

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005382.D
 Acq On : 17 Oct 2018 09:58
 Operator : JC/MD
 Sample : J5515-13 50X
 Misc : 6.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01A

Quant Time: Oct 17 16:38:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155436	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	125568	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.71	98	506194	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.13	95	174136	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	796	1.00	ug/l	84
6) Chloroethane	1.71	64	67	0.37	ug/l #	44
10) Methyl Iodide	2.51	142	747	2.74	ug/l #	41
13) Acrolein	2.26	56	858	Below Cal	#	1
14) Allyl chloride	2.77	41	1846	0.33	ug/l #	27
15) Acrylonitrile	3.17	53	3843	1.84	ug/l #	51
16) Acetone	2.45	43	773	0.41	ug/l	93
18) Methyl Acetate	2.84	43	44568	8.31	ug/l #	51
20) Methylene Chloride	2.85	84	2321	Below Cal	#	50
23) Vinyl Acetate	3.81	43	1839	0.22	ug/l #	71
29) Tetrahydrofuran	5.15	42	591	0.34	ug/l #	65
31) Cyclohexane	5.60	56	48324	10.78	ug/l #	47
38) Carbon Tetrachloride	5.66	117	25177	6.25	ug/l #	15
39) Methylcyclohexane	7.46	83	48256	11.12	ug/l #	86
40) Benzene	6.14	78	17231	1.43	ug/l	96
41) Methacrylonitrile	5.07	41	1533	0.55	ug/l #	48
43) Isopropyl Acetate	6.35	43	137245	19.98	ug/l #	59
44) Trichloroethene	7.20	130	260	Below Cal		58
45) 1,2-Dichloropropane	7.45	63	863	0.29	ug/l #	1
46) Dibromomethane	7.64	93	422	0.22	ug/l #	1
47) Bromodichloromethane	7.84	83	1655	0.46	ug/l #	1
48) Methyl methacrylate	7.73	41	8324	2.34	ug/l #	60
51) 4-Methyl-2-Pentanone	8.68	43	43387	9.12	ug/l #	76
52) Toluene	8.79	92	33006	5.02	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	14228	5.10	ug/l #	20
56) Ethyl methacrylate	9.16	69	5088	1.25	ug/l #	1
59) 2-Hexanone	9.45	43	12798	3.35	ug/l #	29
67) Ethyl Benzene	10.25	91	339628	26.16	ug/l	97
68) m/p-Xylenes	10.36	106	248926	49.41	ug/l	95
69) o-Xylene	10.70	106	7337	1.51	ug/l	96
73) Isopropylbenzene	11.02	105	44061	3.88	ug/l	98
74) N-amyl acetate	10.91	43	5622	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	11.46	75	3087	0.83	ug/l #	1
78) n-propylbenzene	11.36	91	187805	14.39	ug/l	100

