethylbenzene
 Concen: 151.84 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

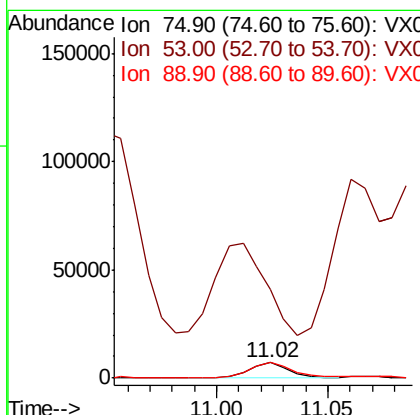
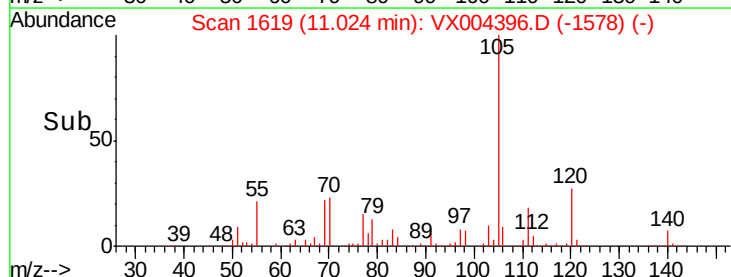
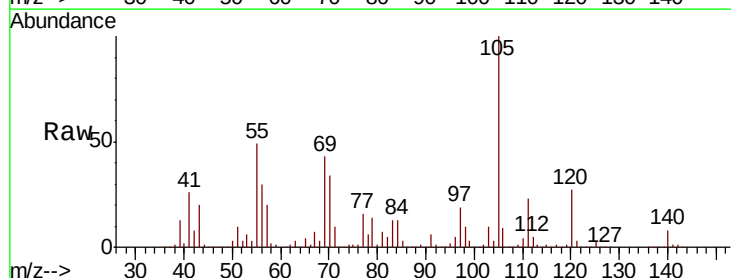
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

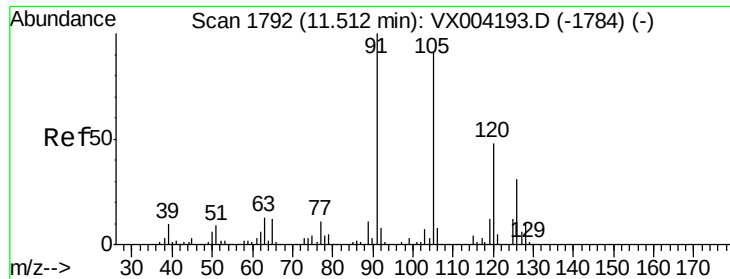
Tot Ion:105 Resp: 2797545
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.10 ug/l
 RT: 11.02 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion: 75 Resp: 8704
 Ion Ratio Lower Upper
 75 100
 53 775.3 80.1 120.1#
 89 107.8 37.2 55.8#

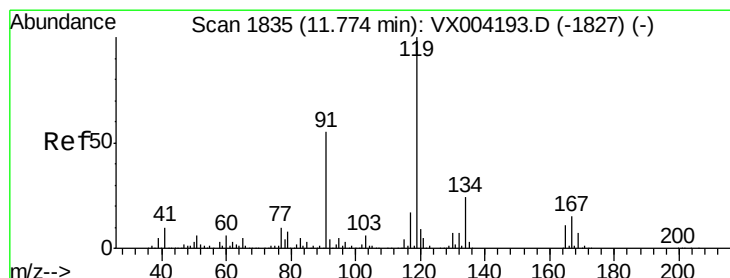
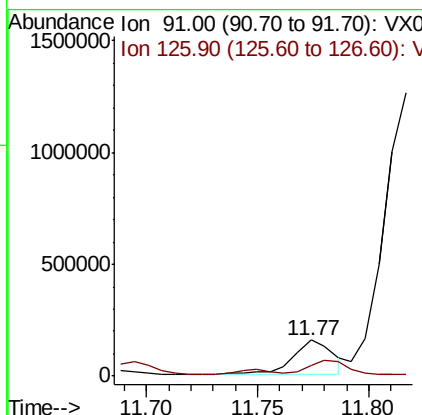
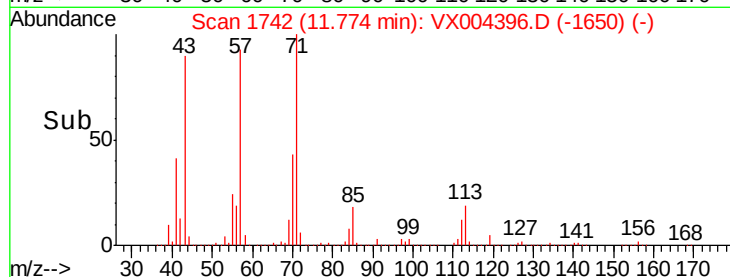
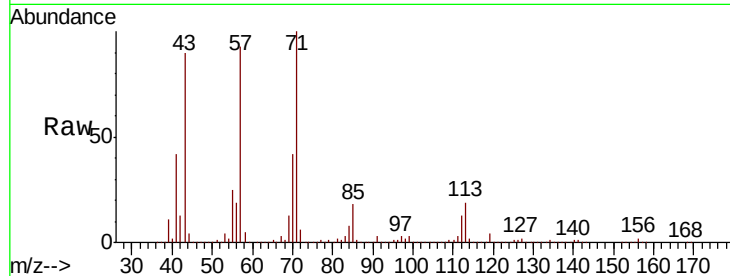




