

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082718\
 Data File : VX004264.D
 Acq On : 27 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4662-01
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRAB

Quant Time: Aug 28 01:04:10 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	5.65	168	262552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	587813	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	173652	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.50	113	146164	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	601069	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	1238655	290.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	581.94%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1487	0.73	ug/l	94
5) Bromomethane	1.63	94	1757	Below	Cal	99
6) Chloroethane	1.70	64	166	1.03	ug/l #	1
10) Methyl Iodide	2.48	142	2756	5.02	ug/l	98
11) Tert butyl alcohol	3.03	59	5392	7.39	ug/l #	77
13) Acrolein	2.30	56	287	1.63	ug/l #	56
15) Acrylonitrile	3.17	53	1072	0.59	ug/l	87
16) Acetone	2.48	43	2388	Below	Cal #	86
17) Carbon Disulfide	2.53	76	3461	1.24	ug/l #	95
18) Methyl Acetate	2.79	43	6963	1.37	ug/l	96
20) Methylene Chloride	2.84	84	1761	0.53	ug/l #	81
21) trans-1,2-Dichloroethene	3.14	96	749	0.24	ug/l #	80
25) 2-Butanone	4.73	43	5041	Below	Cal	93
29) Tetrahydrofuran	5.18	42	1349	0.92	ug/l #	83
37) Ethyl Acetate	4.73	43	5041	1.12	ug/l #	45
38) Carbon Tetrachloride	5.65	117	22646	5.27	ug/l #	15
39) Methylcyclohexane	7.45	83	2463	0.47	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	5068	1.01	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	43757	12.69	ug/l #	21
56) Ethyl methacrylate	9.16	69	9886	2.11	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	490	0.20	ug/l #	64
59) 2-Hexanone	9.44	43	548903	143.46	ug/l #	26
60) Dibromochloromethane	9.55	129	1614	0.48	ug/l #	1
61) 1,2-Dibromoethane	9.68	107	1157	0.32	ug/l #	1
64) Tetrachloroethene	9.34	164	1119	0.26	ug/l #	81
65) Chlorobenzene	10.17	112	4246	0.39	ug/l #	40
67) Ethyl Benzene	10.26	91	34059	1.93	ug/l	90
68) m/p-Xylenes	10.37	106	4654	0.68	ug/l #	1
69) o-Xylene	10.71	106	3777	0.58	ug/l	96
73) Isopropylbenzene	11.03	105	1150465	29.80	ug/l	99
74) N-amyl acetate	10.93	43	4618767	310.72	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.29	83	6034268	446.64	ug/l #	25
76) 1,2,3-Trichloropropane	11.30	75	10684	0.89	ug/l #	1
78) n-propylbenzene	11.37	91	4791670	107.91	ug/l	98

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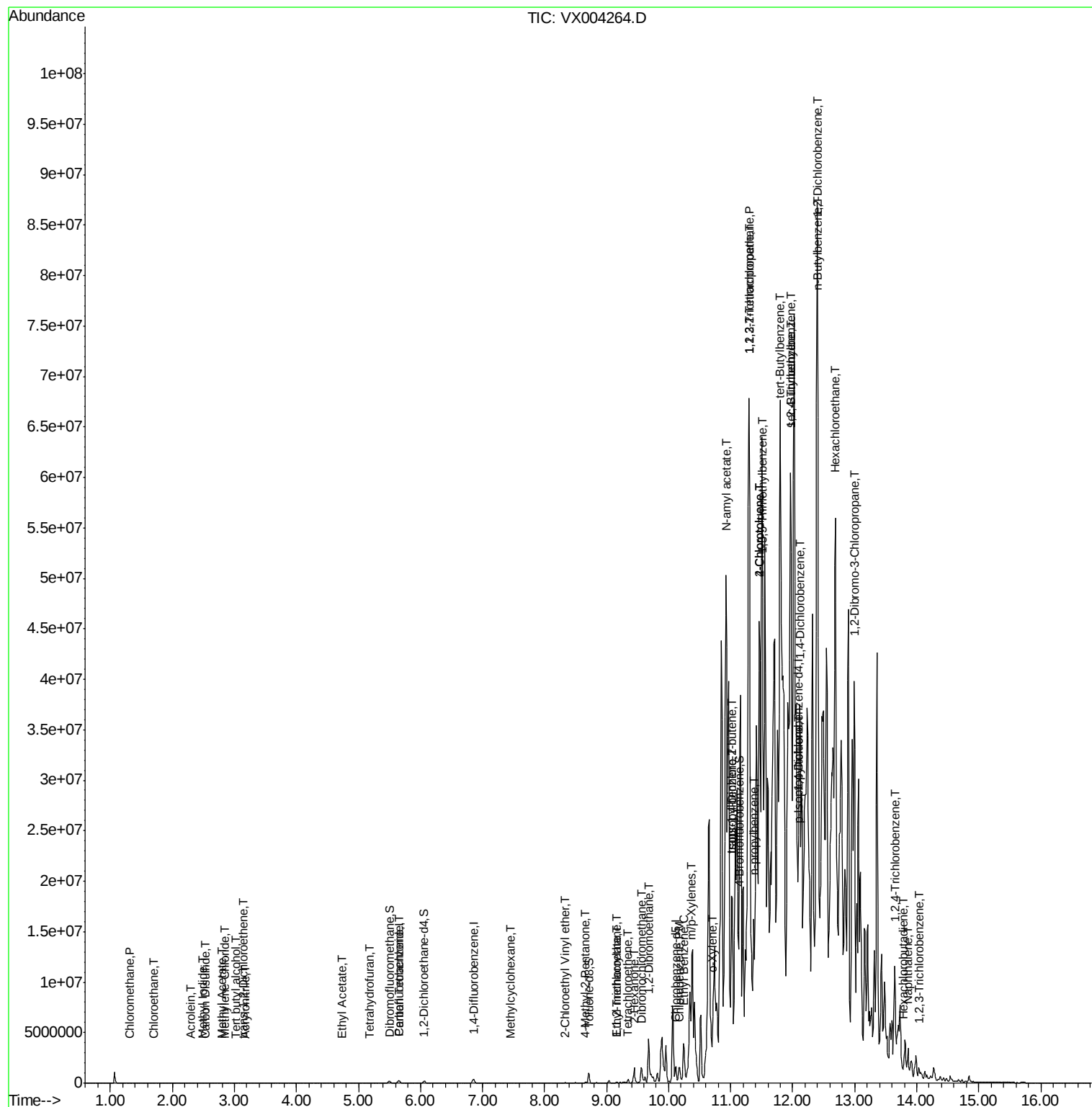
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.46	91	173570	6.35	ug/l #	6
80) 1,3,5-Trimethylbenzene	11.52	105	8677	0.27	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.03	75	13227	3.59	ug/l #	1
82) 4-Chlorotoluene	11.46	91	173570	5.40	ug/l #	1
83) tert-Butylbenzene	11.79	119	1024292	31.84	ug/l	83
84) 1,2,4-Trimethylbenzene	11.96	105	6478272	197.40	ug/l #	30
85) sec-Butylbenzene	11.96	105	6478272	169.63	ug/l #	67
86) p-Isopropyltoluene	12.08	119	841065	24.57	ug/l	95
88) 1,4-Dichlorobenzene	12.12	146	6705	0.31	ug/l #	1
89) n-Butylbenzene	12.40	91	9153837	328.91	ug/l #	87
90) Hexachloroethane	12.69	117	2540357	531.04	ug/l #	3
91) 1,2-Dichlorobenzene	12.41	146	4096	0.22	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	12.99	75	117178	49.24	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	3507	0.26	ug/l #	1
94) Hexachlorobutadiene	13.79	225	2531	0.26	ug/l	89
95) Naphthalene	13.85	128	62870	1.64	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.03	180	3031	0.21	ug/l #	1

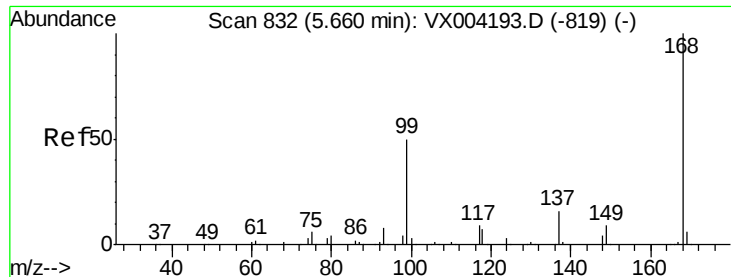
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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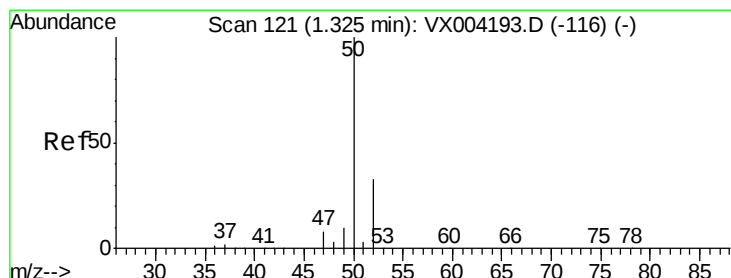
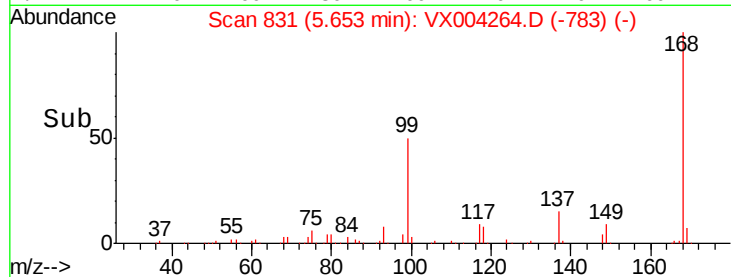
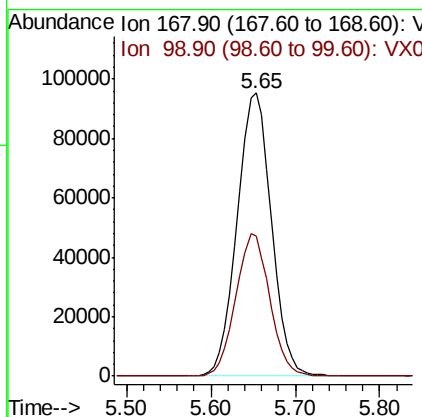
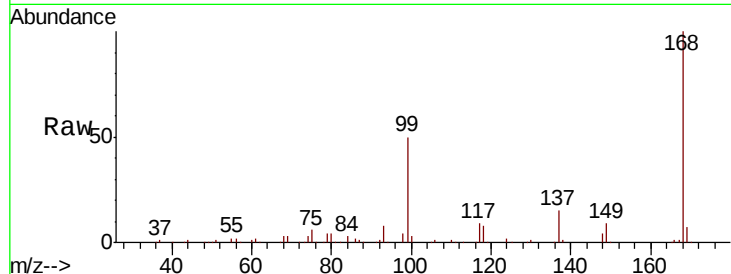




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

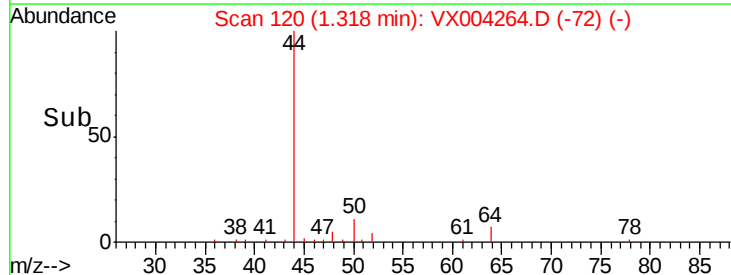
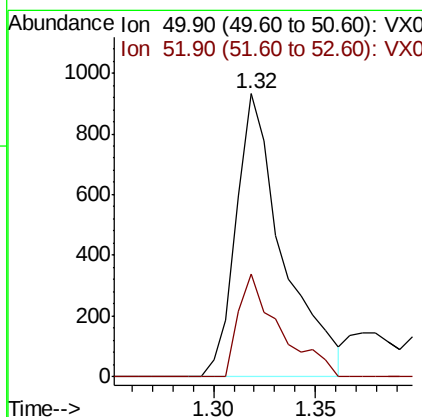
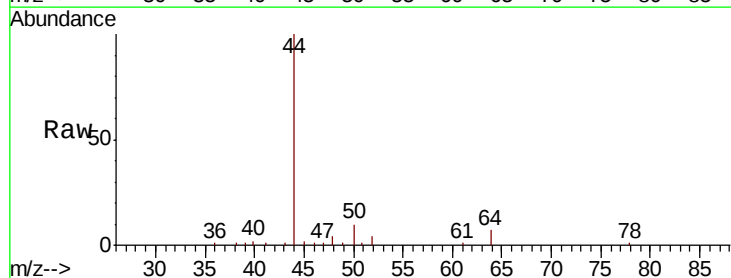
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

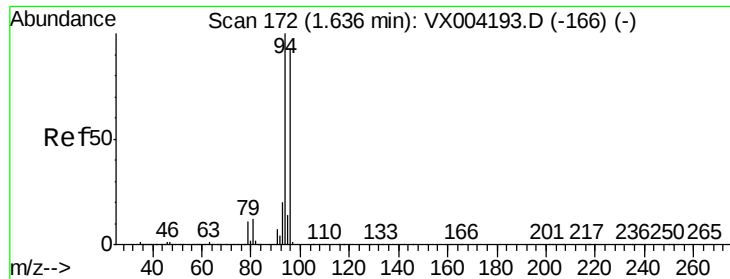
Tot Ion:168 Resp: 262552
Ion Ratio Lower Upper
168 100
99 49.6 39.9 59.9



#3
Chloromethane
Concen: 0.73 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 50 Resp: 1487
Ion Ratio Lower Upper
50 100
52 36.2 26.2 39.2





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

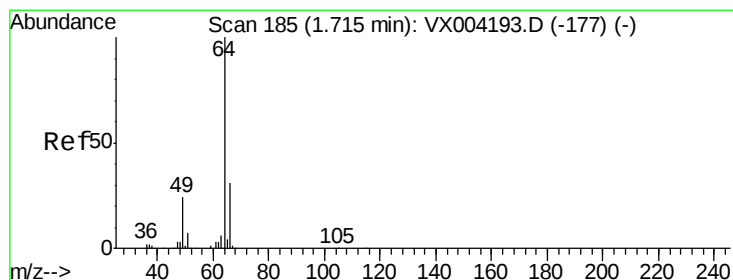
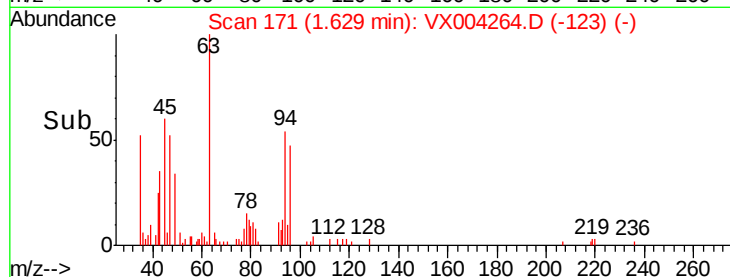
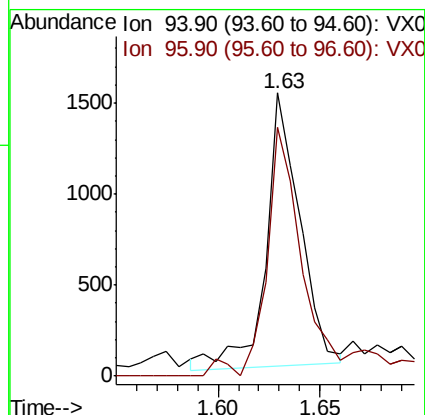
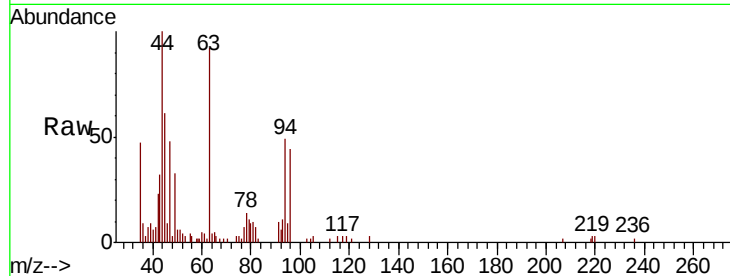
EP1-D7-GRAB

Tot Ion: 94 Resp: 1757

Ion Ratio Lower Upper

94 100

96 93.8 74.5 111.7



#6

Chloroethane

Concen: 1.03 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX004264.D

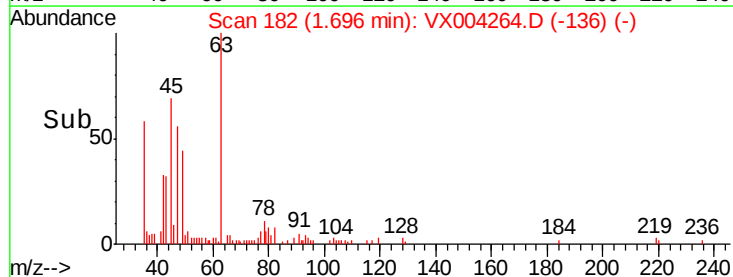
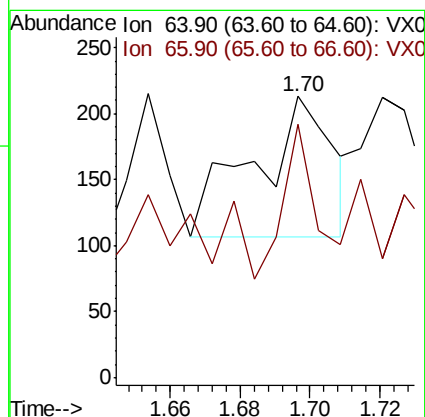
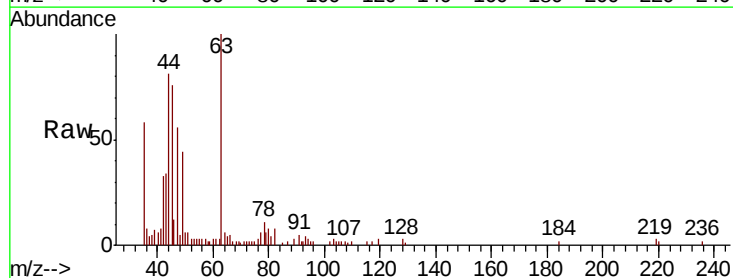
Acq: 27 Aug 2018 16:17

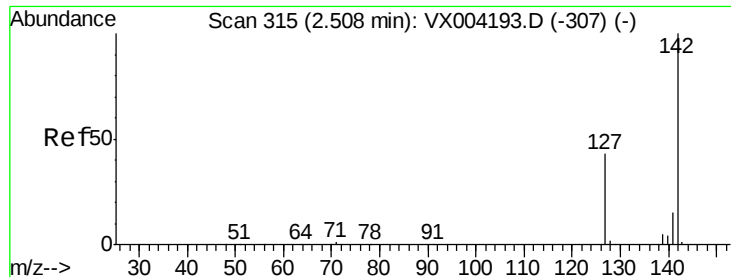
Tgt Ion: 64 Resp: 166

Ion Ratio Lower Upper

64 100

66 85.8 24.6 36.8#

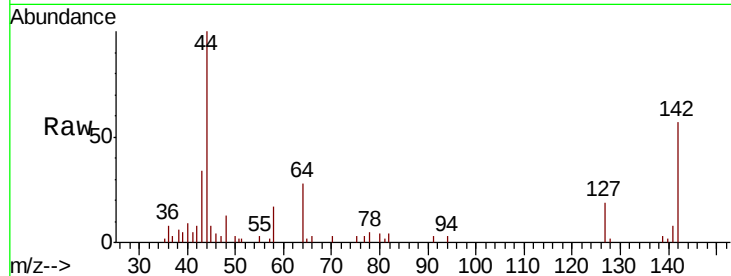




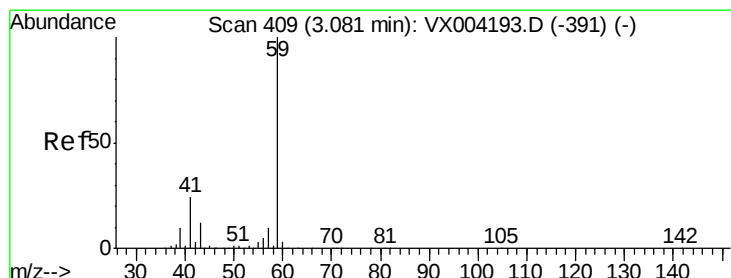
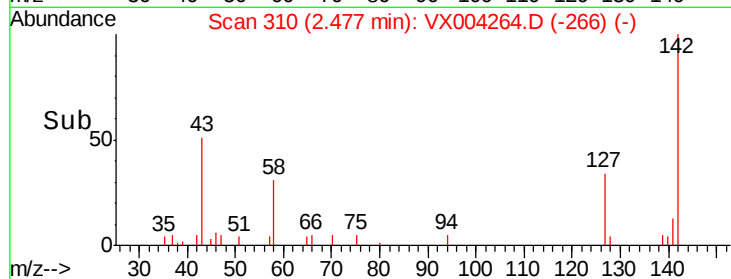
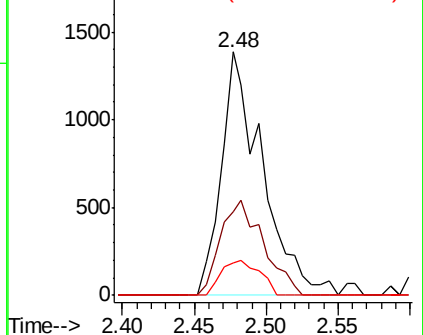
#10
Methvl Iodide
Concen: 5.02 ug/l
RT: 2.48 min Scan# 310
Delta R.T. -0.03 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

