

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004406.D
 Acq On : 07 Sep 2018 14:45
 Operator : JC/MD
 Sample : J4724-15MEDL 20X
 Misc : 3.78g/5mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 08 03:21:44 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	327162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	500195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	311483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	220638	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	195910	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	740534	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	305448	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	896	0.50	ug/l	97
5) Bromomethane	1.64	94	1591	Below Cal		87
6) Chloroethane	1.77	64	4444	2.25	ug/l #	44
10) Methyl Iodide	2.51	142	1676	4.63	ug/l	97
11) Tert butyl alcohol	3.02	59	2987	3.29	ug/l #	72
13) Acrolein	2.29	56	155	0.71	ug/l #	1
15) Acrylonitrile	3.14	53	769	0.34	ug/l #	75
16) Acetone	2.45	43	1345	Below Cal		98
17) Carbon Disulfide	2.56	76	2450	1.05	ug/l #	83
20) Methylene Chloride	2.85	84	1756	0.43	ug/l	95
25) 2-Butanone	4.69	43	252	Below Cal	#	47
29) Tetrahydrofuran	5.16	42	816	0.45	ug/l #	84
31) Cyclohexane	5.65	56	5711	0.96	ug/l #	1
38) Carbon Tetrachloride	5.66	117	28348	5.14	ug/l #	15
55) 1,1,2-Trichloroethane	9.16	97	1121	0.25	ug/l #	16
59) 2-Hexanone	9.45	43	11191	2.28	ug/l #	27
67) Ethyl Benzene	10.25	91	6132	0.30	ug/l #	87
68) m/p-Xylenes	10.36	106	5440	0.68	ug/l	79
73) Isopropylbenzene	11.02	105	39571	1.93	ug/l	100
74) N-amyl acetate	10.91	43	86353	10.96	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	56786	7.93	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	142058	22.42	ug/l #	38
78) n-propylbenzene	11.36	91	124389	5.29	ug/l	97
79) 2-Chlorotoluene	11.44	91	25989	1.79	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	130937	7.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	142058	72.76	ug/l #	13
82) 4-Chlorotoluene	11.77	91	10449	0.61	ug/l	95
83) tert-Butylbenzene	11.77	119	14520	0.85	ug/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	684398	39.35	ug/l	97
85) sec-Butylbenzene	11.94	105	115106	5.69	ug/l #	73
86) p-Isopropyltoluene	12.07	119	99311	5.48	ug/l	100
89) n-Butylbenzene	12.39	91	157946	10.71	ug/l #	54
90) Hexachloroethane	12.59	117	12371	4.88	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1000	0.79	ug/l #	11

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Instrument :
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Quant Time: Sep 08 03:21:44 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

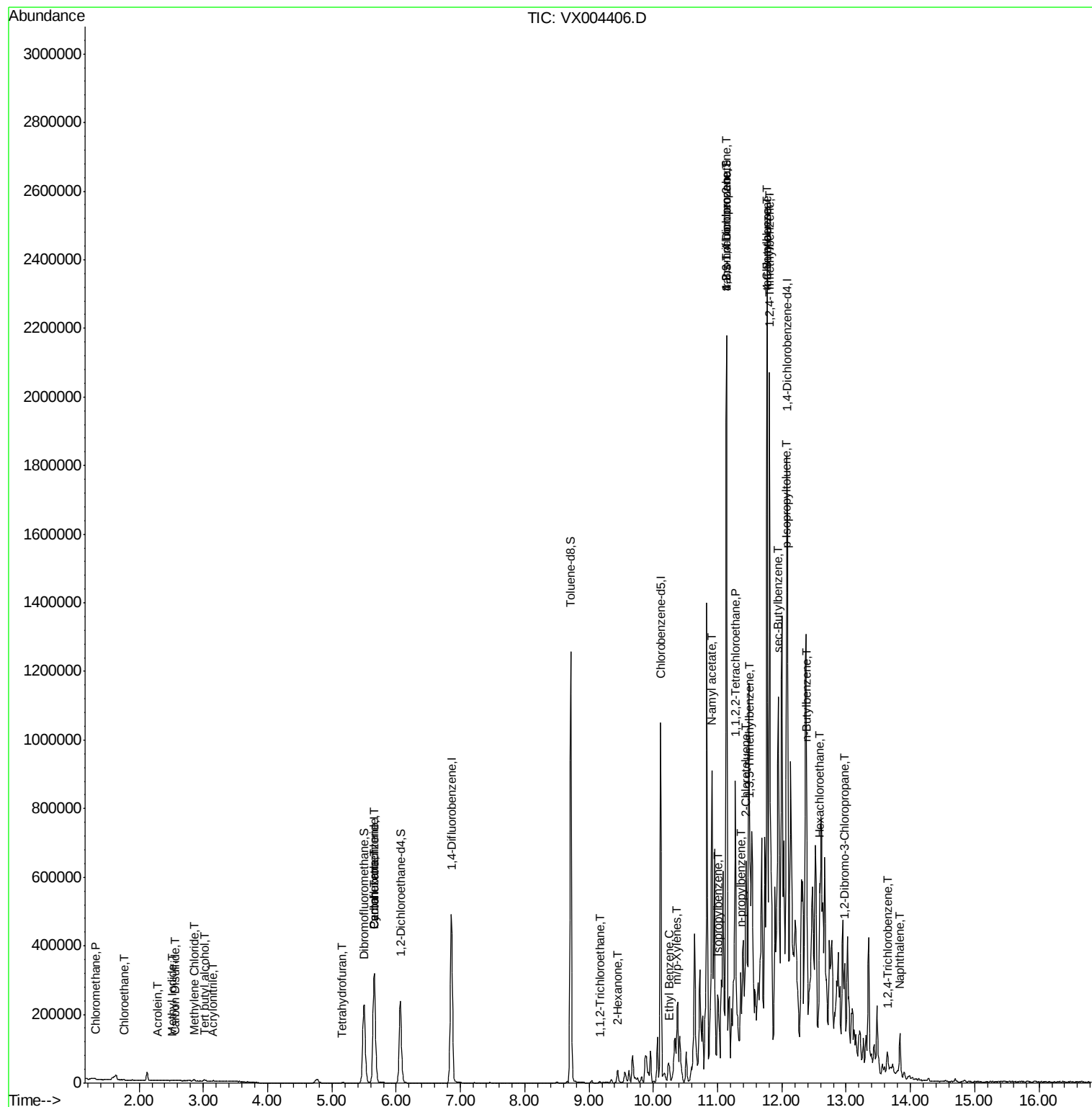
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1775	0.25	ug/l #	11
95) Naphthalene	13.83	128	82075	4.04	ug/l	98

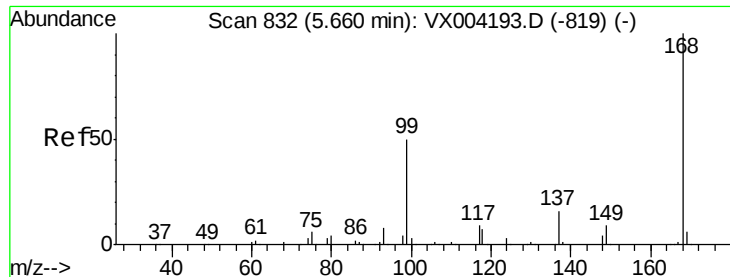
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 03:21:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

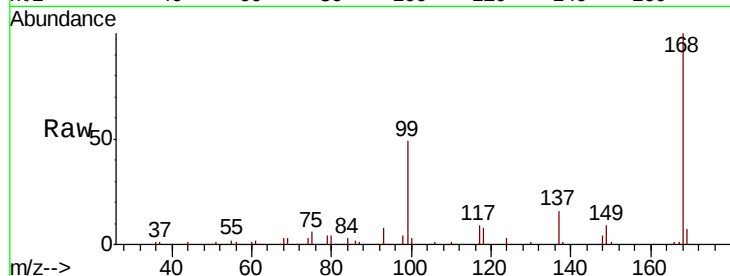
EP1-SUT-8USTS-EDL

Tot Ion:168 Resp: 327162

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

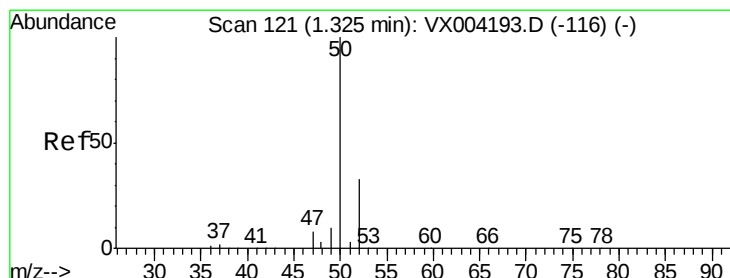
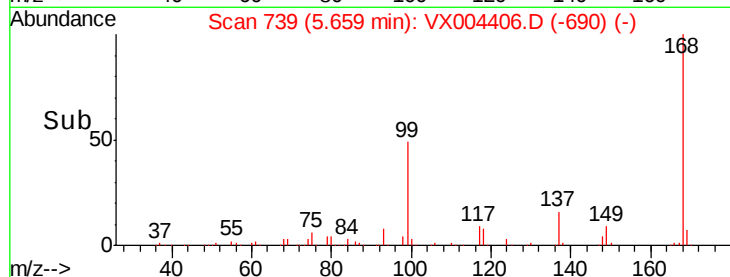
5.66

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.50 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004406.D

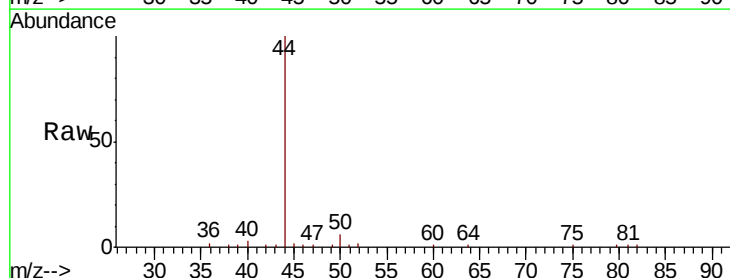
Acq: 07 Sep 2018 14:45

Tgt Ion: 50 Resp: 896

Ion Ratio Lower Upper

50 100

52 30.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

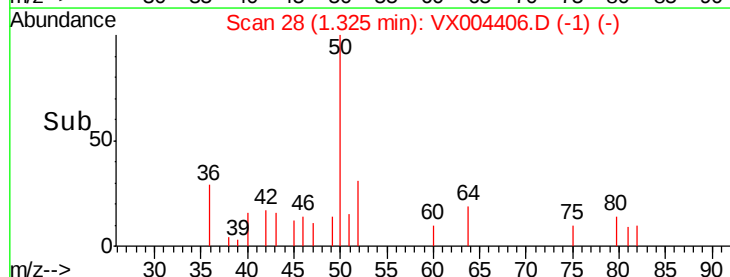
600

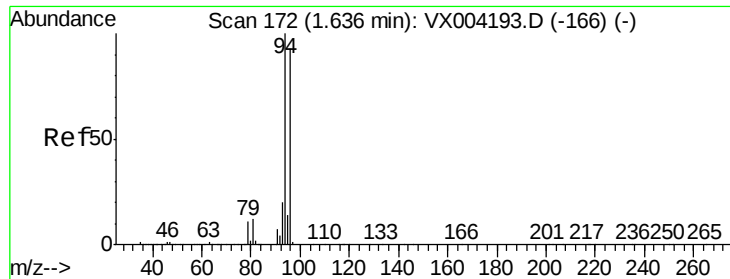
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

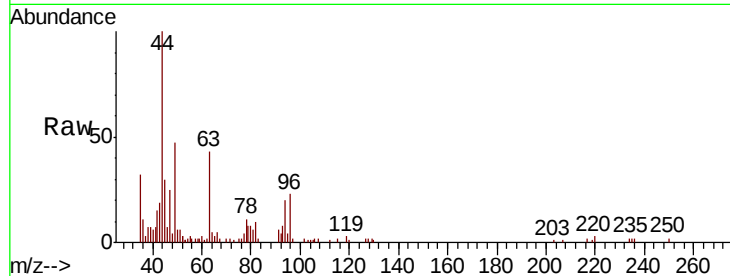
EP1-SUT-8USTS-EDL

Tot Ion: 94 Resp: 1591

Ion Ratio Lower Upper

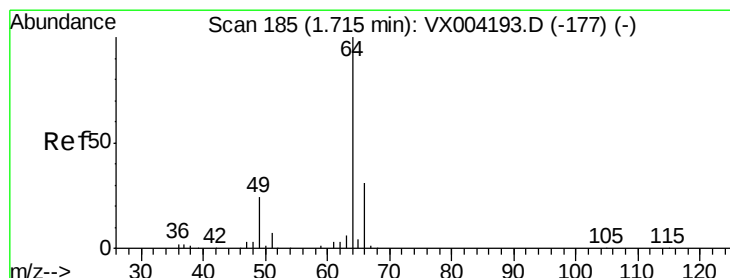
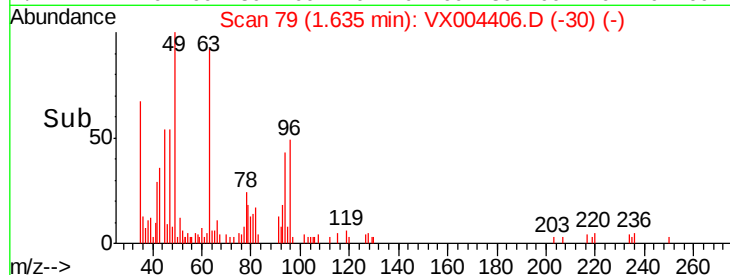
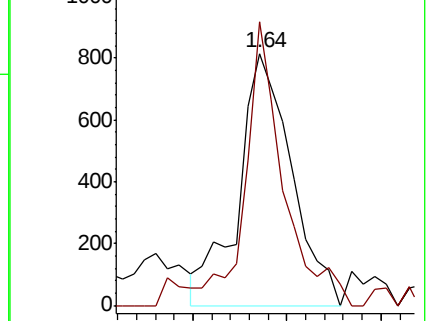
94 100

96 105.7 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: 2.25 ug/l

RT: 1.77 min Scan# 101

Delta R.T. 0.05 min

Lab File: VX004406.D

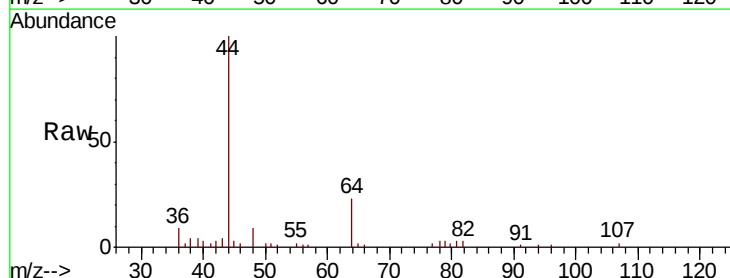
Acq: 07 Sep 2018 14:45

Tgt Ion: 64 Resp: 4444

Ion Ratio Lower Upper

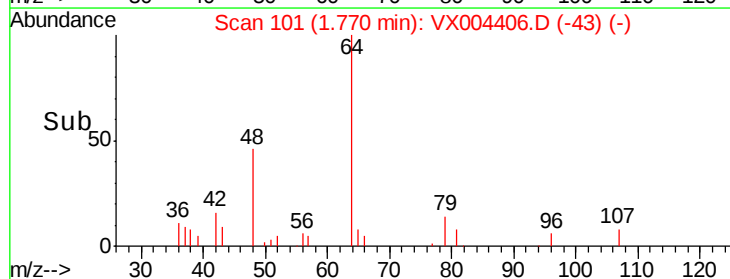
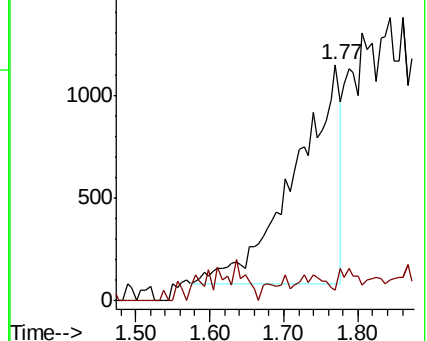
64 100