#82
4-Chlorotoluene
Concen: 10.31 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.26 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

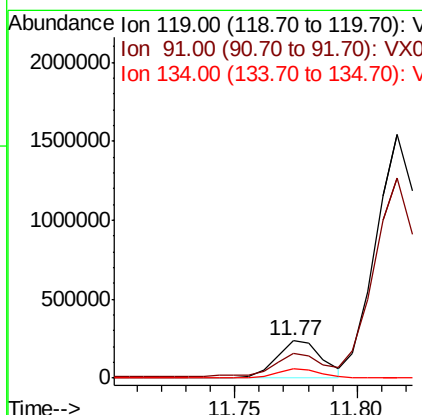
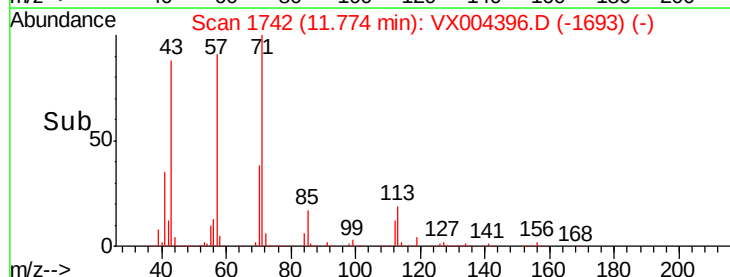
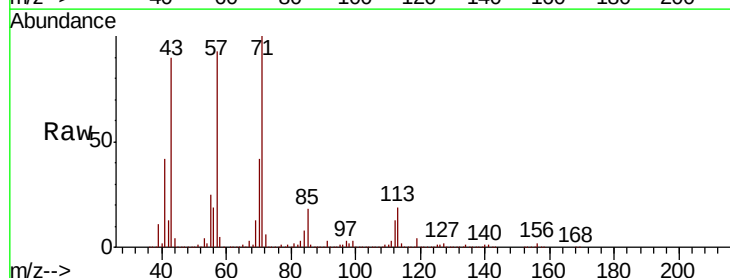
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

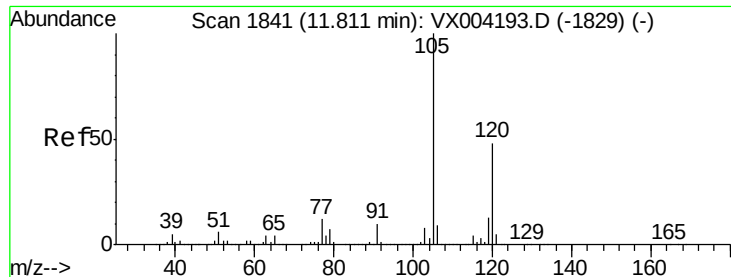
Tot Ion: 91 Resp: 191091
Ion Ratio Lower Upper
91 100
126 29.5 15.5 46.5