Tot Ion:142 Resp: 2756
Ion Ratio Lower Upper
142 100
127 40.7 33.8 50.6
141 13.5 11.4 17.0

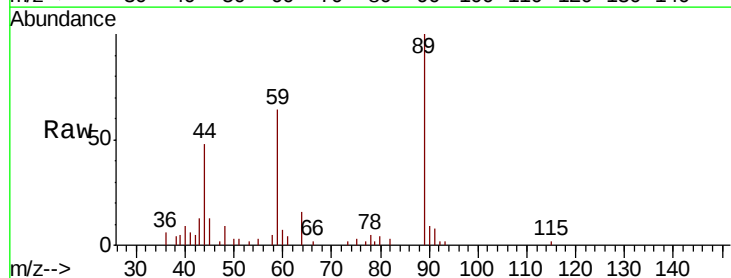


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

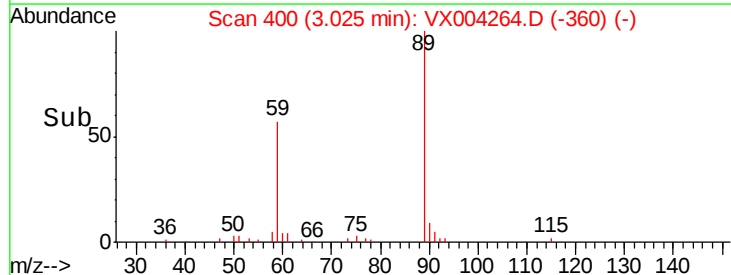
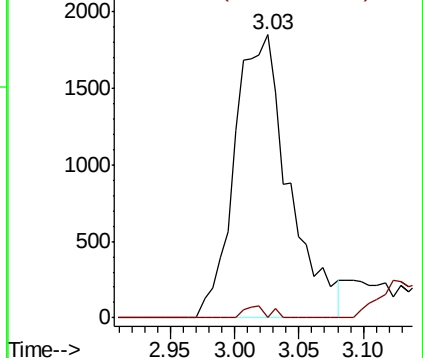


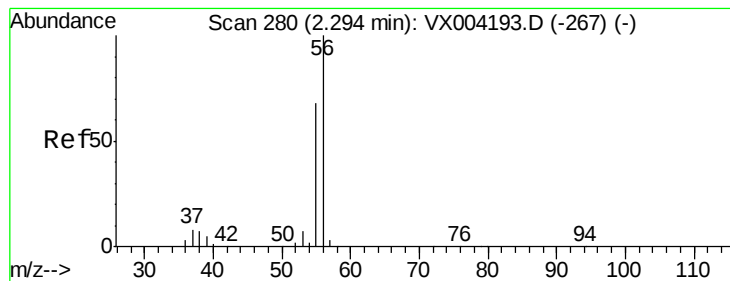
#11
Tert butyl alcohol
Concen: 7.39 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 59 Resp: 5392
Ion Ratio Lower Upper
59 100
57 1.8 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: 1.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

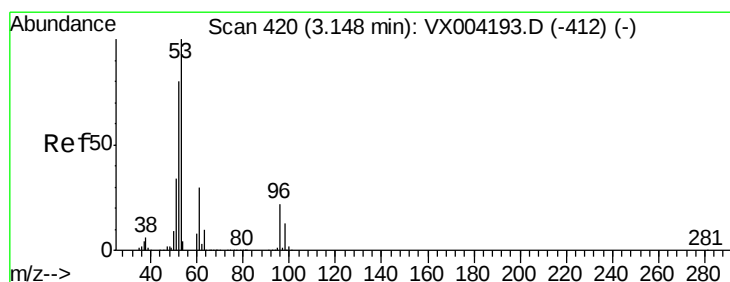
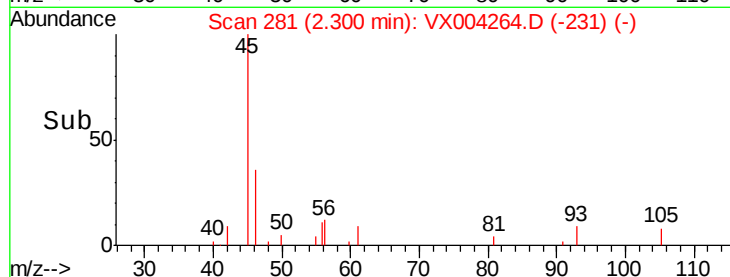
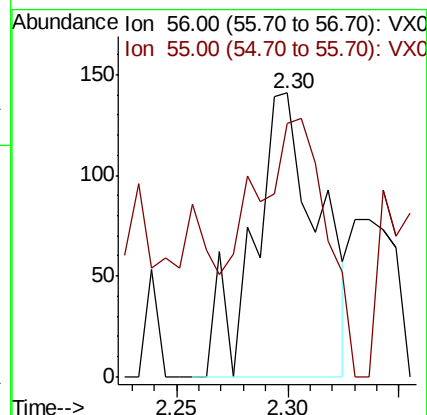
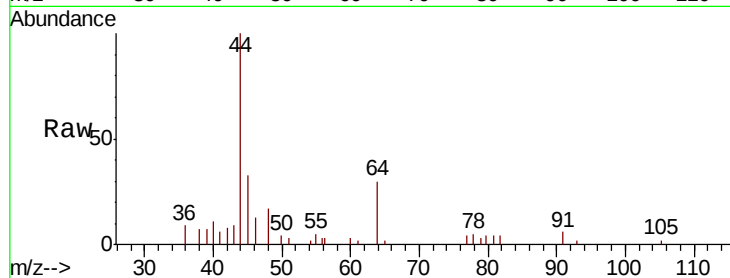
EP1-D7-GRAB

Tot Ion: 56 Resp: 287

Ion Ratio Lower Upper

56 100

55 104.2 54.7 82.1#



#15

Acrylonitrile

Concen: 0.59 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

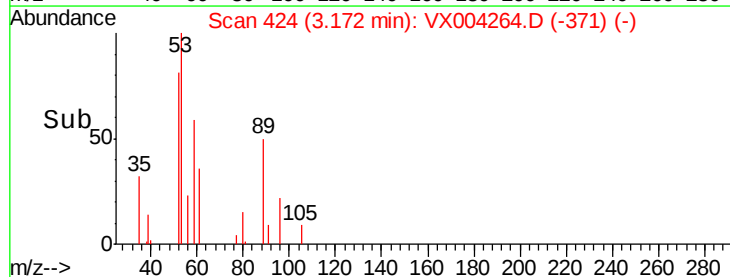
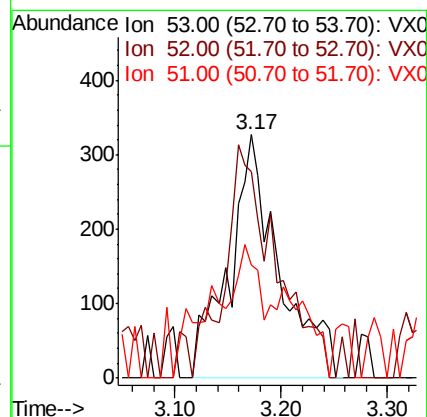
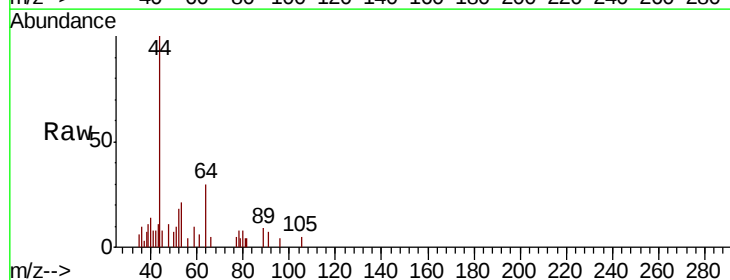
Tgt Ion: 53 Resp: 1072

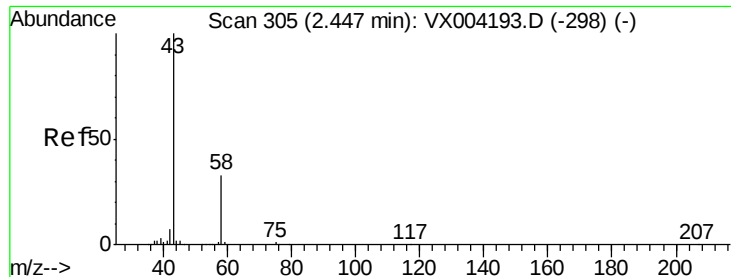
Ion Ratio Lower Upper

53 100

52 97.6 65.2 97.8

51 33.7 28.2 42.2





#16

Acetone

Concen: Below Cal

RT: 2.48 min Scan# 311

Delta R.T. 0.04 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

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ClientSampleId :

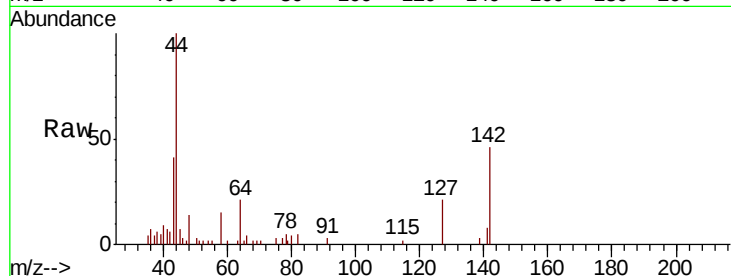
EP1-D7-GRAB

Tot Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

58 40.6 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

1200

1000

800

600

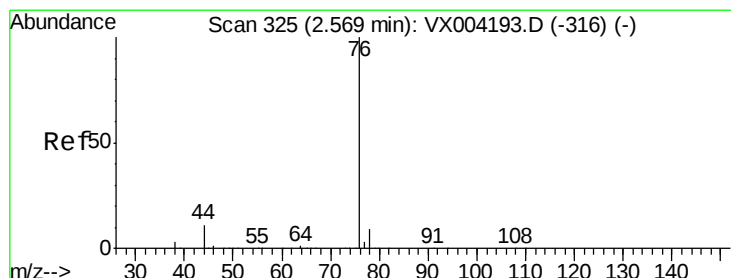
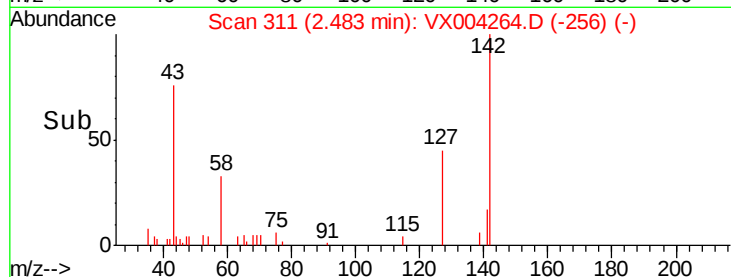
400

200

0

2.40 2.45 2.50 2.55 2.60

Time-->



#17

Carbon Disulfide

Concen: 1.24 ug/l

RT: 2.53 min Scan# 319

Delta R.T. -0.04 min

Lab File: VX004264.D

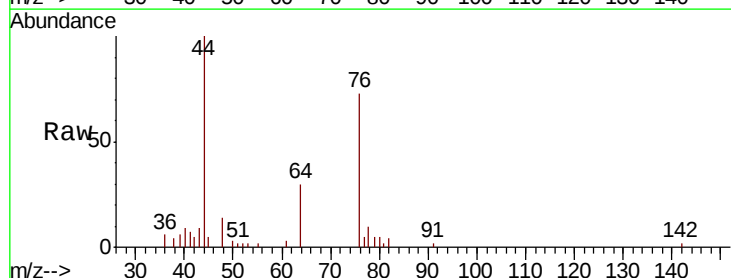
Acq: 27 Aug 2018 16:17

Tgt Ion: 76 Resp: 3461

Ion Ratio Lower Upper

76 100

78 7.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.53

2000

1500

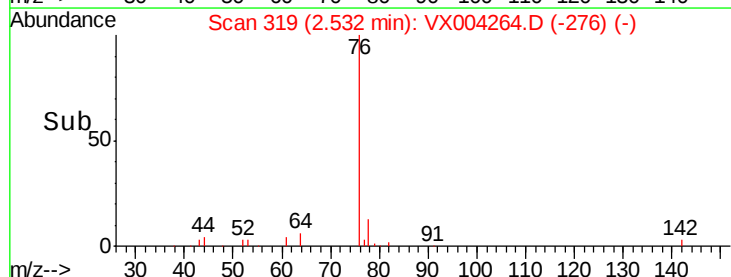
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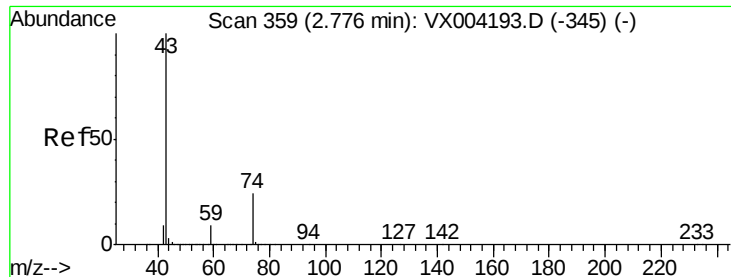
500

0

2.45 2.50 2.55 2.60

Time-->

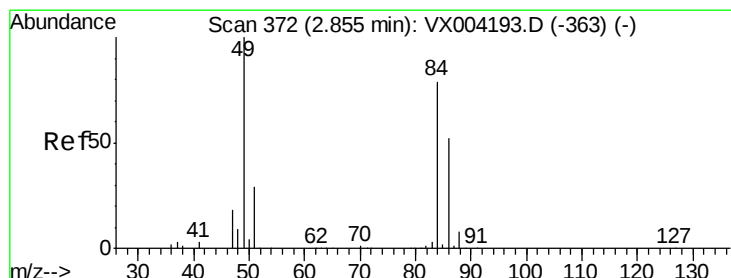
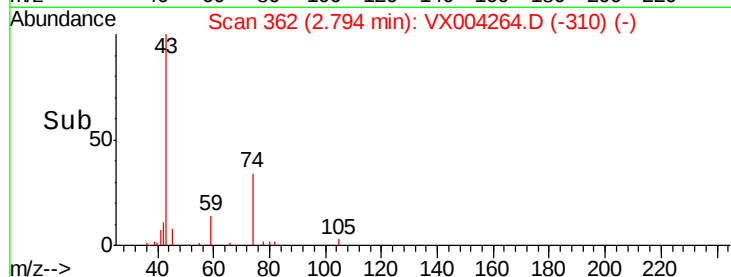
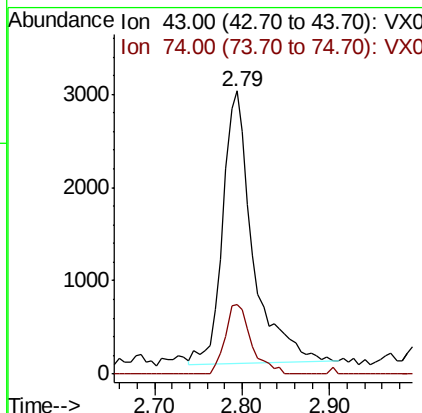
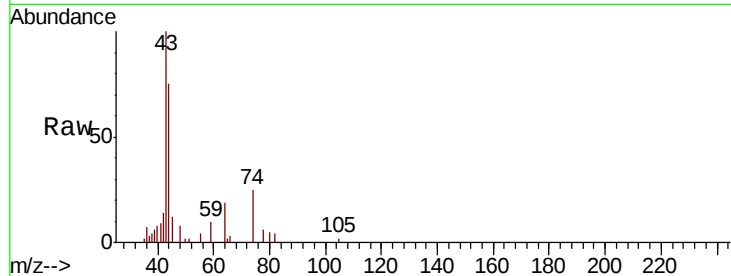




#18
Methvl Acetate
Concen: 1.37 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.02 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

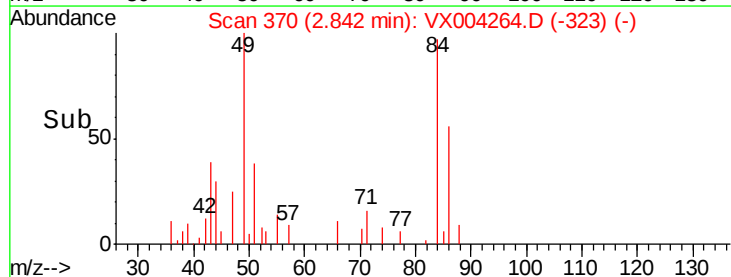
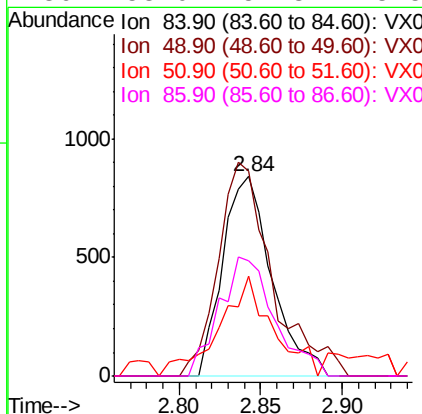
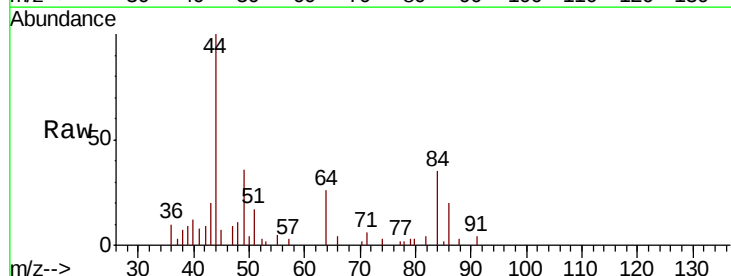
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ClientSampleId :
EP1-D7-GRAB

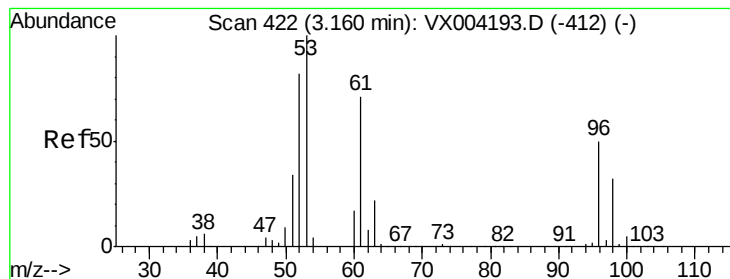
Tot Ion: 43 Resp: 6963
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



#20
Methylene Chloride
Concen: 0.53 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 84 Resp: 1761
Ion Ratio Lower Upper
84 100
49 95.7 101.2 151.8#
51 42.4 29.5 44.3
86 58.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