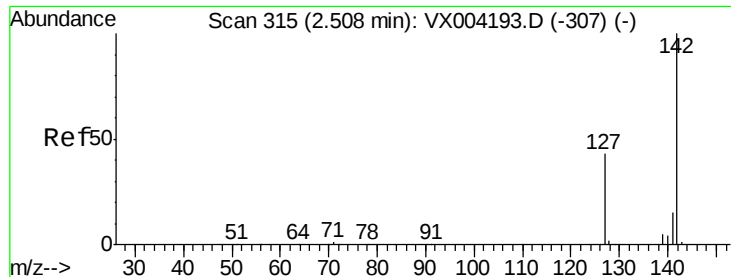
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

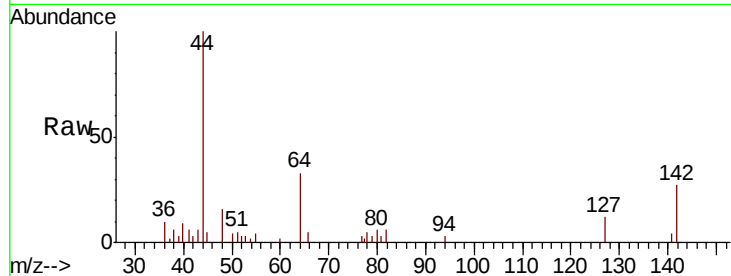




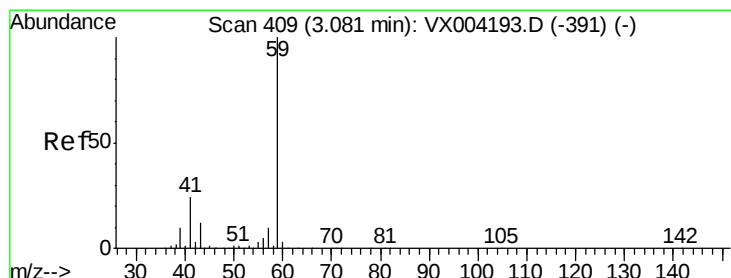
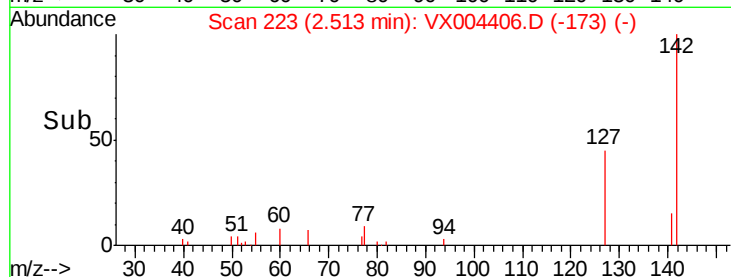
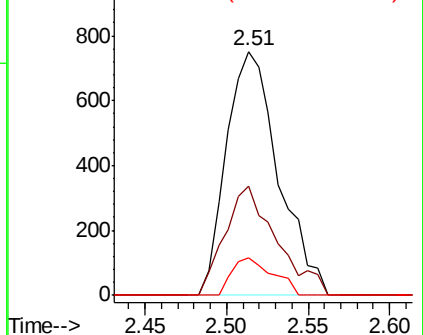
#10
Methvl Iodide
Concen: 4.63 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

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

Tot Ion:142 Resp: 1676
Ion Ratio Lower Upper
142 100
127 44.0 33.8 50.6
141 11.9 11.4 17.0

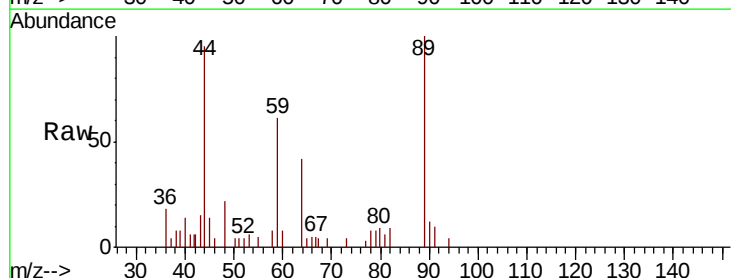


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

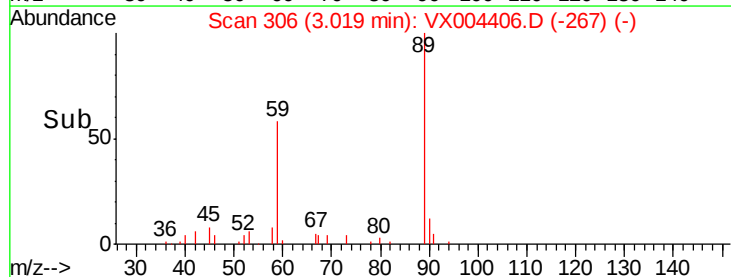
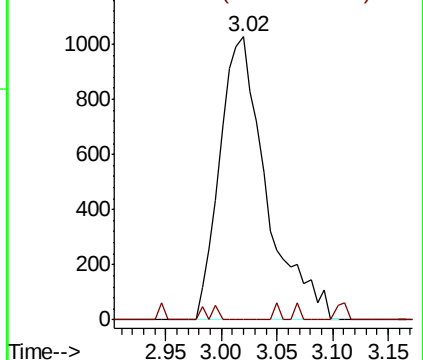


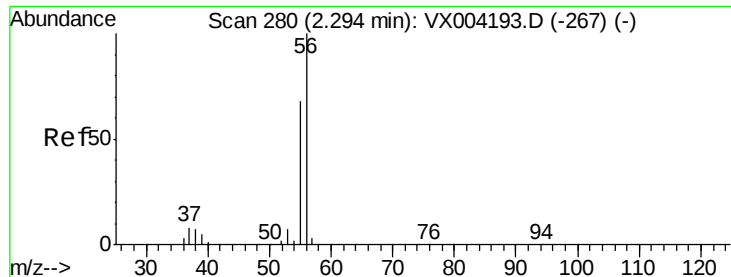
#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 59 Resp: 2987
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: 0.71 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

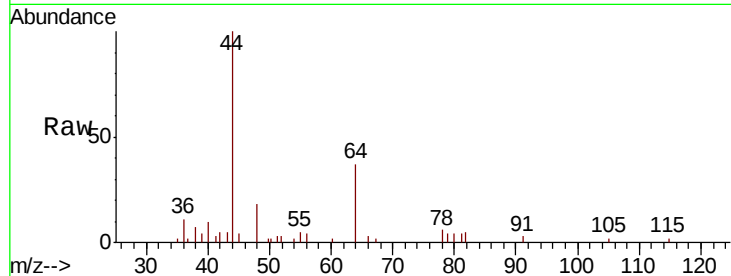
EP1-SUT-8USTS-EDL

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

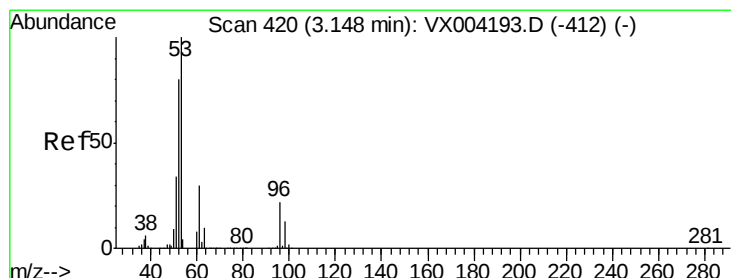
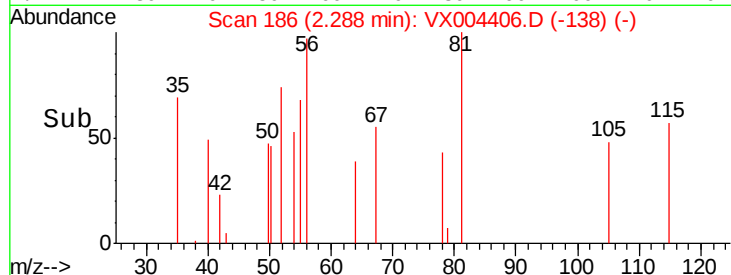
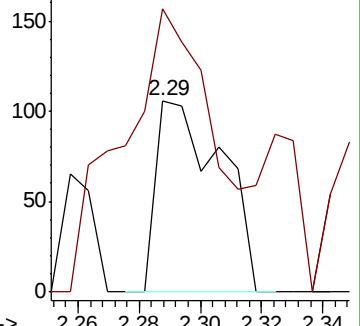
56 100

55 205.8 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

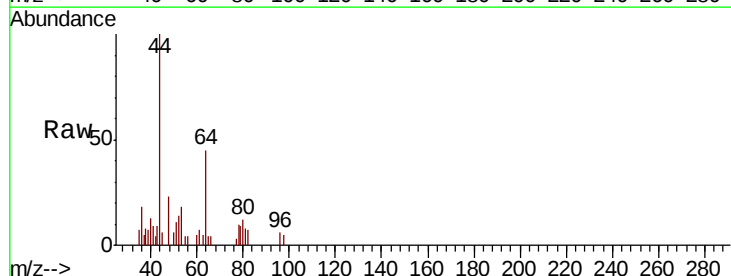
Tgt Ion: 53 Resp: 769

Ion Ratio Lower Upper

53 100

52 89.1 65.2 97.8

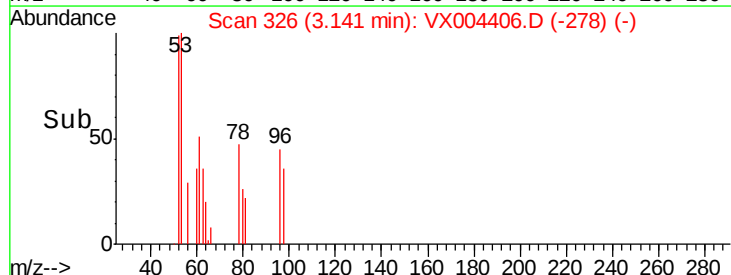
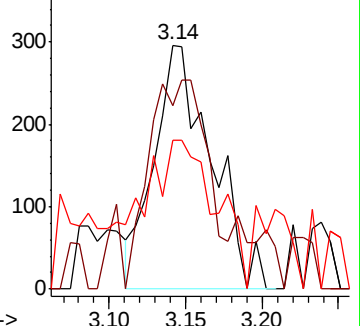
51 72.4 28.2 42.2#

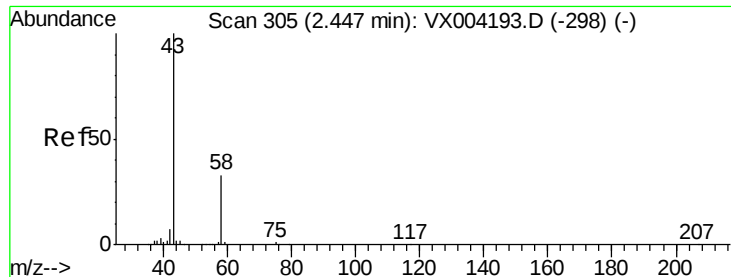


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

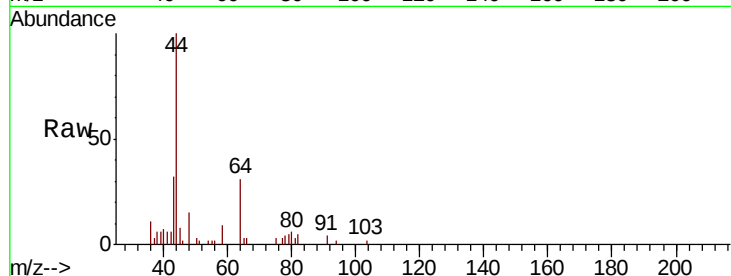
EP1-SUT-8USTS-EDL

Tot Ion: 43 Resp: 1345

Ion Ratio Lower Upper

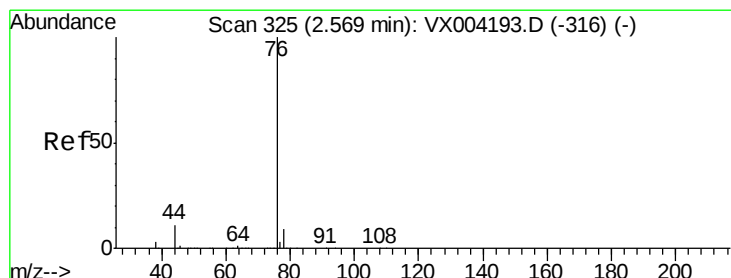
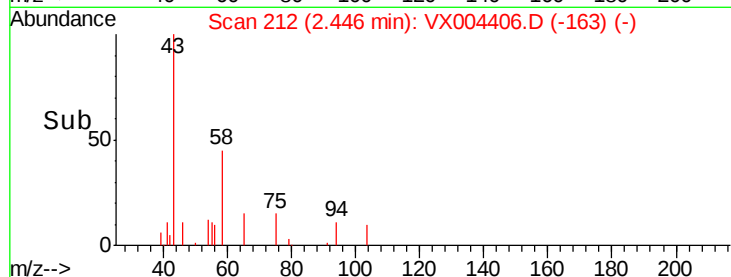
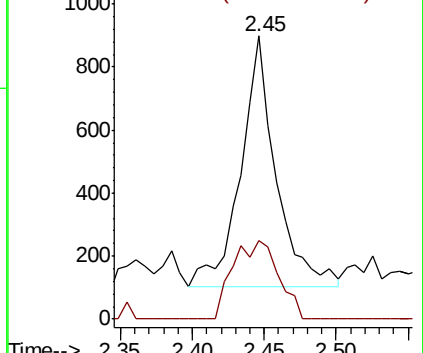
43 100

58 31.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.05 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004406.D