#83
tert-Butylbenzene
Concen: 16.59 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Tgt Ion: 119 Resp: 307507
Ion Ratio Lower Upper
119 100
91 68.9 27.0 81.0
134 24.6 11.7 35.1

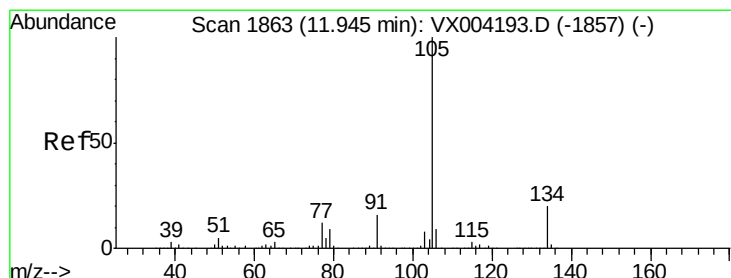
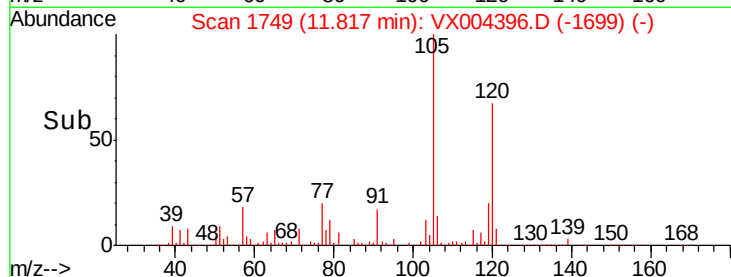
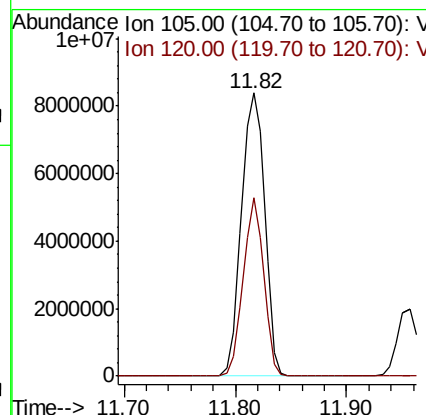
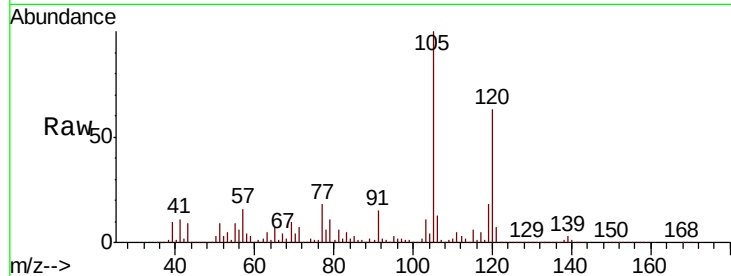




#84
 1,2,4-Trimethylbenzene
 Concen: 639.36 ug/l
 RT: 11.82 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

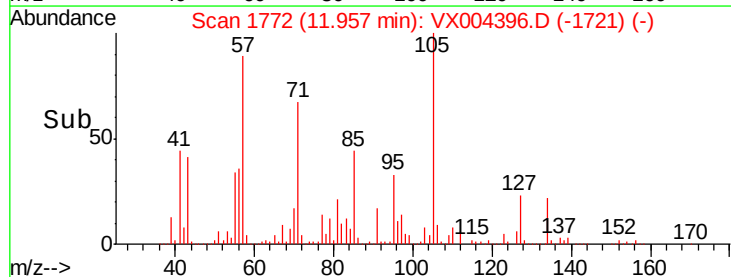
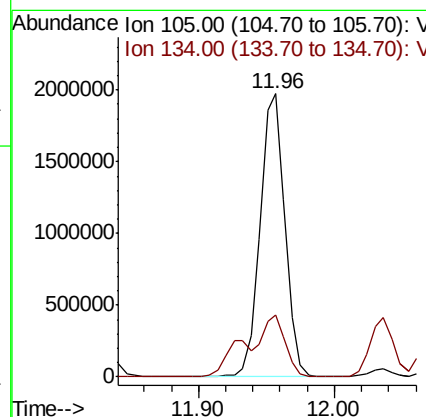
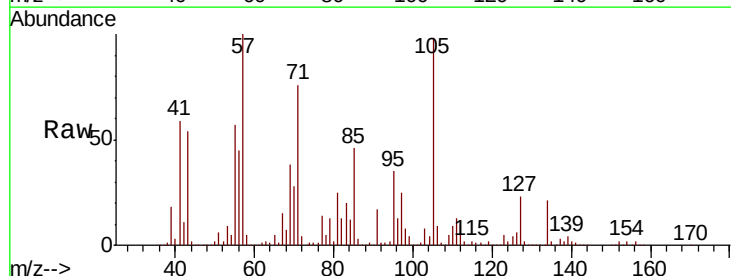
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