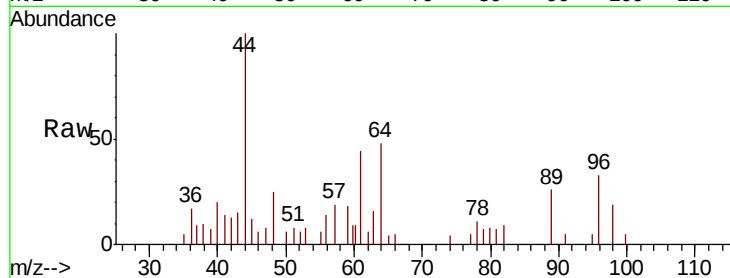
Tot Ion: 96 Resp: 749

Ion Ratio Lower Upper

96 100

61 112.7 113.8 170.6#

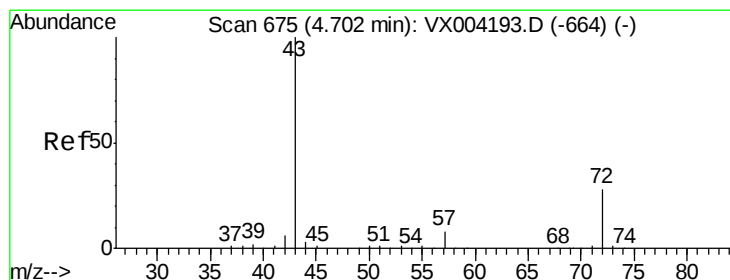
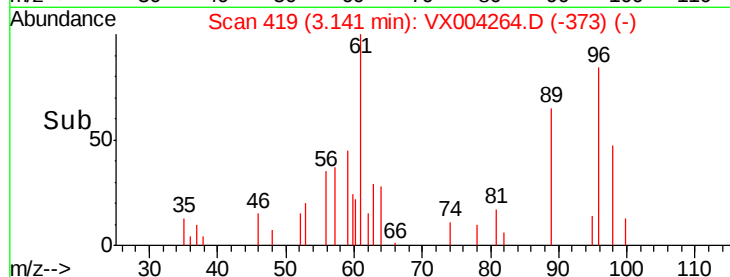
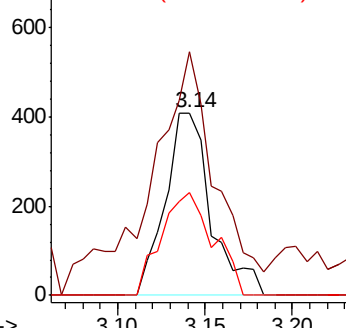
98 56.5 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: Below Cal

RT: 4.73 min Scan# 680

Delta R.T. 0.03 min

Lab File: VX004264.D

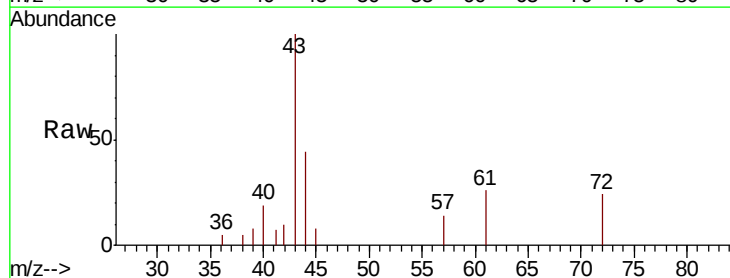
Acq: 27 Aug 2018 16:17

Tgt Ion: 43 Resp: 5041

Ion Ratio Lower Upper

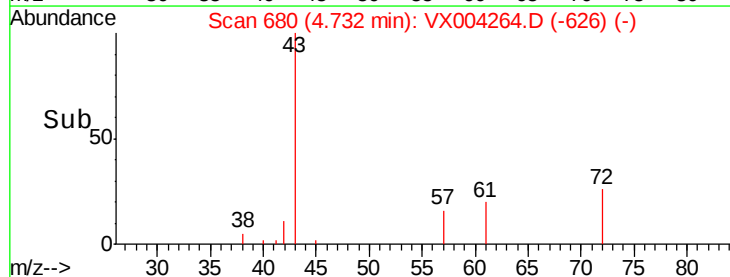
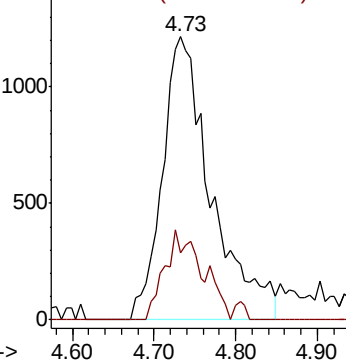
43 100

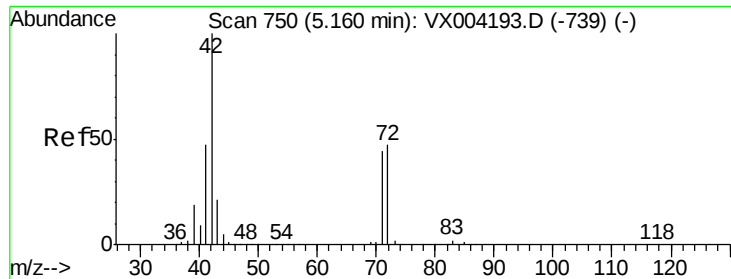
72 23.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

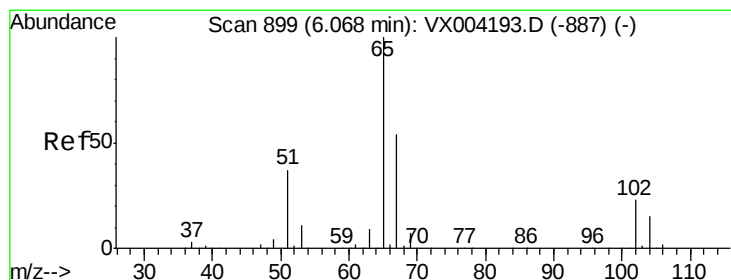
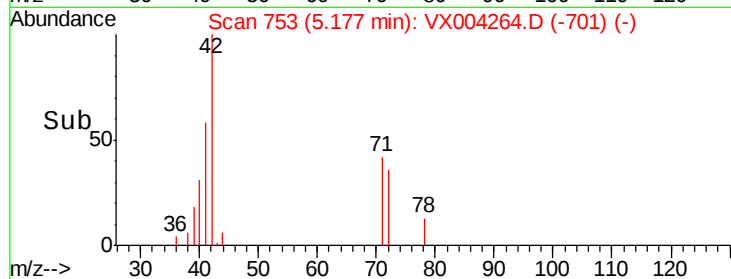
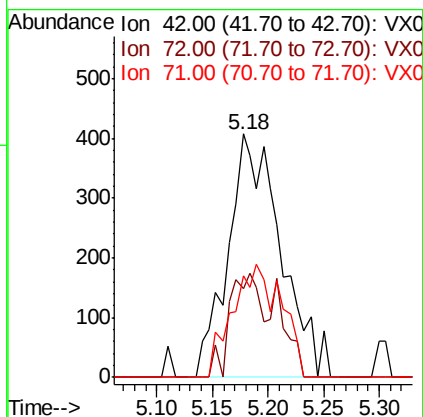
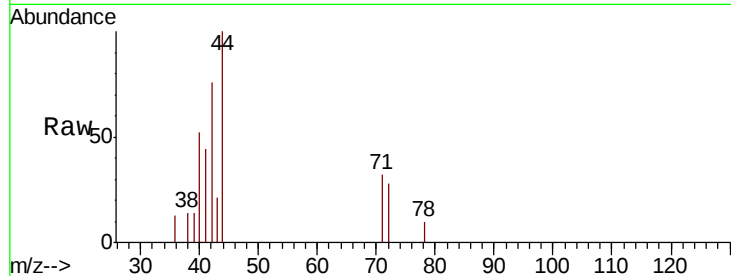




#29
Tetrahydrofuran
Concen: 0.92 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.02 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

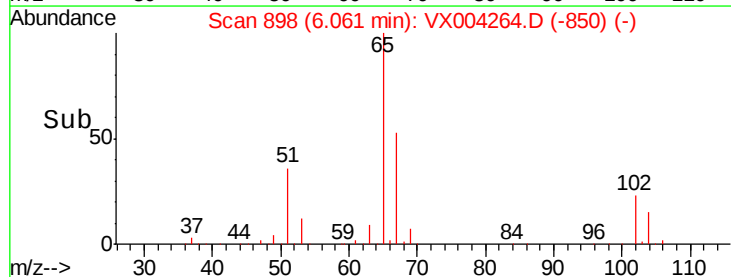
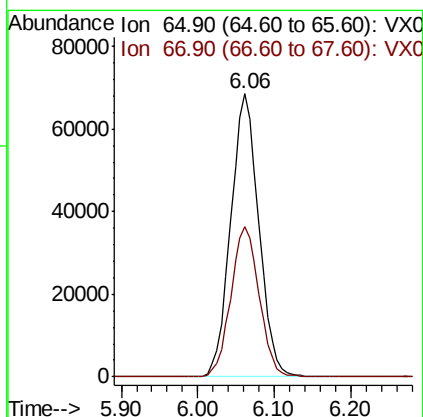
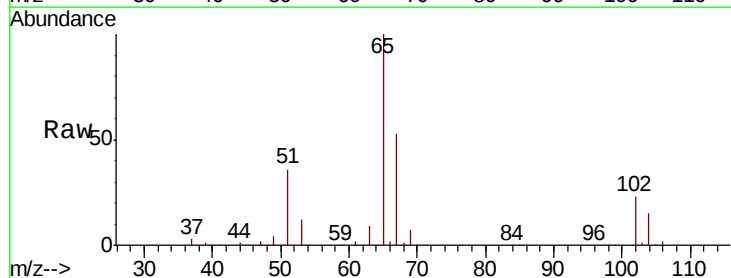
Instrument :
MSVOA_X
ClientSampled :
EP1-D7-GRAB

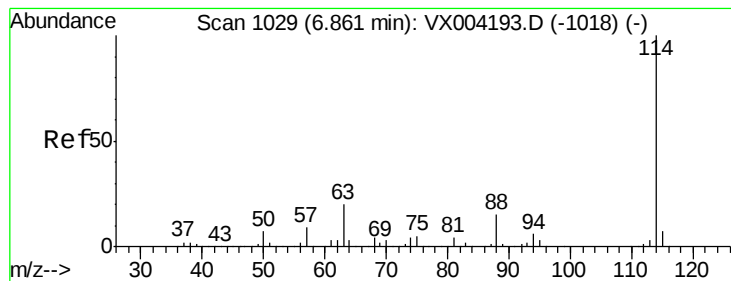
Tot Ion: 42 Resp: 1349
Ion Ratio Lower Upper
42 100
72 24.7 37.4 56.0#
71 43.1 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 50.75 ug/l
RT: 6.06 min Scan# 898
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 65 Resp: 173652
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

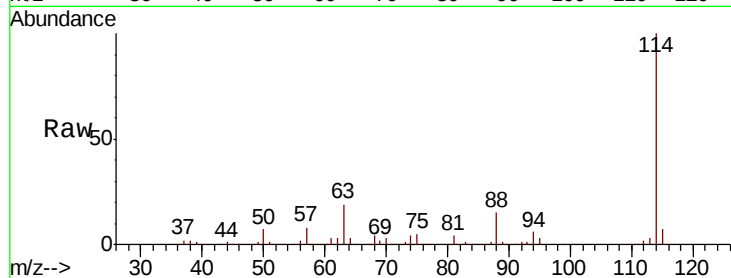
Tot Ion:114 Resp: 406297

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

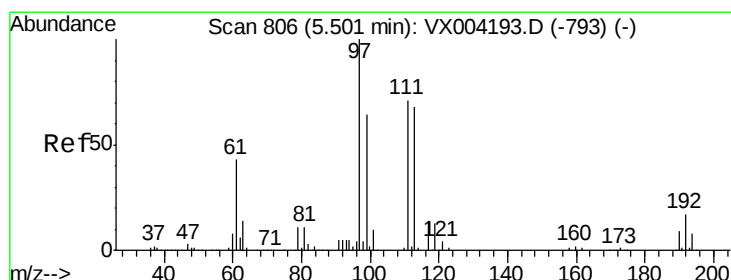
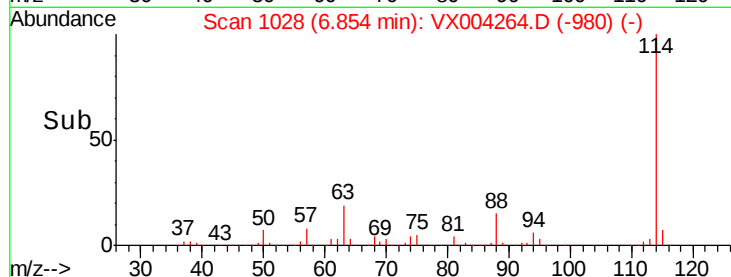
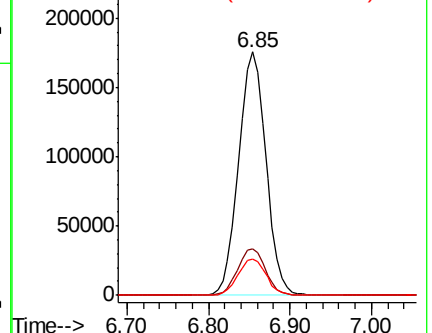
88 15.1 0.0 30.4



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: 48.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

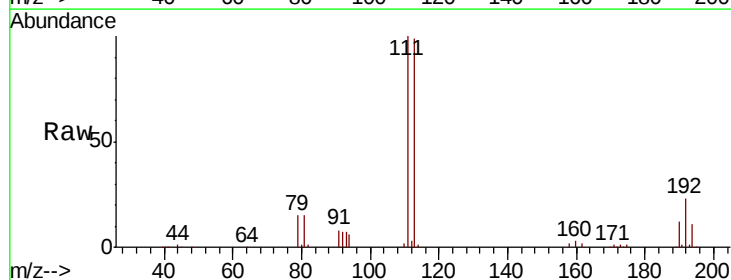
Tgt Ion:113 Resp: 146164

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

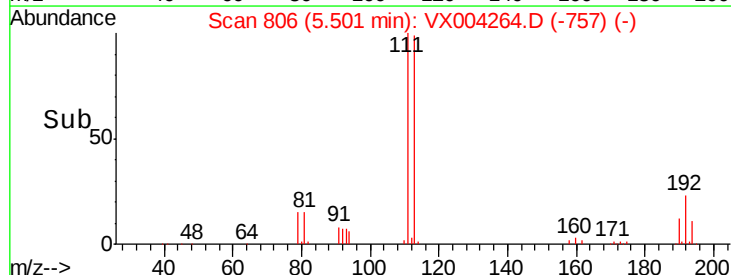
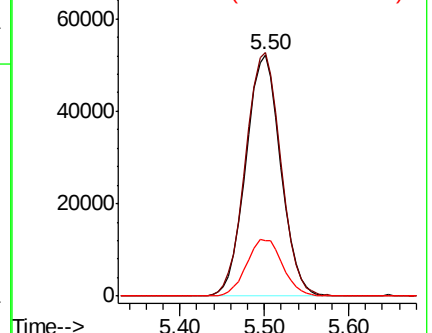
192 24.2 19.4 29.2

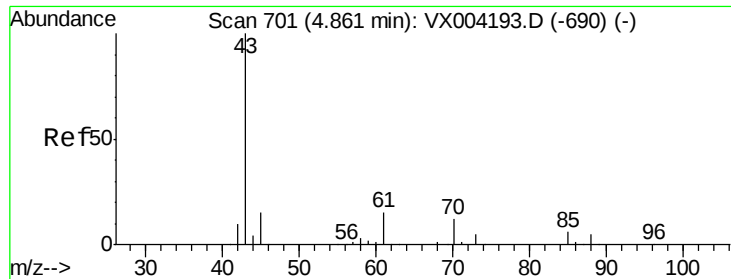


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

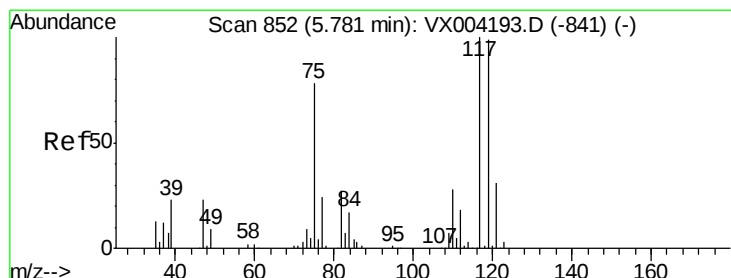
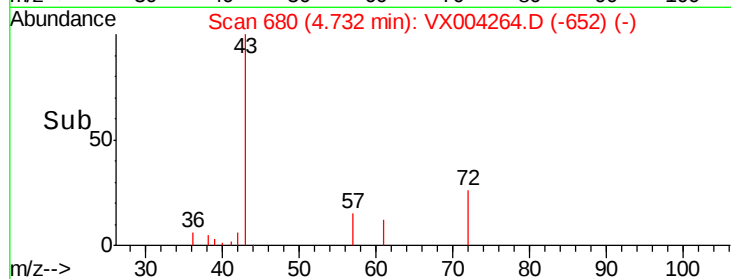
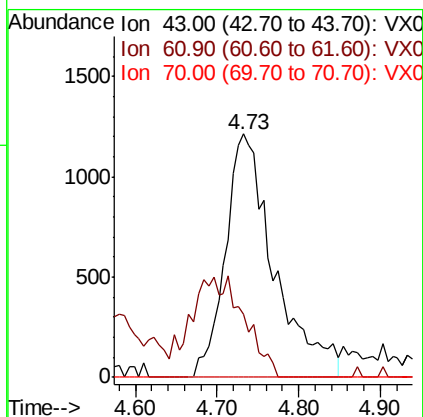
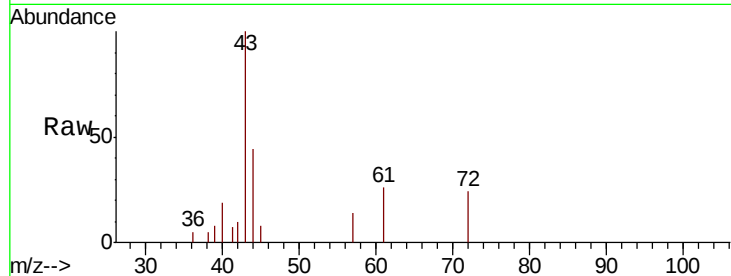




#37
Ethyl Acetate
Concen: 1.12 ug/l
RT: 4.73 min Scan# 680
Delta R.T. -0.13 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

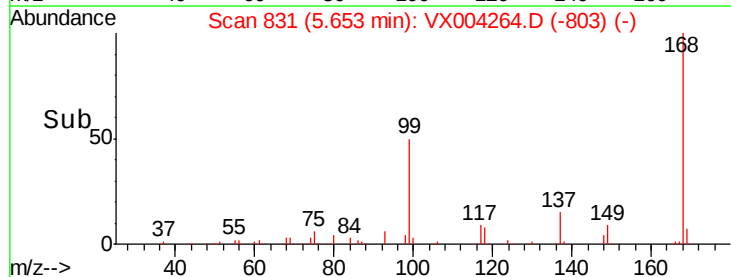
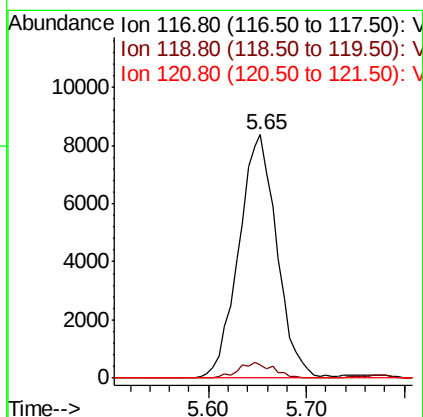
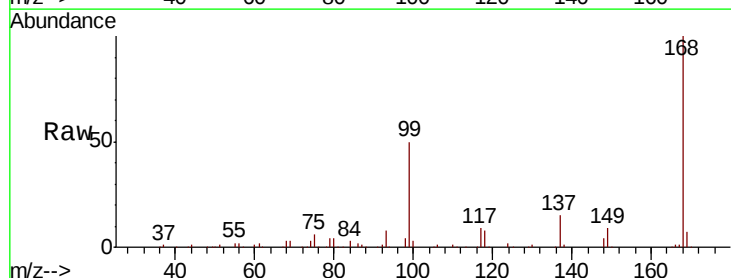
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

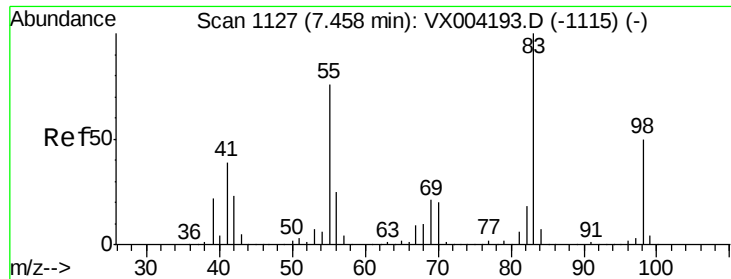
Tot Ion: 43 Resp: 5041
Ion Ratio Lower Upper
43 100
61 45.1 11.5 17.3#
70 0.0 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.65 min Scan# 831
Delta R.T. -0.13 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 117 Resp: 22646
Ion Ratio Lower Upper
117 100
119 5.6 78.8 118.2#
121 0.0 24.9 37.3#

