

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004504.D
 Acq On : 12 Sep 2018 19:30
 Operator : JC/MD
 Sample : J4724-18DL 100X
 Misc : 3.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

Quant Time: Sep 13 01:06:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147975	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	130283	41.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.76%	
50) Toluene-d8	8.72	98	492799	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.14	95	195432	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds				Qvalue		
5) Bromomethane	1.64	94	760	Below Cal		96
10) Methyl Iodide	2.52	142	432	4.39 ug/l #		75
11) Tert butyl alcohol	3.07	59	233	0.35 ug/l #		72
13) Acrolein	2.29	56	142	0.54 ug/l #		38
16) Acetone	2.45	43	624	0.45 ug/l #		75
20) Methylene Chloride	2.86	84	703	0.25 ug/l #		93
29) Tetrahydrofuran	5.17	42	659	0.50 ug/l #		70
31) Cyclohexane	5.67	56	3875	0.95 ug/l #		1
36) 1,1-Dichloropropene	5.66	75	14316	3.43 ug/l #		49
38) Carbon Tetrachloride	5.66	117	18954	4.65 ug/l #		16
55) 1,1,2-Trichloroethane	9.16	97	2030	0.65 ug/l #		21
59) 2-Hexanone	9.56	43	3846	1.13 ug/l #		38
67) Ethyl Benzene	10.26	91	23016	1.66 ug/l		99
68) m/p-Xylenes	10.36	106	12090	2.26 ug/l		94
69) o-Xylene	10.70	106	1194	0.23 ug/l		88
73) Isopropylbenzene	11.02	105	79072	6.06 ug/l		100
74) N-amyl acetate	10.91	43	28147	5.12 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	11.28	83	22253	5.28 ug/l #		36
76) 1,2,3-Trichloropropane	11.44	75	5618	1.41 ug/l #		1
78) n-propylbenzene	11.36	91	231382	15.41 ug/l		99
79) 2-Chlorotoluene	11.44	91	80071	8.80 ug/l #		40
80) 1,3,5-Trimethylbenzene	11.51	105	445558	40.60 ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	90527	72.35 ug/l #		12
82) 4-Chlorotoluene	11.51	91	44976	4.23 ug/l #		45
83) tert-Butylbenzene	11.77	119	19055	1.82 ug/l		88
84) 1,2,4-Trimethylbenzene	11.81	105	1449238	129.34 ug/l		100
85) sec-Butylbenzene	11.95	105	139397	10.47 ug/l		79
86) p-Isopropyltoluene	12.07	119	110124	9.37 ug/l		99
89) n-Butylbenzene	12.39	91	188257	17.57 ug/l #		46
90) Hexachloroethane	12.59	117	15822	8.41 ug/l #		3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1025	1.14 ug/l #		1
95) Naphthalene	13.83	128	82081	6.07 ug/l		97

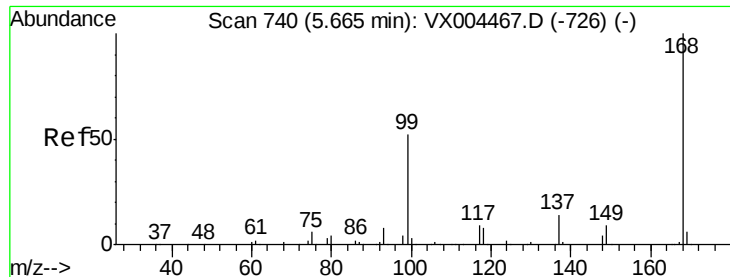
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
Data File : VX004504.D
Acq On : 12 Sep 2018 19:30
Operator : JC/MD
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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

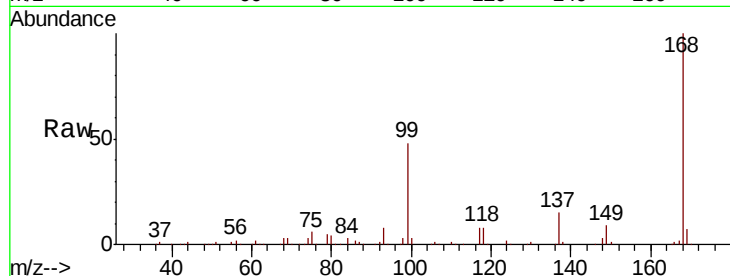
EP1-SUT-4USTS-SBDL

Tot Ion:168 Resp: 218288

Ion Ratio Lower Upper

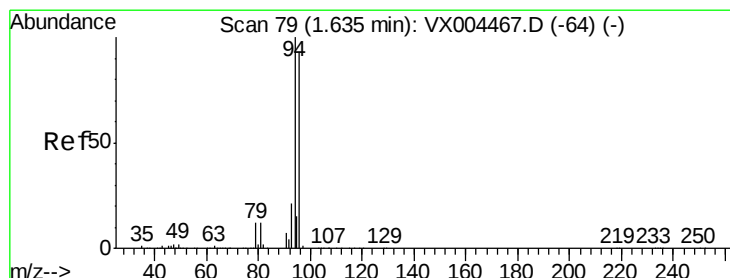
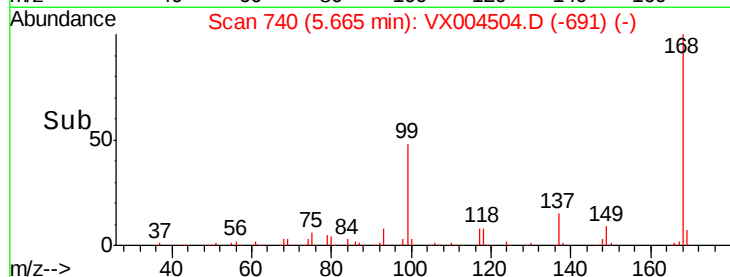
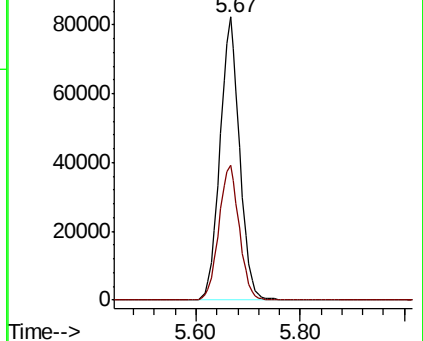
168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004504.D

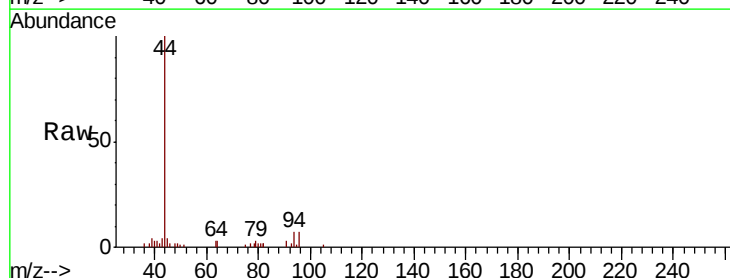
Acq: 12 Sep 2018 19:30

Tgt Ion: 94 Resp: 760

Ion Ratio Lower Upper

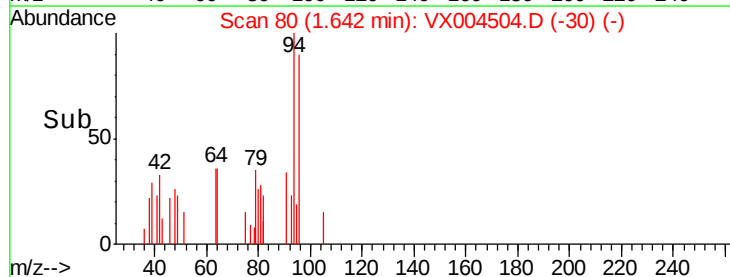
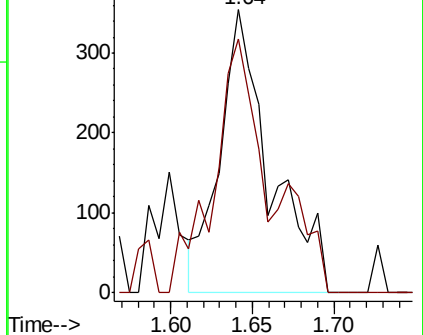
94 100

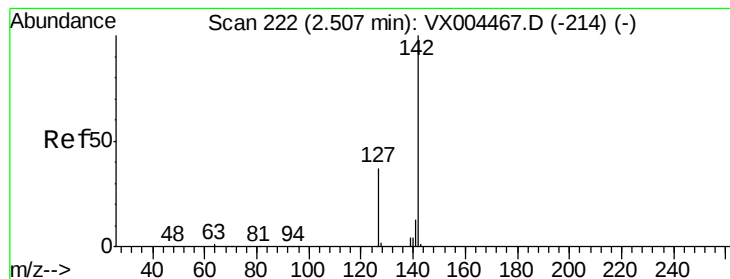
96 89.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methvl Iodide

Concen: 4.39 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

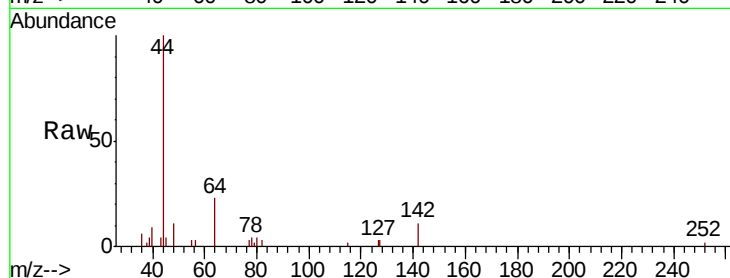
Tot Ion:142 Resp: 432

Ion Ratio Lower Upper

142 100

127 56.0 33.8 50.6#

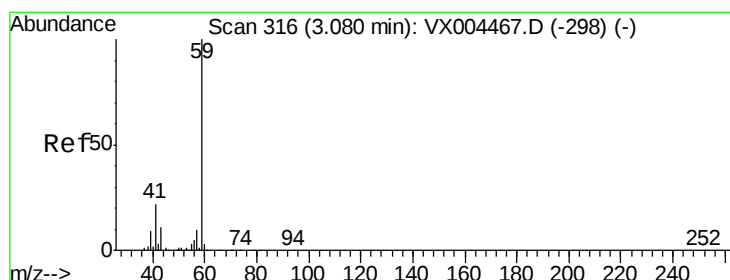
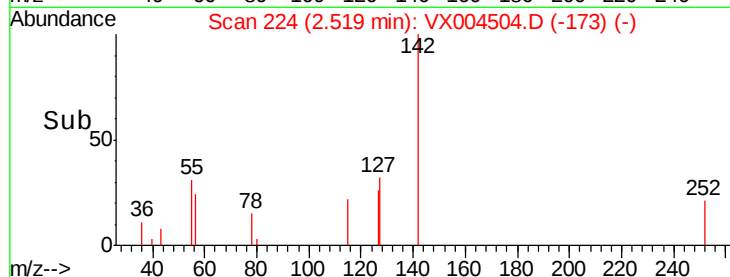
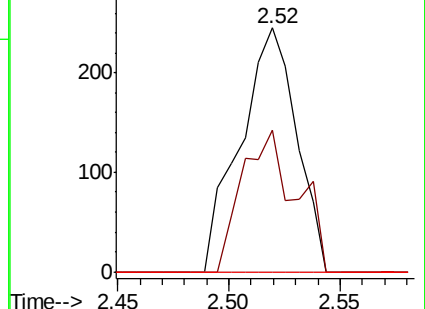
141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.35 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004504.D

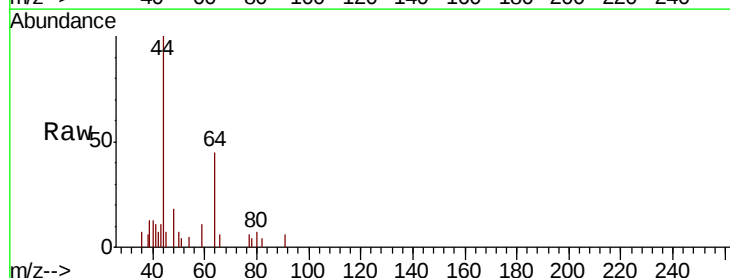
Acq: 12 Sep 2018 19:30

Tgt Ion: 59 Resp: 233

Ion Ratio Lower Upper

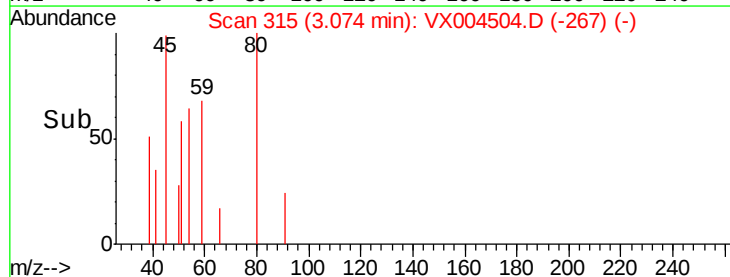
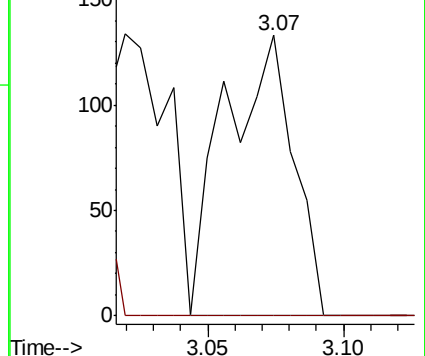
59 100