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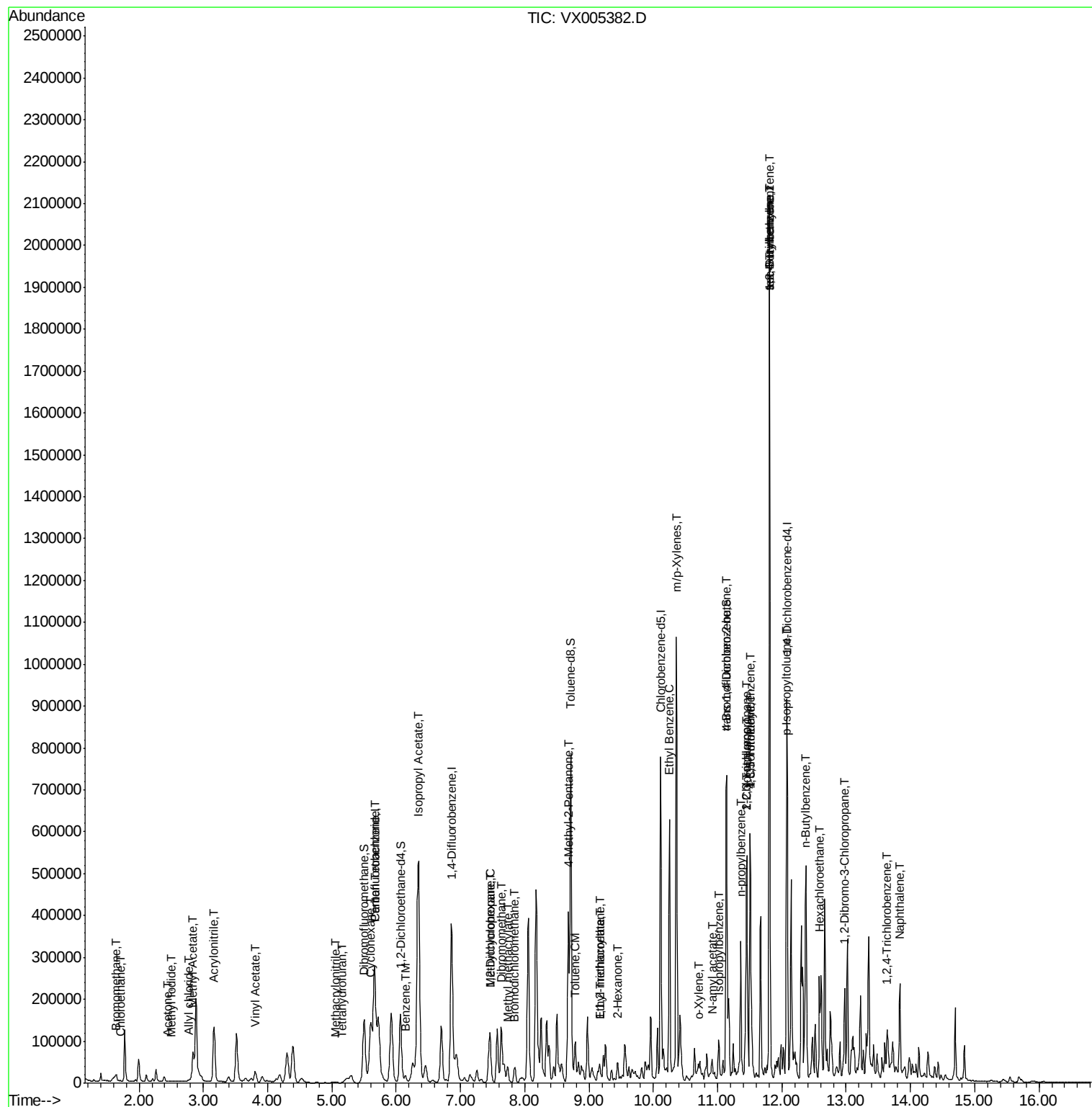
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.46	91	39795	4.98	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	246311	25.36	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	85213	69.95	ug/l #	9
82) 4-Chlorotoluene	11.51	91	25899	2.73	ug/l #	47
83) tert-Butylbenzene	11.81	119	113010	11.49	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	905720	90.60	ug/l	99
85) sec-Butylbenzene	11.81	105	905720	77.80	ug/l #	55
86) p-Isopropyltoluene	12.07	119	11327	1.08	ug/l	90
89) n-Butylbenzene	12.38	91	78057	8.17	ug/l #	28
90) Hexachloroethane	12.58	117	9898	5.46	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	902	0.86	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1210	0.27	ug/l #	1
95) Naphthalene	13.83	128	134447	10.22	ug/l	98

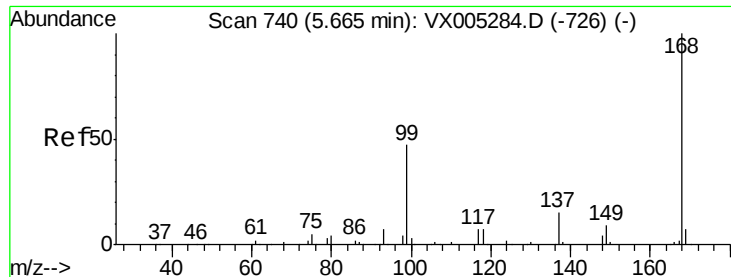
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