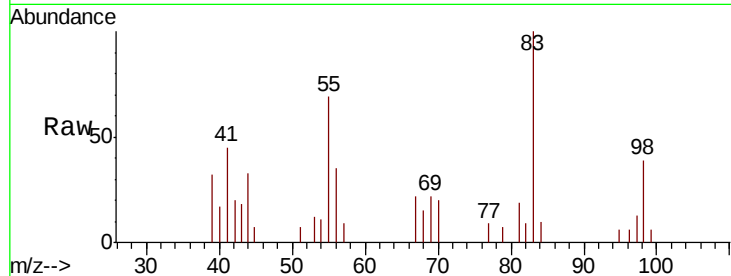




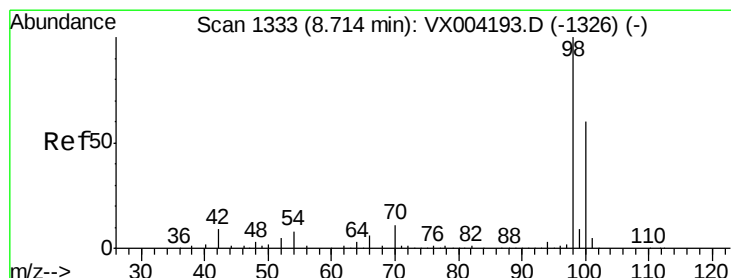
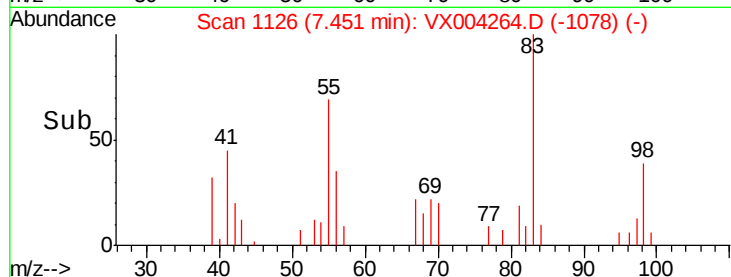
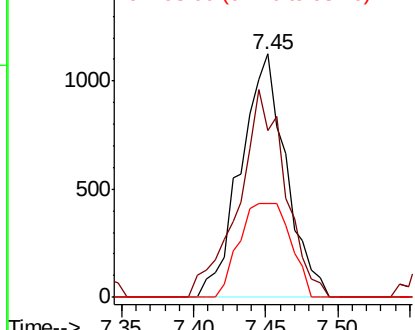
#39
Methvlcvclohexane
Concen: 0.47 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

Tot Ion: 83 Resp: 2463
Ion Ratio Lower Upper
83 100
55 68.7 61.0 91.4
98 38.7 39.6 59.4#

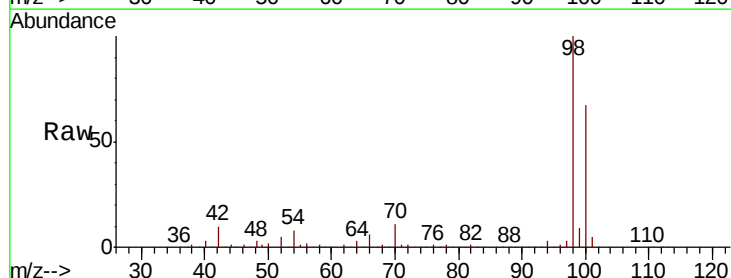


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

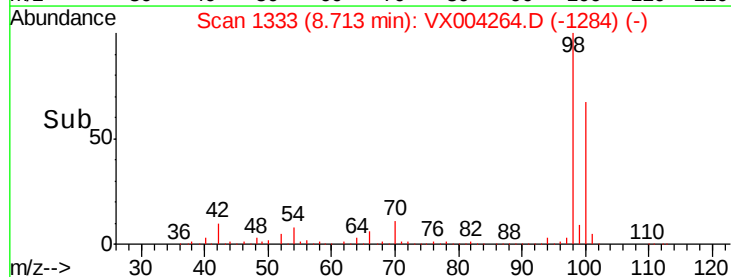
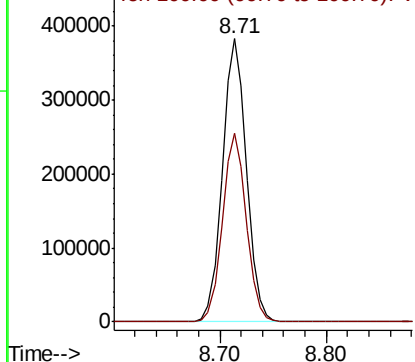


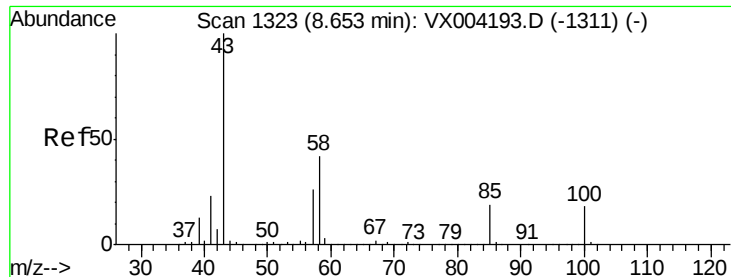
#50
Toluene-d8
Concen: 52.68 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 98 Resp: 601069
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.01 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

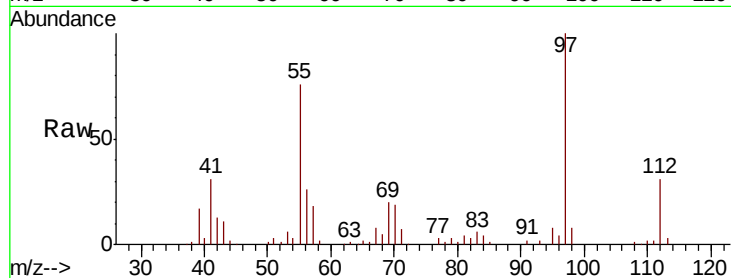
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

Tot Ion: 43 Resp: 5068

Ion Ratio Lower Upper

43 100

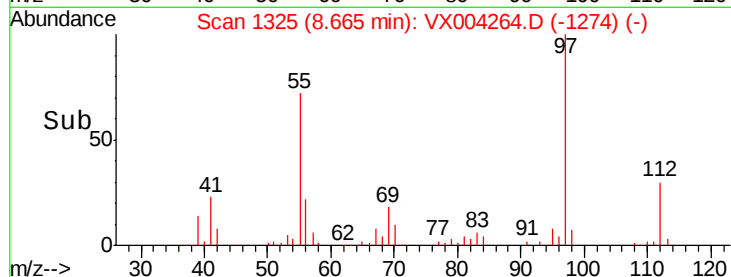
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX004193.D (-1311) (-)

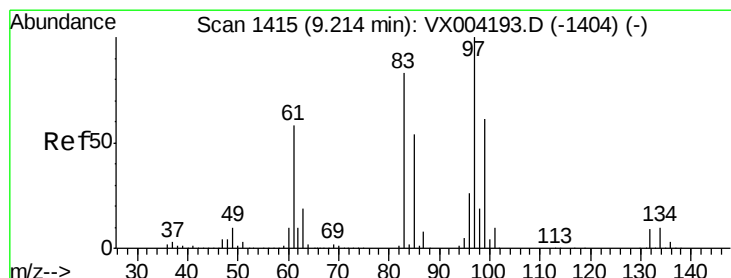
Ion 58.00 (57.70 to 58.70): VX004193.D (-1311) (-)

Time-->



Abundance

Time-->



#55

1,1,2-Trichloroethane

Concen: 12.69 ug/l

RT: 9.16 min Scan# 1406

Delta R.T. -0.06 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Tgt Ion: 97 Resp: 43757

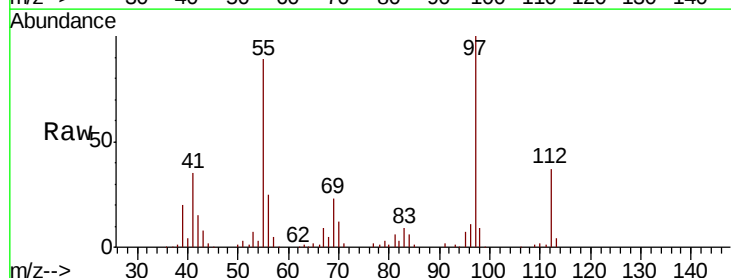
Ion Ratio Lower Upper

97 100

83 8.7 66.4 99.6#

85 0.7 43.3 64.9#

99 0.4 49.0 73.4#



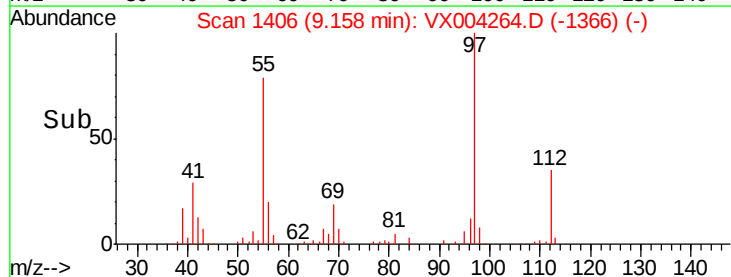
Abundance Ion 96.90 (96.60 to 97.60): VX004193.D (-1404) (-)

Ion 82.90 (82.60 to 83.60): VX004193.D (-1404) (-)

Ion 84.90 (84.60 to 85.60): VX004193.D (-1404) (-)

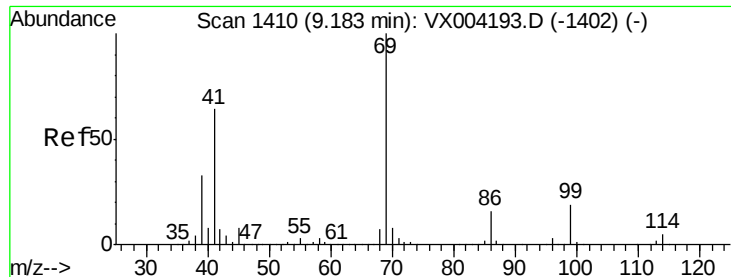
Ion 98.90 (98.60 to 99.60): VX004193.D (-1404) (-)

Time-->



Abundance

Time-->



#56

Ethyl methacrylate

Concen: 2.11 ug/l

RT: 9.16 min Scan# 1406

Delta R.T. -0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampled :

EP1-D7-GRAB

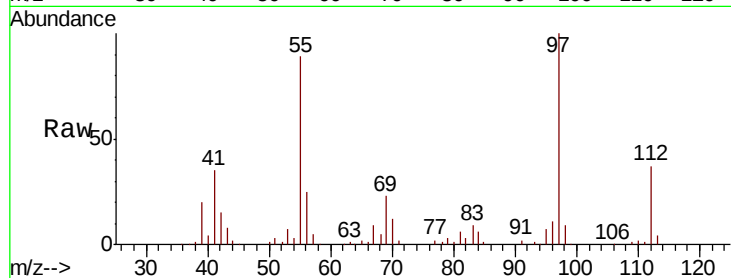
Tot Ion: 69 Resp: 9886

Ion Ratio Lower Upper

69 100

41 147.1 51.0 76.4#

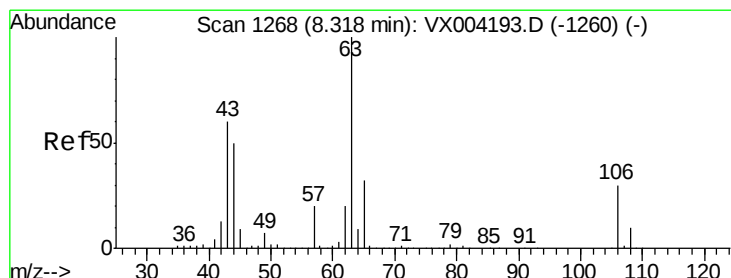
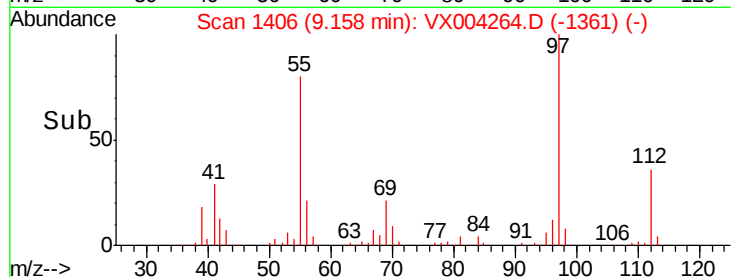
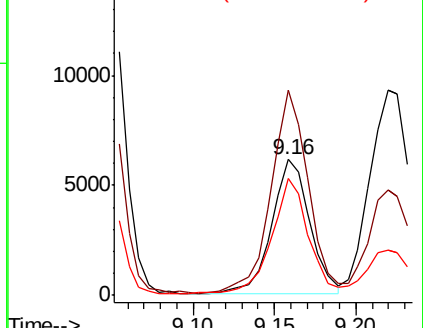
39 81.7 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.20 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004264.D

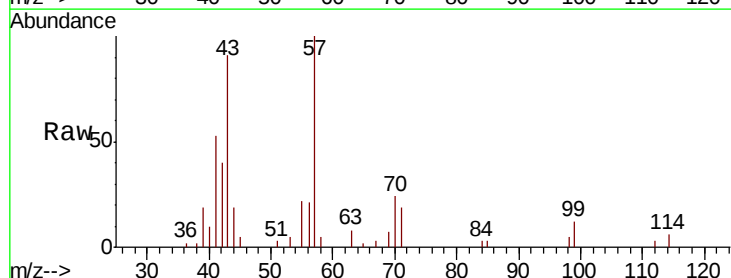
Acq: 27 Aug 2018 16:17

Tgt Ion: 63 Resp: 490

Ion Ratio Lower Upper

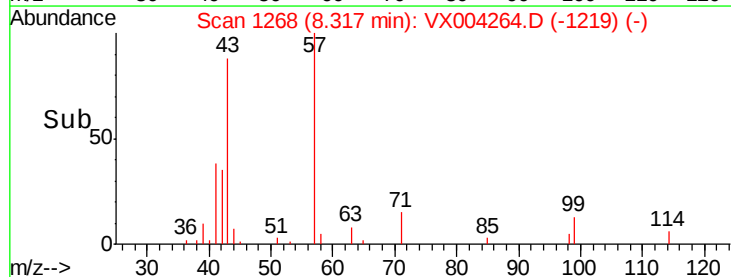
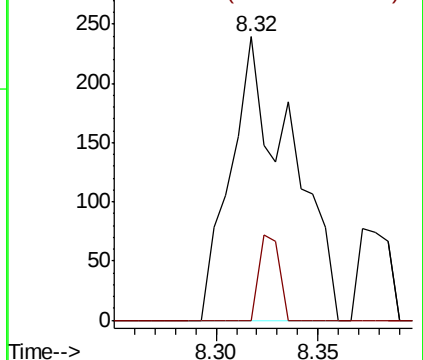
63 100

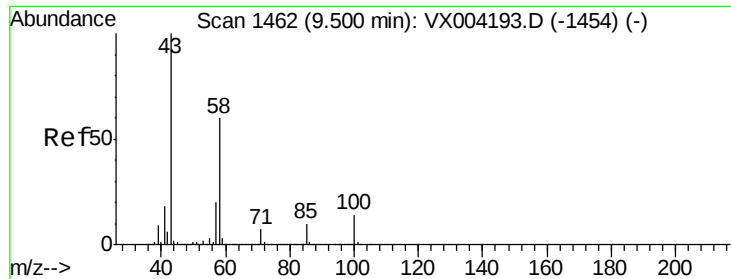
106 10.4 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

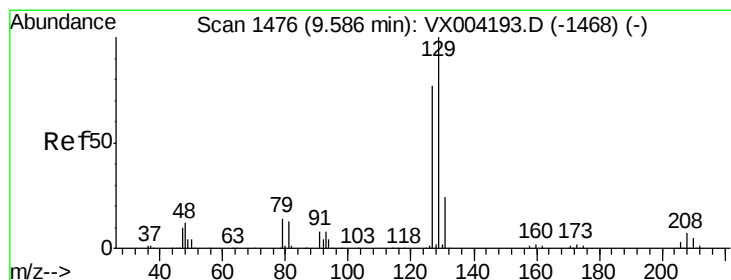
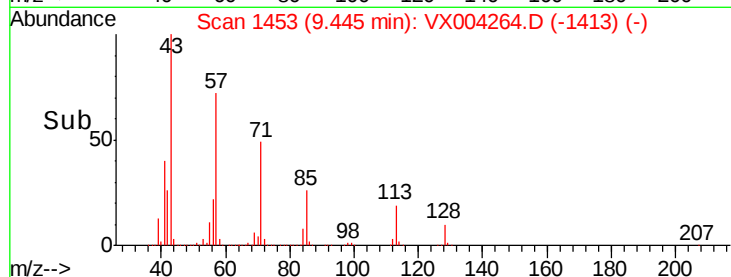
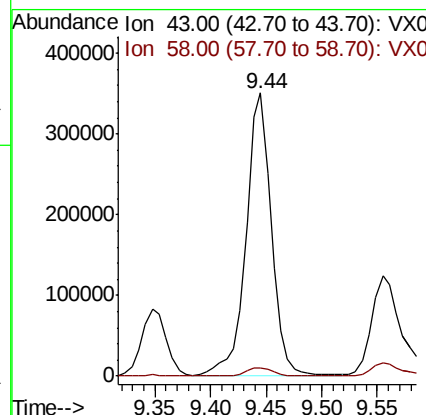
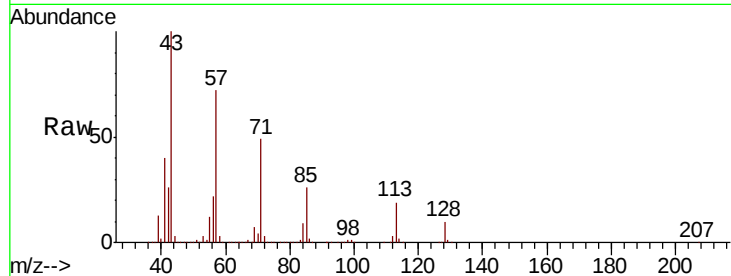




#59
2-Hexanone
Concen: 143.46 ug/l
RT: 9.44 min Scan# 1453
Delta R.T. -0.06 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

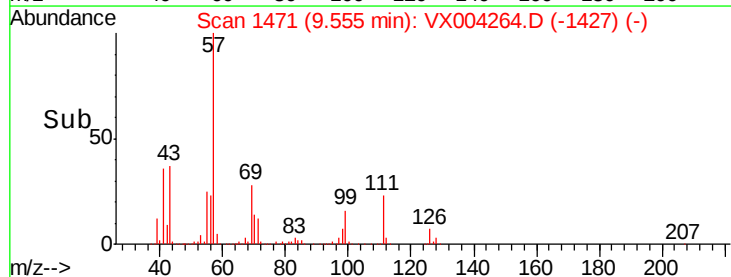
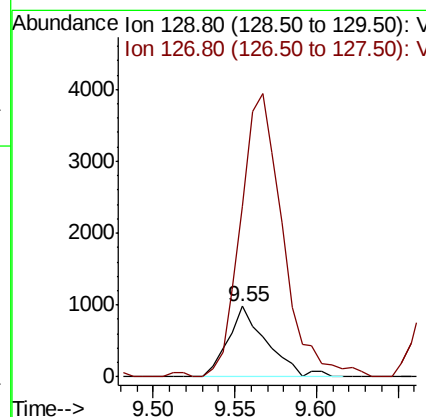
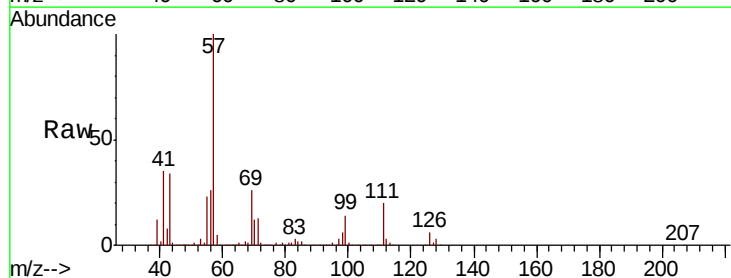
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

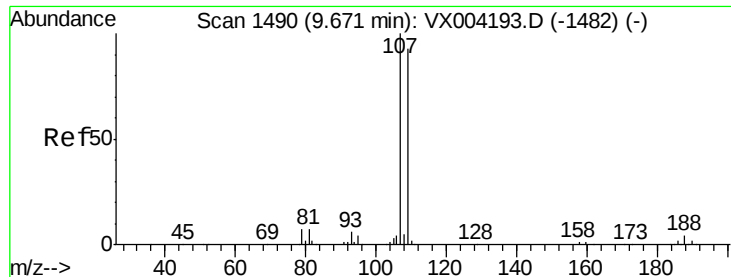
Tot Ion: 43 Resp: 548903
Ion Ratio Lower Upper
43 100
58 3.3 29.0 87.0#