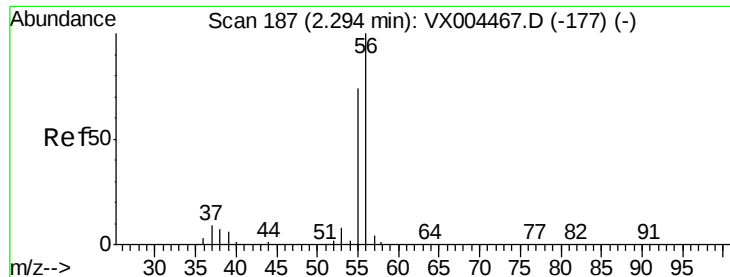
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.54 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

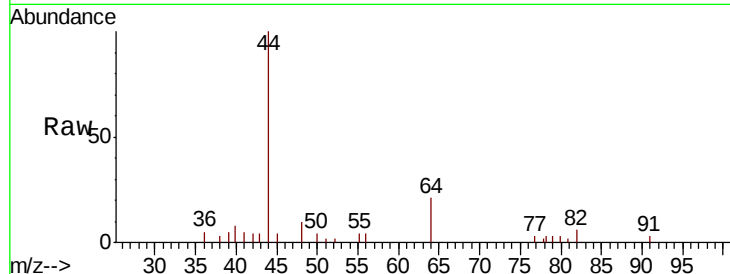
EP1-SUT-4USTS-SBDL

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

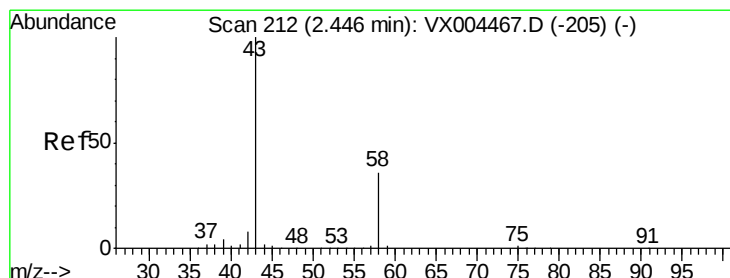
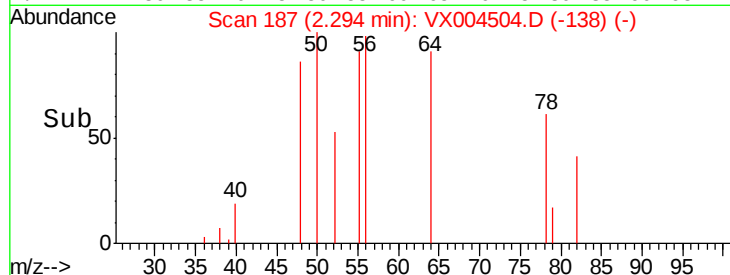
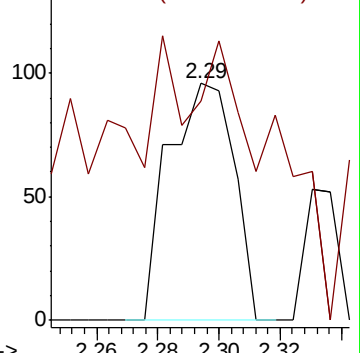
56 100

55 18.3 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.45 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004504.D

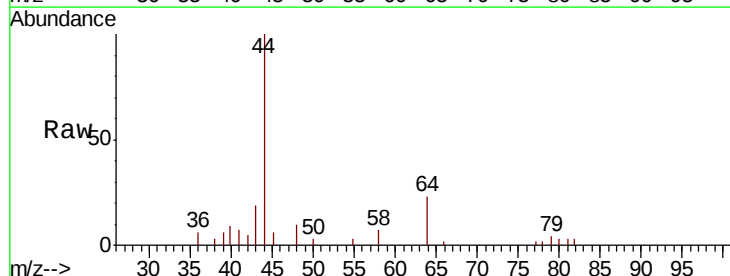
Acq: 12 Sep 2018 19:30

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

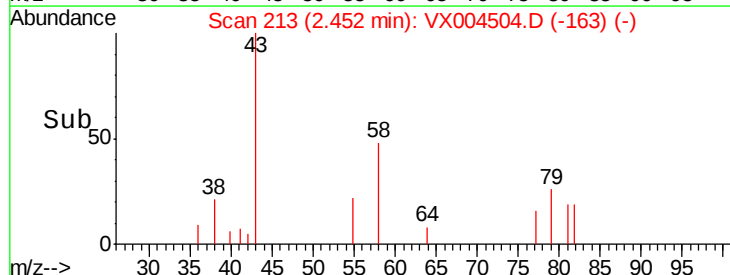
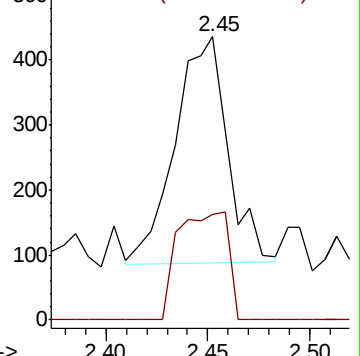
43 100

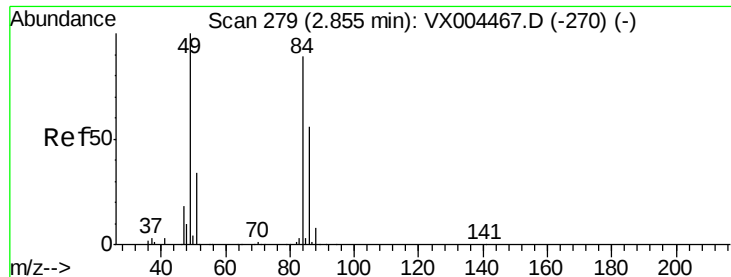
58 47.1 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

Tot Ion: 84 Resp: 703

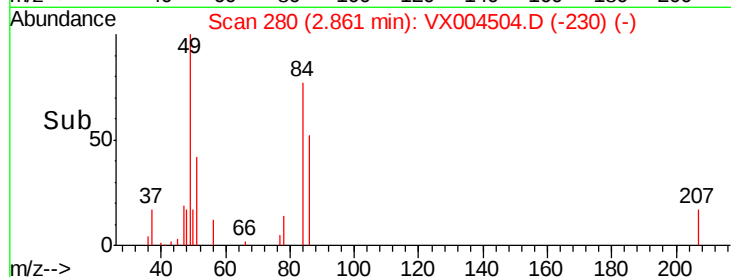
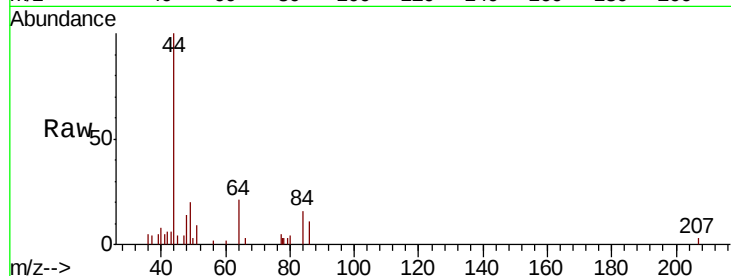
Ion Ratio Lower Upper

84 100

49 129.9 101.2 151.8

51 54.1 29.5 44.3#

86 67.2 52.3 78.5

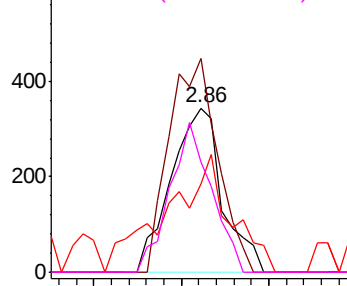


Abundance Ion 83.90 (83.60 to 84.60): VX0

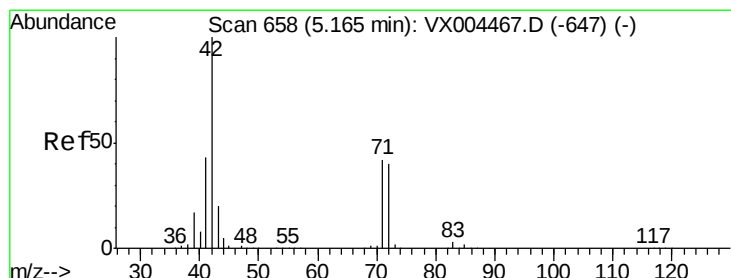
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

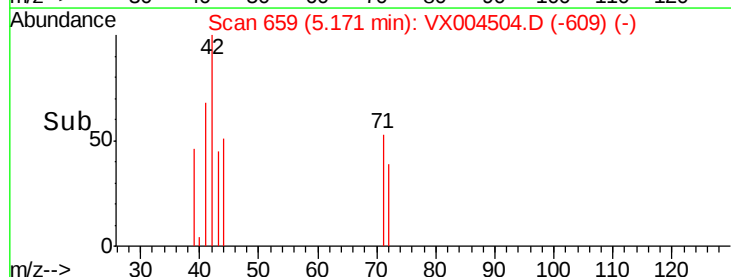
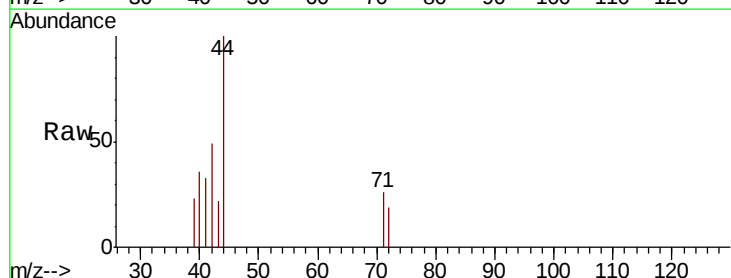
Tgt Ion: 42 Resp: 659

Ion Ratio Lower Upper

42 100

72 22.3 37.4 56.0#

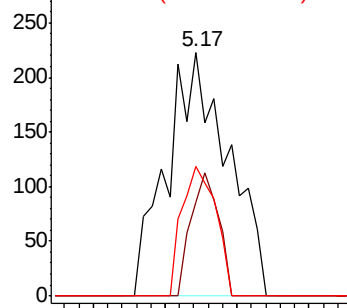
71 29.1 34.5 51.7#



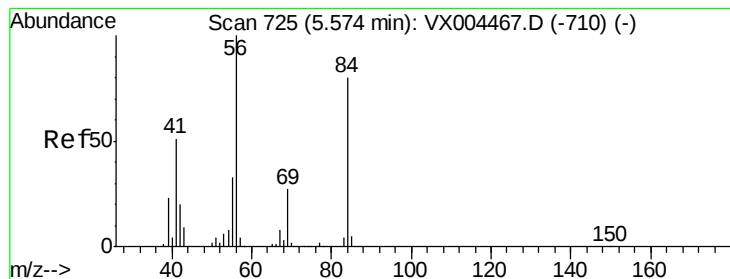
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

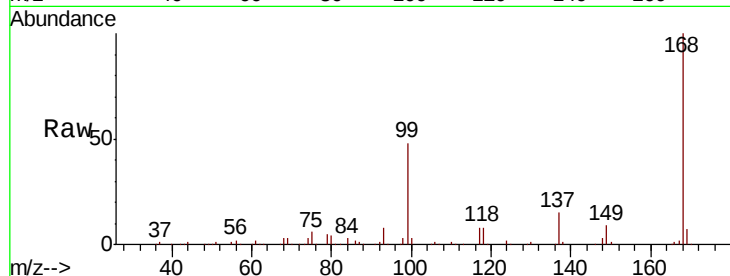
Tot Ion: 56 Resp: 3875

Ion Ratio Lower Upper

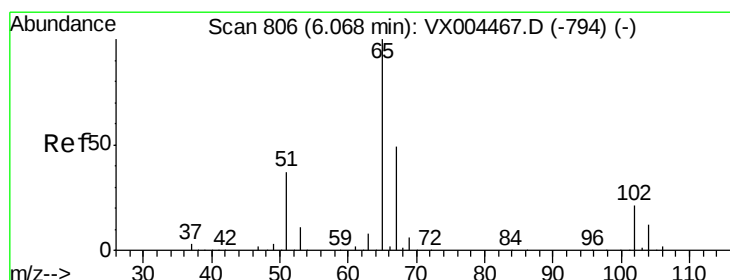
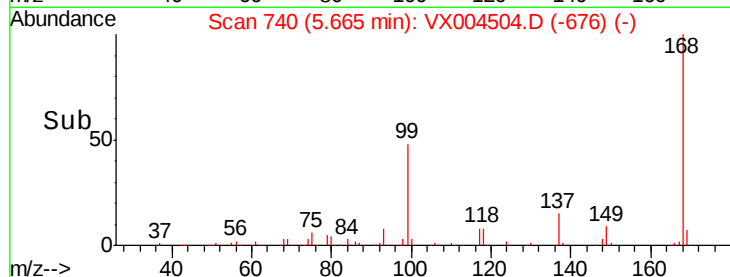
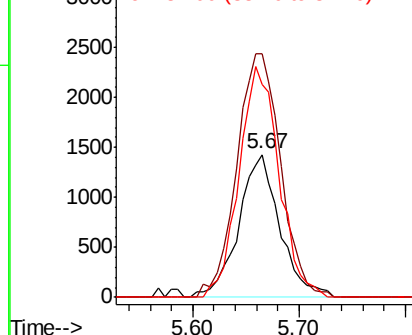
56 100

69 170.6 25.4 38.2#

84 149.4 71.4 107.2#



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: 52.57 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004504.D