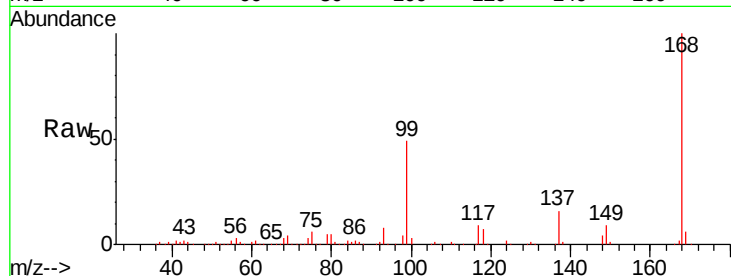
AOC2-01A

Tgt Ion:168 Resp: 293767

Ion Ratio Lower Upper

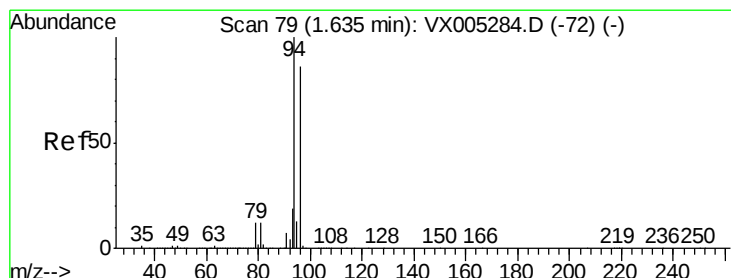
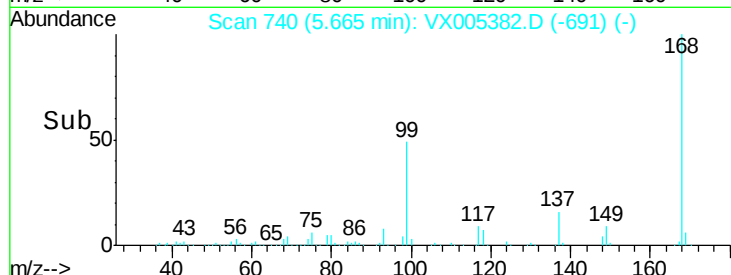
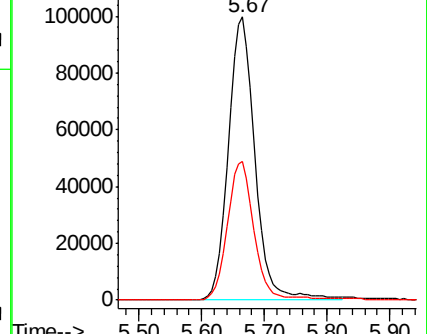
168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 1.00 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005382.D