#60
Dibromochloromethane
Concen: 0.48 ug/l
RT: 9.55 min Scan# 1471
Delta R.T. -0.03 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion:129 Resp: 1614
Ion Ratio Lower Upper
129 100
127 440.8 38.5 115.5#





#61

1,2-Dibromoethane

Concen: 0.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampled :

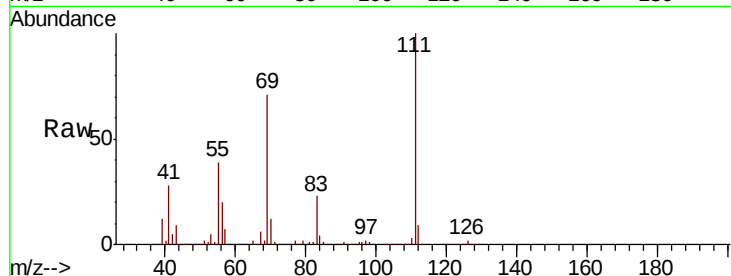
EP1-D7-GRAB

Tot Ion:107 Resp: 1157

Ion Ratio Lower Upper

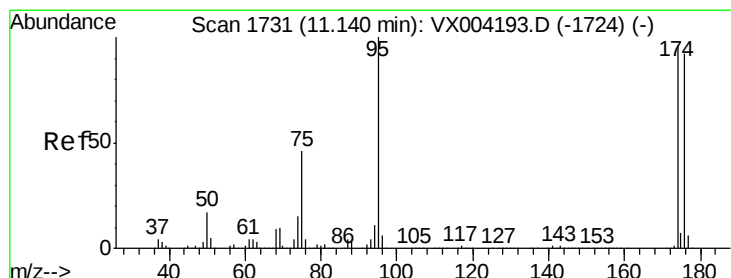
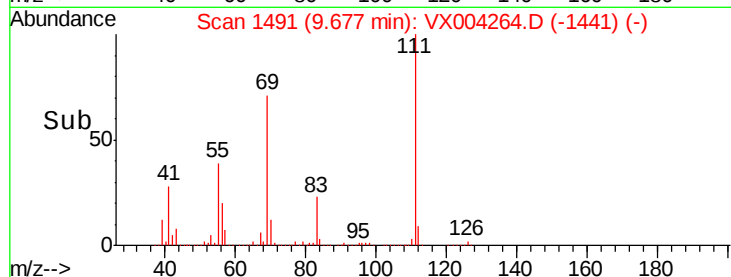
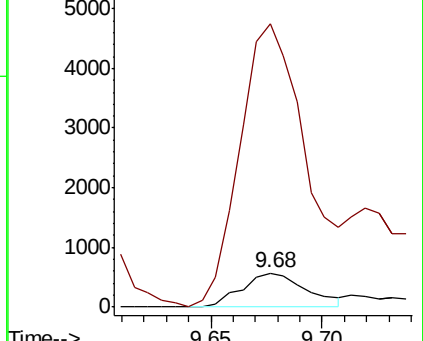
107 100

109 850.3 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: 290.97 ug/l

RT: 11.13 min Scan# 1729

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

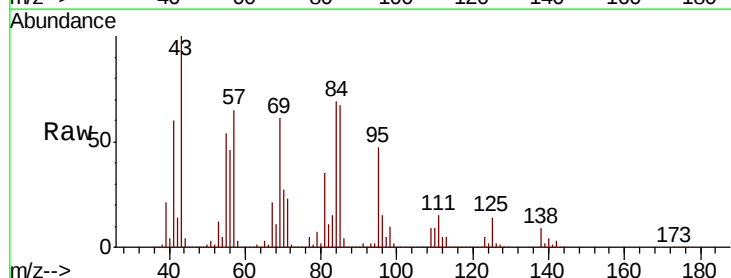
Tgt Ion: 95 Resp: 1238655

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.2

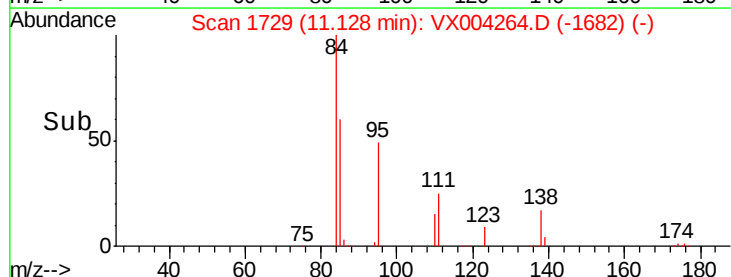
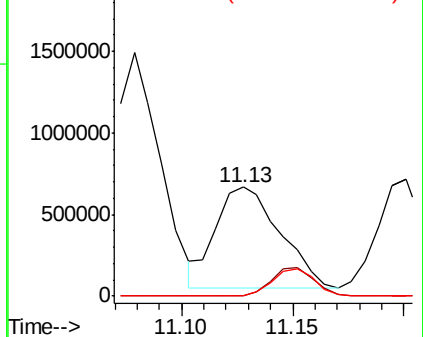
176 0.0 0.0 178.6

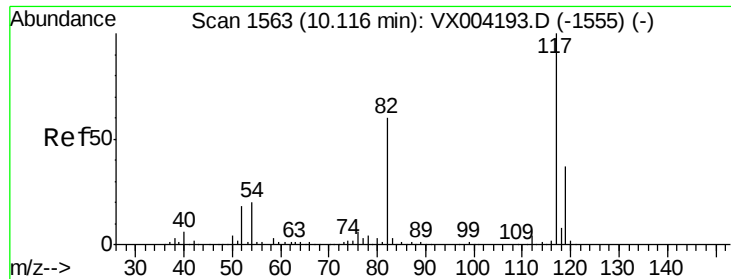


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

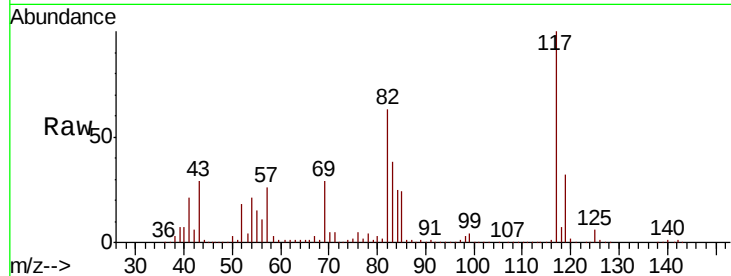




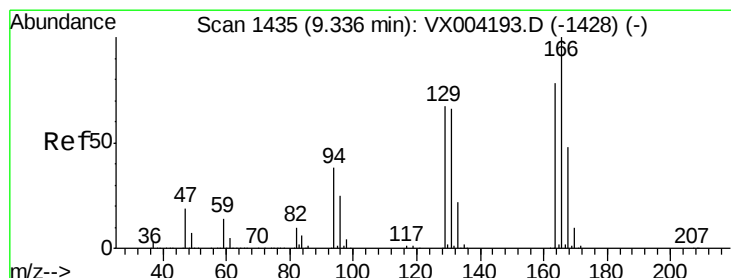
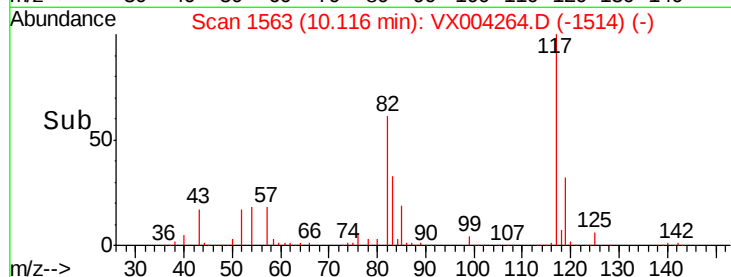
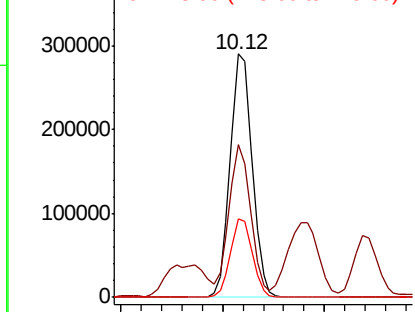
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

Tot Ion:117 Resp: 432118
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.6
119 32.2 29.3 43.9

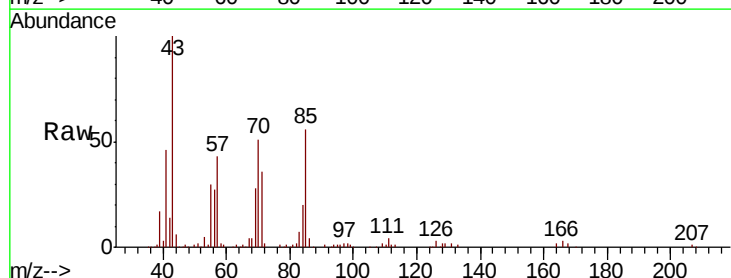


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

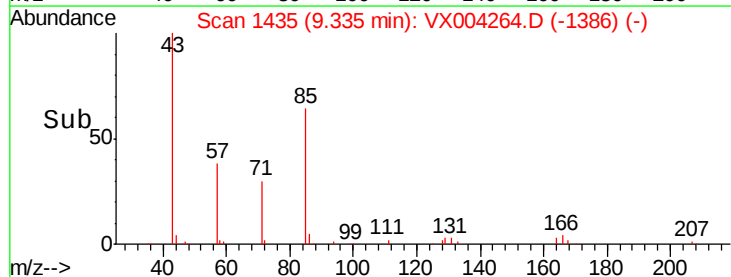
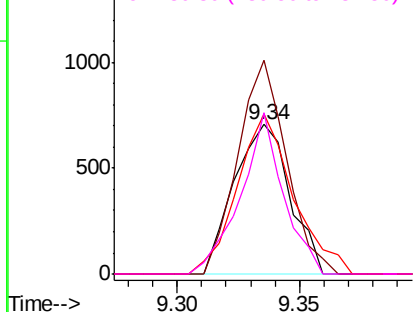


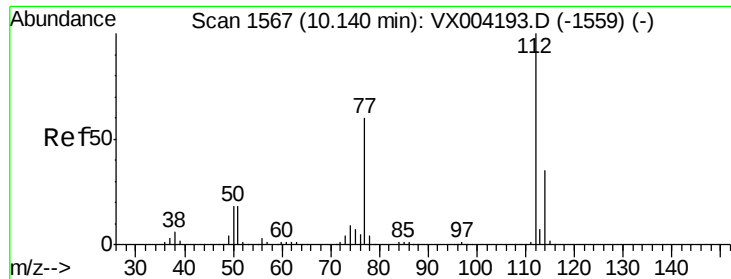
#64
Tetrachloroethene
Concen: 0.26 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion:164 Resp: 1119
Ion Ratio Lower Upper
164 100
166 142.7 102.8 154.2
129 106.9 69.4 104.0#
131 108.1 67.9 101.9#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

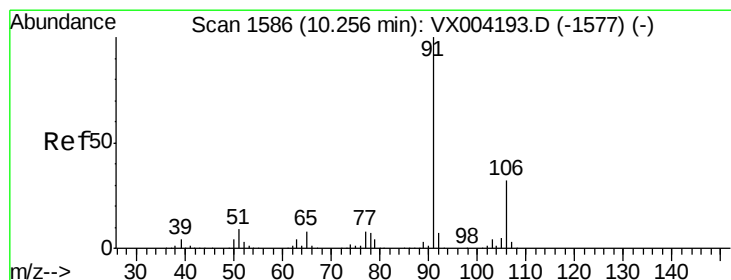
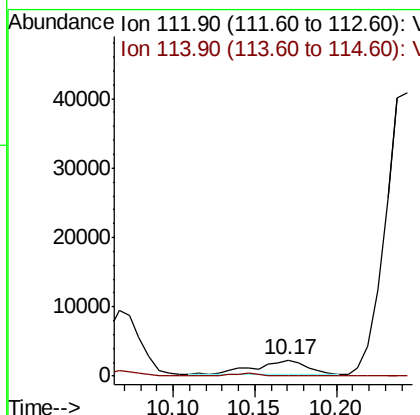
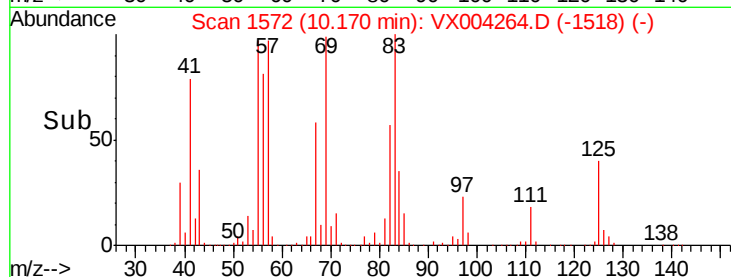
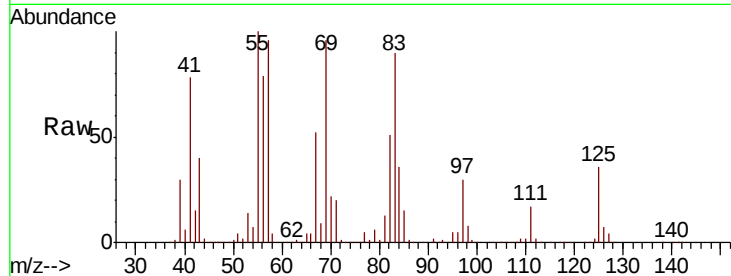




#65
Chlorobenzene
Concen: 0.39 ug/l
RT: 10.17 min Scan# 1572
Delta R.T. 0.03 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

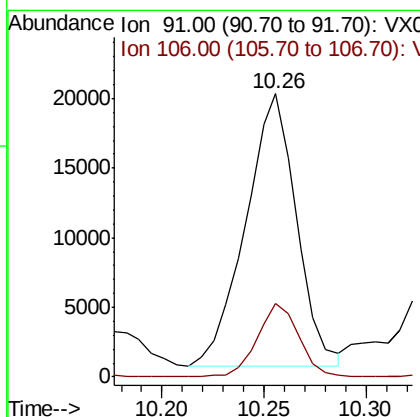
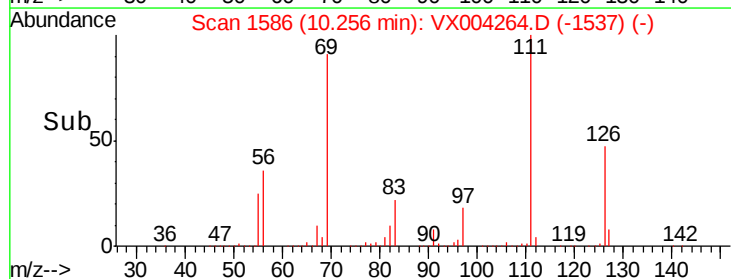
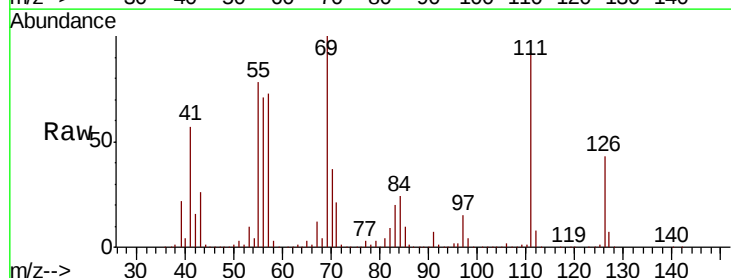
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

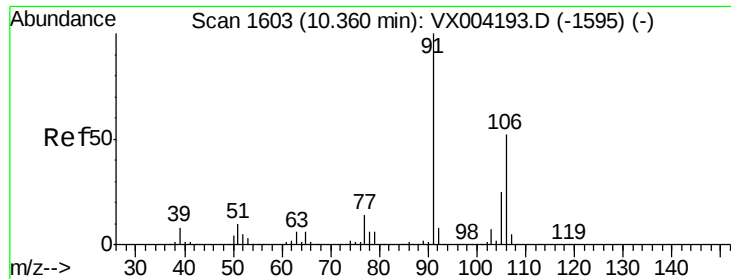
Tot Ion:112 Resp: 4246
Ion Ratio Lower Upper
112 100
114 0.0 27.8 41.8#



#67
Ethyl Benzene
Concen: 1.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 91 Resp: 34059
Ion Ratio Lower Upper
91 100
106 26.9 25.9 38.9

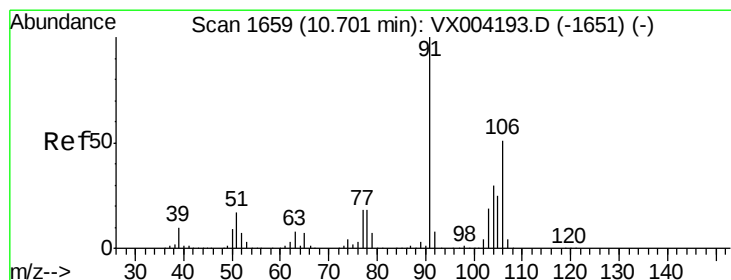
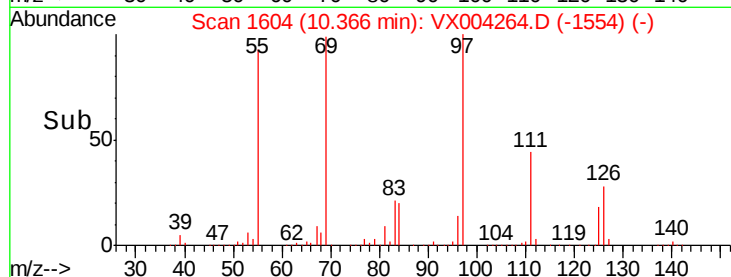
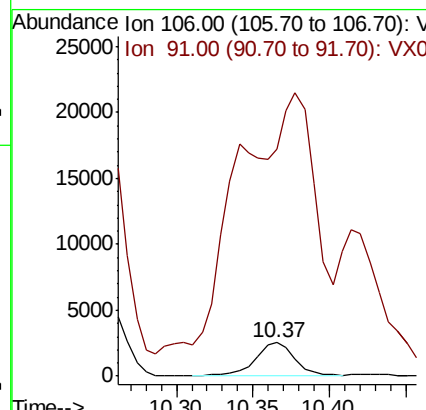
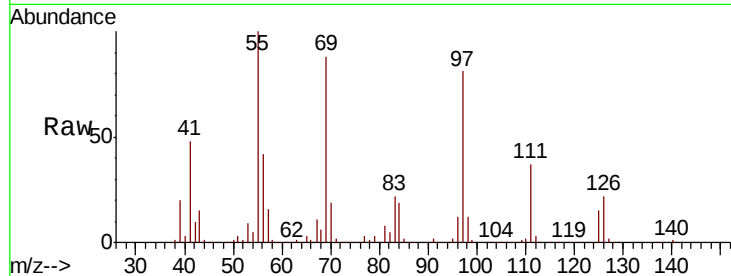




#68
m/p-Xylenes
Concen: 0.68 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

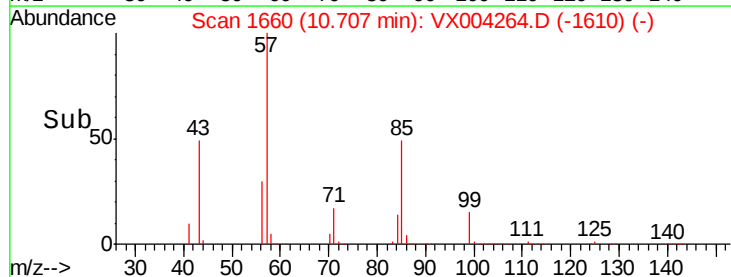
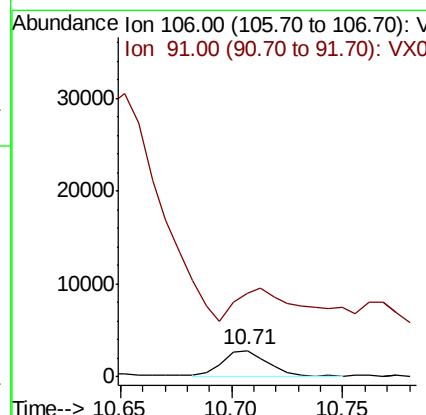
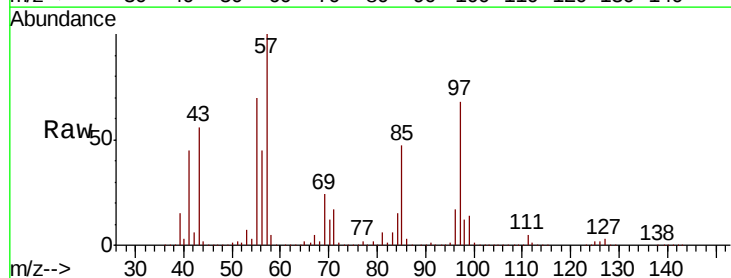
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