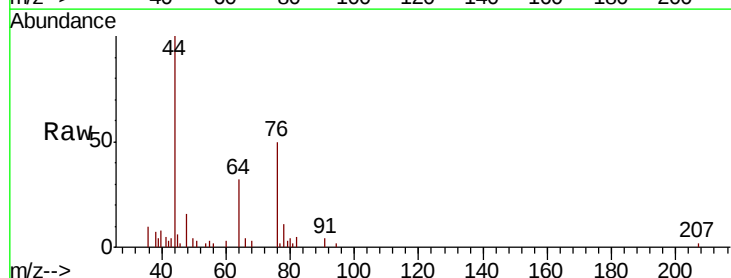
Acq: 07 Sep 2018 14:45

Tgt Ion: 76 Resp: 2450

Ion Ratio Lower Upper

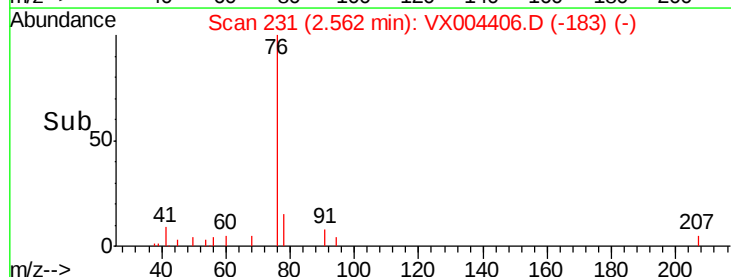
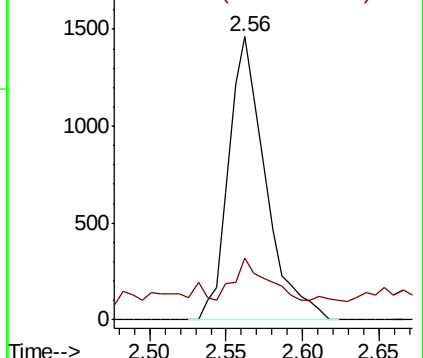
76 100

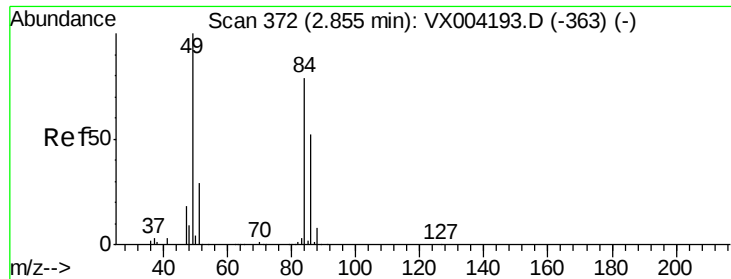
78 14.8 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

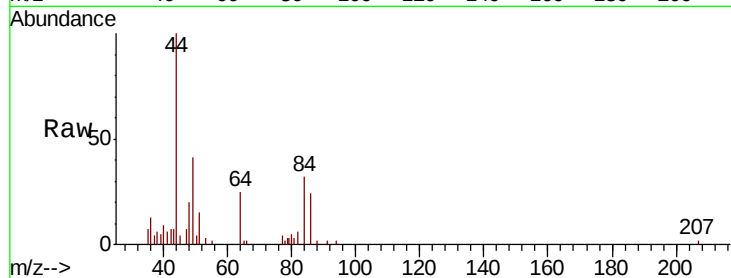




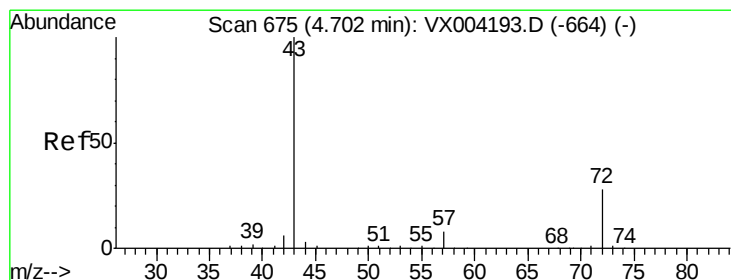
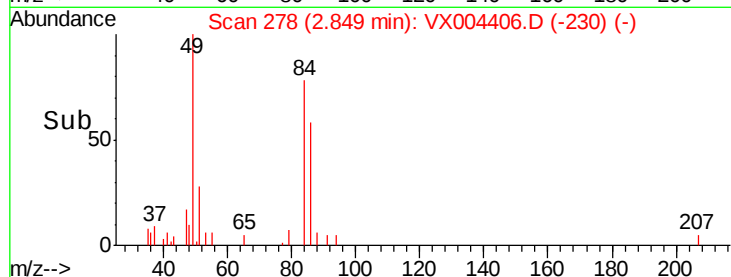
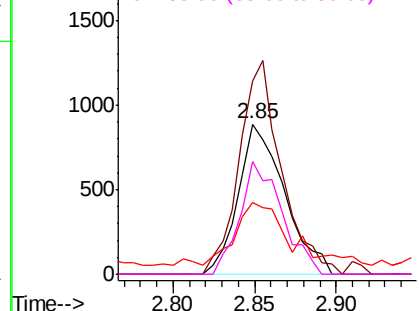
#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

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

Tot Ion: 84 Resp: 1756
Ion Ratio Lower Upper
84 100
49 128.6 101.2 151.8
51 39.1 29.5 44.3
86 74.8 52.3 78.5

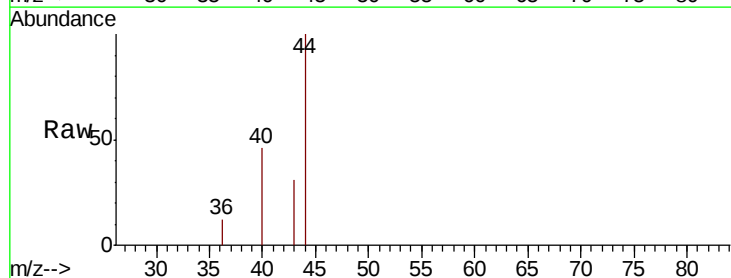


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

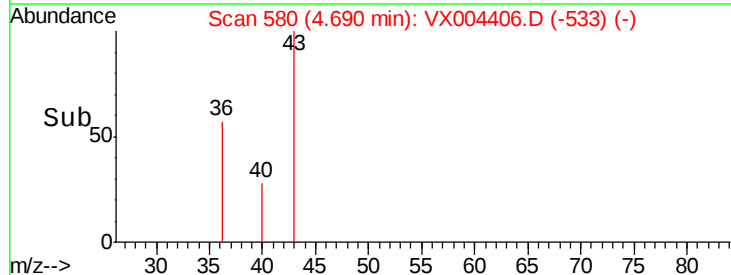
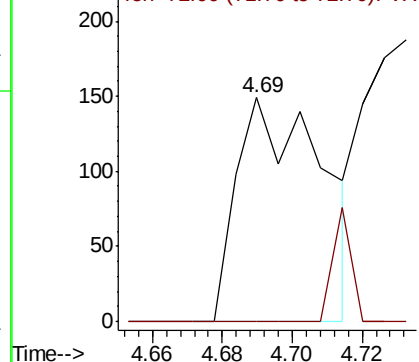


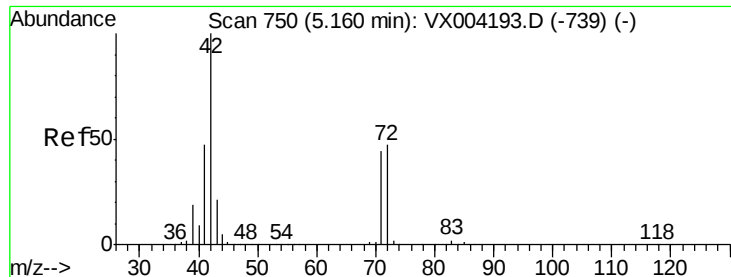
#25
2-Butanone
Concen: Below Cal
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-EDL

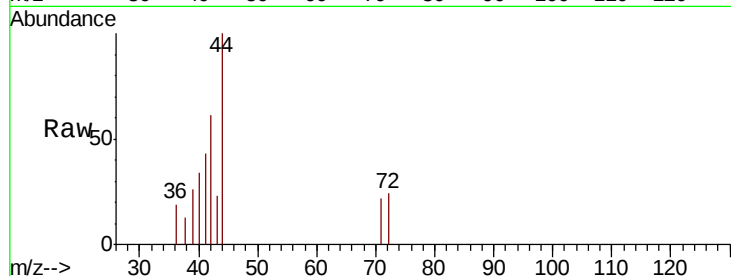
Tot Ion: 42 Resp: 816

Ion Ratio Lower Upper

42 100

72 40.6 37.4 56.0

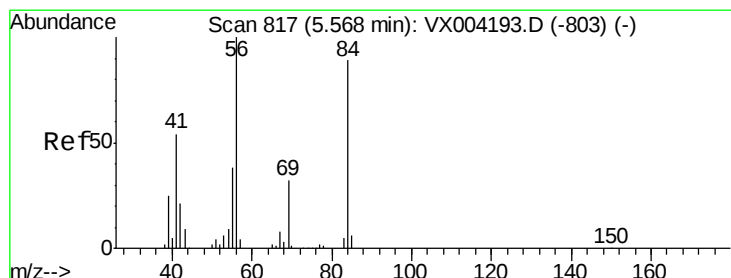
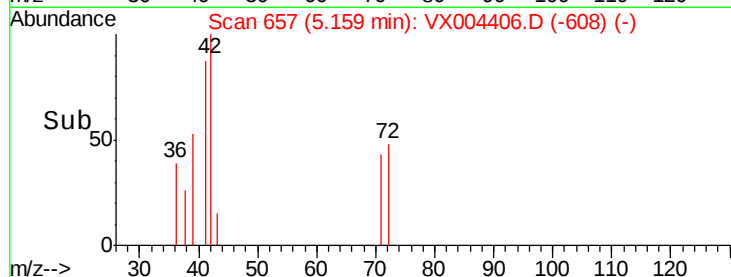
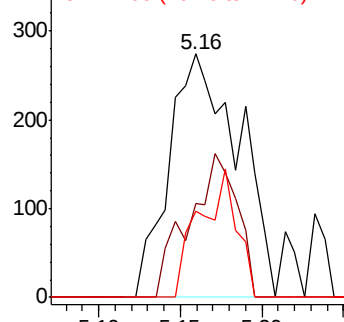
71 28.2 34.5 51.7#



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



#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

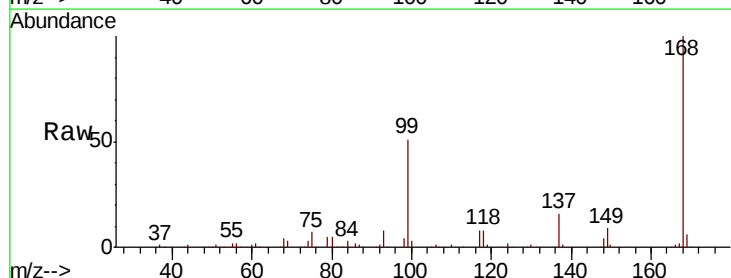
Tgt Ion: 56 Resp: 5711

Ion Ratio Lower Upper

56 100

69 189.6 25.4 38.2#

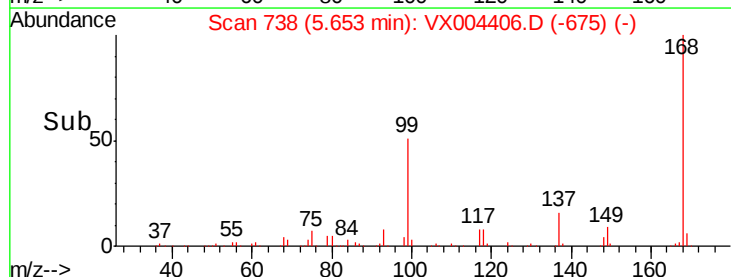
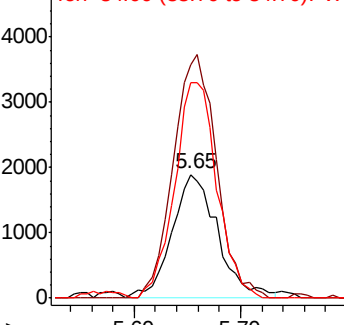
84 174.3 71.4 107.2#

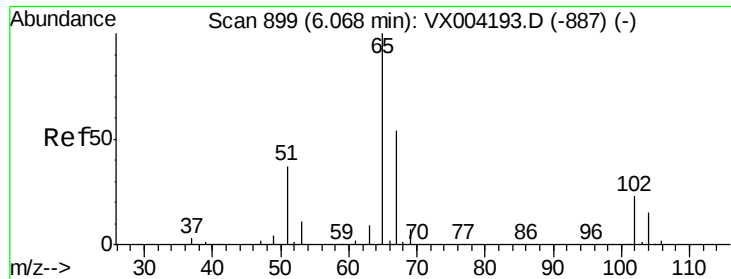


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

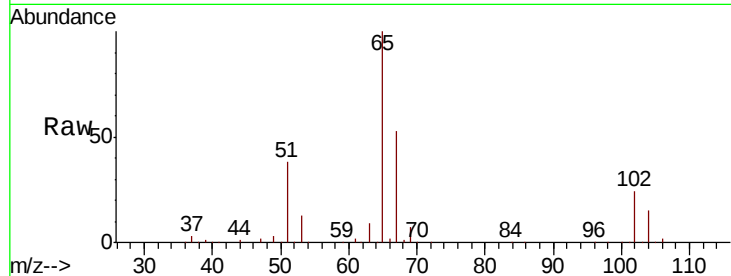
EP1-SUT-8USTS-EDL

Tot Ion: 65 Resp: 220638

Ion Ratio Lower Upper

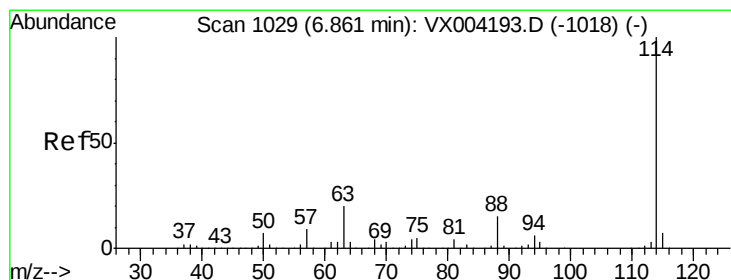
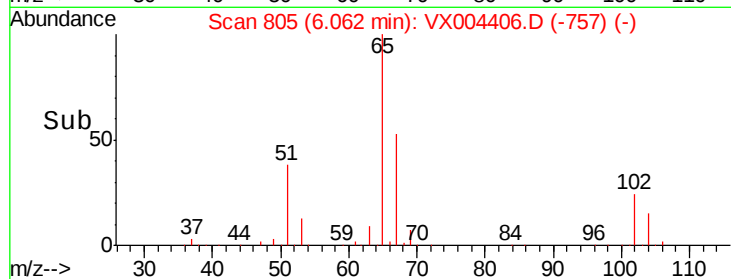
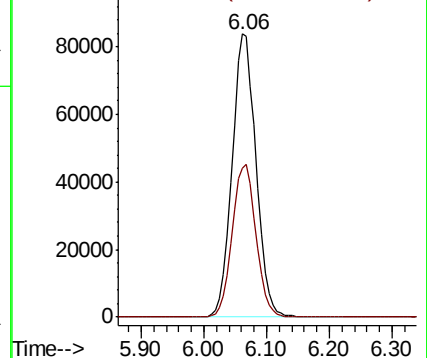
65 100