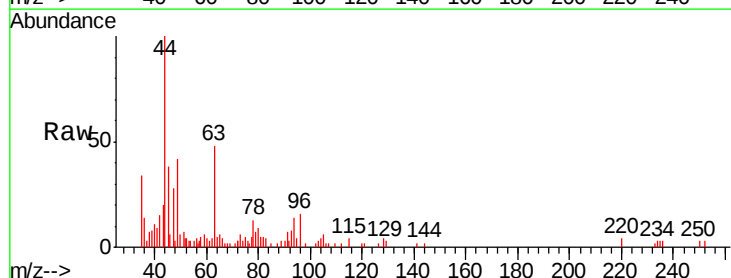
Acq: 17 Oct 2018 09:58

Tgt Ion: 94 Resp: 796

Ion Ratio Lower Upper

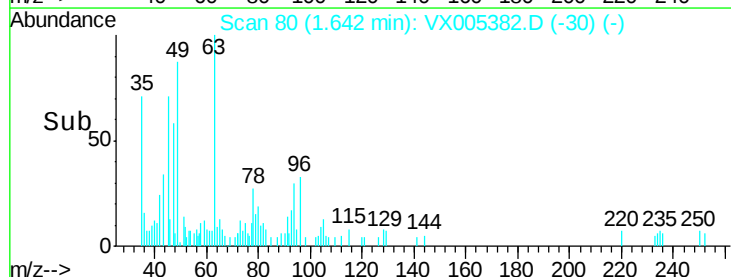
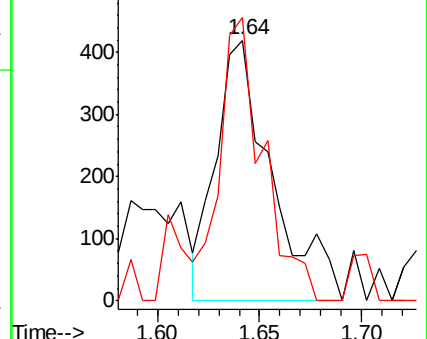
94 100

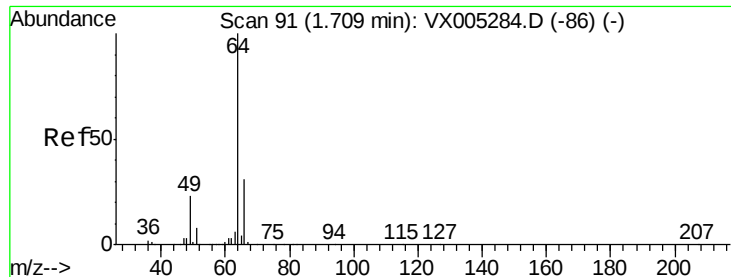
96 108.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.37 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

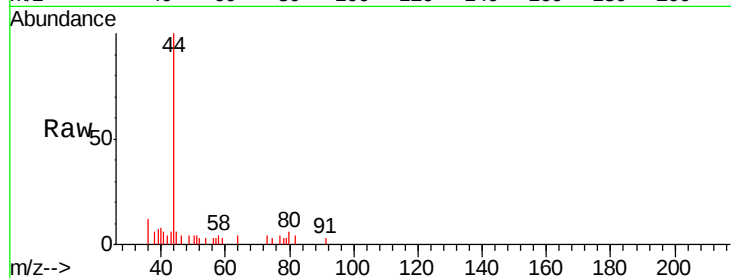
AOC2-01A

Tgt Ion: 64 Resp: 67

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

150

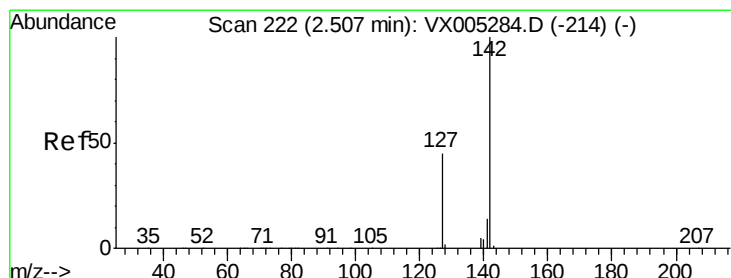
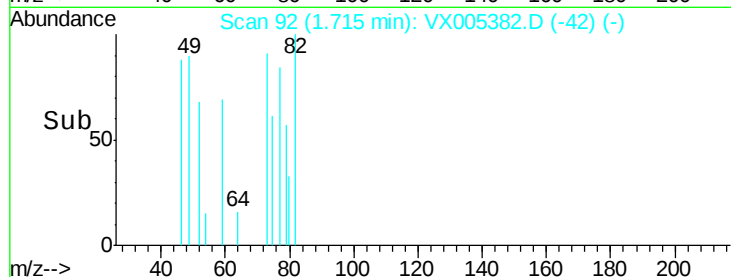
100