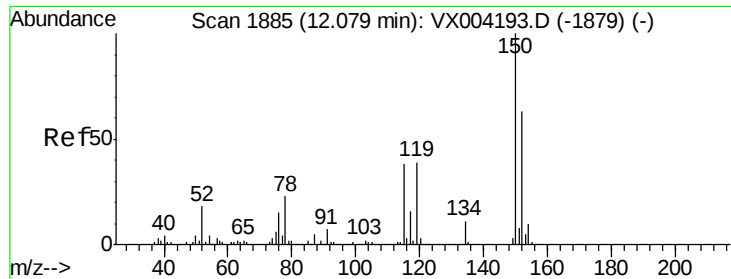
Tot Ion:106 Resp: 4654
Ion Ratio Lower Upper
106 100
91 686.8 157.1 235.7#



#69
o-Xylene
Concen: 0.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion:106 Resp: 3777
Ion Ratio Lower Upper
106 100
91 216.5 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

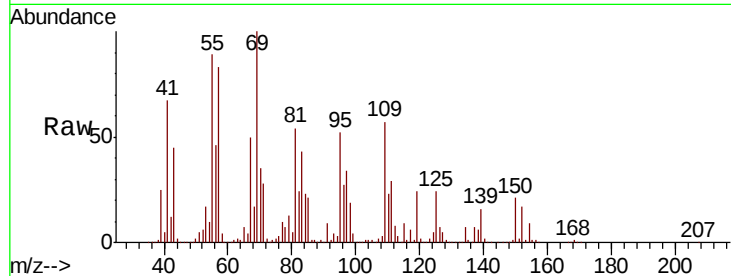
Tot Ion:152 Resp: 587813

Ion Ratio Lower Upper

152 100

115 38.3 39.0 117.0#

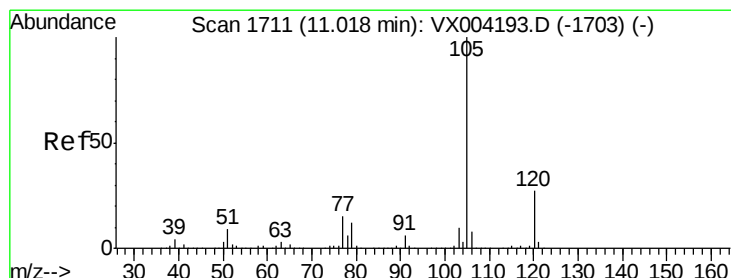
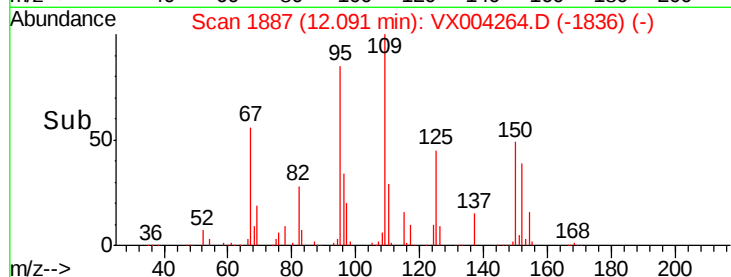
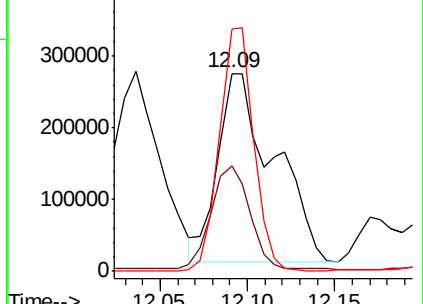
150 78.3 0.0 351.0



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: 29.80 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX004264.D

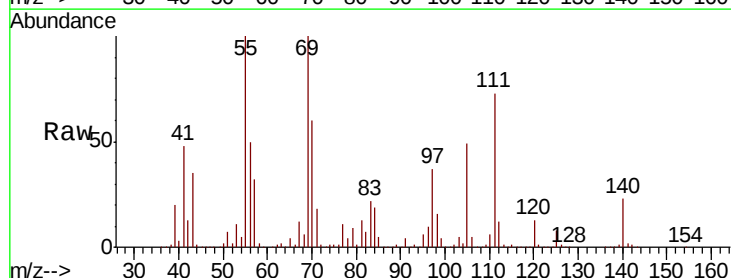
Acq: 27 Aug 2018 16:17

Tgt Ion:105 Resp: 1150465

Ion Ratio Lower Upper

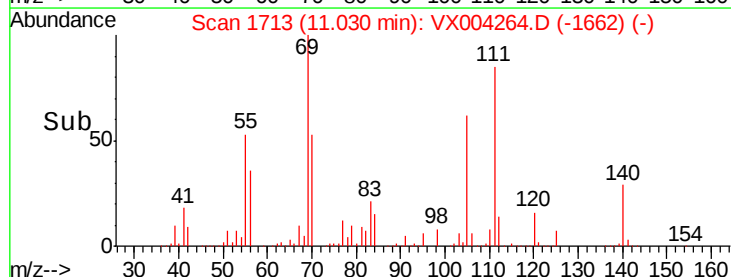
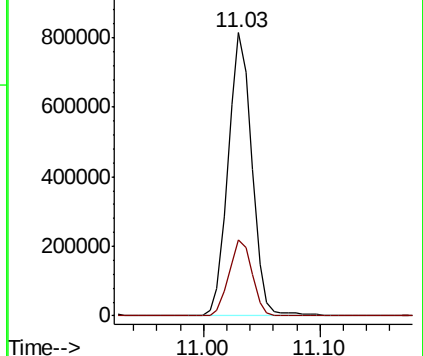
105 100

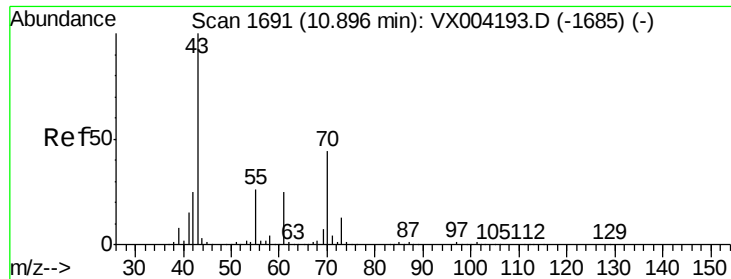
120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 310.72 ug/l

RT: 10.93 min Scan# 1696

Delta R.T. 0.03 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

Tot Ion: 43 Resp: 4618767

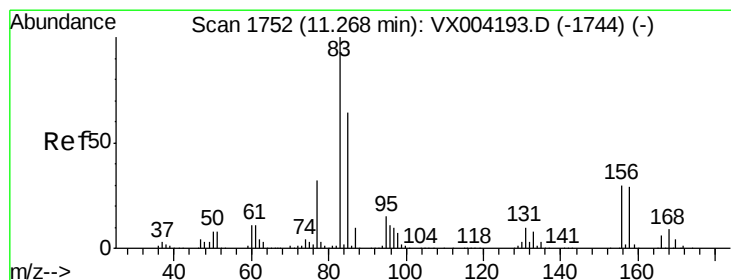
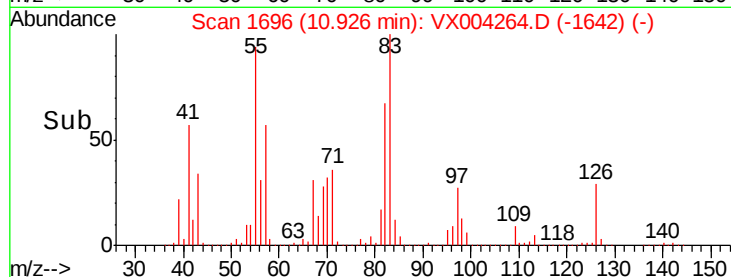
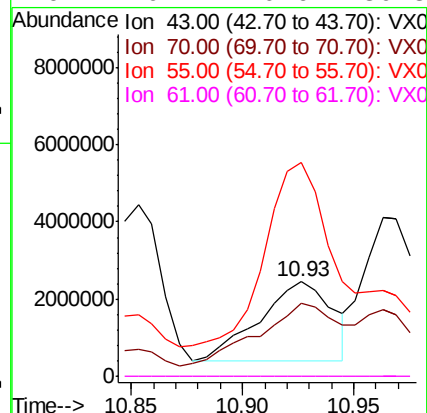
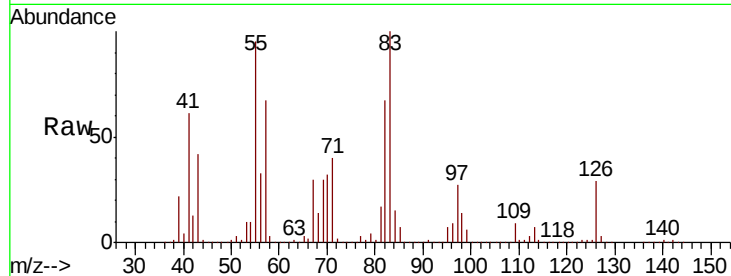
Ion Ratio Lower Upper

43 100

70 83.1 37.4 56.0#

55 262.7 21.8 32.8#

61 0.1 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 446.64 ug/l

RT: 11.29 min Scan# 1756

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

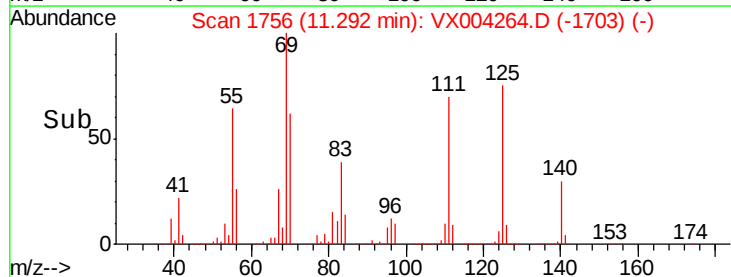
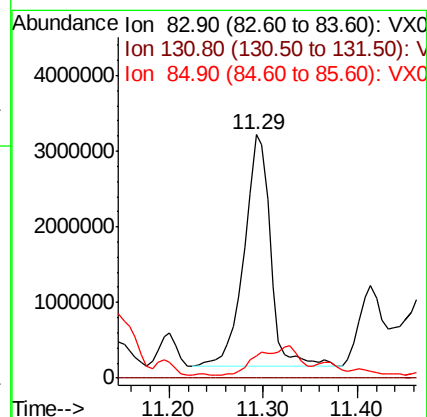
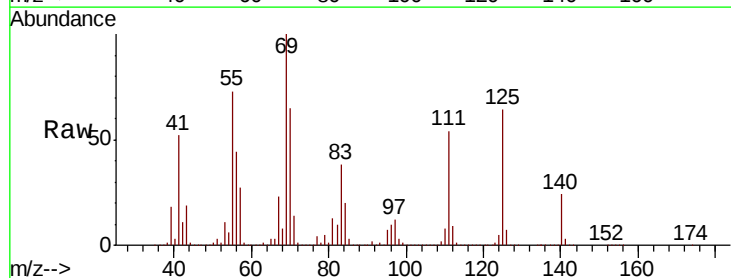
Tgt Ion: 83 Resp: 6034268

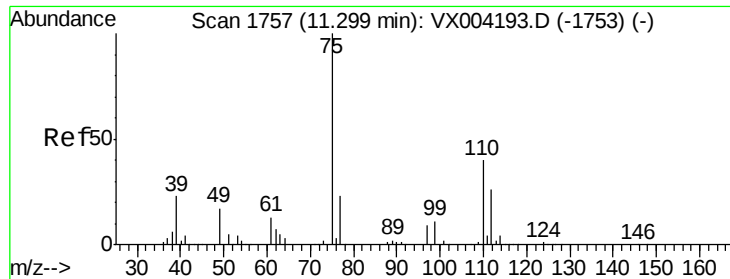
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#

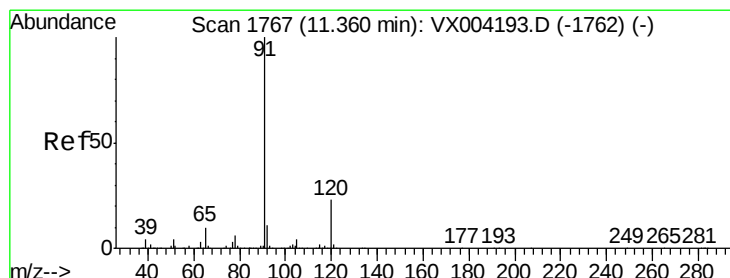
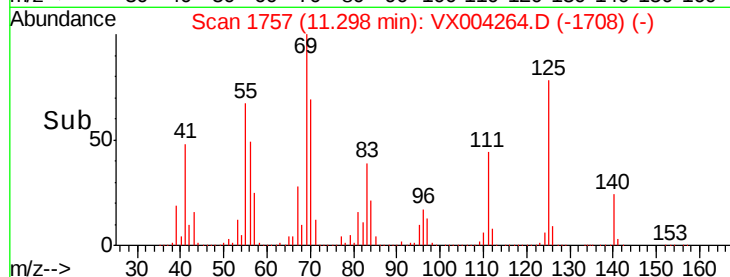
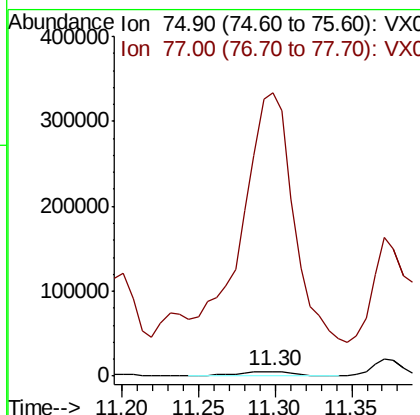
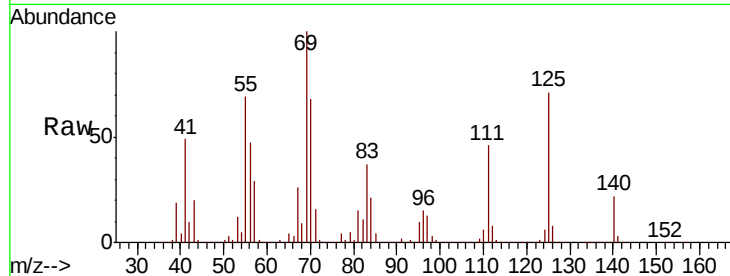




#76
 1,2,3-Trichloropropane
 Concen: 0.89 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004264.D
 Acq: 27 Aug 2018 16:17

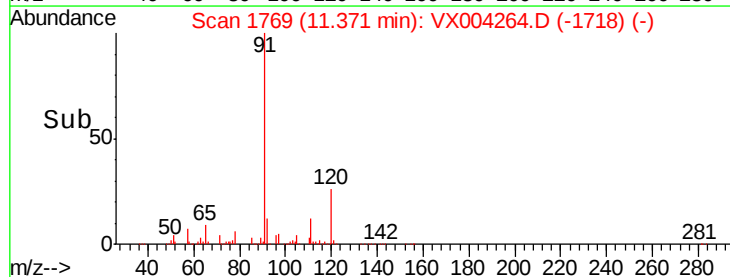
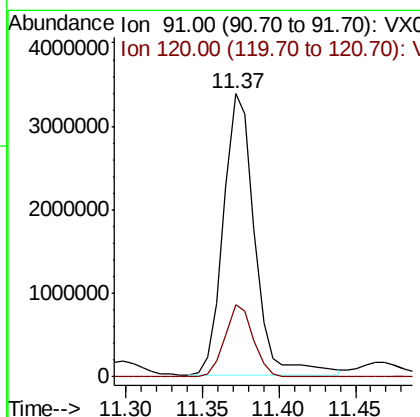
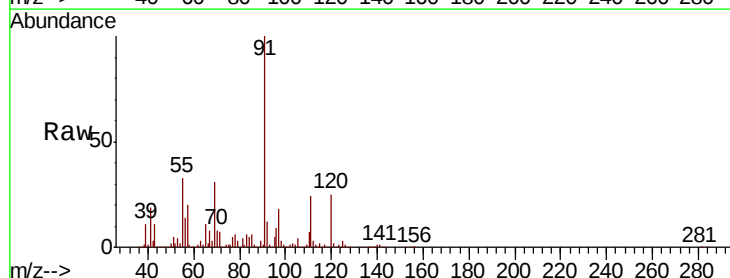
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRAB

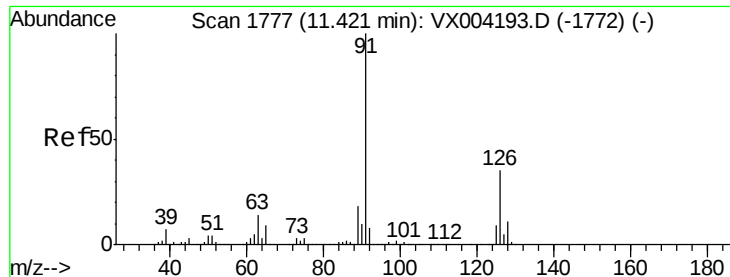
Tot Ion: 75 Resp: 10684
 Ion Ratio Lower Upper
 75 100
 77 6738.8 20.2 60.6#



#78
 n-propylbenzene
 Concen: 107.91 ug/l
 RT: 11.37 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: VX004264.D
 Acq: 27 Aug 2018 16:17

Tgt Ion: 91 Resp: 4791670
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 6.35 ug/l

RT: 11.46 min Scan# 1784

Delta R.T. 0.04 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampled :

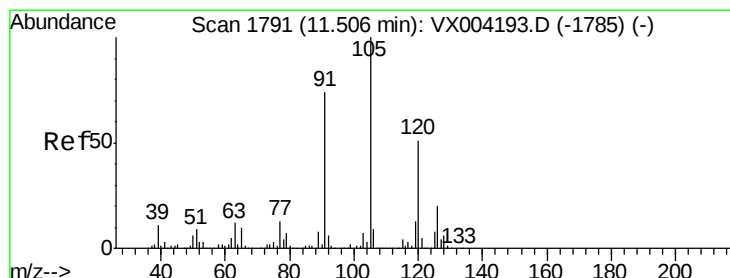
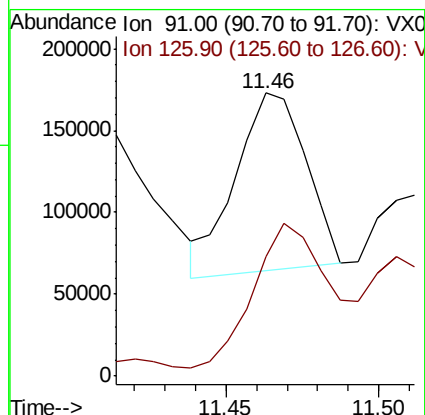
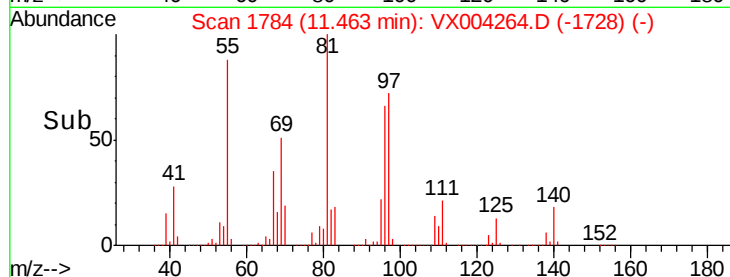
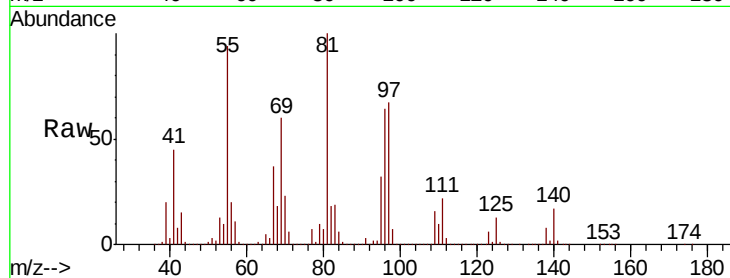
EP1-D7-GRAB

Tot Ion: 91 Resp: 173570

Ion Ratio Lower Upper

91 100

126 91.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 11.52 min Scan# 1794