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: VX004406.D

Acq: 07 Sep 2018 14:45

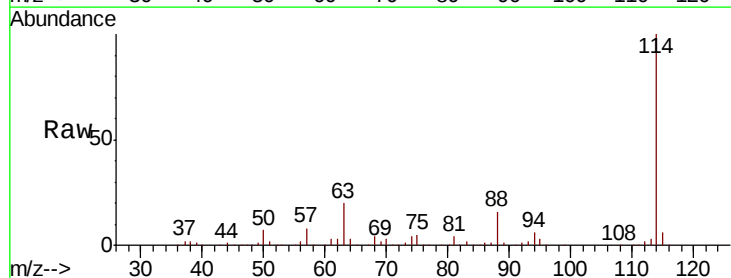
Tgt Ion: 114 Resp: 521489

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

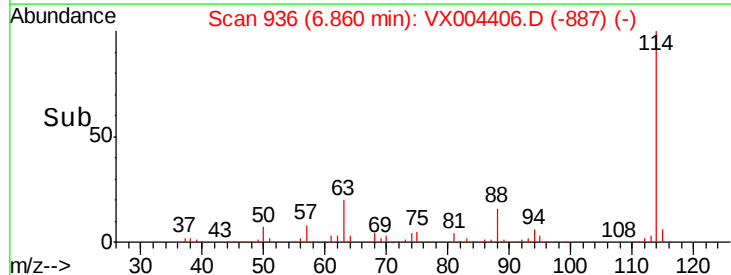
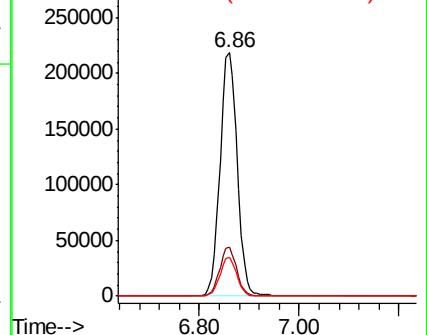
88 16.0 0.0 30.4

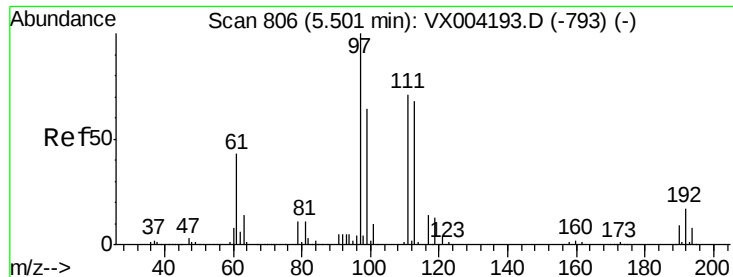


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.50 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-EDL

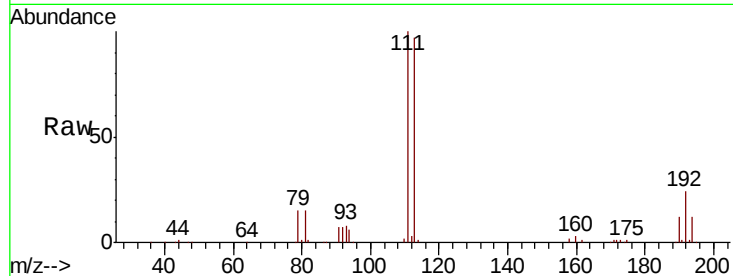
Tot Ion:113 Resp: 195910

Ion Ratio Lower Upper

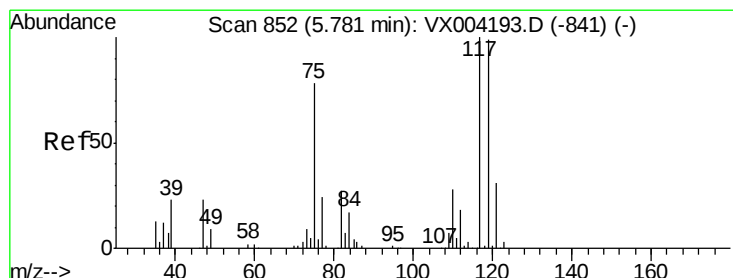
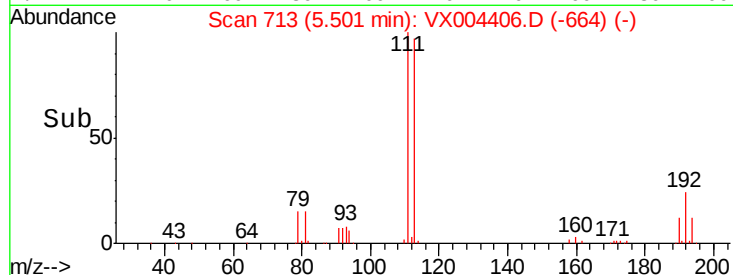
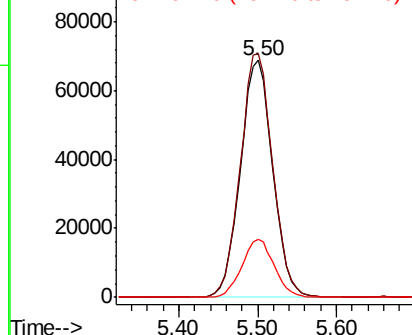
113 100

111 103.0 82.4 123.6

192 24.4 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



#38

Carbon Tetrachloride

Concen: 5.14 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

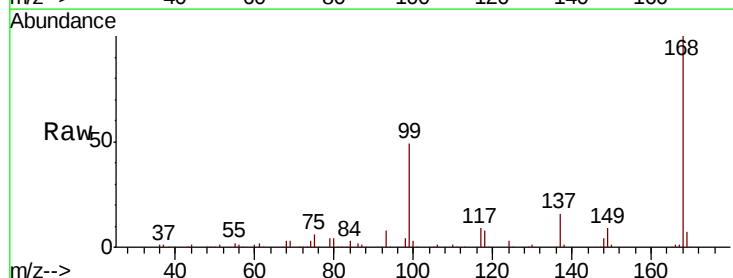
Tgt Ion:117 Resp: 28348

Ion Ratio Lower Upper

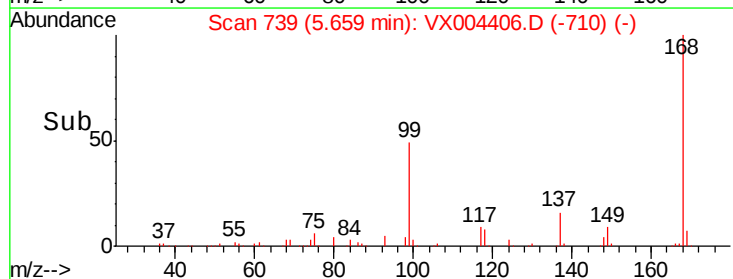
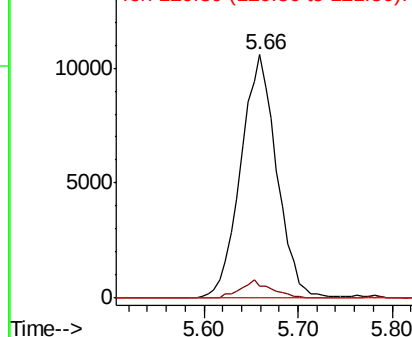
117 100

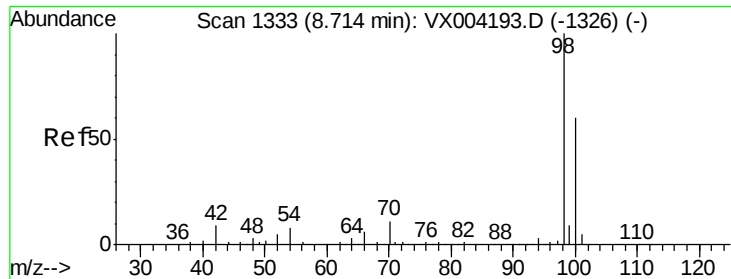
119 5.0 78.8 118.2#

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





#50

Toluene-d8

Concen: 50.57 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

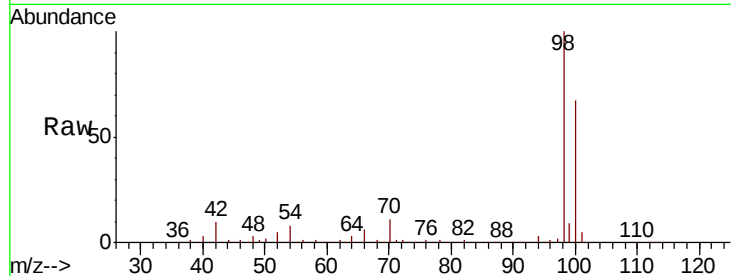
EP1-SUT-8USTS-EDL

Tot Ion: 98 Resp: 740534

Ion Ratio Lower Upper

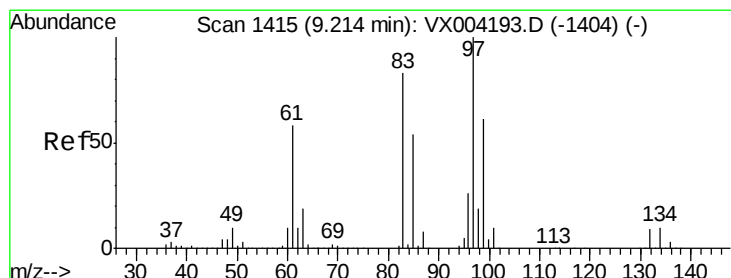
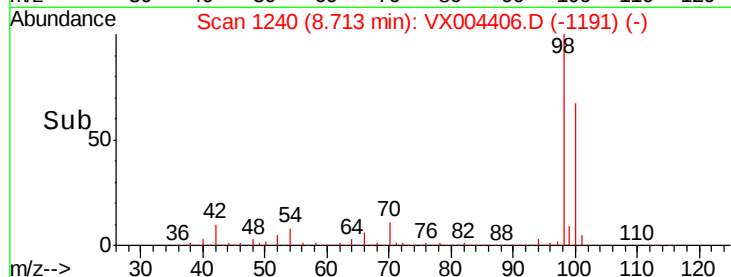
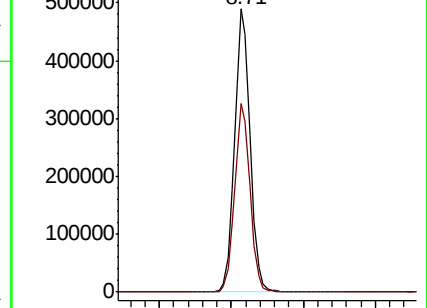
98 100

100 66.3 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: 0.25 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Tgt Ion: 97 Resp: 1121

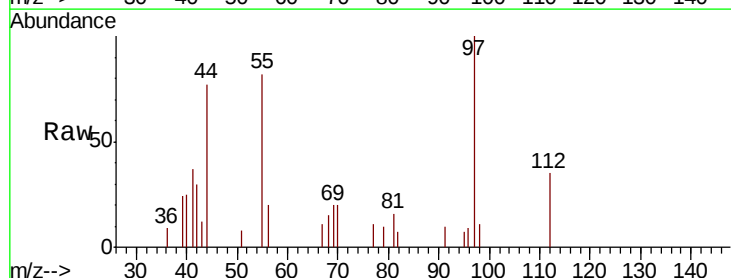
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

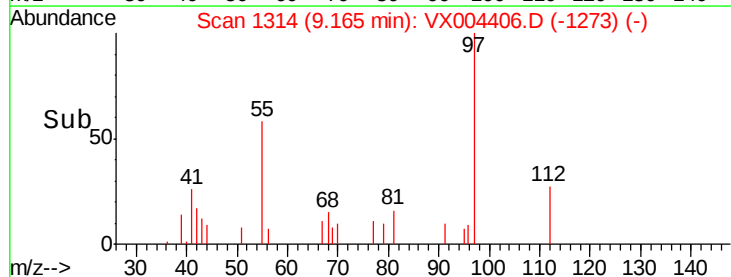
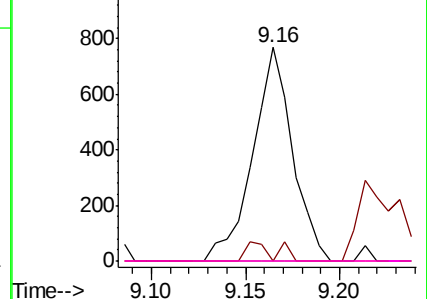


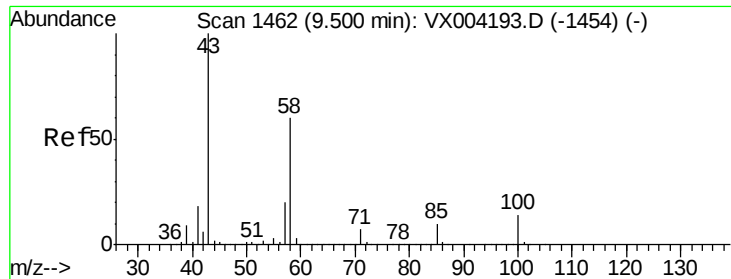
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

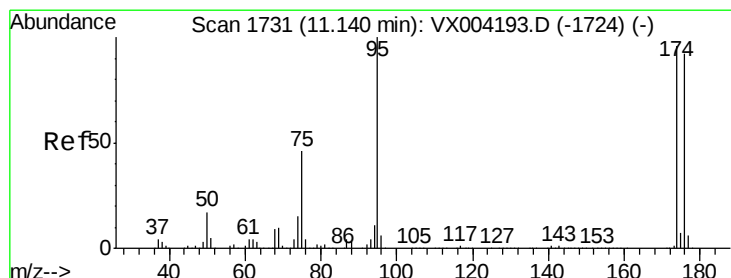
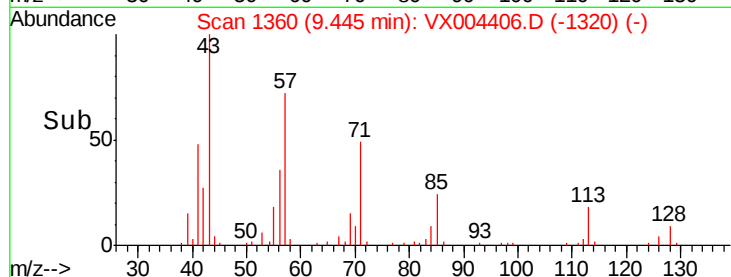
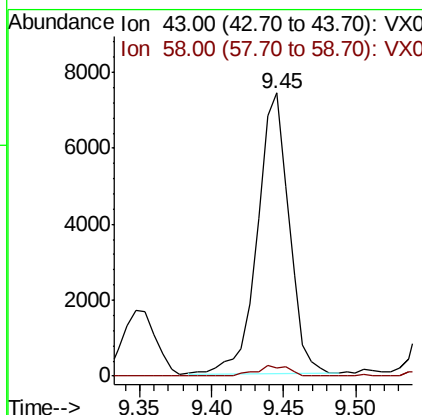
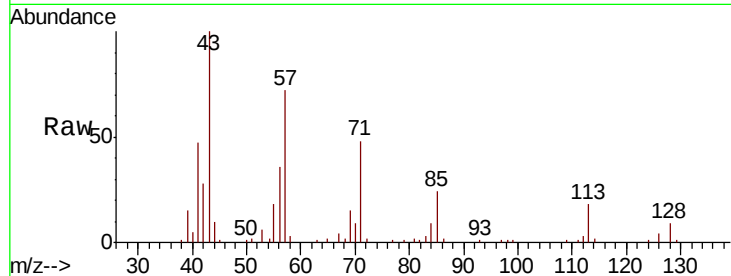