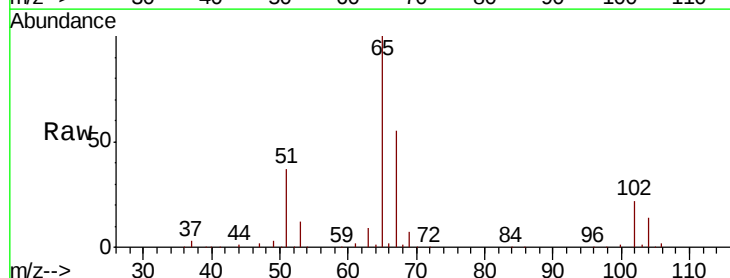
Acq: 12 Sep 2018 19:30

Tgt Ion: 65 Resp: 147975

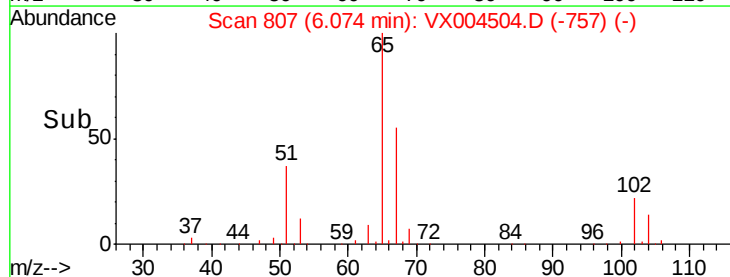
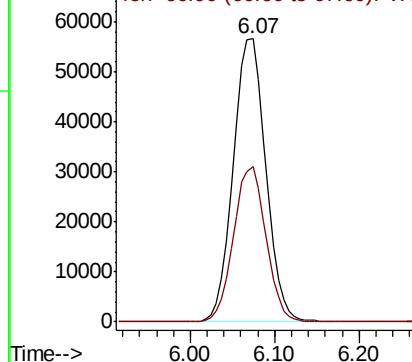
Ion Ratio Lower Upper

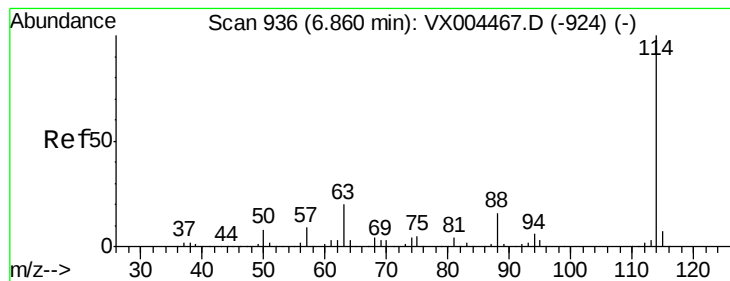
65 100

67 54.6 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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

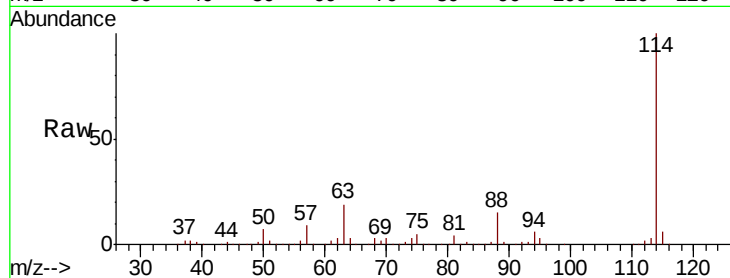
Tot Ion:114 Resp: 344087

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

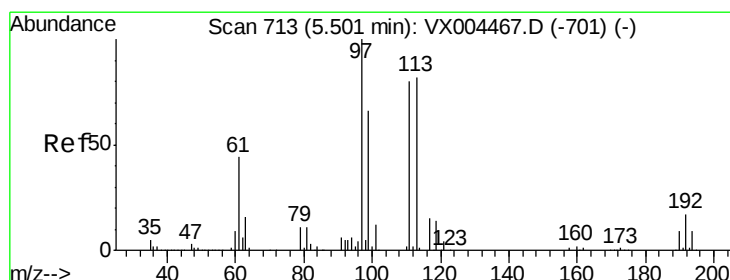
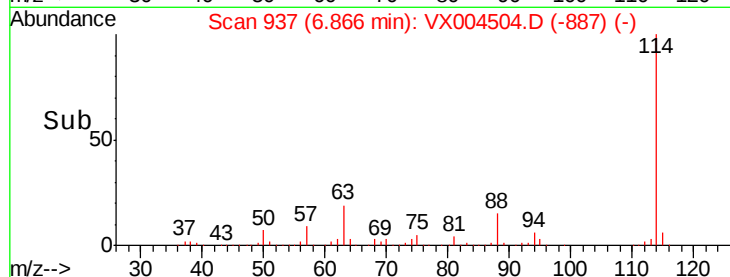
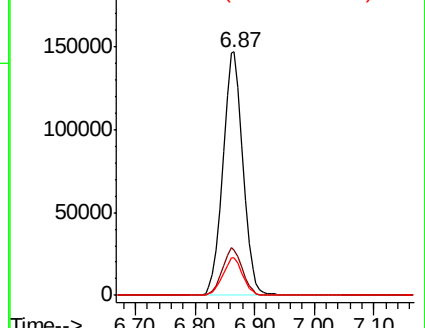
88 15.2 0.0 30.4



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: 41.38 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

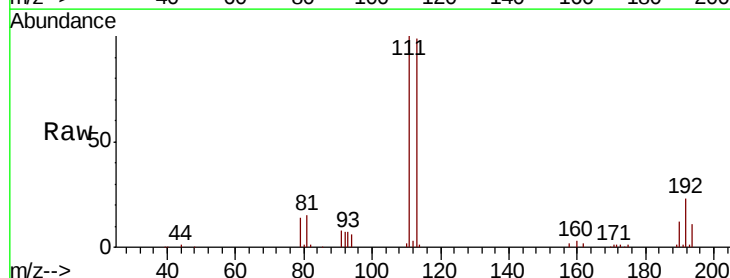
Tgt Ion:113 Resp: 130283

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

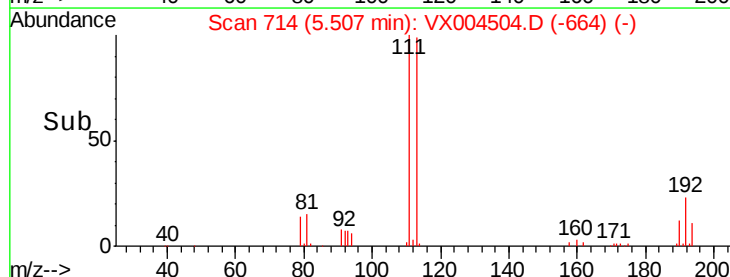
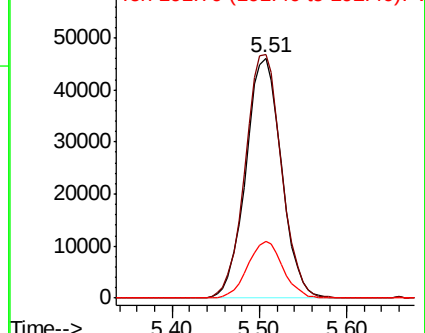
192 23.4 19.4 29.2

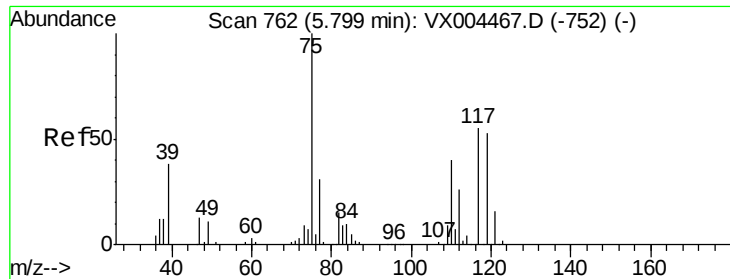


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

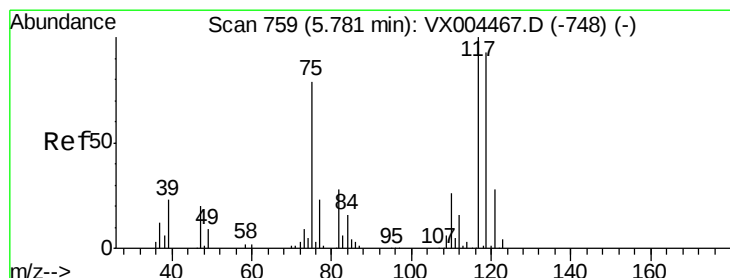
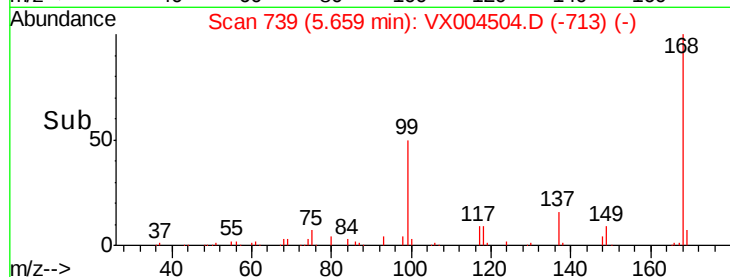
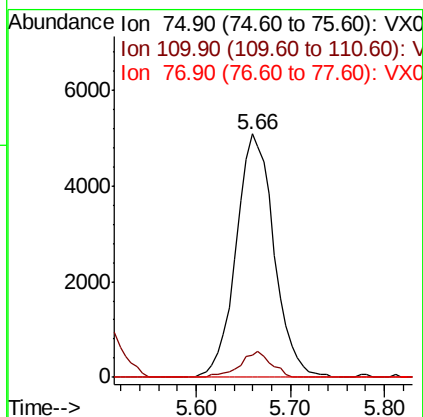
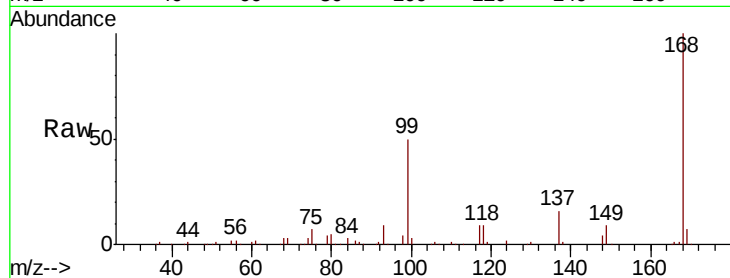




#36
 1,1-Dichloropropene
 Concen: 3.43 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

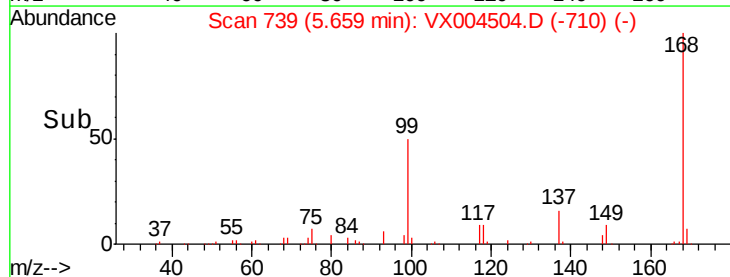
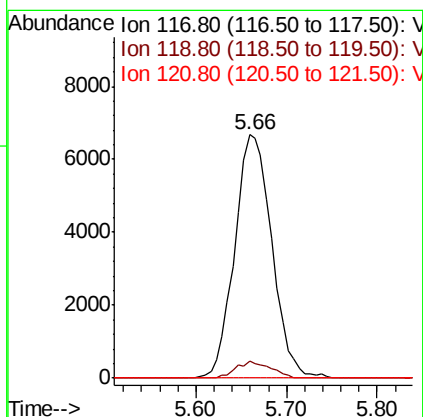
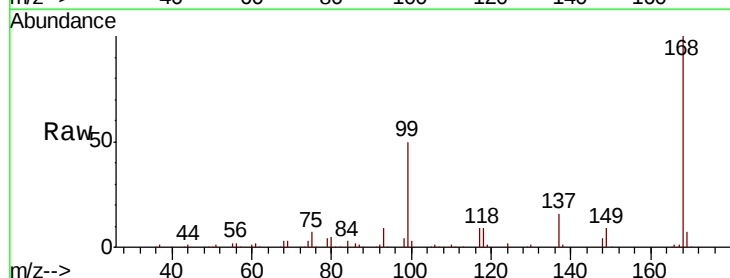
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

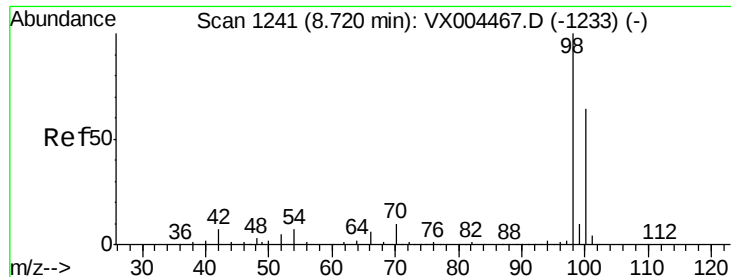
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.65 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	78.8	118.2#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 46.67 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