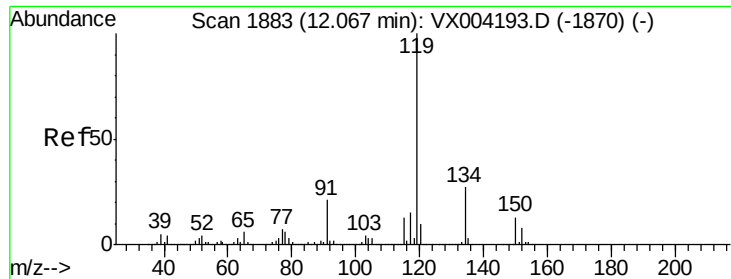
Tot Ion:105 Resp:12091595
 Ion Ratio Lower Upper
 105 100
 120 56.0 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 114.73 ug/l
 RT: 11.96 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion:105 Resp: 2524885
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5

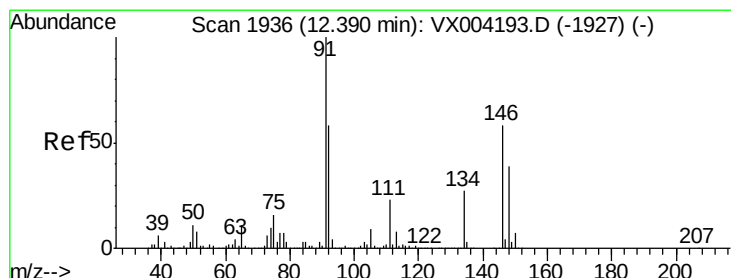
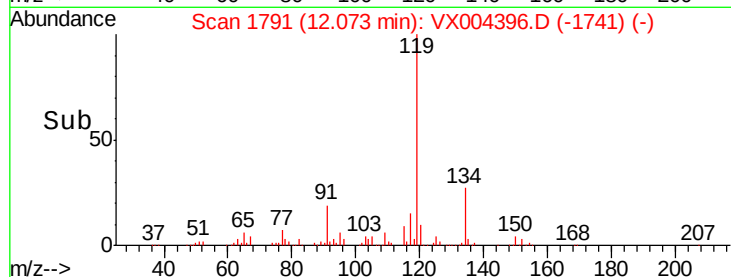
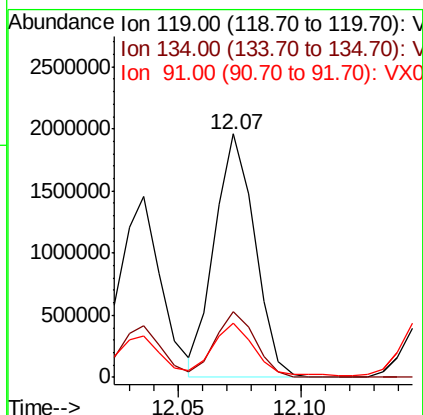
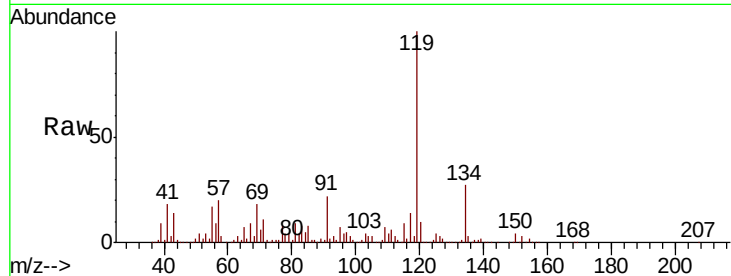




#86
 p-Isopropyltoluene
 Concen: 113.27 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