Delta R.T. 0.02 min

Lab File: VX004264.D

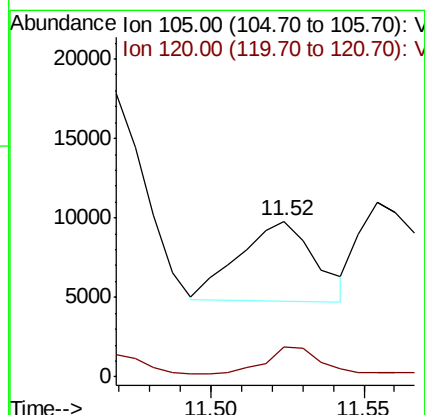
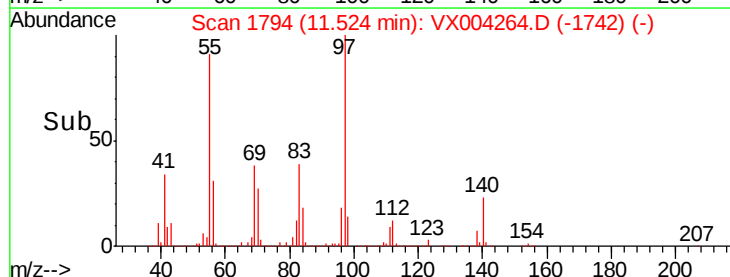
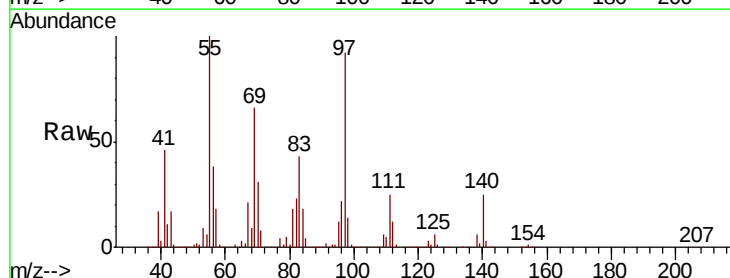
Acq: 27 Aug 2018 16:17

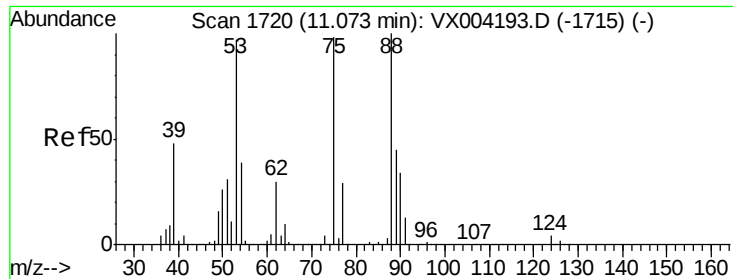
Tgt Ion:105 Resp: 8677

Ion Ratio Lower Upper

105 100

120 0.0 25.6 76.8#

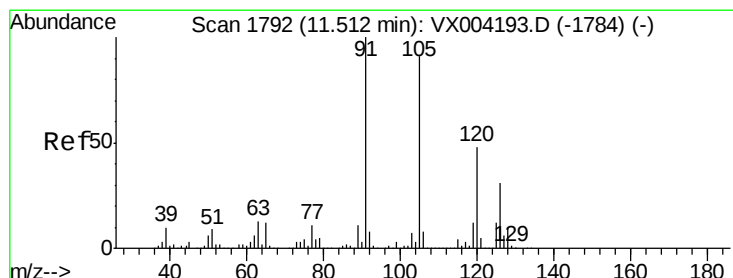
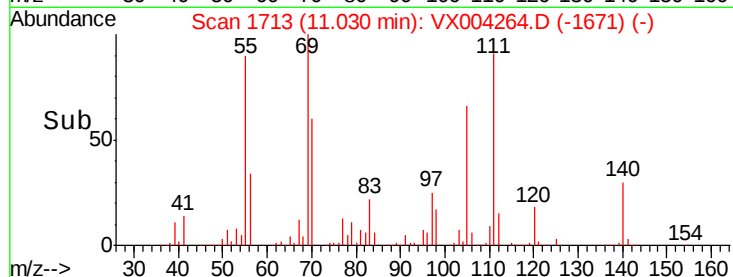
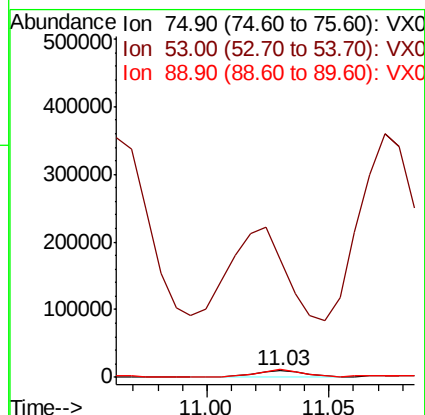
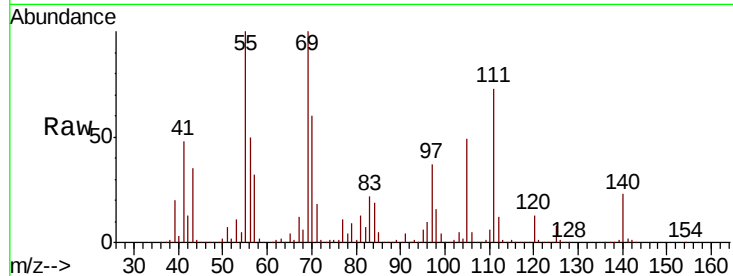




#81
trans-1,4-Dichloro-2-butene
Concen: 3.59 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. -0.04 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

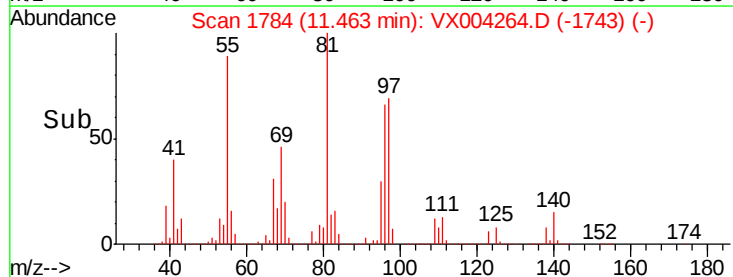
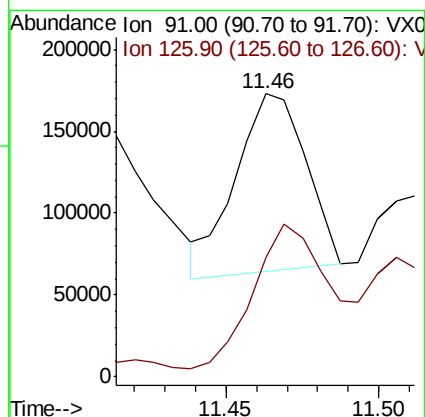
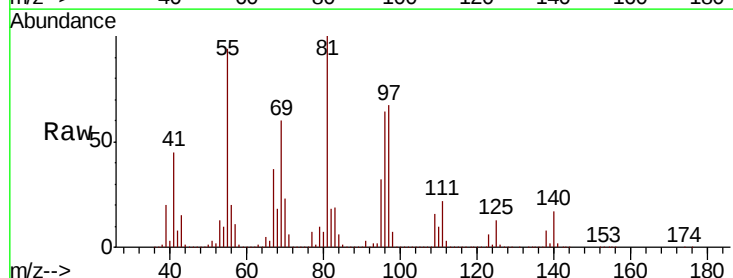
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

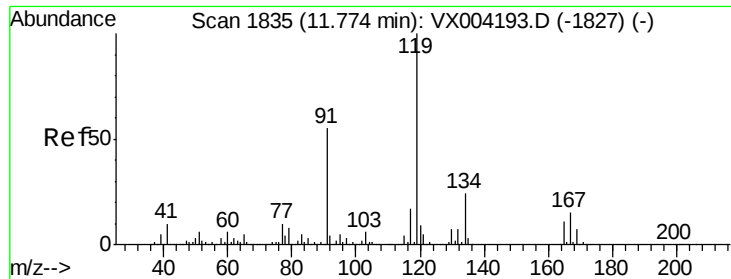
Tot Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
53 1953.0 80.1 120.1#
89 105.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 5.40 ug/l
RT: 11.46 min Scan# 1784
Delta R.T. -0.05 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion: 91 Resp: 173570
Ion Ratio Lower Upper
91 100
126 91.0 15.5 46.5#

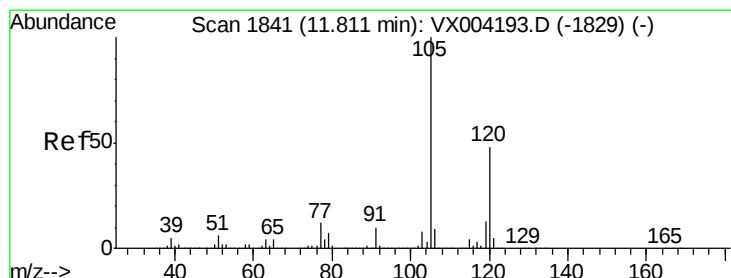
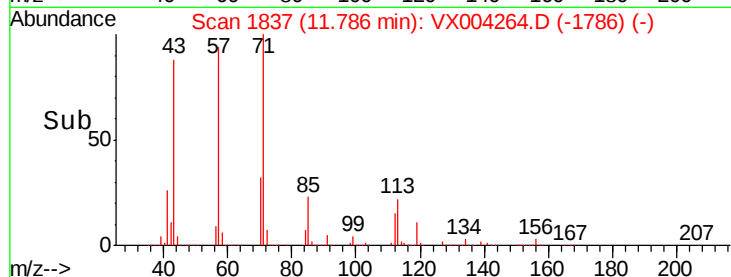
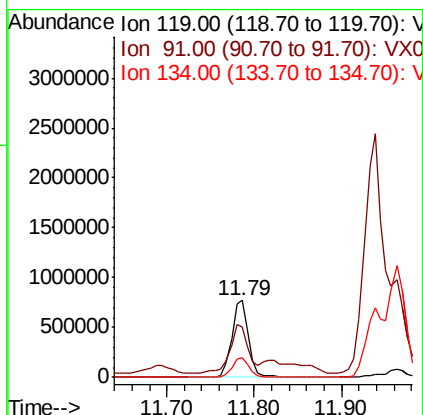
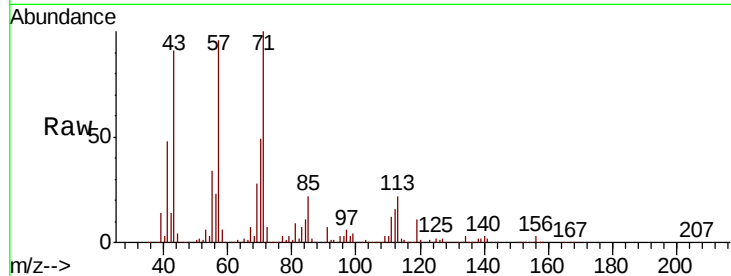




#83
tert-Butylbenzene
Concen: 31.84 ug/l
RT: 11.79 min Scan# 1837
Delta R.T. 0.01 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

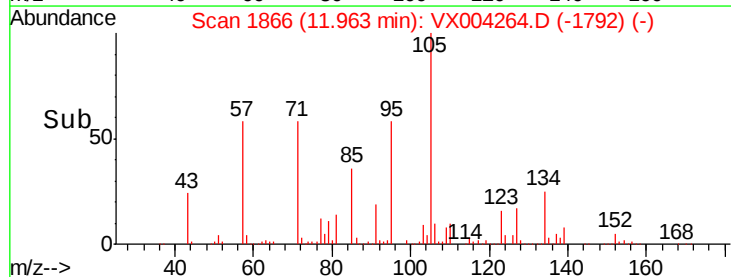
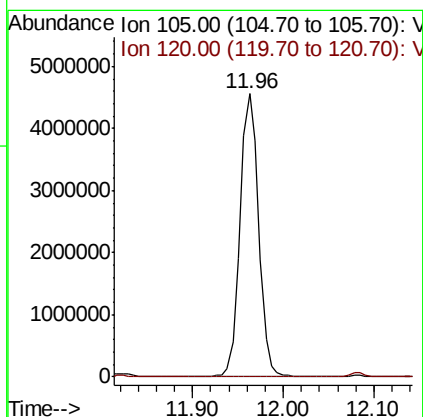
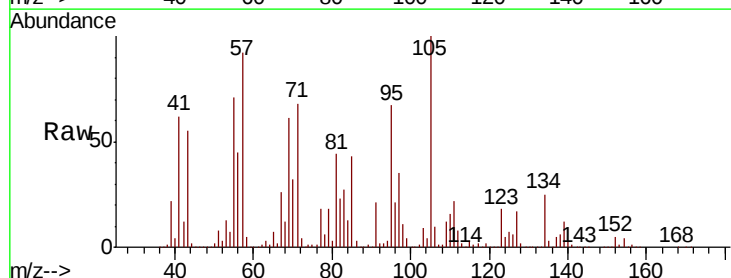
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRAB

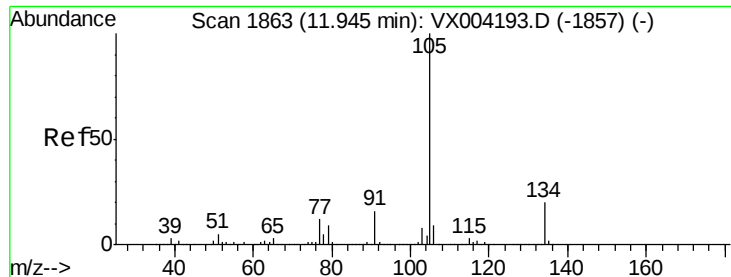
Tot Ion:119 Resp: 1024292
Ion Ratio Lower Upper
119 100
91 70.3 27.0 81.0
134 25.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 197.40 ug/l
RT: 11.96 min Scan# 1866
Delta R.T. 0.15 min
Lab File: VX004264.D
Acq: 27 Aug 2018 16:17

Tgt Ion:105 Resp: 6478272
Ion Ratio Lower Upper
105 100
120 0.2 23.2 69.6#

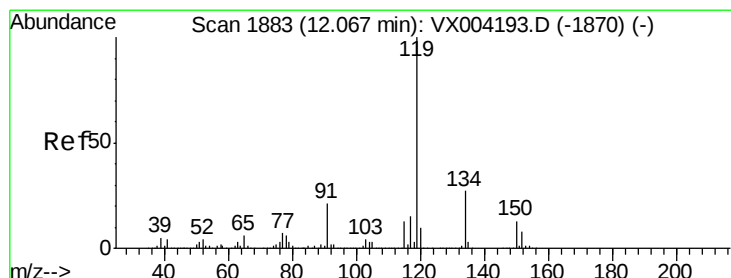
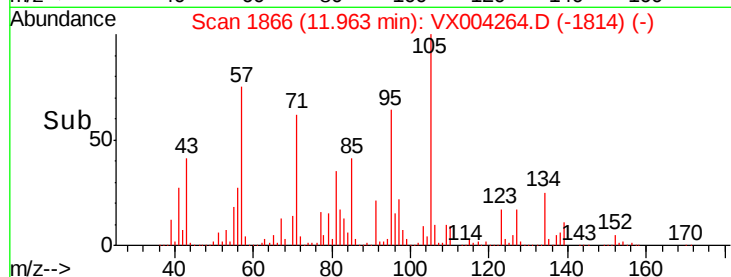
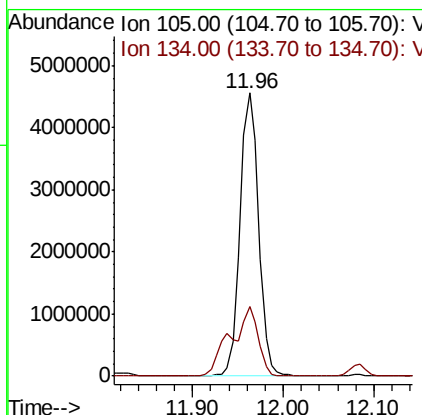
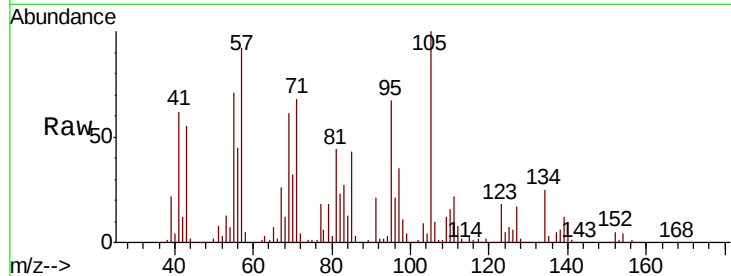




#85
 sec-Butylbenzene
 Concen: 169.63 ug/l
 RT: 11.96 min Scan# 1866
 Delta R.T. 0.02 min
 Lab File: VX004264.D
 Acq: 27 Aug 2018 16:17

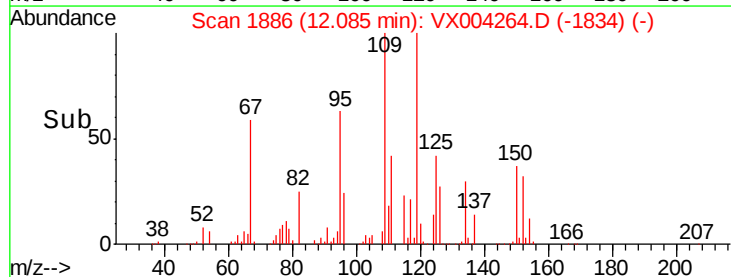
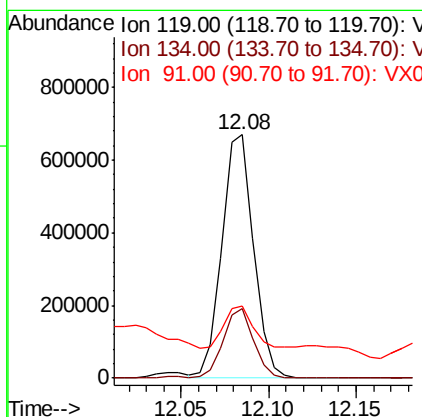
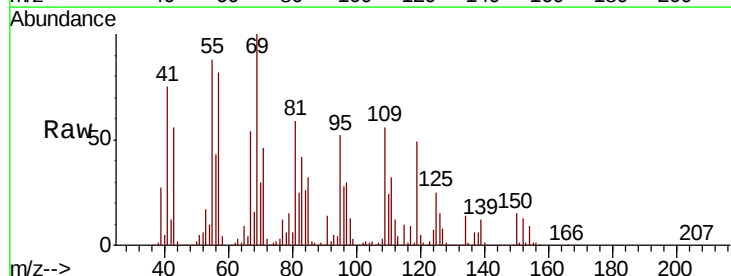
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRAB

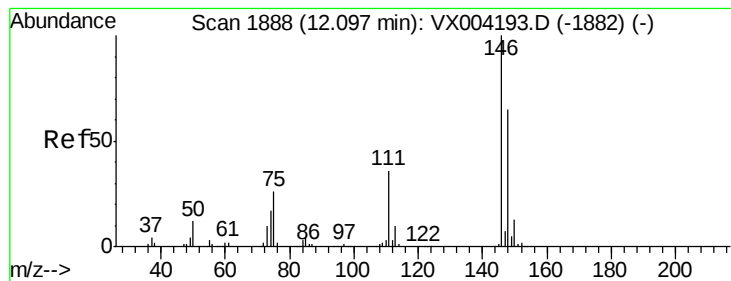
Tot Ion:105 Resp: 6478272
 Ion Ratio Lower Upper
 105 100
 134 36.4 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 24.57 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. 0.02 min
 Lab File: VX004264.D
 Acq: 27 Aug 2018 16:17

Tgt Ion:119 Resp: 841065
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 17.6 10.9 32.7





#88

1,4-Dichlorobenzene

Concen: 0.31 ug/l

RT: 12.12 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

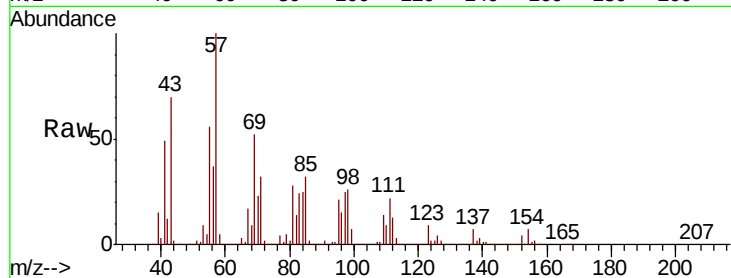
Tot Ion:146 Resp: 6705

Ion Ratio Lower Upper

146 100

111 17912.5 18.1 54.1#

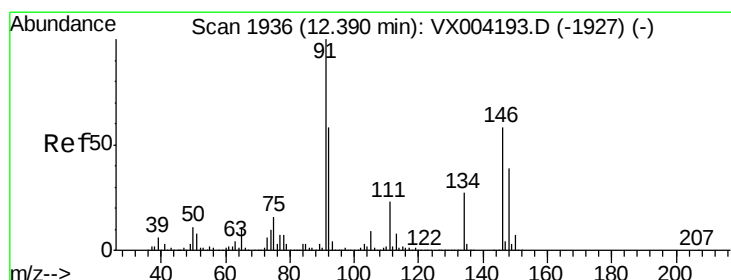
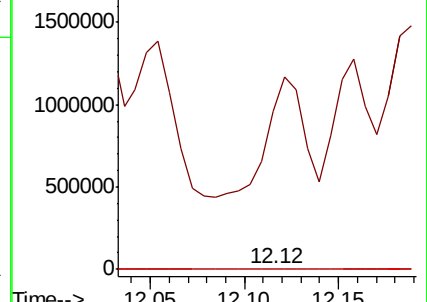
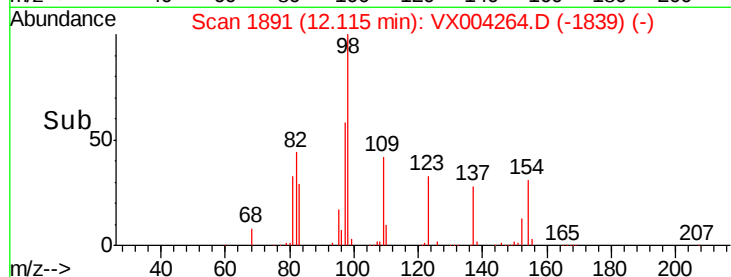
148 79.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 328.91 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