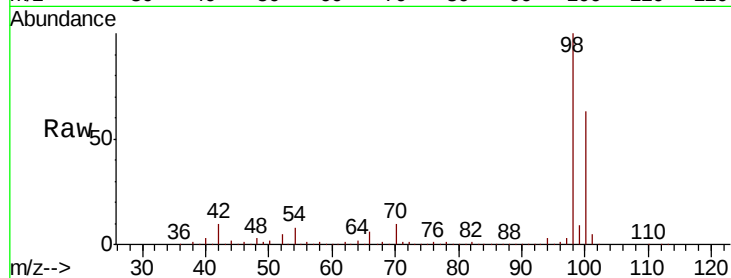
EP1-SUT-4USTS-SBDL

Tot Ion: 98 Resp: 492799

Ion Ratio Lower Upper

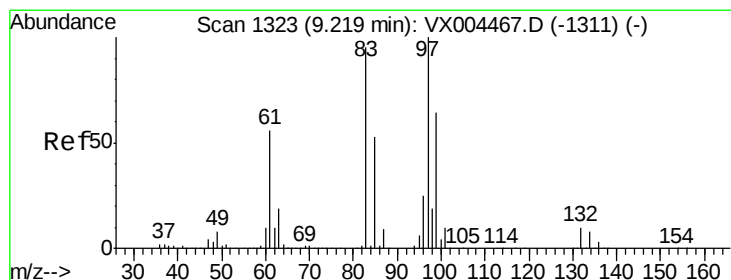
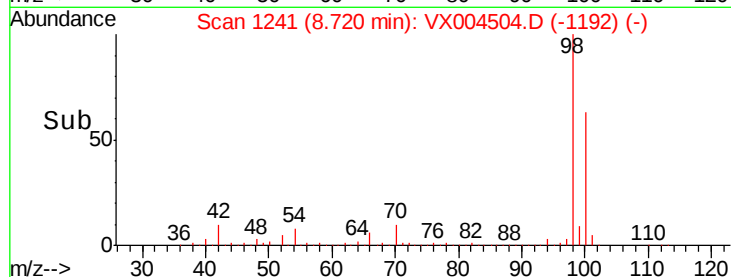
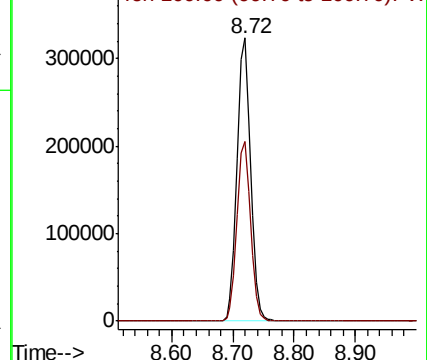
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.65 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Tgt Ion: 97 Resp: 2030

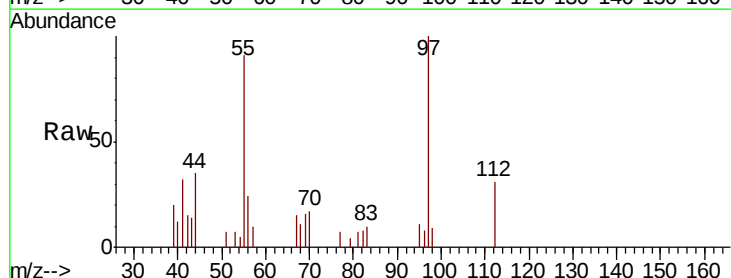
Ion Ratio Lower Upper

97 100

83 9.6 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

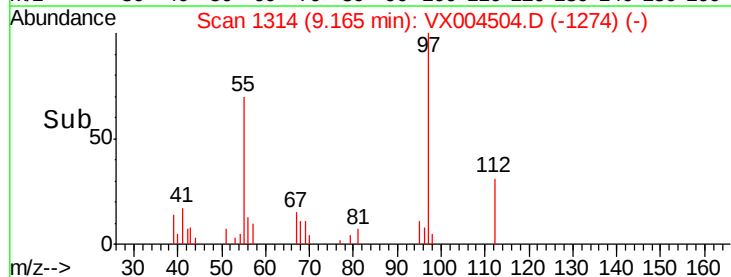
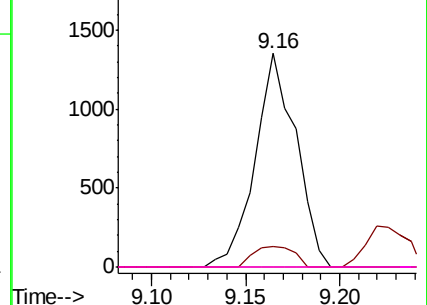


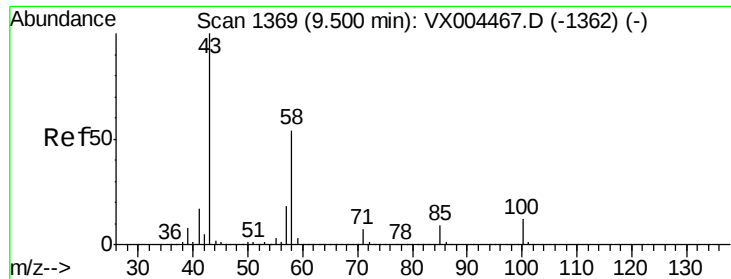
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

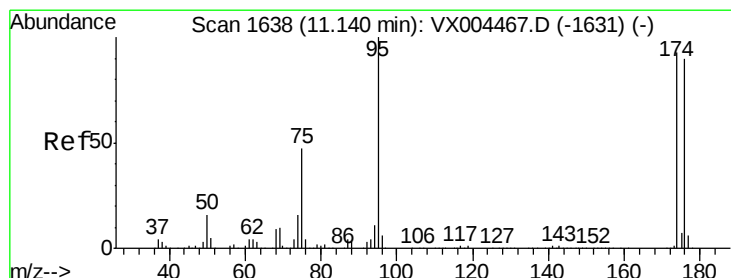
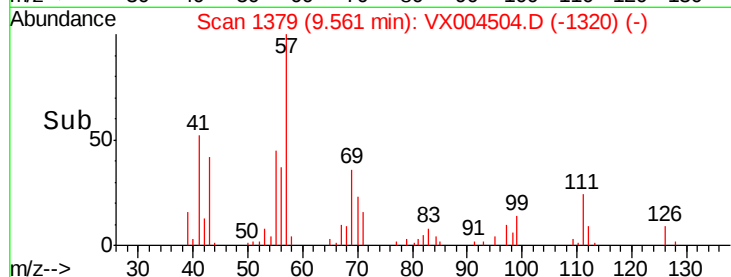
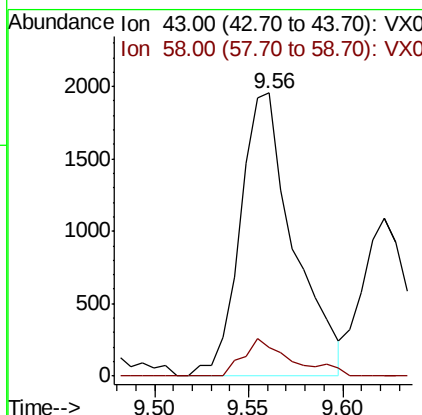
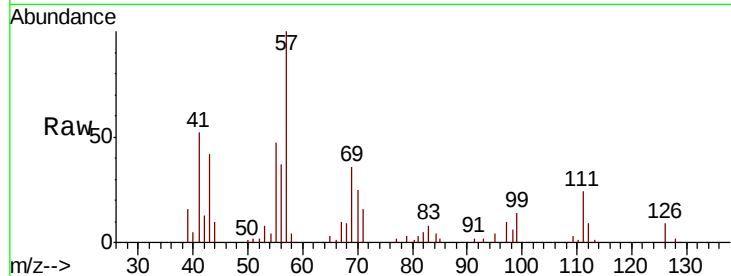




#59
2-Hexanone
Concen: 1.13 ug/l
RT: 9.56 min Scan# 1379
Delta R.T. 0.06 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

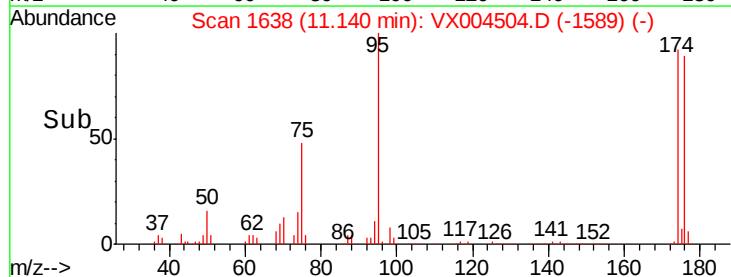
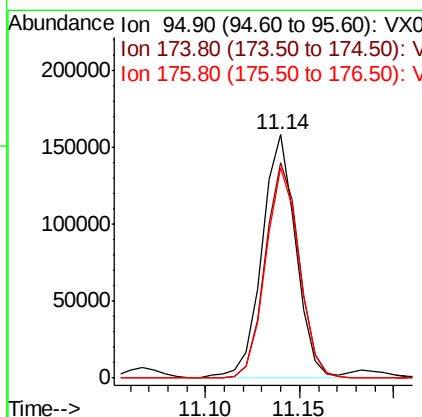
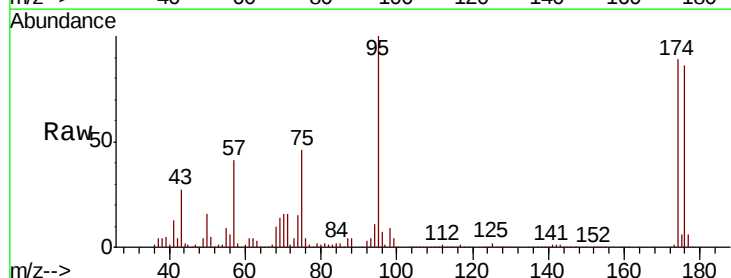
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

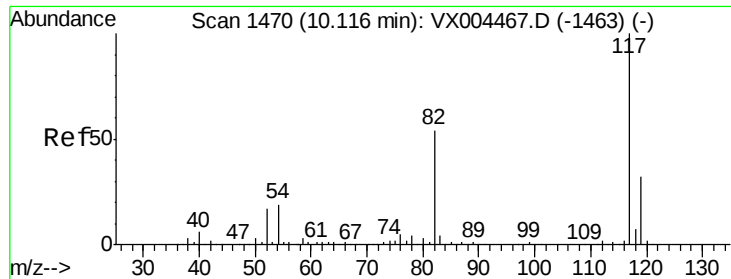
Tot Ion: 43 Resp: 3846
Ion Ratio Lower Upper
43 100
58 11.7 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 95 Resp: 195432
Ion Ratio Lower Upper
95 100
174 89.7 0.0 185.2
176 86.9 0.0 178.6

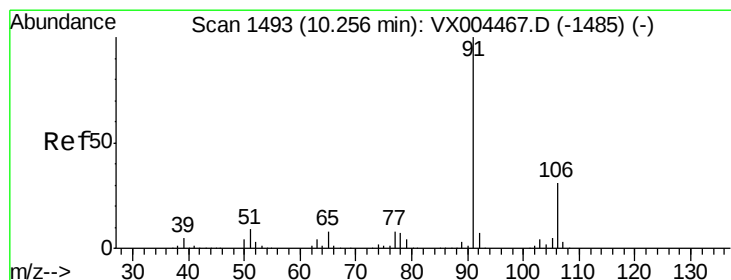
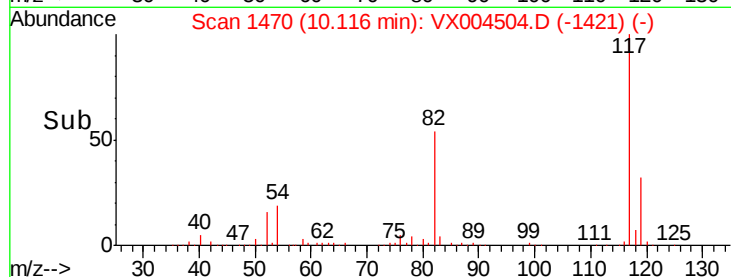
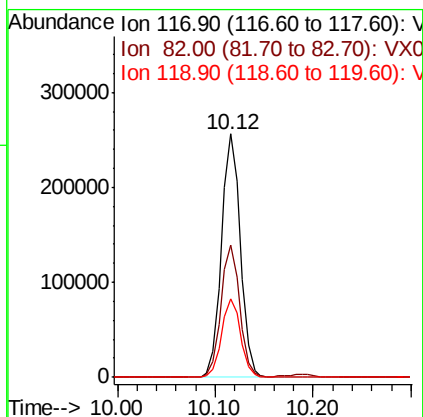
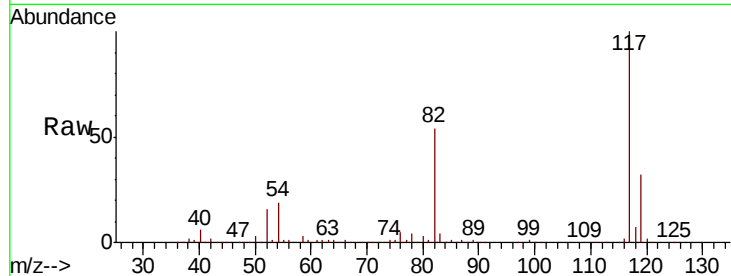