50

0

1.70 1.71 1.72

Time-->



#10

Methyl Iodide

Concen: 2.74 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

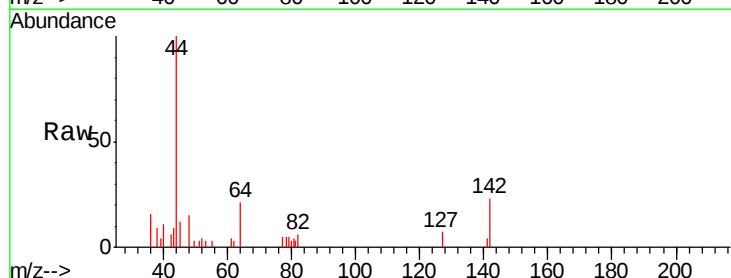
Tgt Ion: 142 Resp: 747

Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.6#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

500

400

300

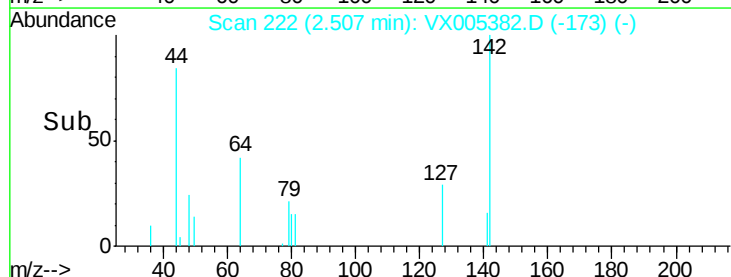
200

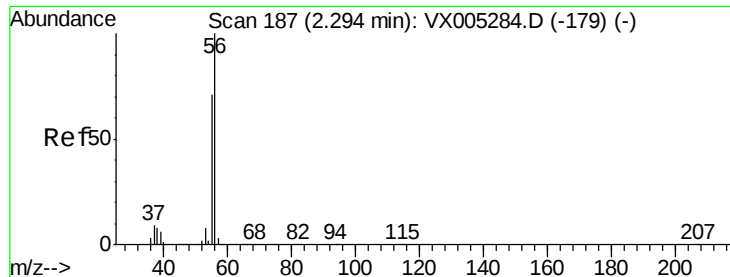
100

0

2.45 2.50 2.55

Time-->





#13

Acrolein

Concen: Below Cal

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

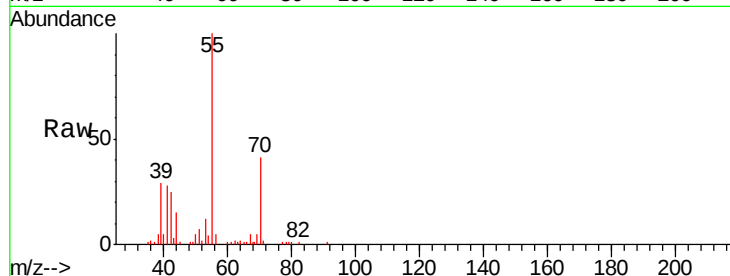
AOC2-01A

Tgt Ion: 56 Resp: 858

Ion Ratio Lower Upper

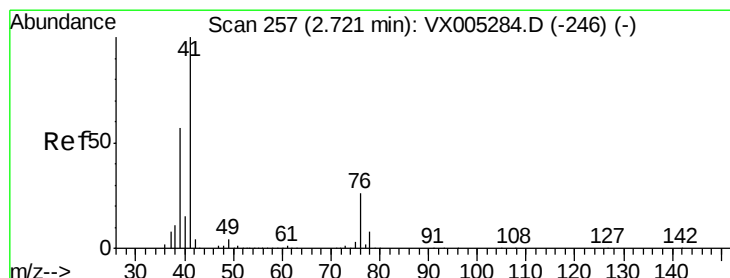
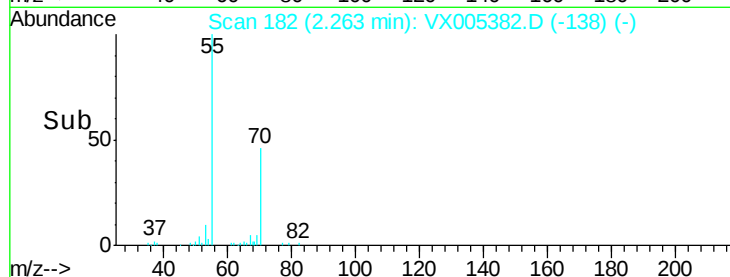
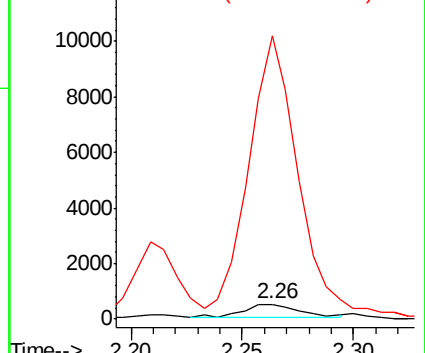
56 100