#59
2-Hexanone
Concen: 2.28 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.06 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

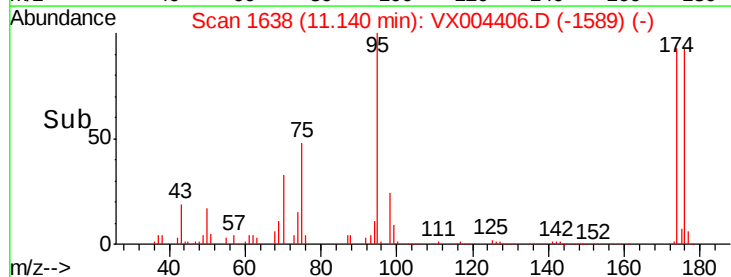
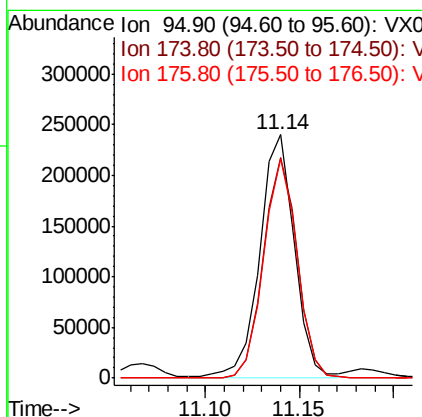
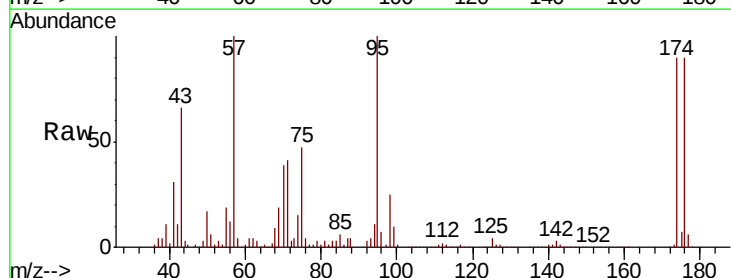
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-EDL

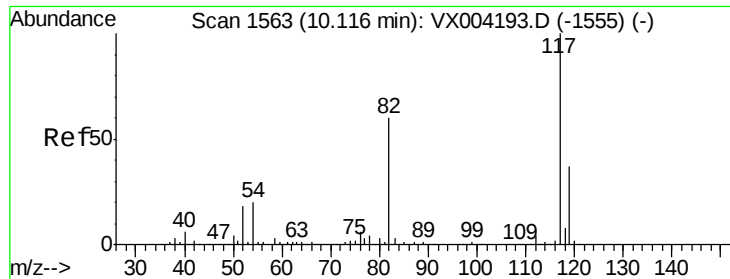
Tot Ion: 43 Resp: 11191
Ion Ratio Lower Upper
43 100
58 3.7 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 55.90 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 95 Resp: 305448
Ion Ratio Lower Upper
95 100
174 88.7 0.0 185.2
176 87.5 0.0 178.6

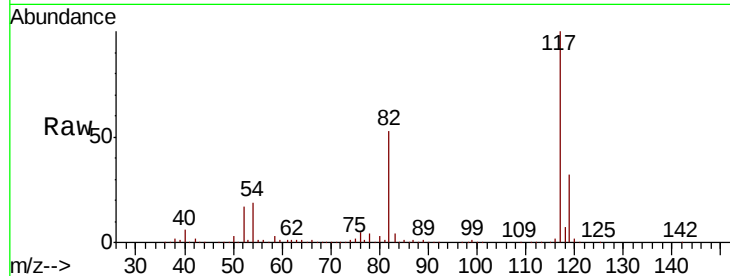




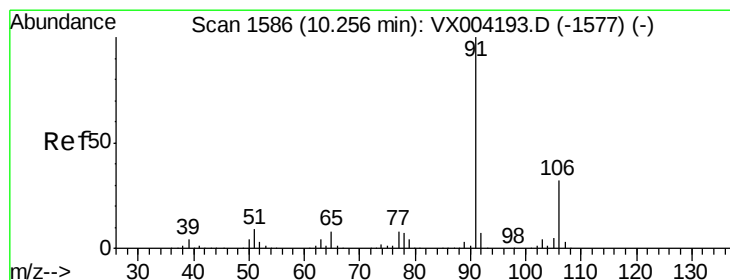
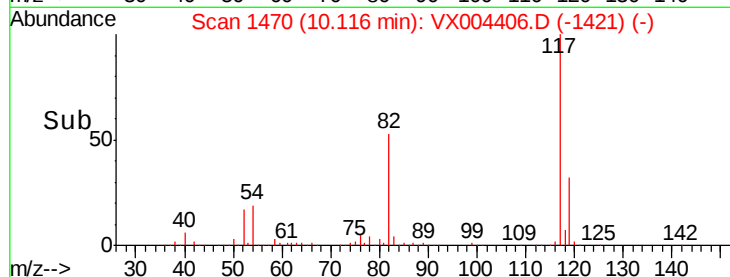
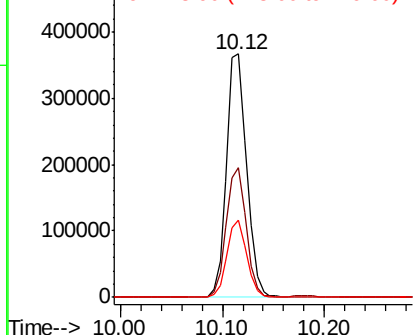
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

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

Tot Ion:117 Resp: 500195
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 31.9 29.3 43.9

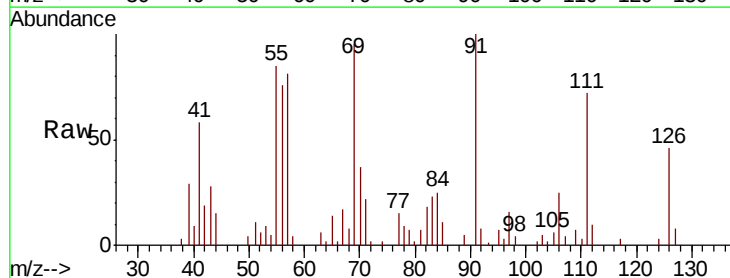


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

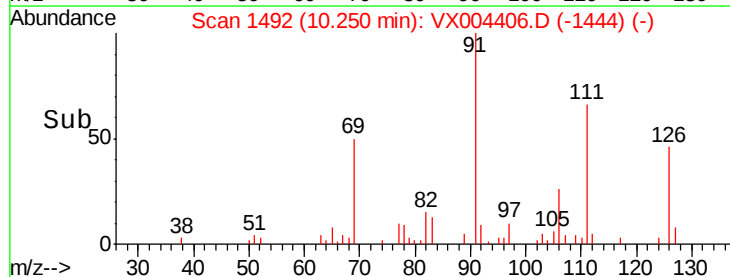
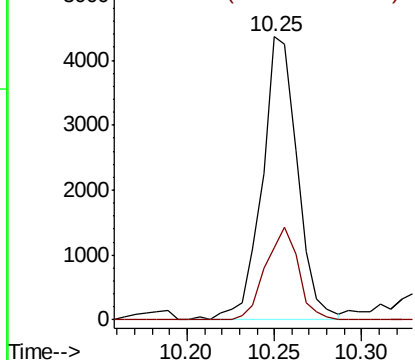


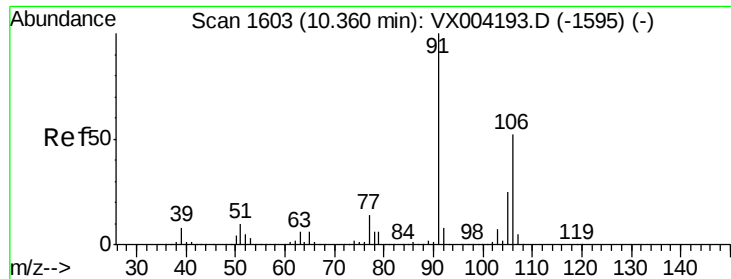
#67
Ethyl Benzene
Concen: 0.30 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 91 Resp: 6132
Ion Ratio Lower Upper
91 100
106 25.3 25.9 38.9#



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

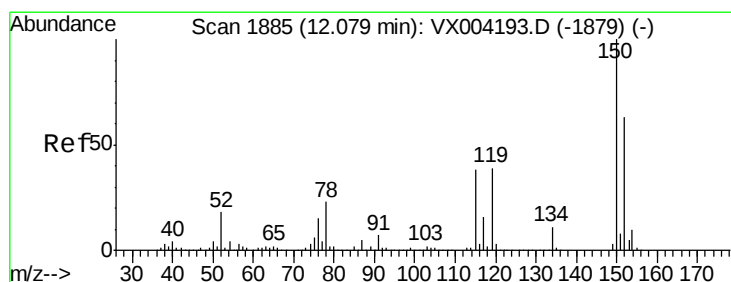
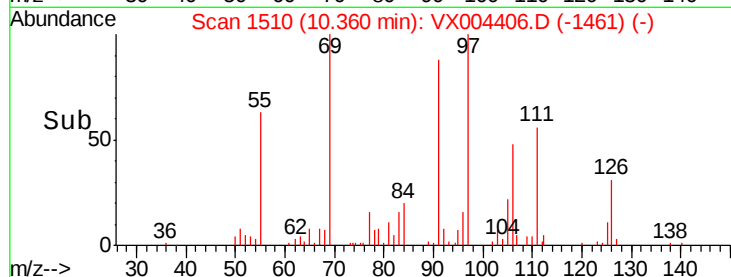
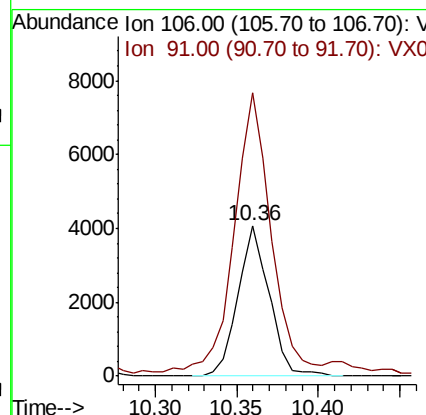
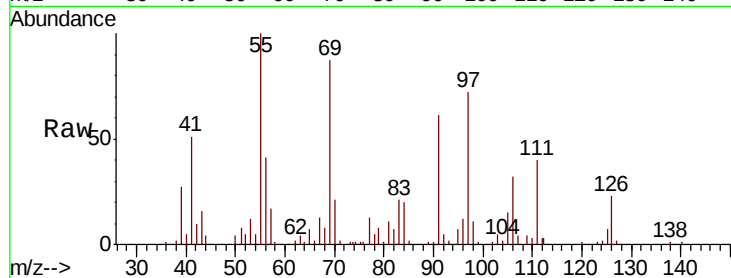




#68
m/p-Xvlenes
Concen: 0.68 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

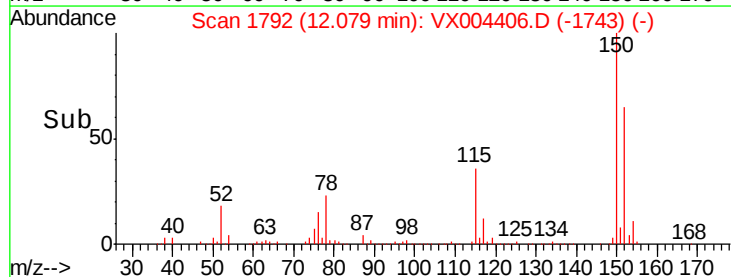
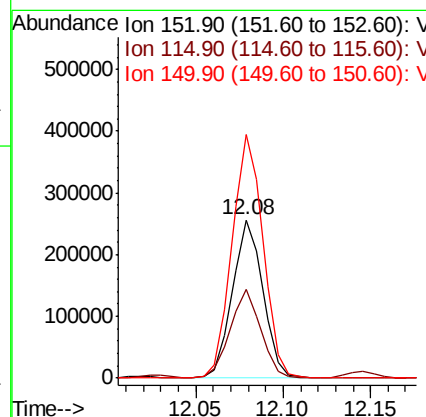
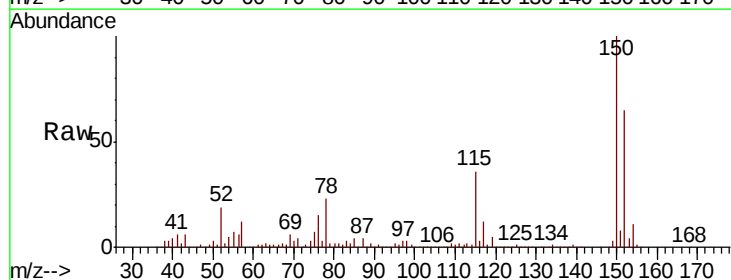
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-EDL

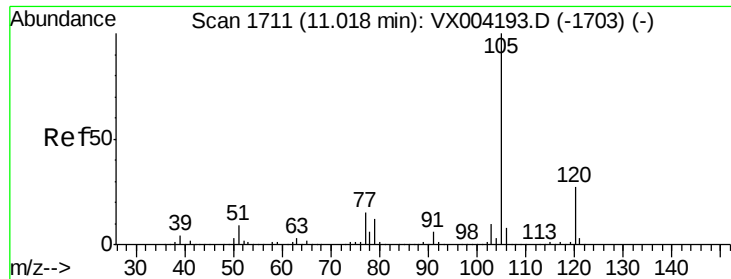
Tot Ion:106 Resp: 5440
Ion Ratio Lower Upper
106 100
91 227.5 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion:152 Resp: 311483
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 156.0 0.0 351.0

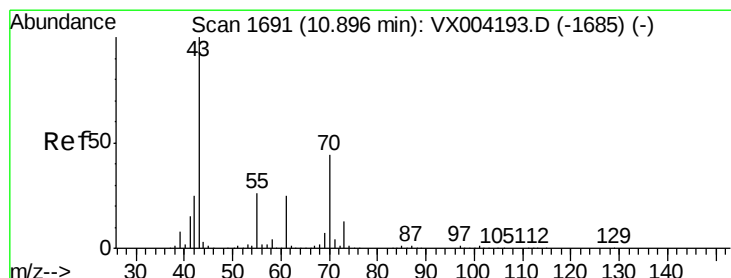
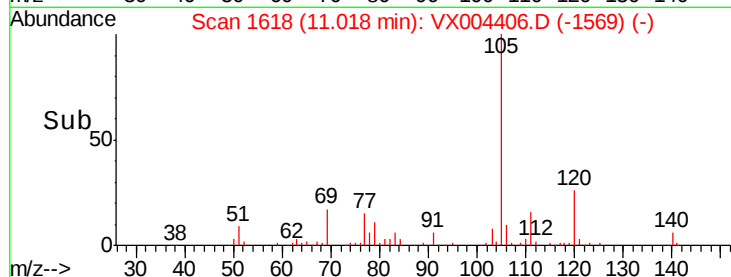
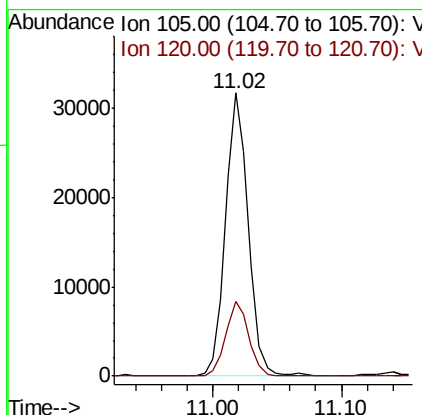
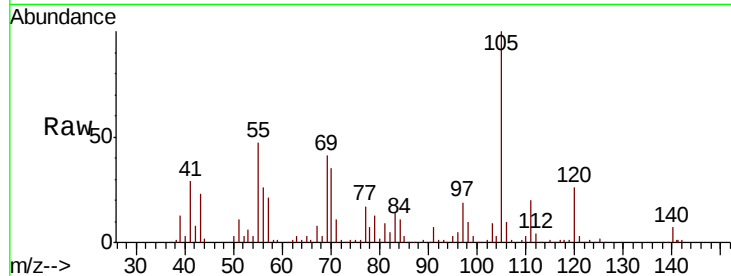