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

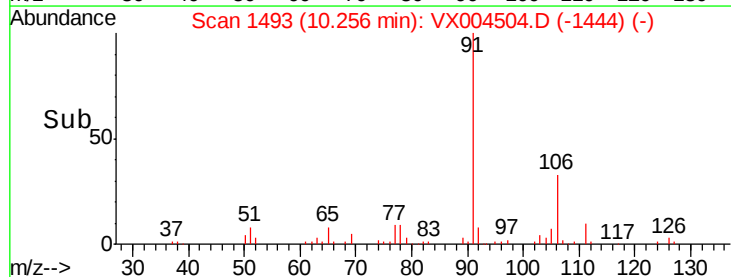
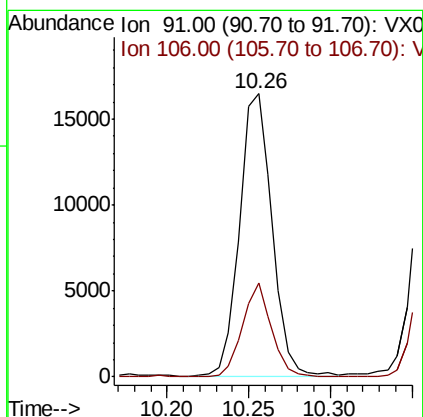
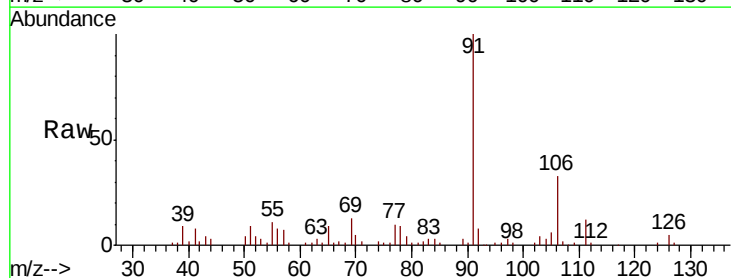
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

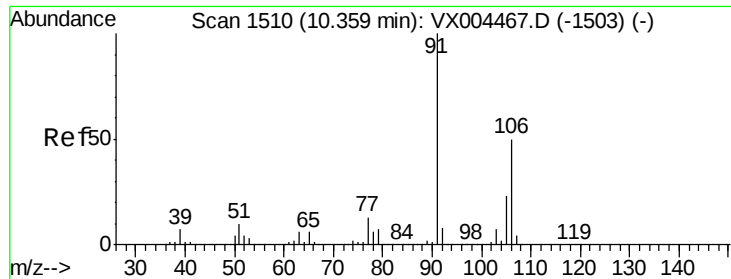
Tot Ion:117 Resp: 343827
Ion Ratio Lower Upper
117 100
82 54.2 47.8 71.6
119 32.4 29.3 43.9



#67
Ethyl Benzene
Concen: 1.66 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 23016
Ion Ratio Lower Upper
91 100
106 33.0 25.9 38.9

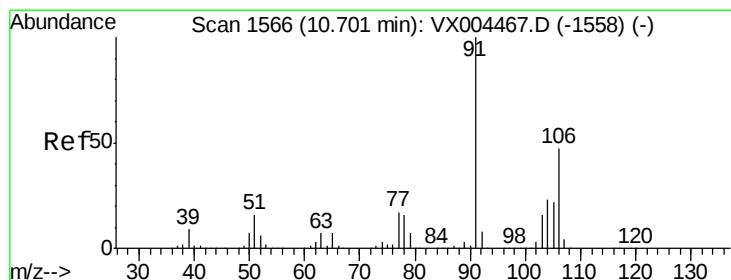
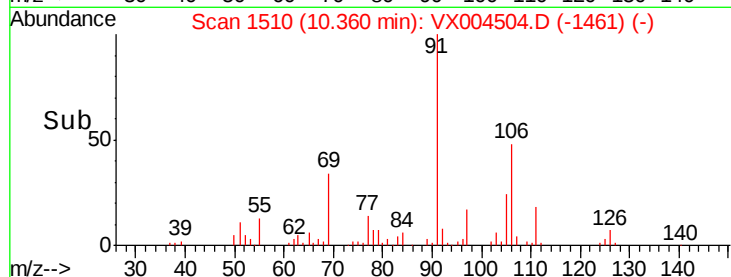
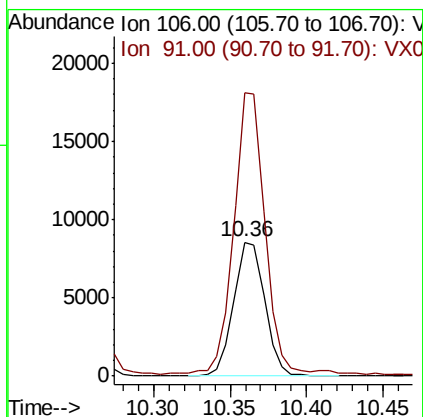
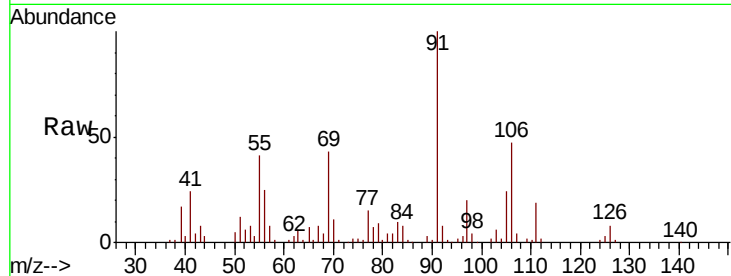




#68
m/p-Xylenes
Concen: 2.26 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

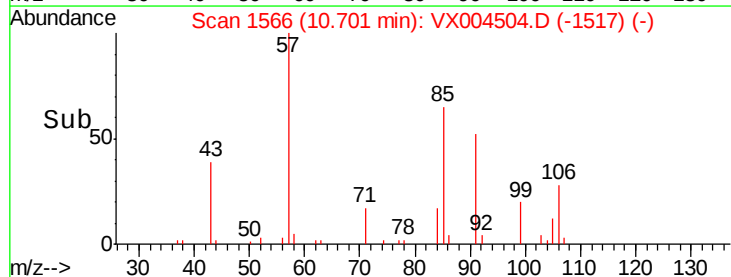
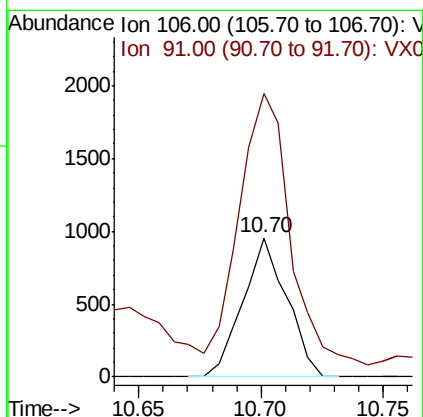
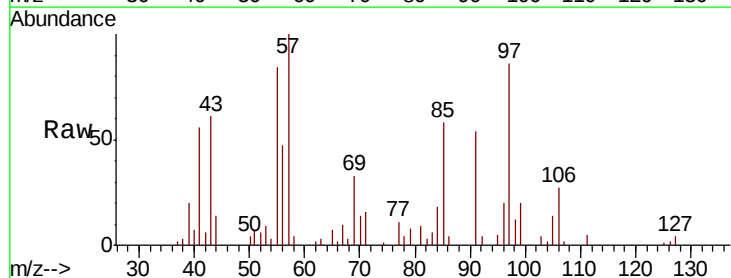
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

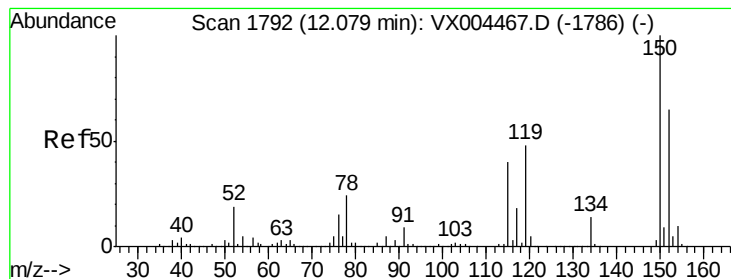
Tot Ion:106 Resp: 12090
Ion Ratio Lower Upper
106 100
91 205.7 157.1 235.7



#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion:106 Resp: 1194
Ion Ratio Lower Upper
106 100
91 228.8 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

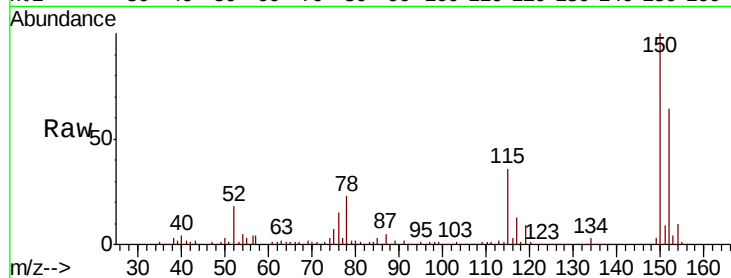
Tot Ion:152 Resp: 198224

Ion Ratio Lower Upper

152 100

115 59.0 39.0 117.0

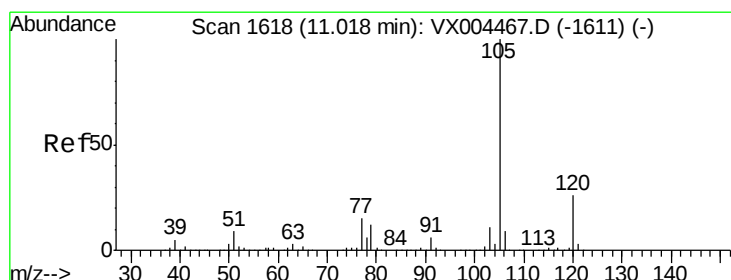
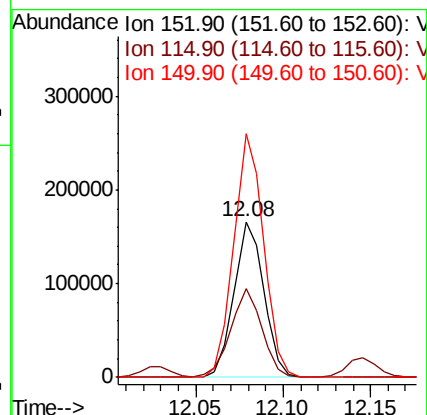
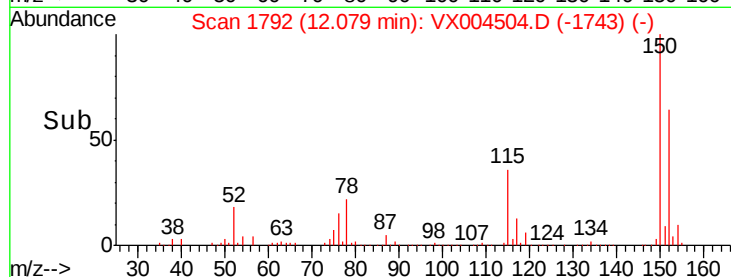
150 156.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.06 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004504.D

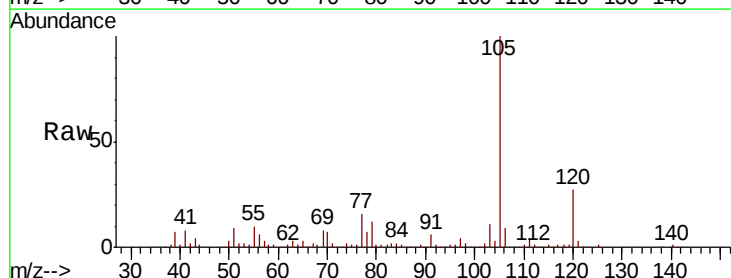
Acq: 12 Sep 2018 19:30

Tgt Ion:105 Resp: 79072

Ion Ratio Lower Upper

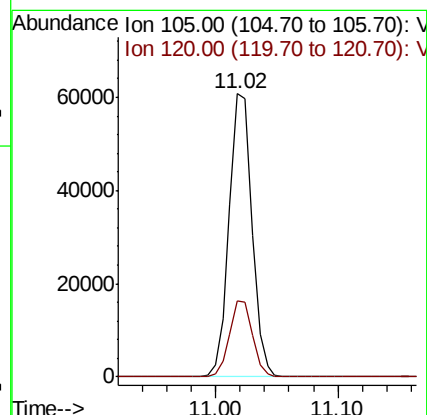
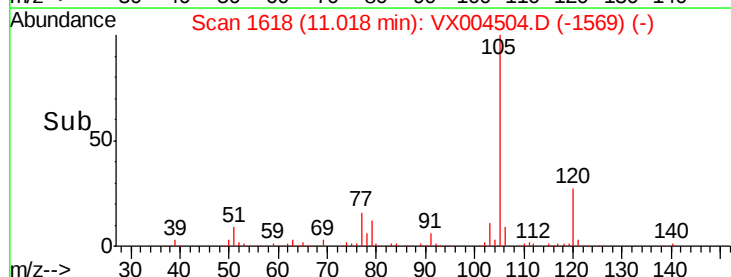
105 100

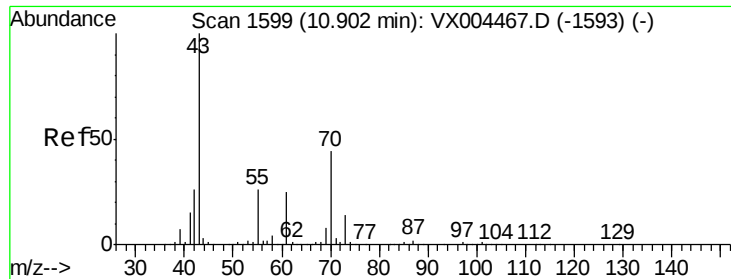
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 5.12 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