55 1842.1 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.33 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.05 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

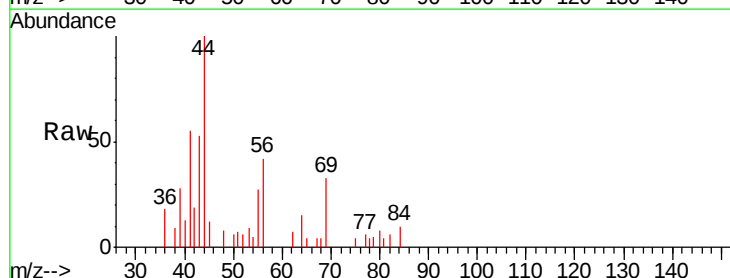
Tgt Ion: 41 Resp: 1846

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

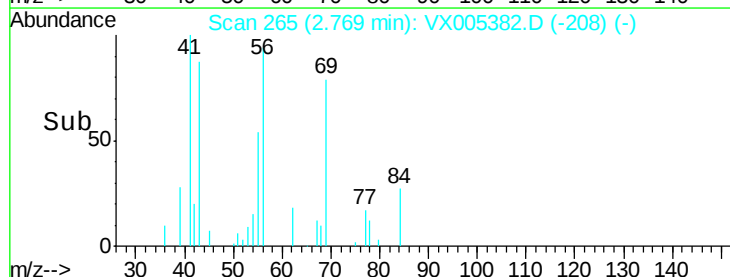
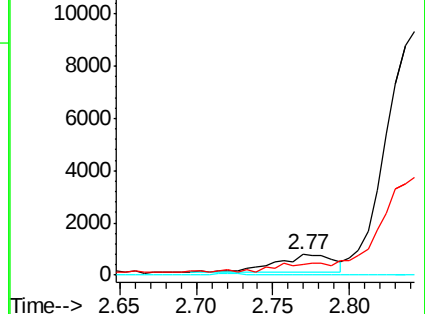
76 0.0 26.7 40.1#

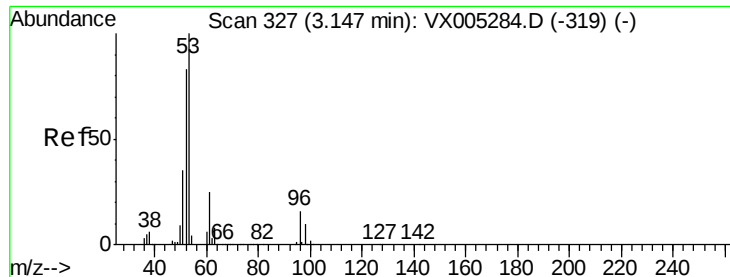


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.84 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