#73
Isopropylbenzene
Concen: 1.93 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

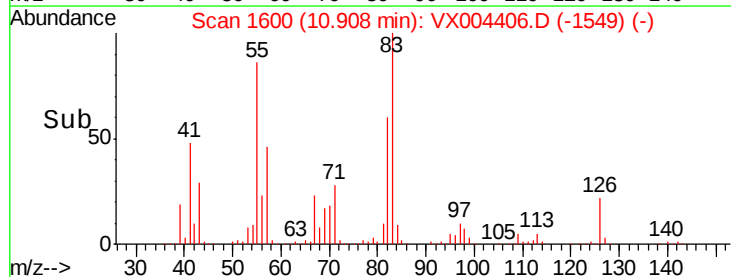
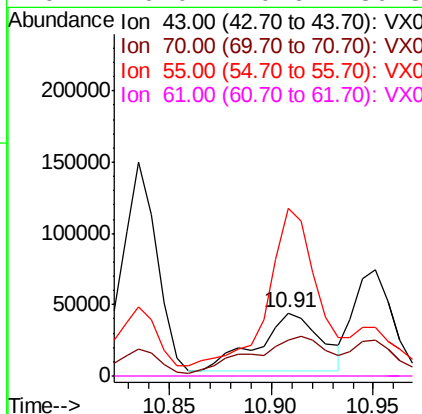
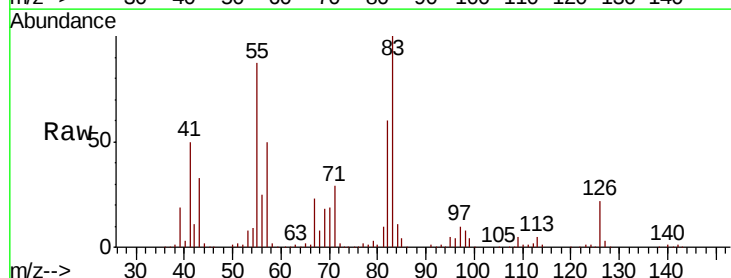
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-EDL

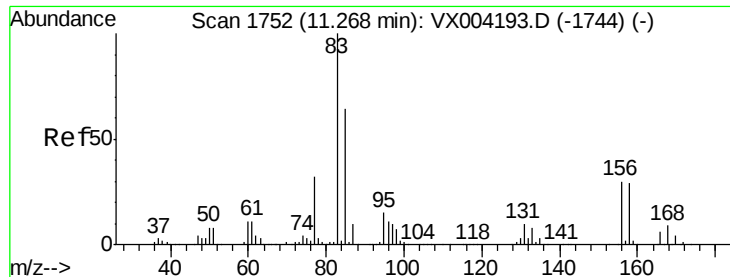
Tot Ion:105 Resp: 39571
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 10.96 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 43 Resp: 86353
Ion Ratio Lower Upper
43 100
70 74.6 37.4 56.0#
55 209.7 21.8 32.8#
61 0.0 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.93 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

EP1-SUT-8USTS-EDL

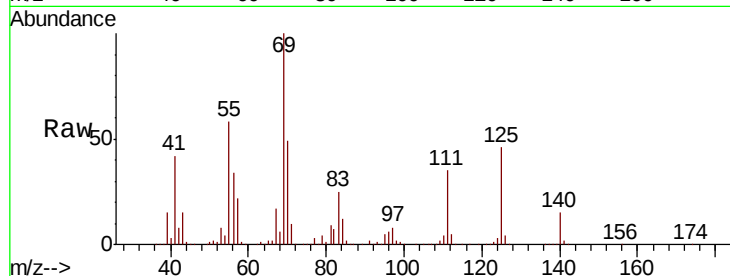
Tot Ion: 83 Resp: 56786

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

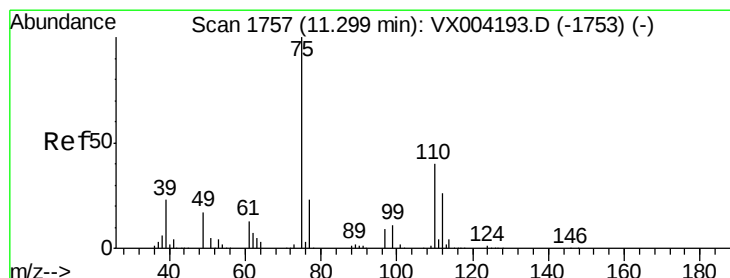
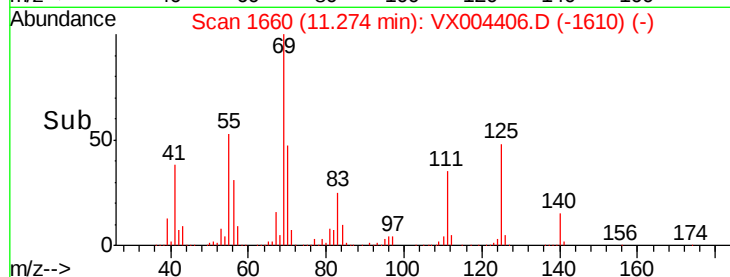
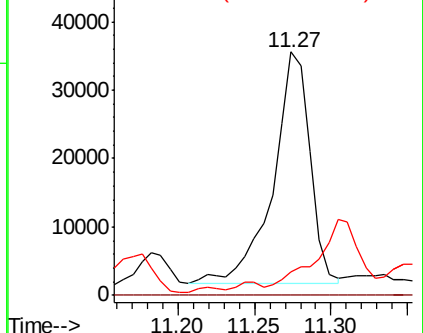
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.42 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004406.D

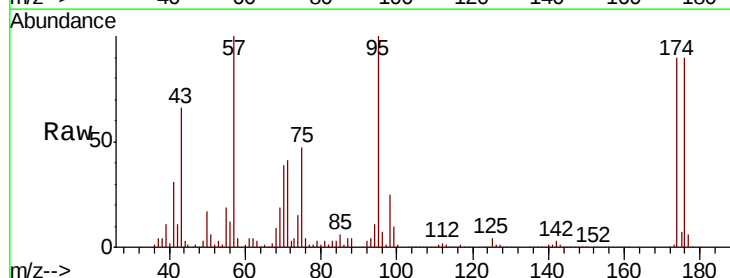
Acq: 07 Sep 2018 14:45

Tgt Ion: 75 Resp: 142058

Ion Ratio Lower Upper

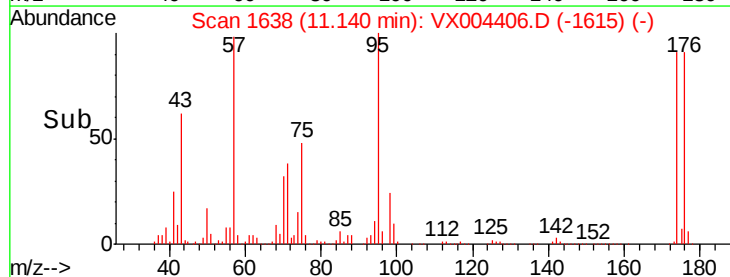
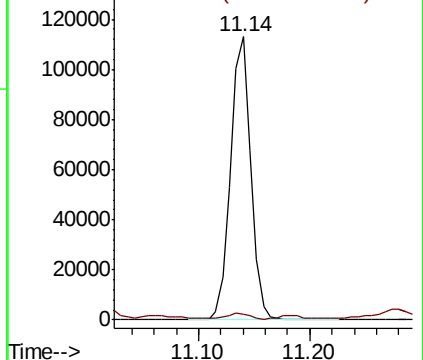
75 100

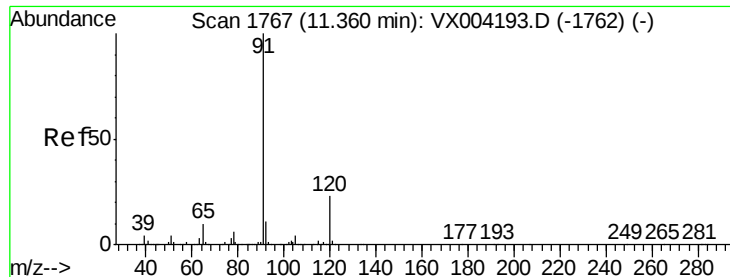
77 2.1 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.29 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

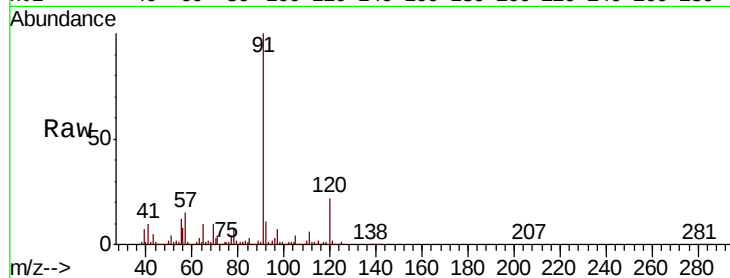
EP1-SUT-8USTS-EDL

Tot Ion: 91 Resp: 124389

Ion Ratio Lower Upper

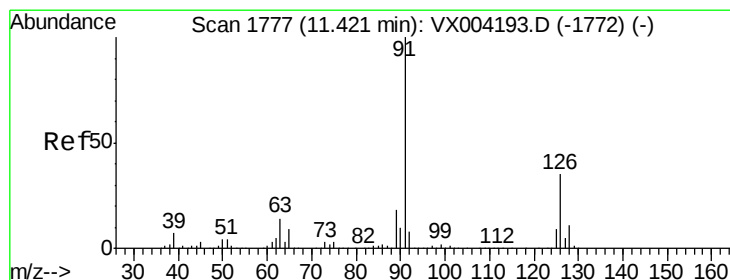
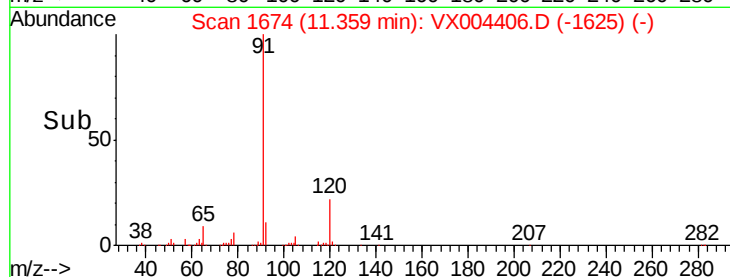
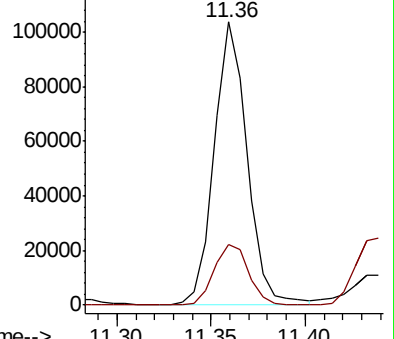
91 100

120 22.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.79 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX004406.D

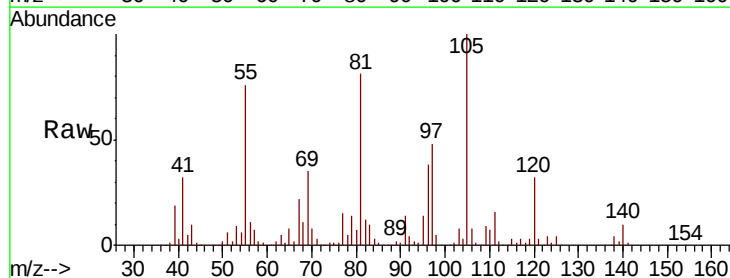
Acq: 07 Sep 2018 14:45

Tgt Ion: 91 Resp: 25989

Ion Ratio Lower Upper

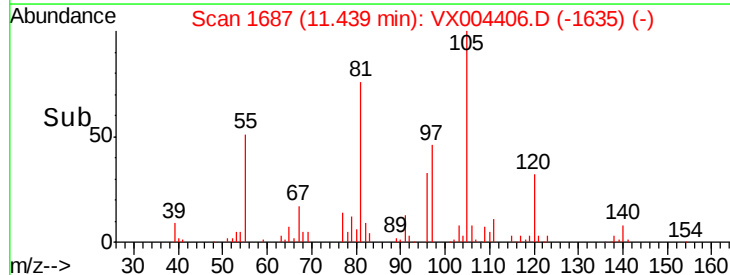
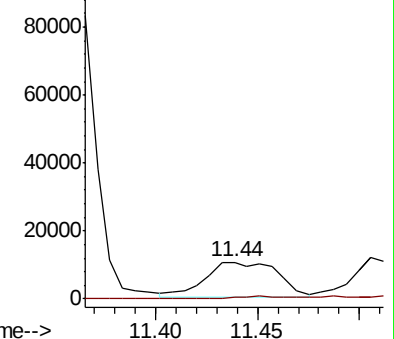
91 100

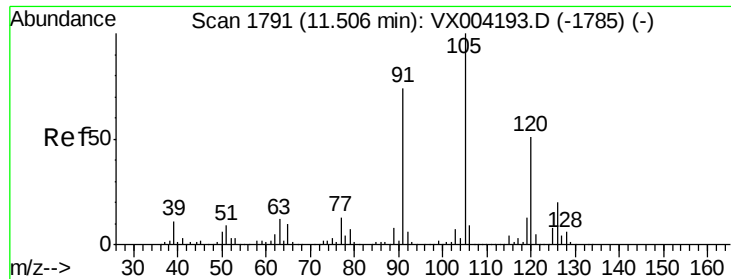
126 3.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