Tot Ion: 43 Resp: 28147

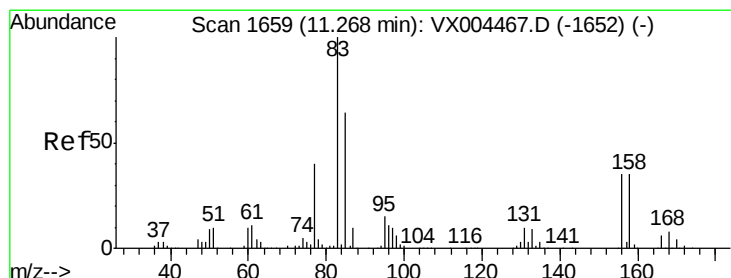
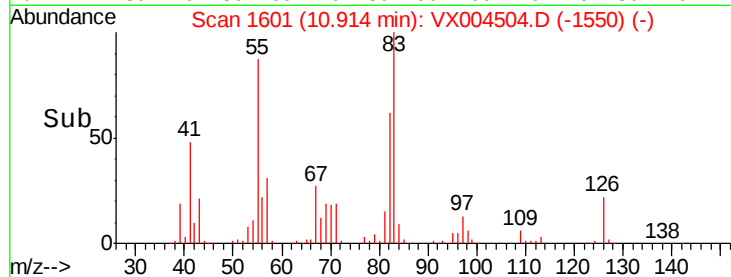
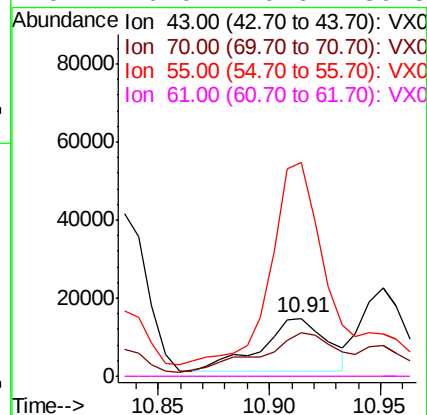
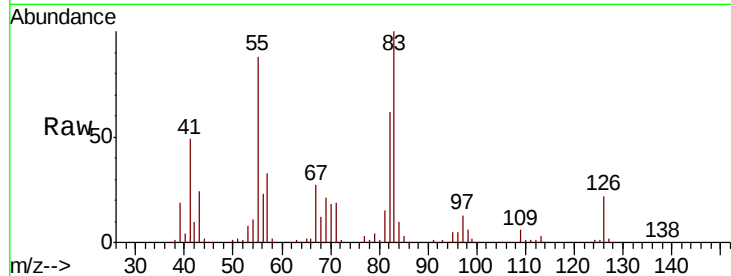
Ion Ratio Lower Upper

43 100

70 94.0 37.4 56.0#

55 346.7 21.8 32.8#

61 0.0 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.28 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

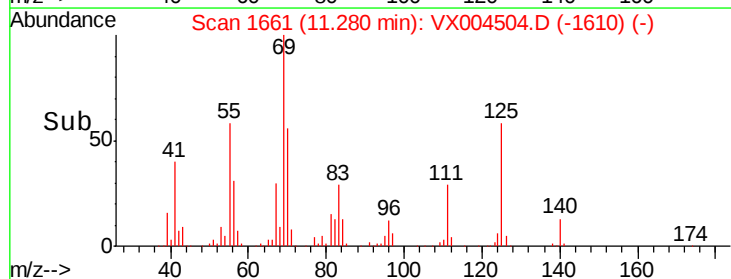
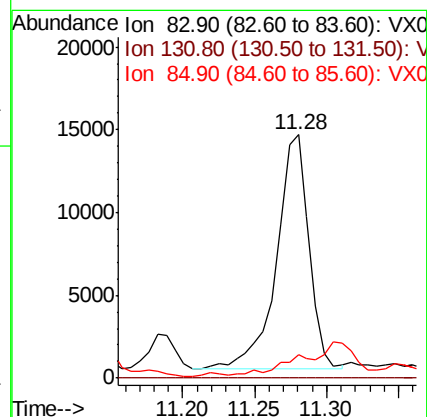
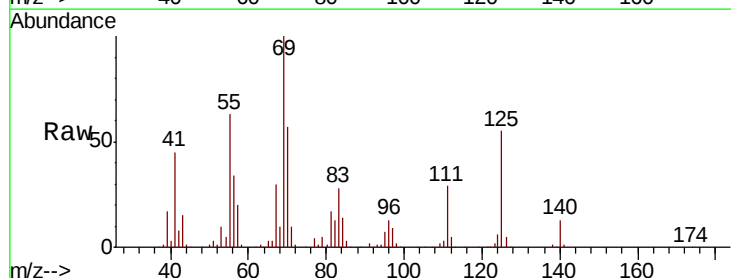
Tgt Ion: 83 Resp: 22253

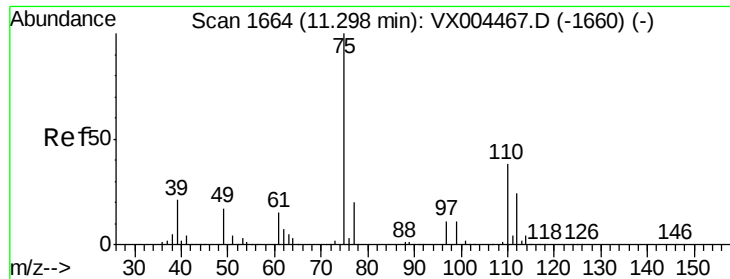
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 9.4 32.3 96.8#

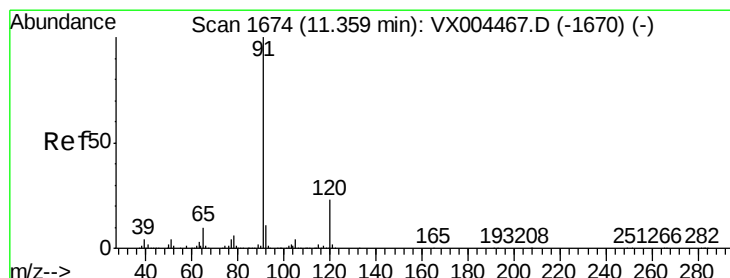
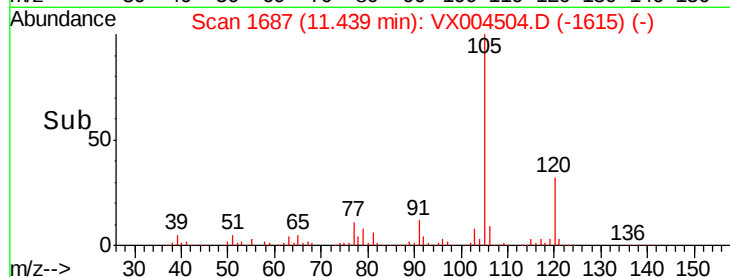
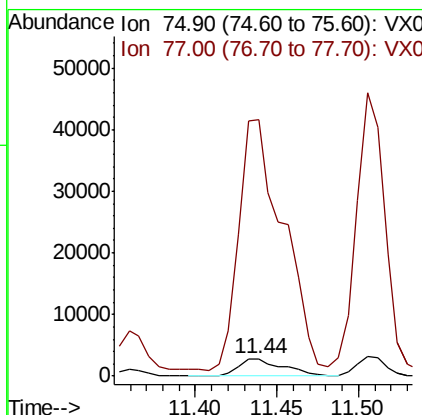
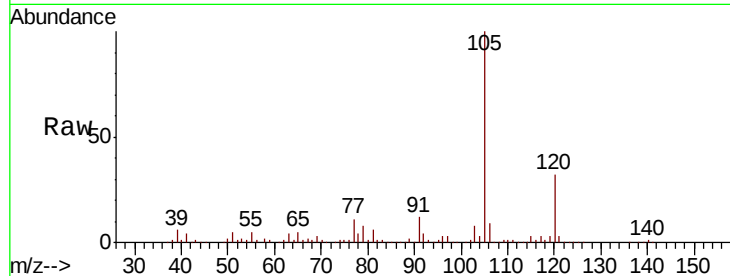




#76
 1,2,3-Trichloropropane
 Concen: 1.41 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.14 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

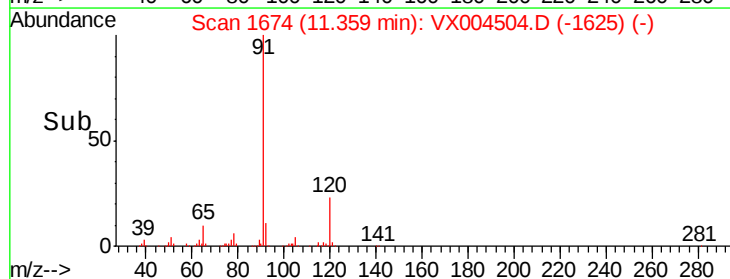
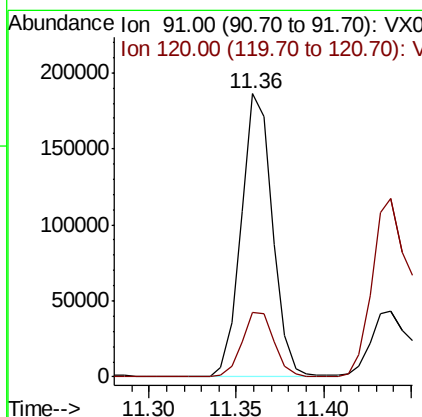
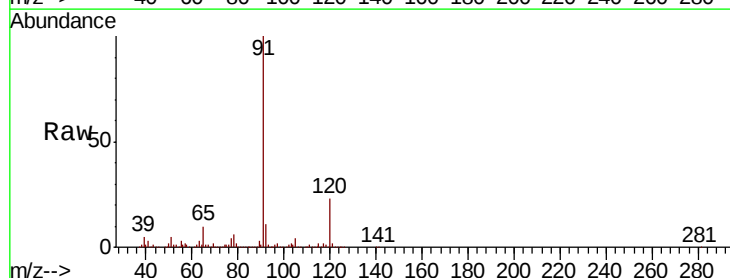
Instrument :
 MSVOA_X
 ClientSampleID :
 EP1-SUT-4USTS-SBDL

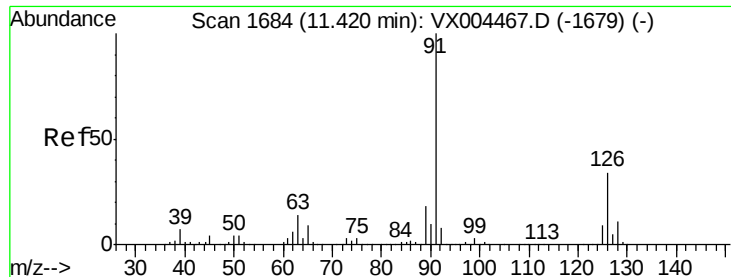
Tot Ion: 75 Resp: 5618
 Ion Ratio Lower Upper
 75 100
 77 1408.5 20.2 60.6#



#78
 n-propylbenzene
 Concen: 15.41 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 231382
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.9

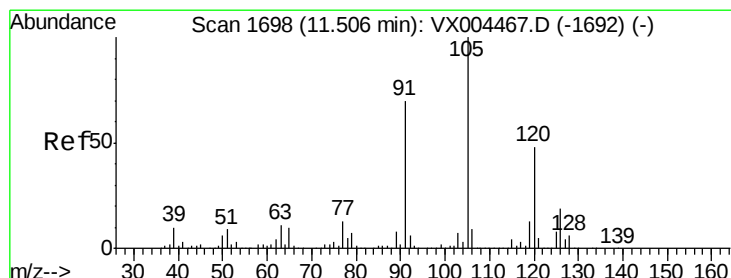
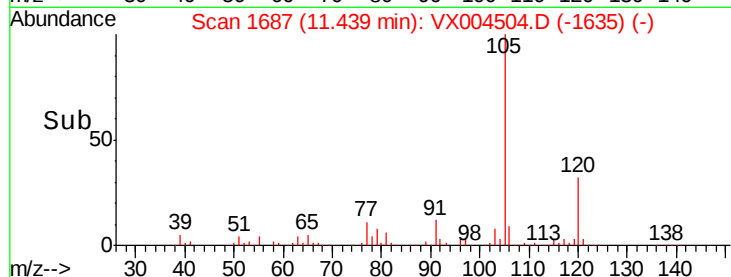
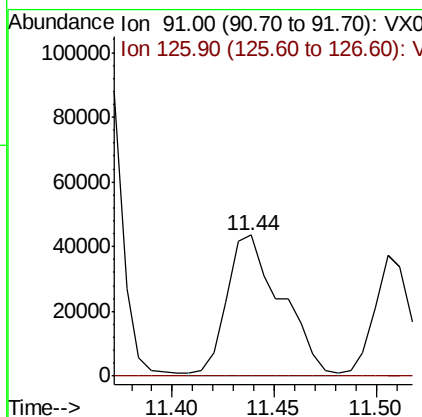
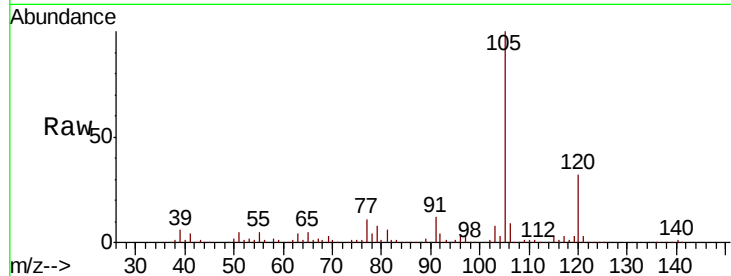




#79
 2-Chlorotoluene
 Concen: 8.80 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.02 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