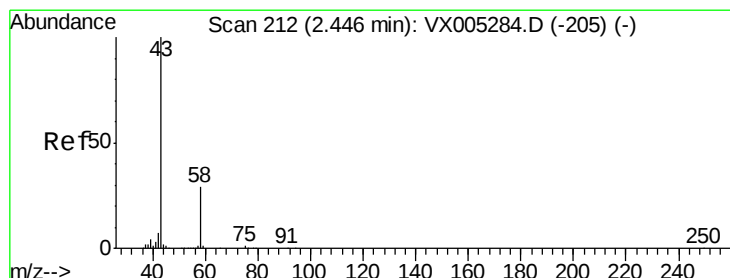
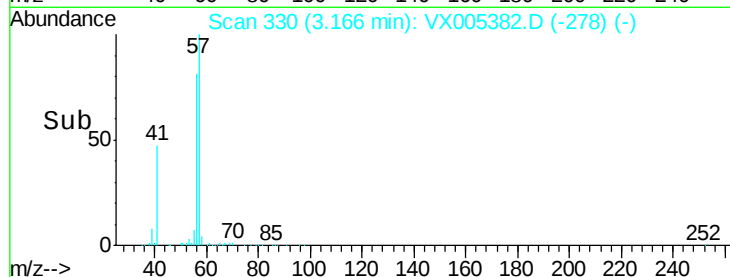
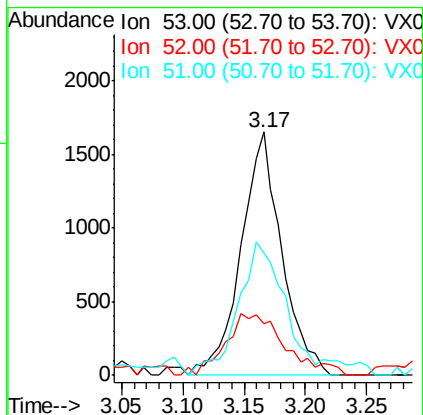
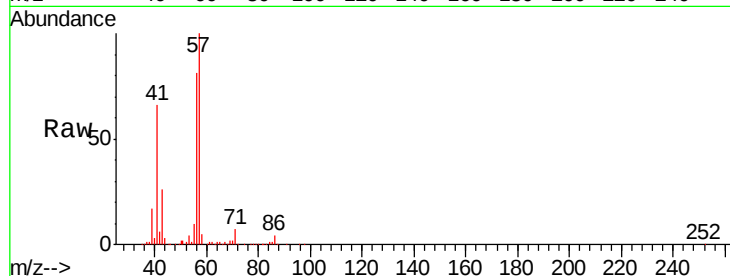
Tgt Ion: 53 Resp: 3843

Ion Ratio Lower Upper

53 100

52 37.1 65.2 97.8#

51 63.2 28.2 42.2#



#16

Acetone

Concen: 0.41 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005382.D

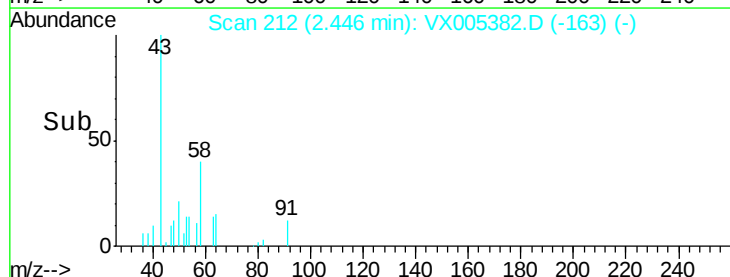
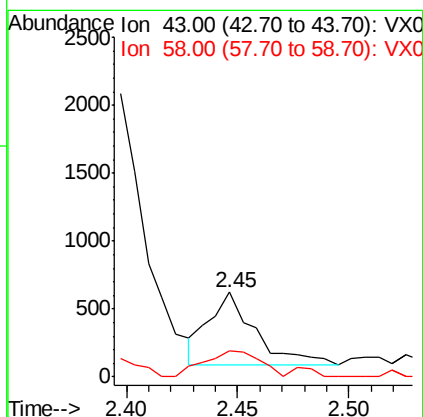
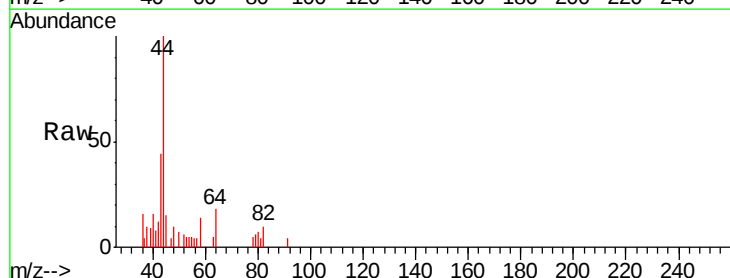
Acq: 17 Oct 2018 09:58