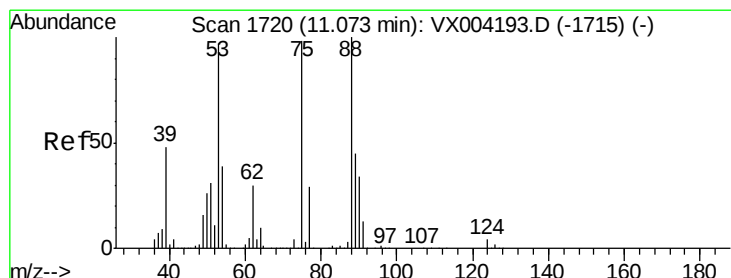
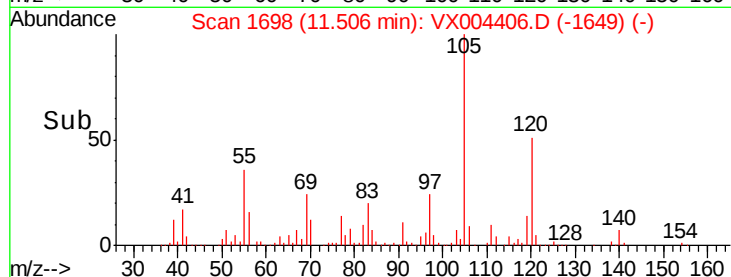
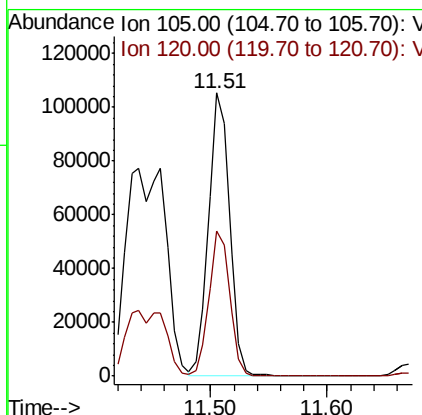
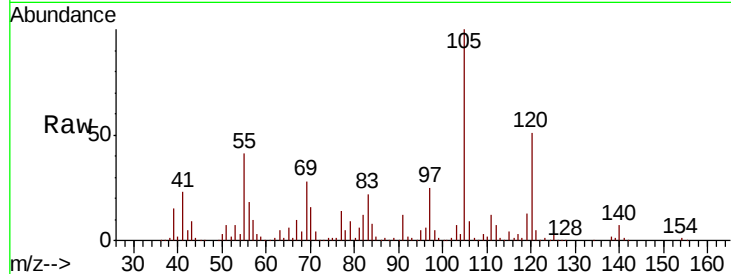




#80
 1,3,5-Trimethylbenzene
 Concen: 7.73 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

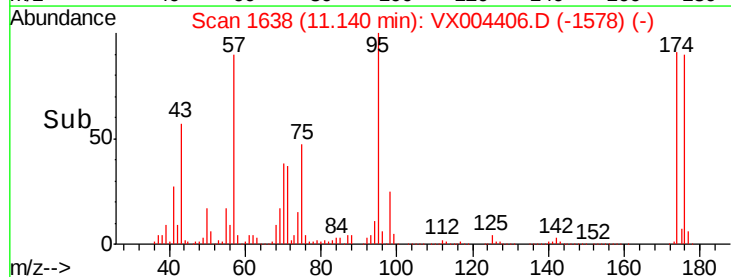
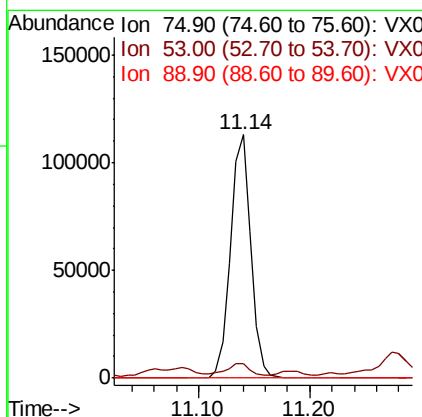
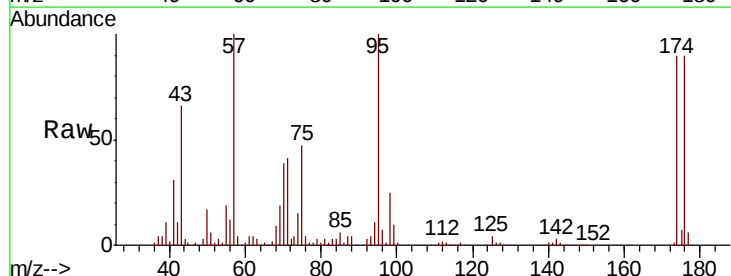
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-EDL

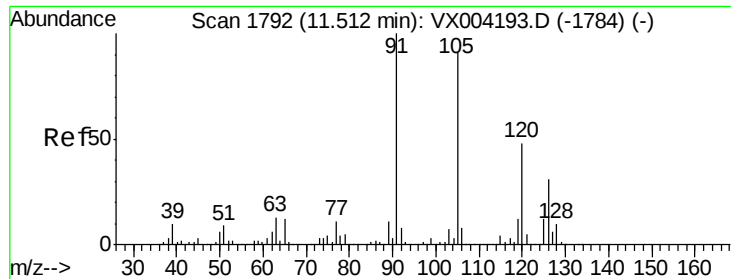
Tot Ion:105 Resp: 130937
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.76 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion: 75 Resp: 142058
 Ion Ratio Lower Upper
 75 100
 53 5.8 80.1 120.1#
 89 0.0 37.2 55.8#

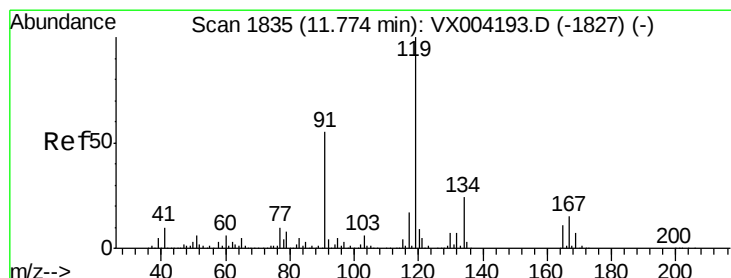
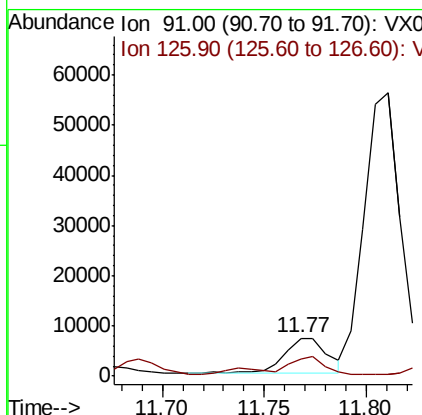
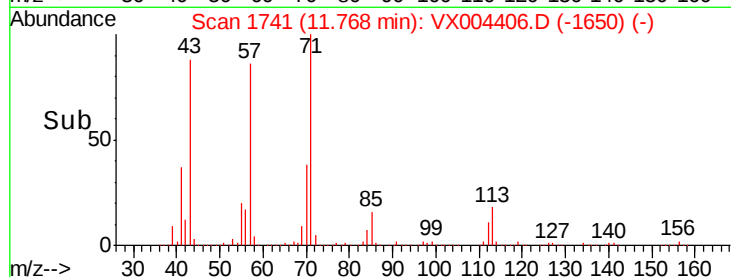
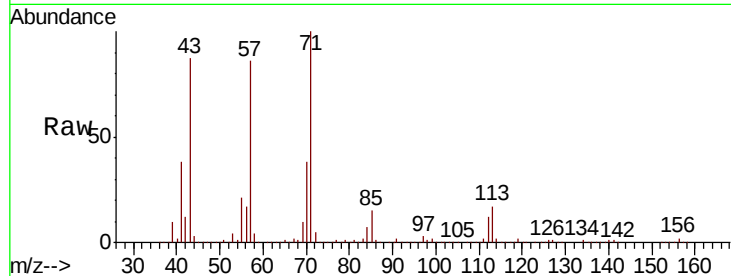




#82
4-Chlorotoluene
Concen: 0.61 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.26 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

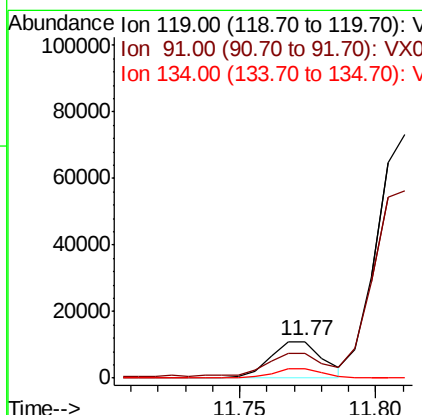
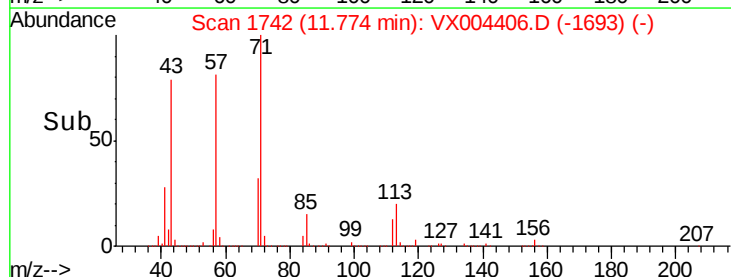
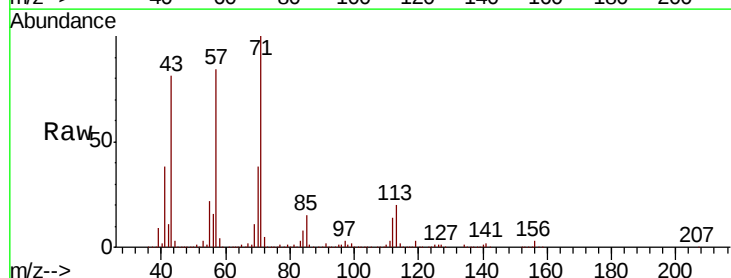
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-EDL

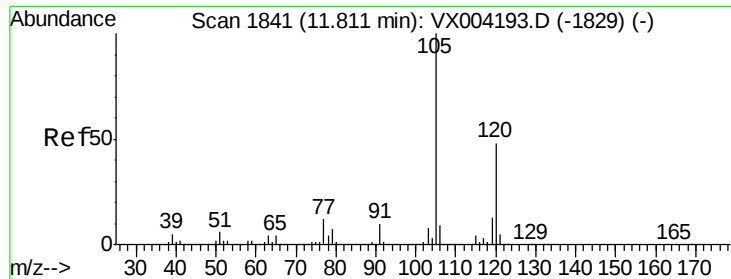
Tot Ion: 91 Resp: 10449
Ion Ratio Lower Upper
91 100
126 28.1 15.5 46.5



#83
tert-Butylbenzene
Concen: 0.85 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004406.D
Acq: 07 Sep 2018 14:45

Tgt Ion: 119 Resp: 14520
Ion Ratio Lower Upper
119 100
91 72.0 27.0 81.0
134 26.8 11.7 35.1

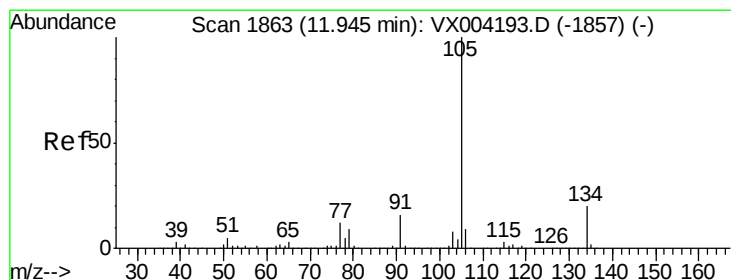
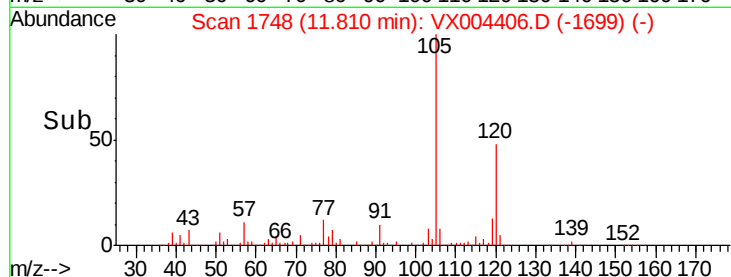
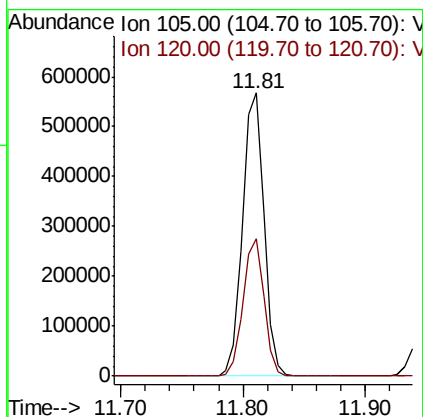
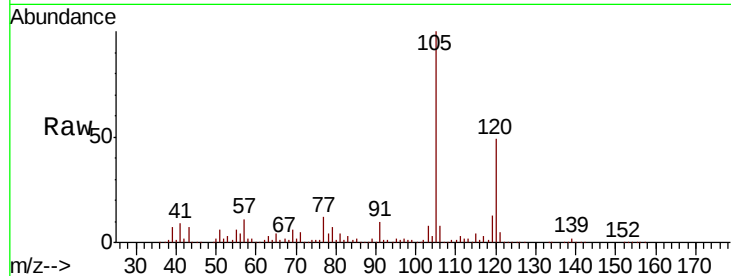




#84
 1,2,4-Trimethylbenzene
 Concen: 39.35 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

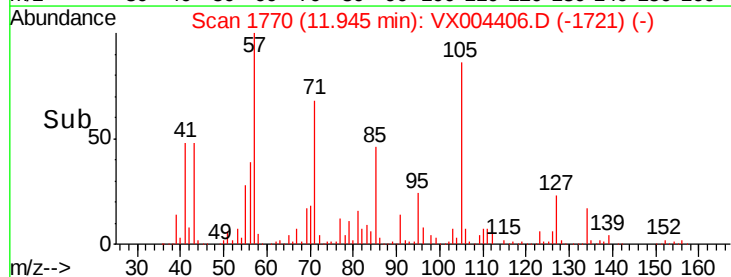
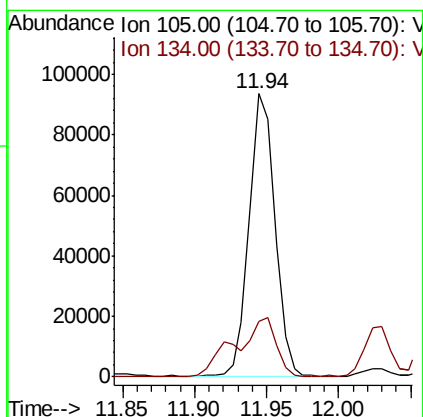
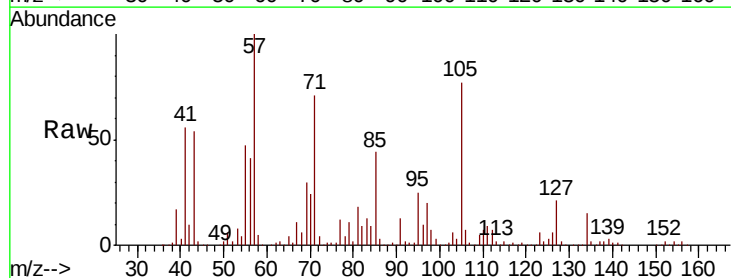
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-EDL