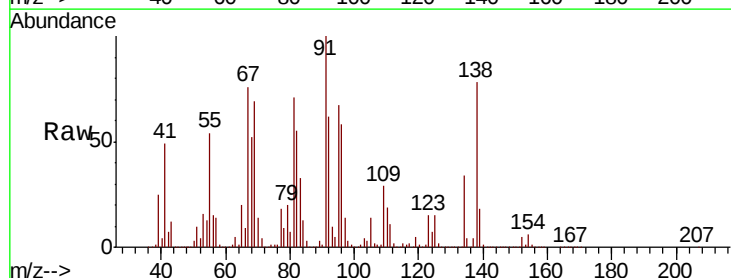
Tgt Ion: 91 Resp: 9153837

Ion Ratio Lower Upper

91 100

92 52.6 27.3 81.9

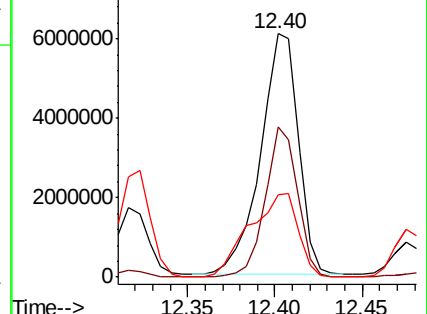
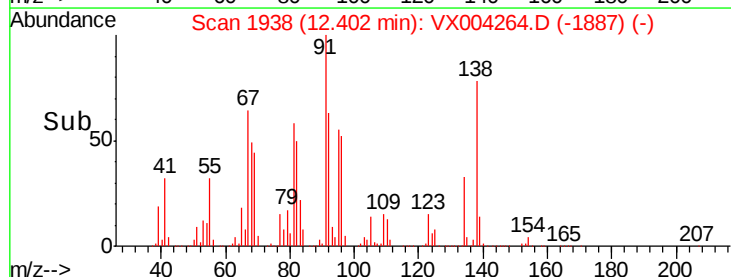
134 44.5 13.6 40.7#

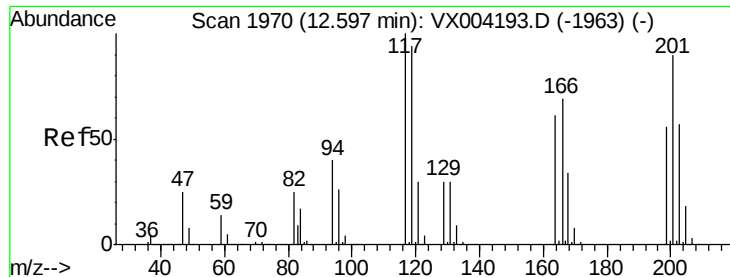


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 531.04 ug/l

RT: 12.69 min Scan# 1985

Delta R.T. 0.09 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

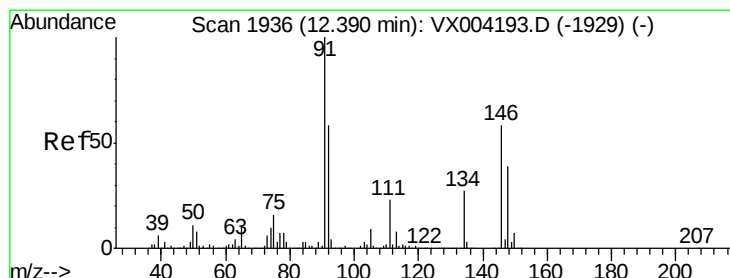
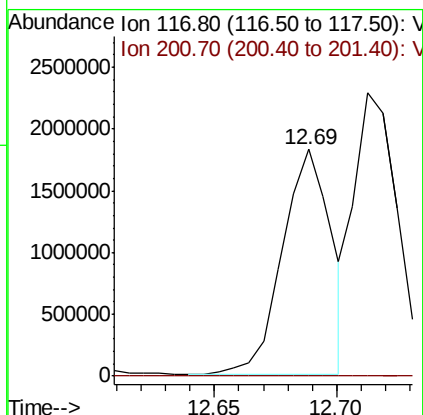
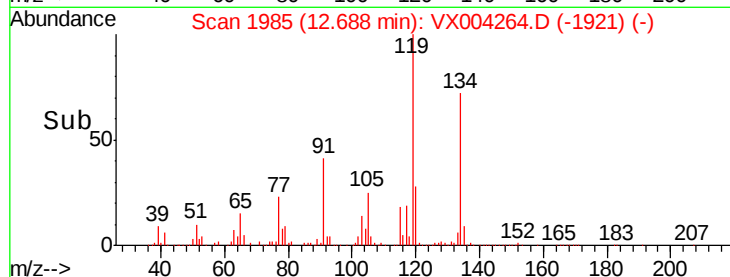
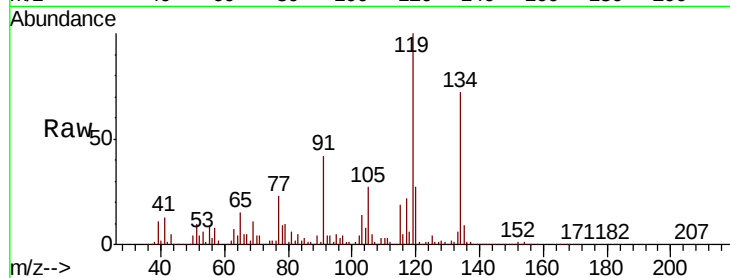
EP1-D7-GRAB

Tot Ion:117 Resp: 2540357

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



#91

1,2-Dichlorobenzene

Concen: 0.22 ug/l

RT: 12.41 min Scan# 1939

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

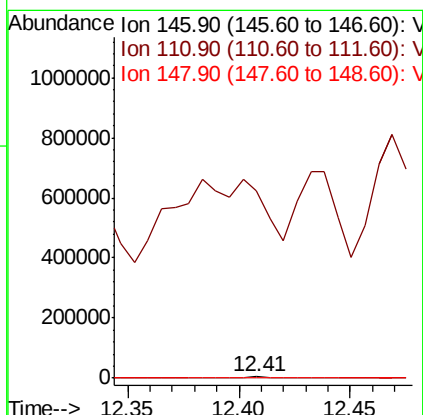
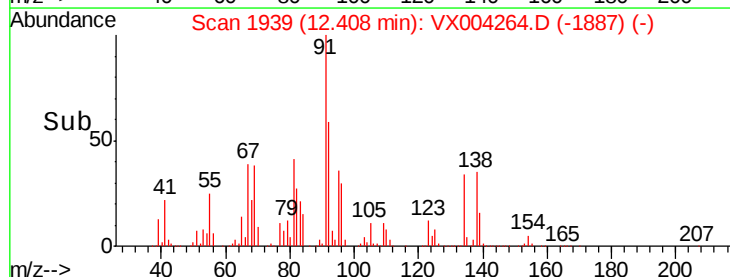
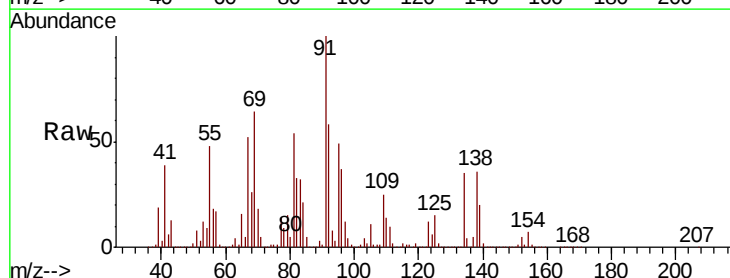
Tgt Ion:146 Resp: 4096

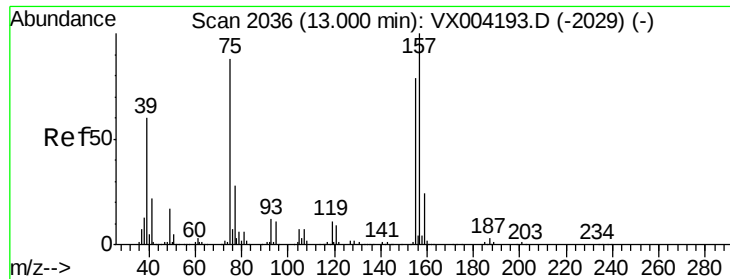
Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

148 0.0 32.8 98.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.24 ug/l

RT: 12.99 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

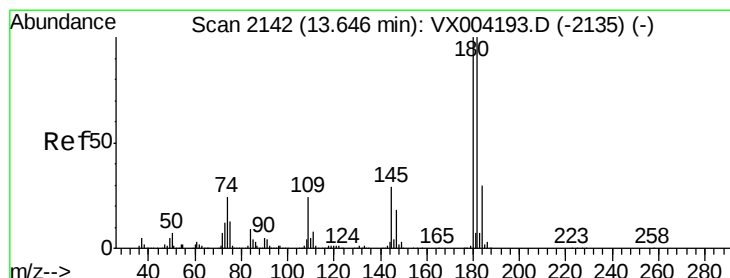
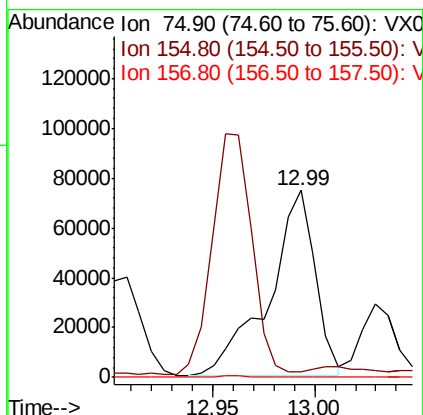
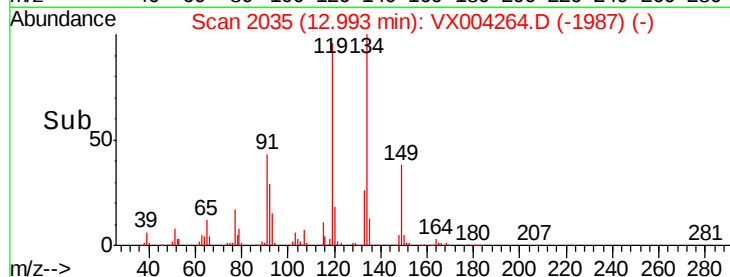
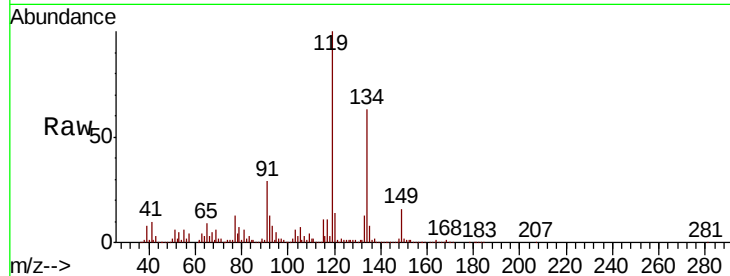
Tot Ion: 75 Resp: 117178

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.3 61.4 184.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.26 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

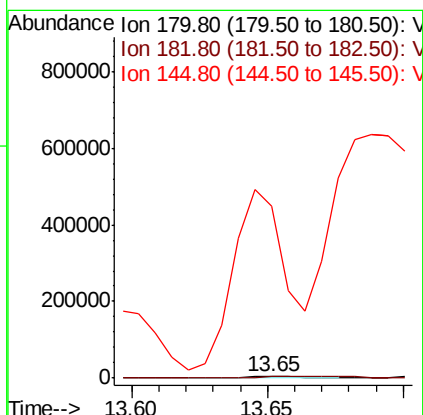
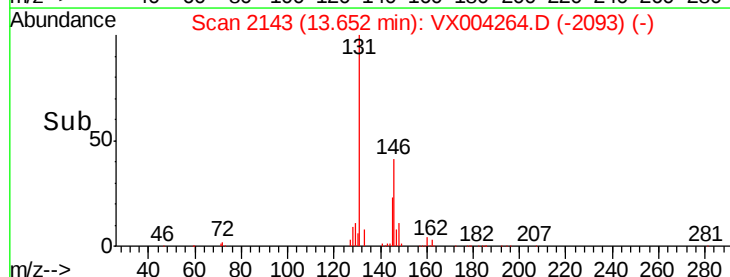
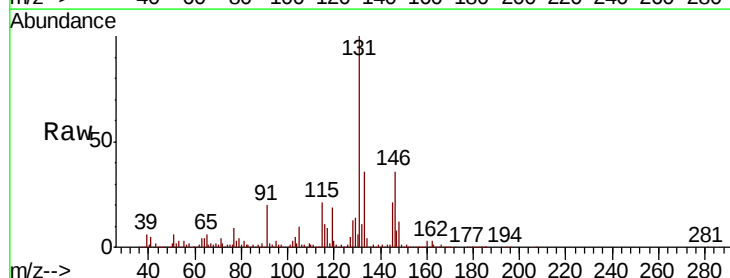
Tgt Ion:180 Resp: 3507

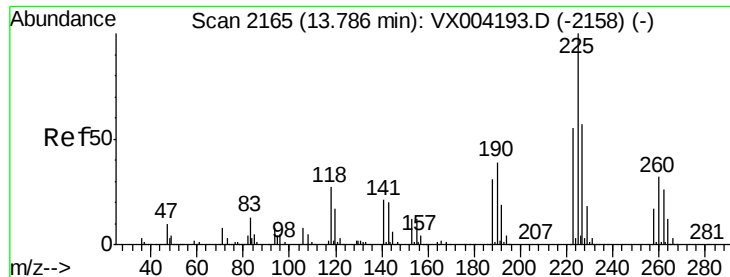
Ion Ratio Lower Upper

180 100

182 130.3 48.4 145.0

145 19252.4 14.3 42.9#





#94

Hexachlorobutadiene

Concen: 0.26 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

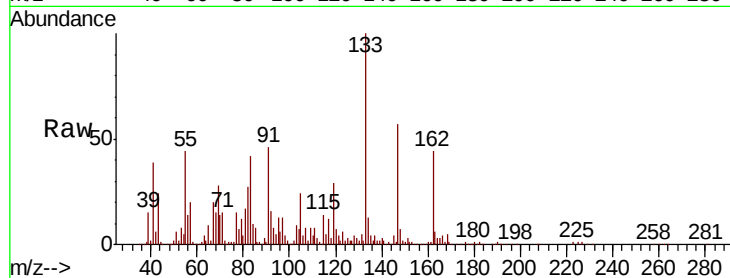
Tot Ion:225 Resp: 2531

Ion Ratio Lower Upper

225 100

223 69.5 30.1 90.5

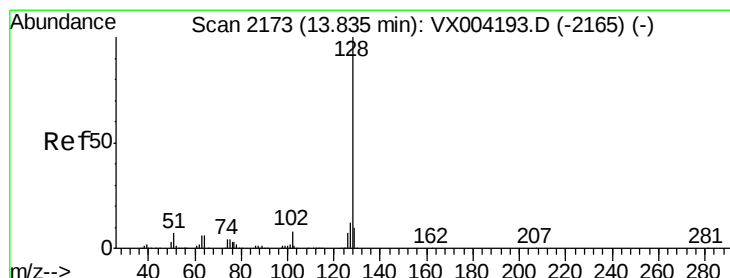
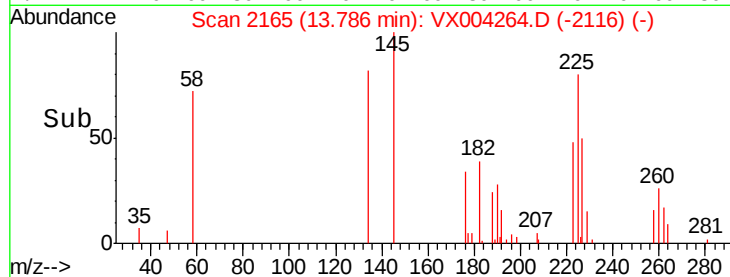
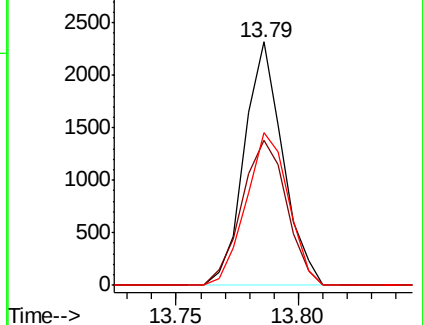
227 69.1 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.64 ug/l

RT: 13.85 min Scan# 2176

Delta R.T. 0.02 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

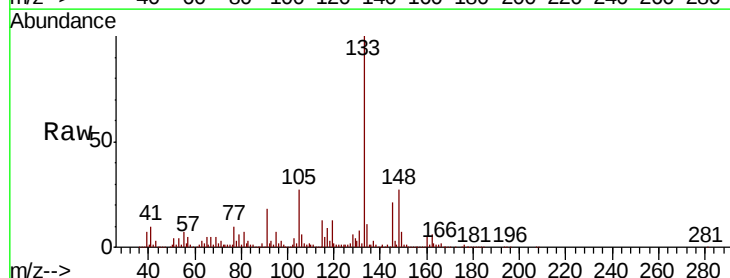
Tgt Ion:128 Resp: 62870

Ion Ratio Lower Upper

128 100

127 33.7 10.2 15.2#

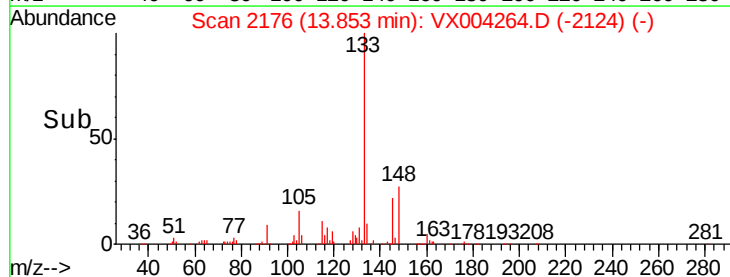
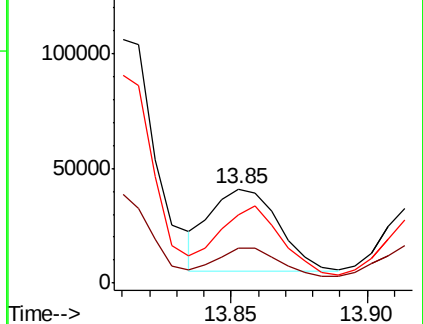
129 74.5 8.6 12.8#

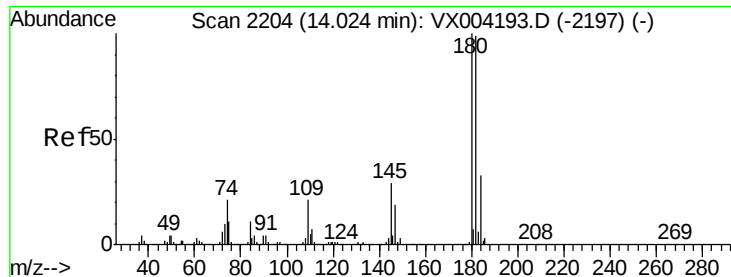


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.21 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX004264.D

Acq: 27 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRAB

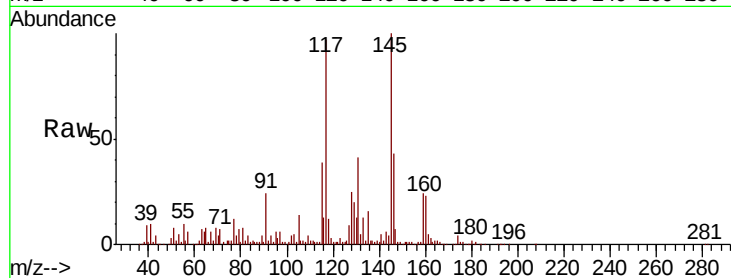
Tot Ion:180 Resp: 3031

Ion Ratio Lower Upper

180 100

182 79.3 48.5 145.6

145 8722.8 14.9 44.9#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