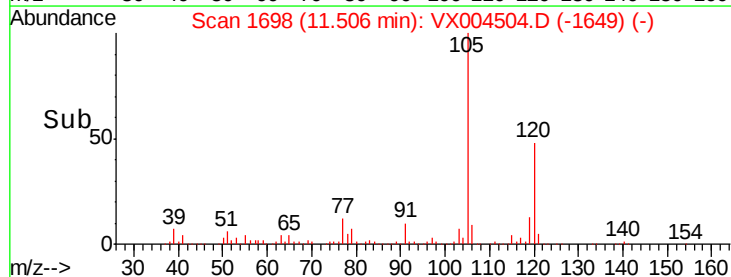
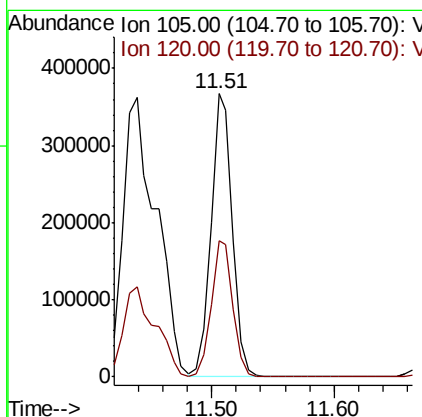
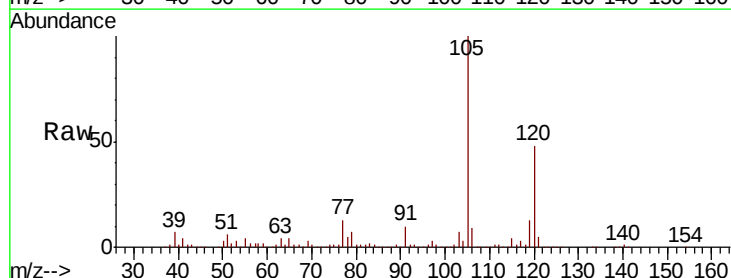
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

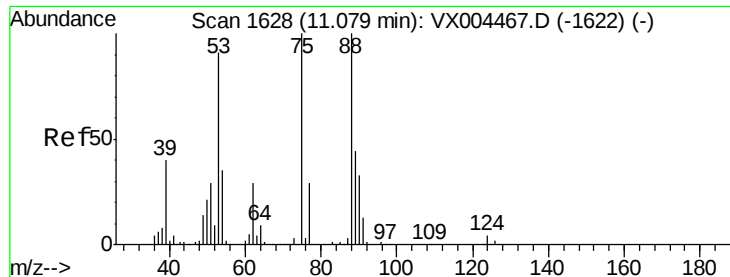
Tot Ion: 91 Resp: 80071
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 40.60 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion:105 Resp: 445558
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8

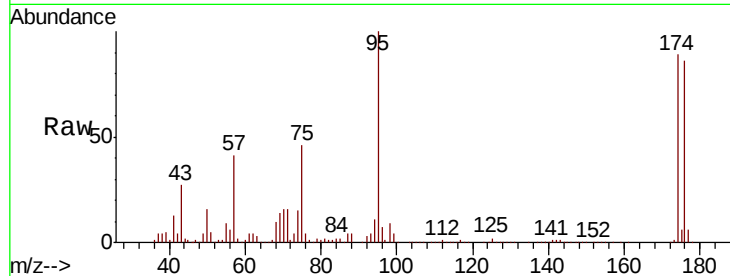




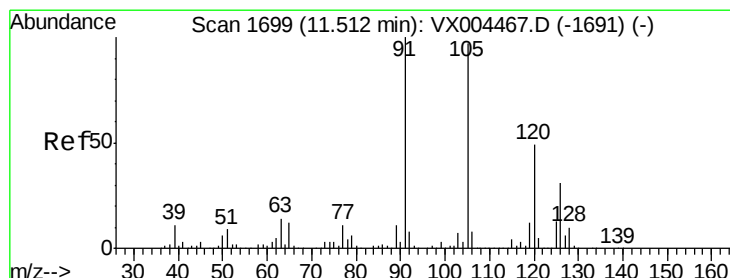
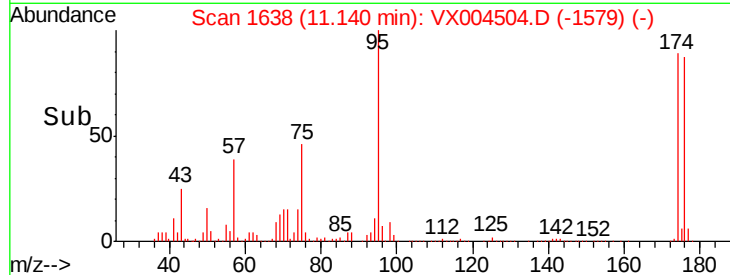
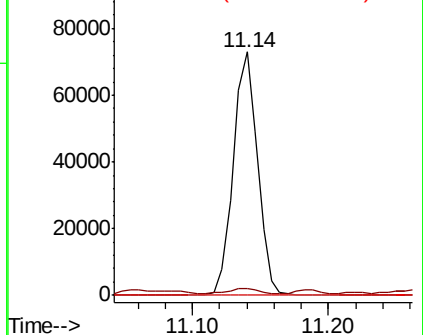
#81
trans-1,4-Dichloro-2-butene
Concen: 72.35 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

Tot Ion: 75 Resp: 90527
Ion Ratio Lower Upper
75 100
53 3.0 80.1 120.1#
89 0.0 37.2 55.8#

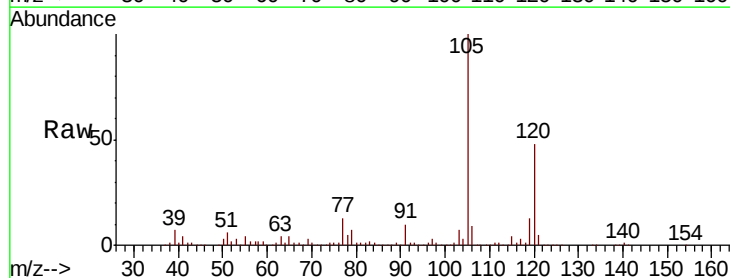


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

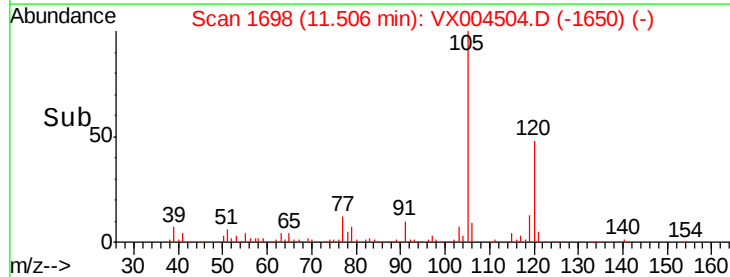
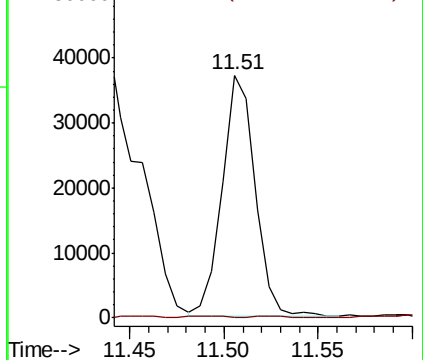


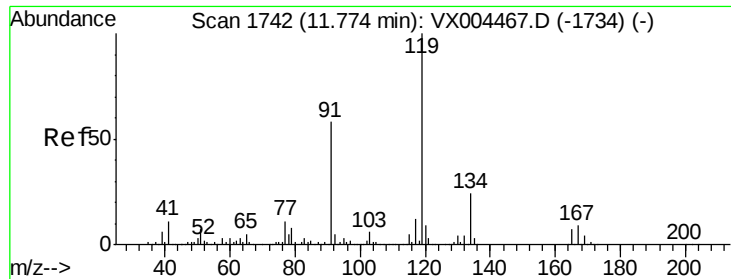
#82
4-Chlorotoluene
Concen: 4.23 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 91 Resp: 44976
Ion Ratio Lower Upper
91 100
126 0.7 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.82 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

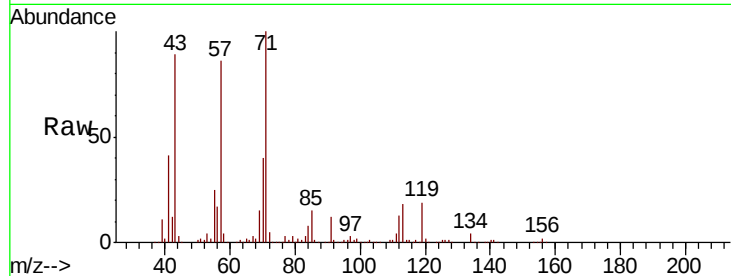
Tot Ion:119 Resp: 19055

Ion Ratio Lower Upper

119 100

91 66.4 27.0 81.0

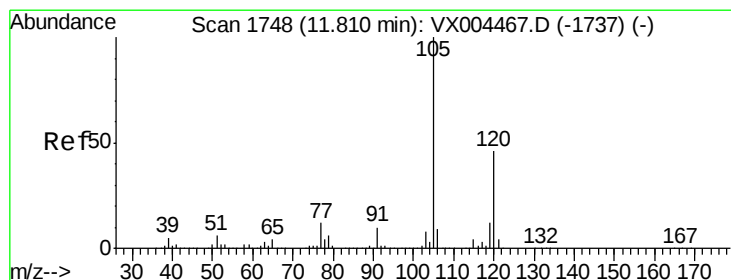
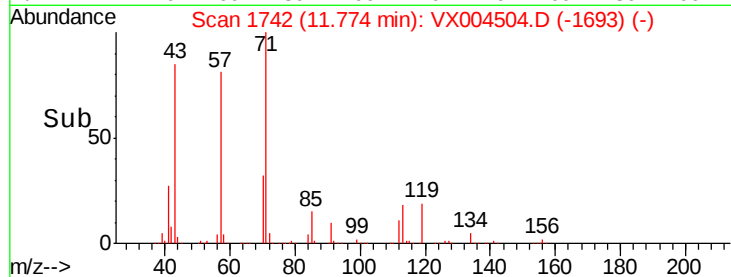
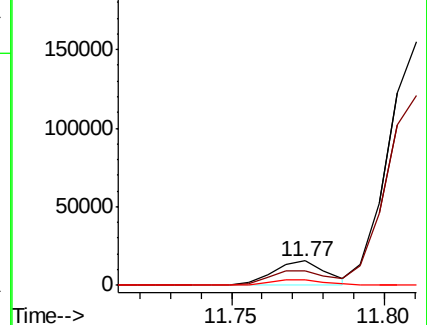
134 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 129.34 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004504.D

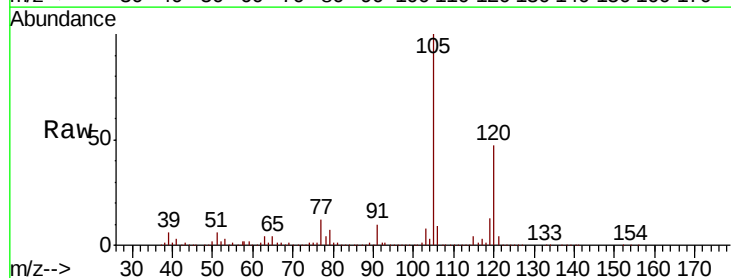
Acq: 12 Sep 2018 19:30

Tgt Ion:105 Resp: 1449238

Ion Ratio Lower Upper

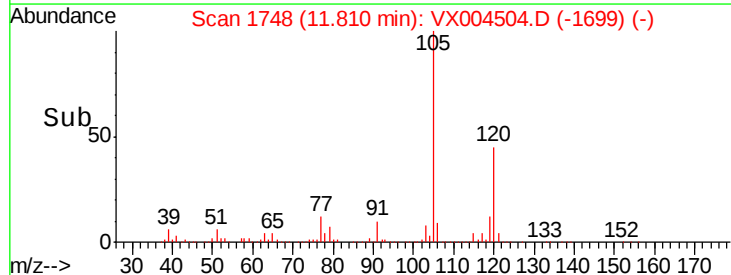
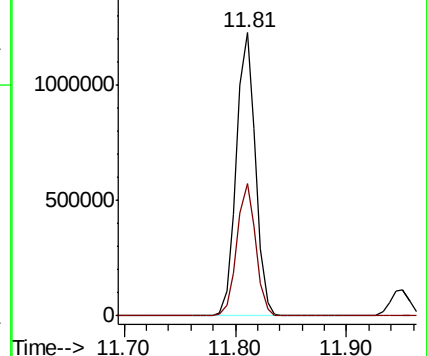
105 100

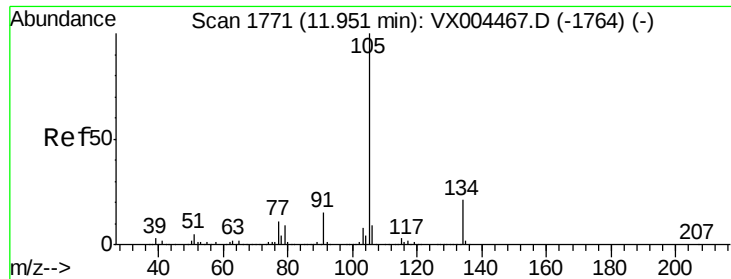
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