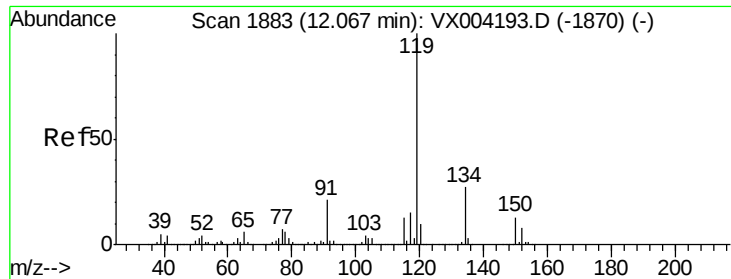
Tot Ion:105 Resp: 684398
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 5.69 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion:105 Resp: 115106
 Ion Ratio Lower Upper
 105 100
 134 33.8 10.5 31.5#

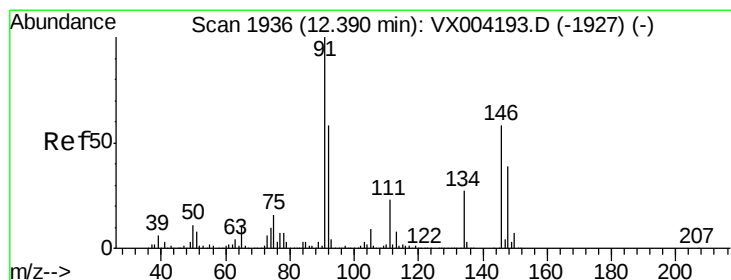
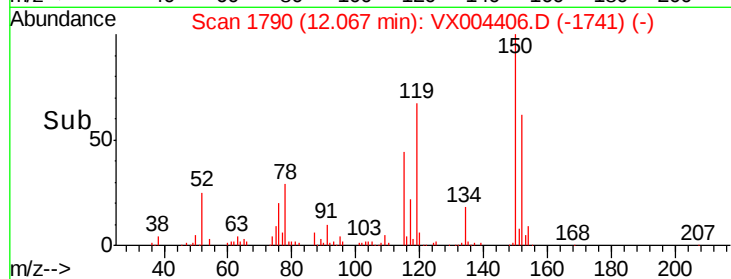
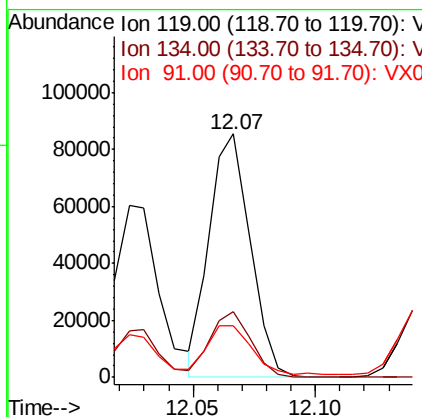
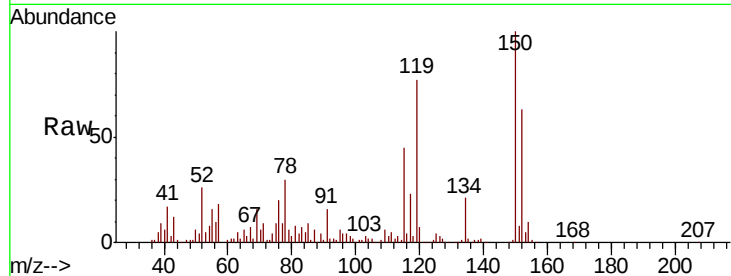




#86
 p-Isopropyltoluene
 Concen: 5.48 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

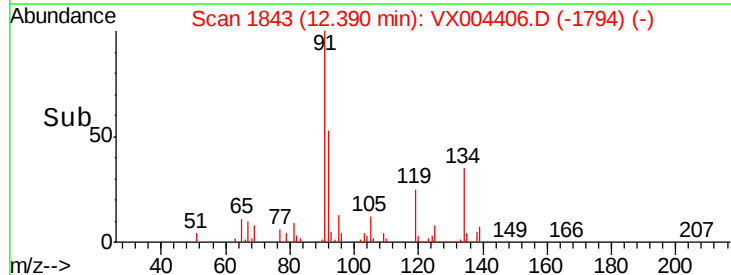
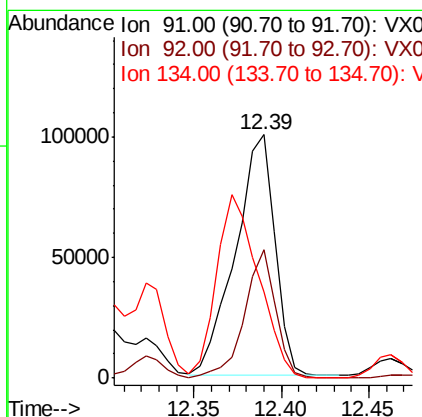
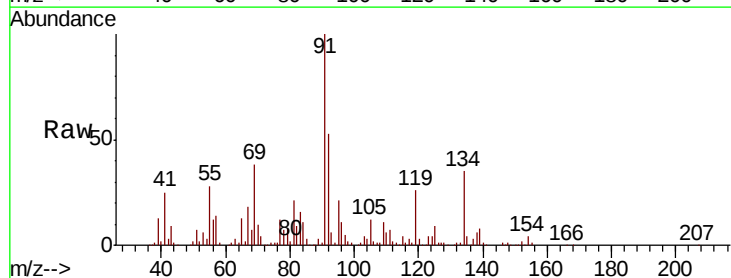
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-EDL

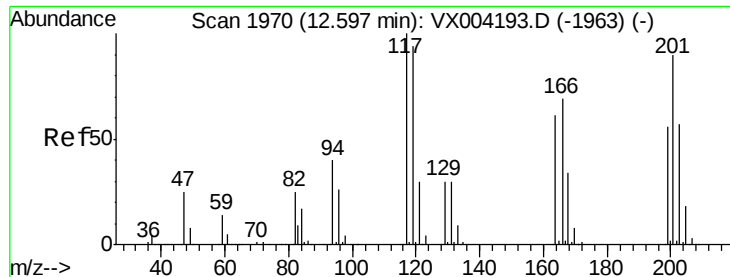
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	22.0	10.9	32.7



#89
 n-Butylbenzene
 Concen: 10.71 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.7	27.3	81.9
134	79.8	13.6	40.7#





#90

Hexachloroethane

Concen: 4.88 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

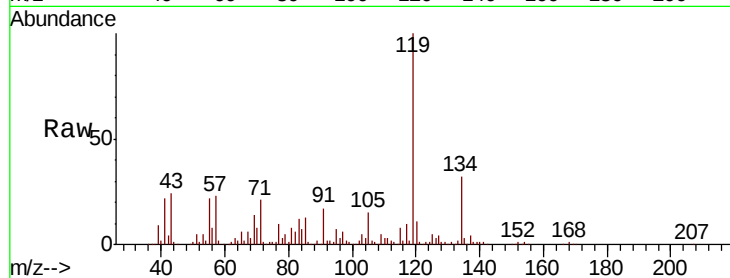
EP1-SUT-8USTS-EDL

Tot Ion:117 Resp: 12371

Ion Ratio Lower Upper

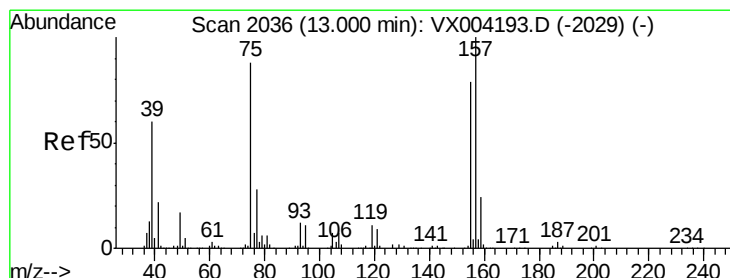
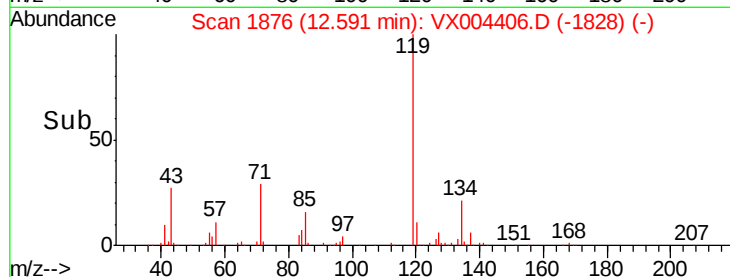
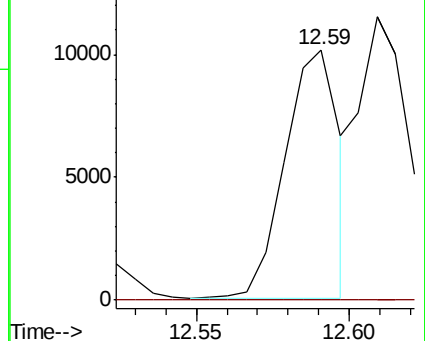
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.79 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004406.D

Acq: 07 Sep 2018 14:45

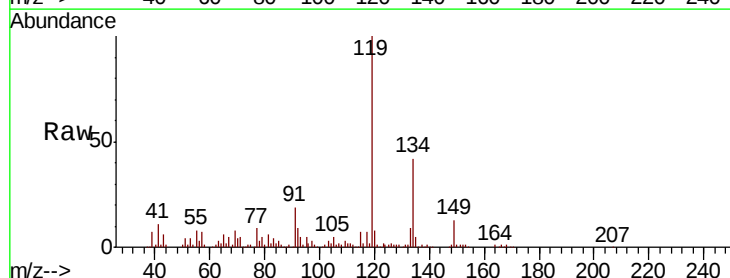
Tgt Ion: 75 Resp: 1000

Ion Ratio Lower Upper

75 100

155 33.5 48.0 144.2#

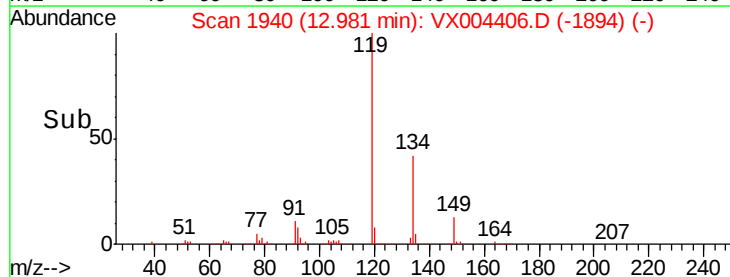
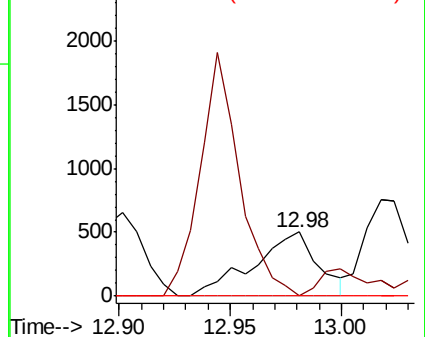
157 0.0 61.4 184.1#

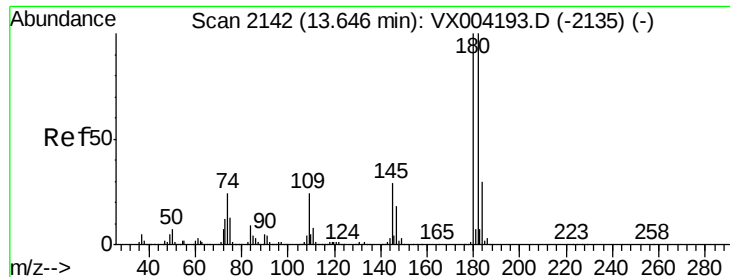


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

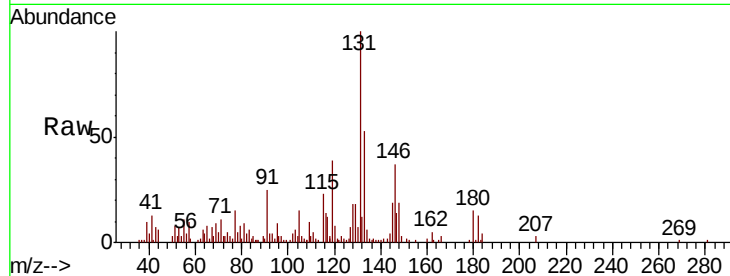




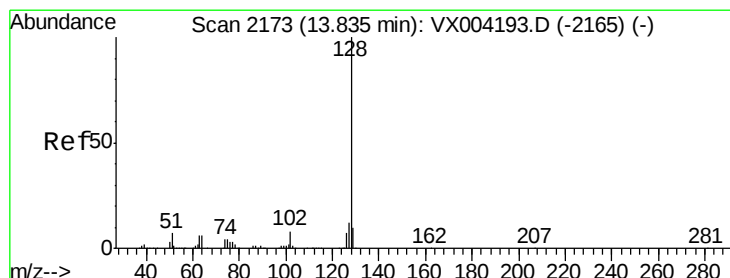
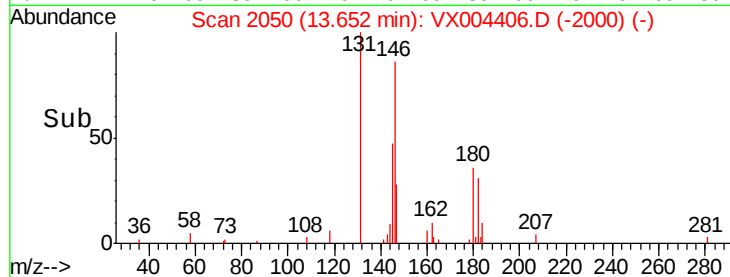
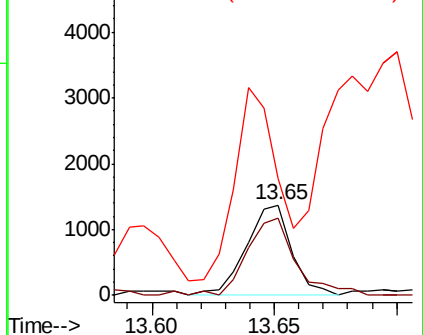
#93
 1,2,4-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.65 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

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

Tot Ion:180 Resp: 1775
 Ion Ratio Lower Upper
 180 100
 182 91.3 48.4 145.0
 145 226.6 14.3 42.9#

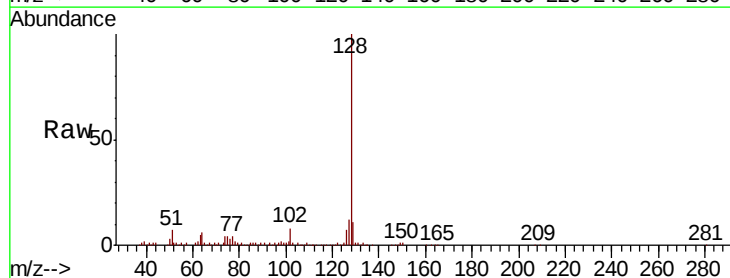


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.04 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004406.D
 Acq: 07 Sep 2018 14:45

Tgt Ion:128 Resp: 82075
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.2 15.2
 129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