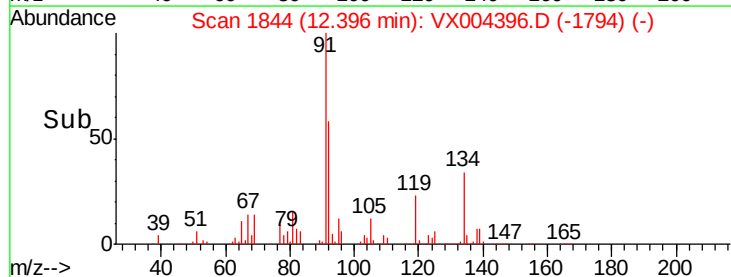
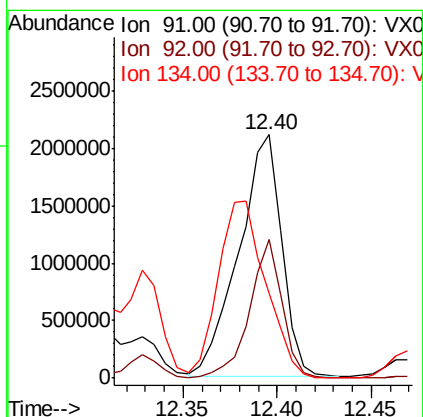
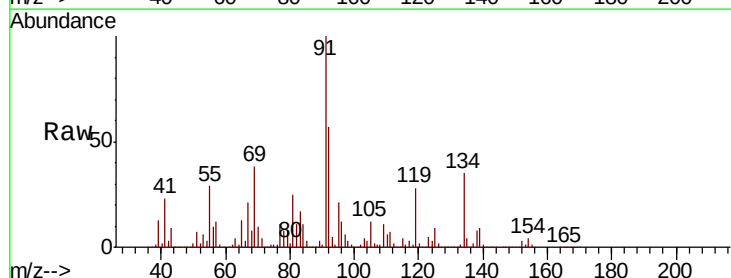
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

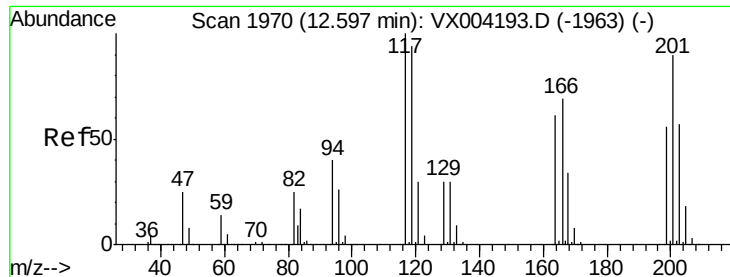
Tot Ion:119 Resp: 2234065
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 21.1 10.9 32.7



#89
 n-Butylbenzene
 Concen: 207.02 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004396.D
 Acq: 06 Sep 2018 20:14

Tgt Ion: 91 Resp: 3320073
 Ion Ratio Lower Upper
 91 100
 92 43.0 27.3 81.9
 134 80.7 13.6 40.7#