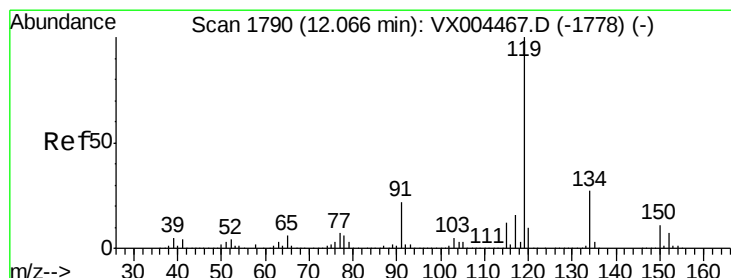
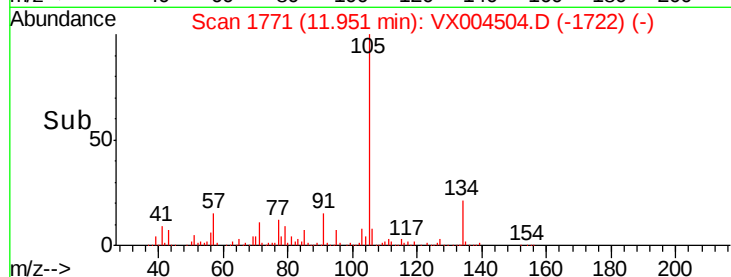
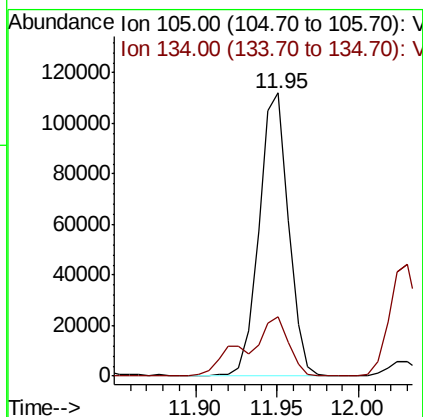
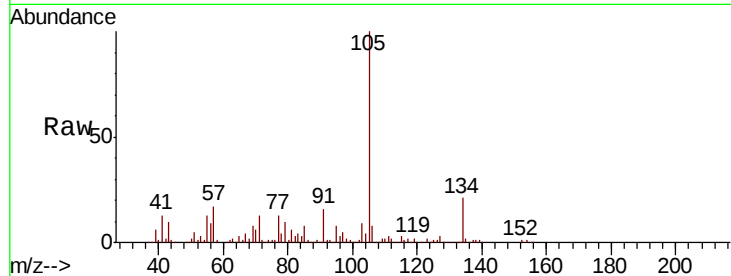




#85
 sec-Butylbenzene
 Concen: 10.47 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

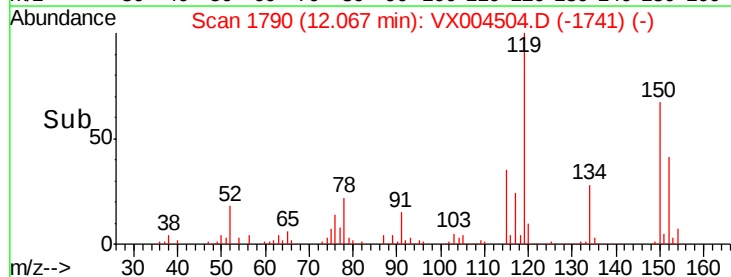
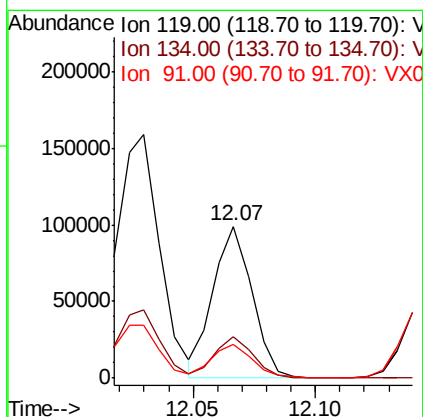
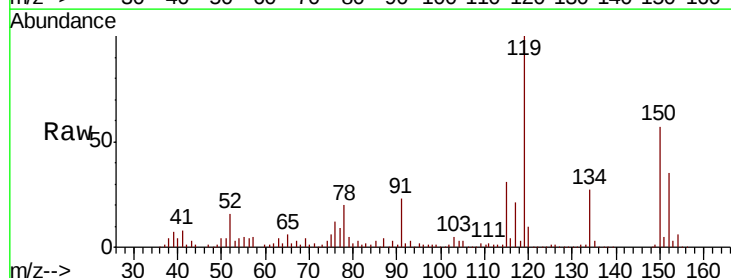
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-4USTS-SBDL

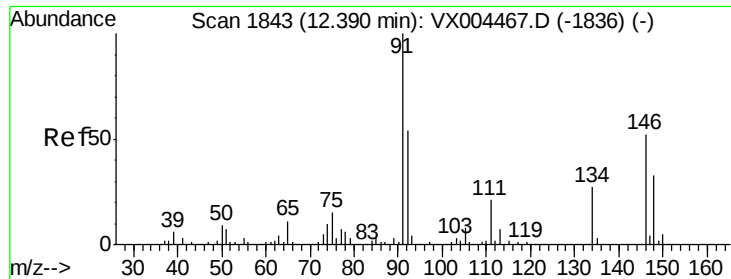
Tot Ion:105 Resp: 139397
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 9.37 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004504.D
 Acq: 12 Sep 2018 19:30

Tgt Ion:119 Resp: 110124
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.6 10.9 32.7

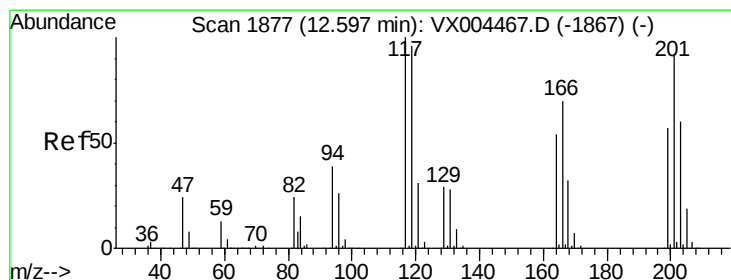
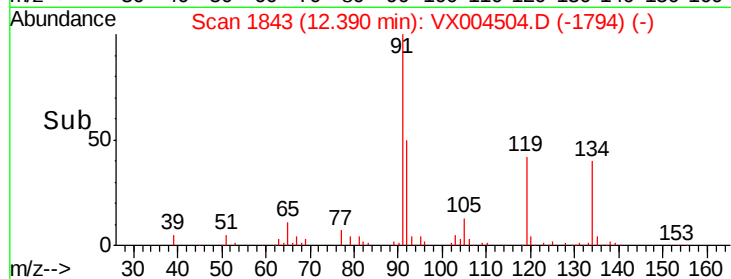
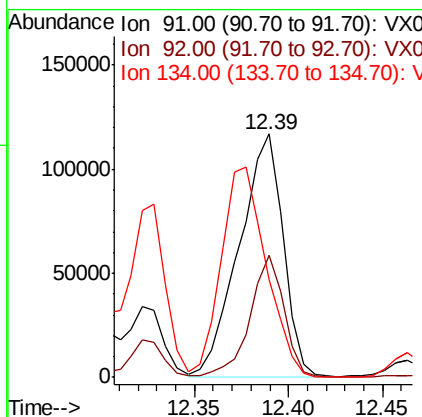
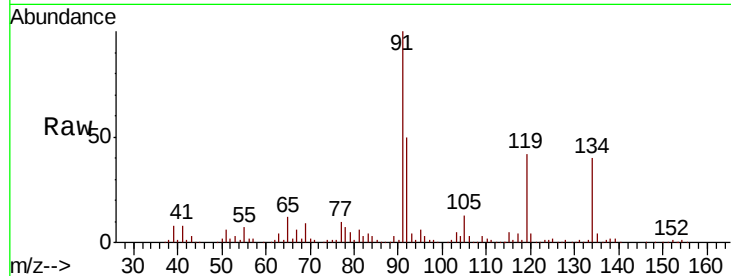




#89
n-Butylbenzene
Concen: 17.57 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

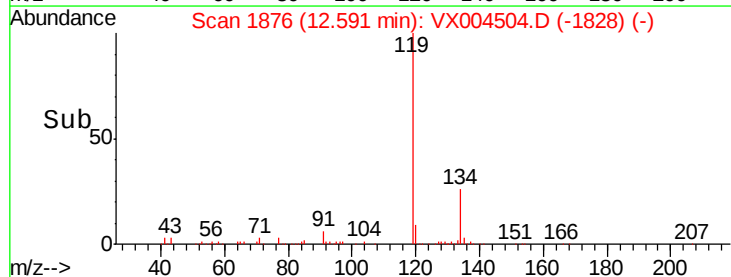
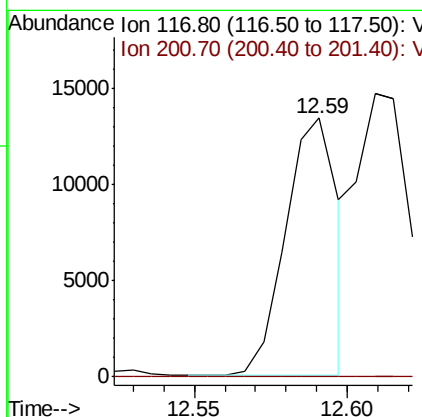
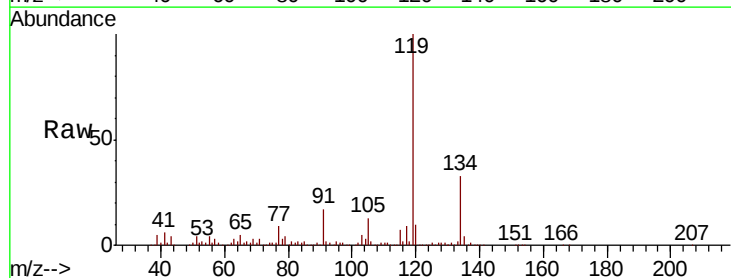
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-4USTS-SBDL

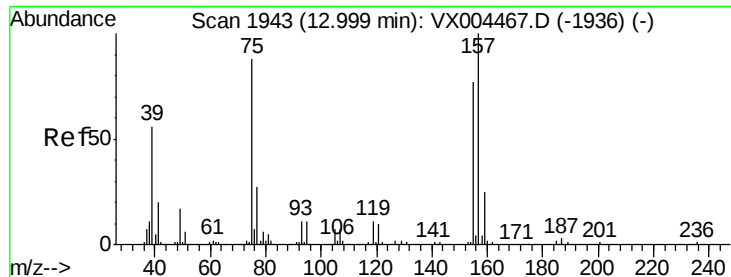
Tot Ion: 91 Resp: 188257
Ion Ratio Lower Upper
91 100
92 39.1 27.3 81.9
134 88.6 13.6 40.7#



#90
Hexachloroethane
Concen: 8.41 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX004504.D
Acq: 12 Sep 2018 19:30

Tgt Ion: 117 Resp: 15822
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.14 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-4USTS-SBDL

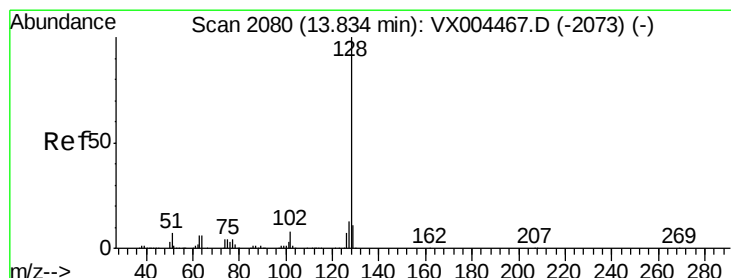
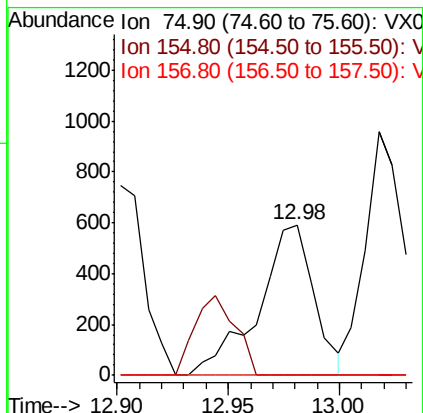
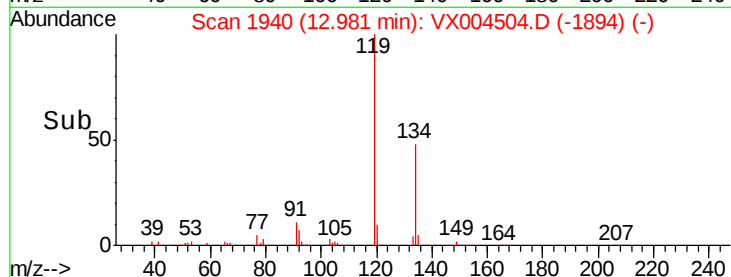
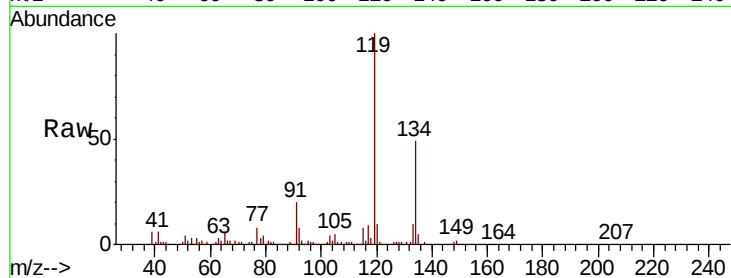
Tot Ion: 75 Resp: 1025

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



#95

Naphthalene

Concen: 6.07 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004504.D

Acq: 12 Sep 2018 19:30

Tgt Ion: 128 Resp: 82081

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 12.1 8.6 12.8