#90

Hexachloroethane

Concen: 101.85 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

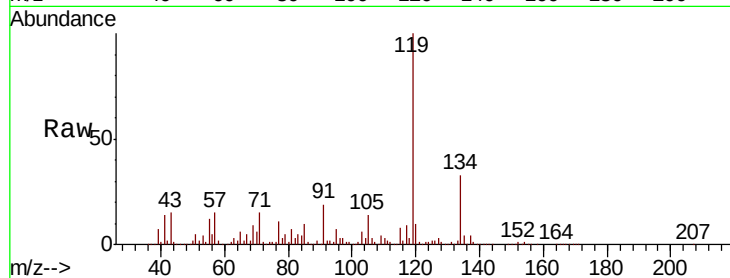
EP1-SUT-8USTS-E

Tot Ion:117 Resp: 280768

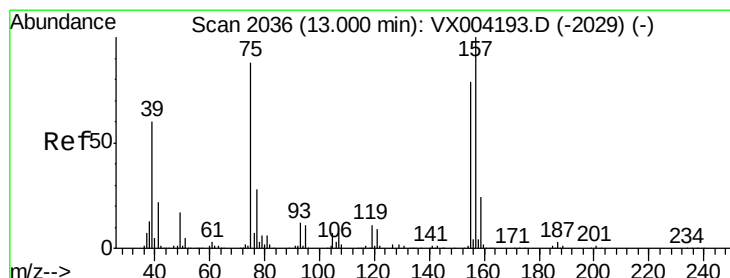
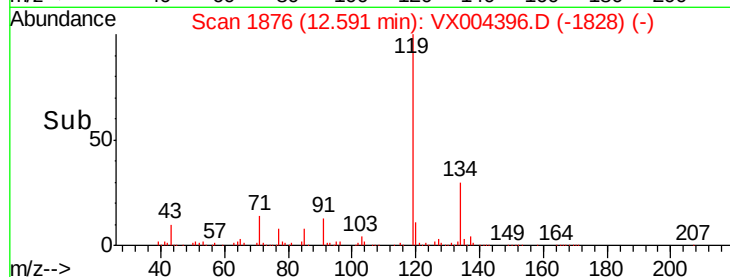
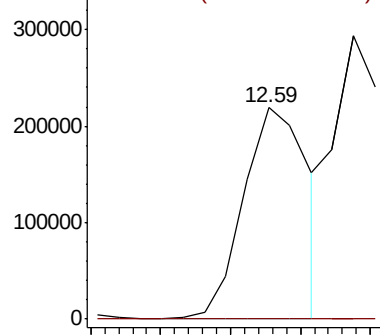
Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.34 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004396.D

Acq: 06 Sep 2018 20:14

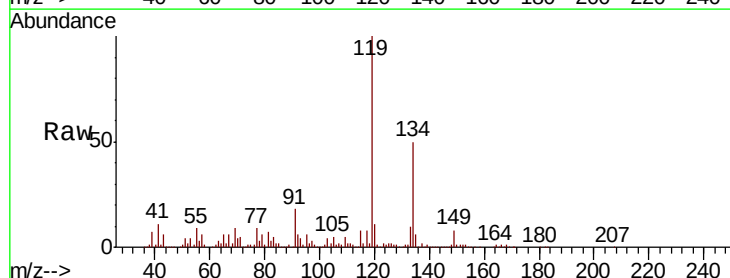
Tgt Ion: 75 Resp: 18296

Ion Ratio Lower Upper

75 100

155 12.5 48.0 144.2#

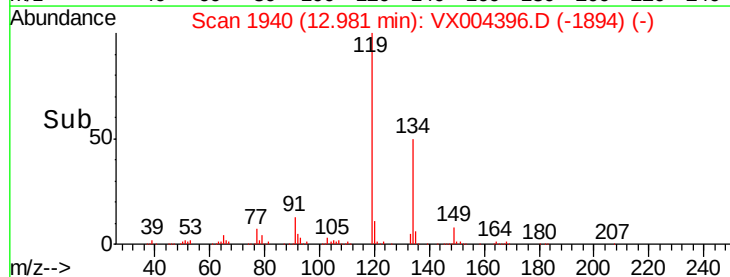
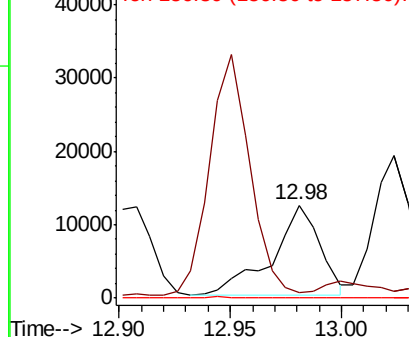
157 0.2 61.4 184.1#

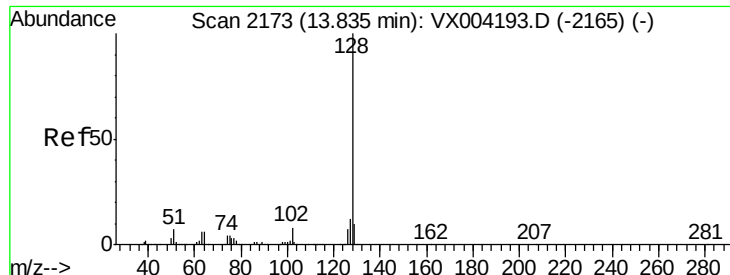


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 90.65 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004396.D
Acq: 06 Sep 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Tot Ion:128 Resp: 2003412
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 12.0 8.6 12.8