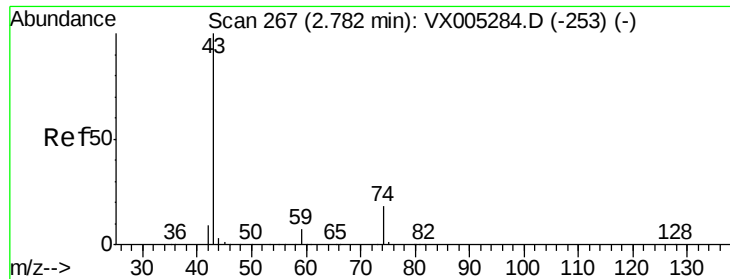
Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

58 36.6 26.2 39.4

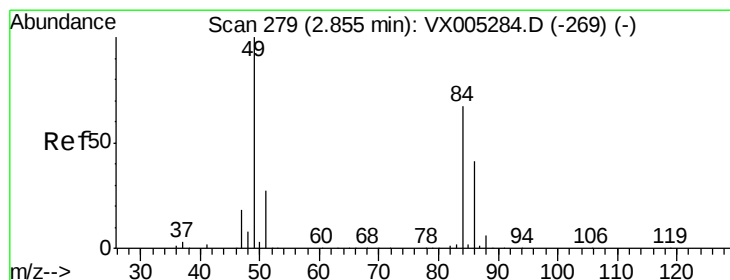
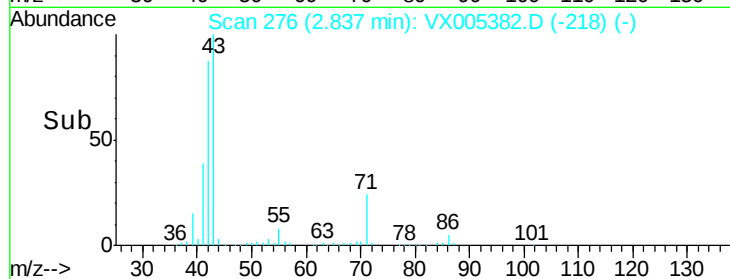
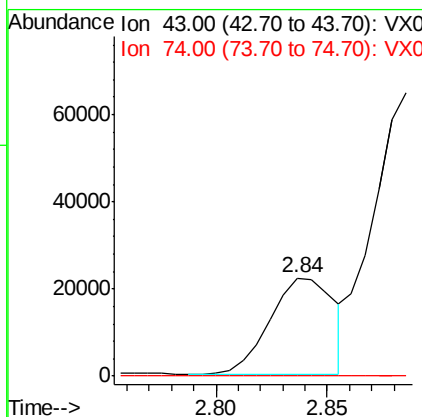
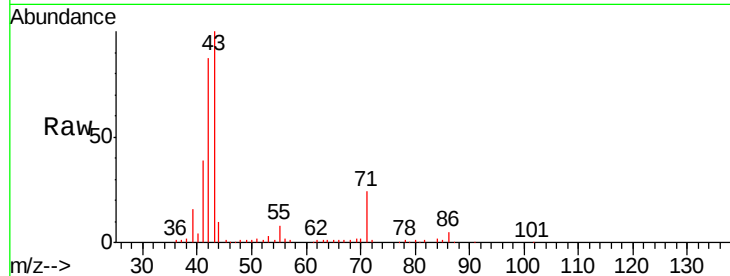




#18
Methyl Acetate
Concen: 8.31 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.05 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

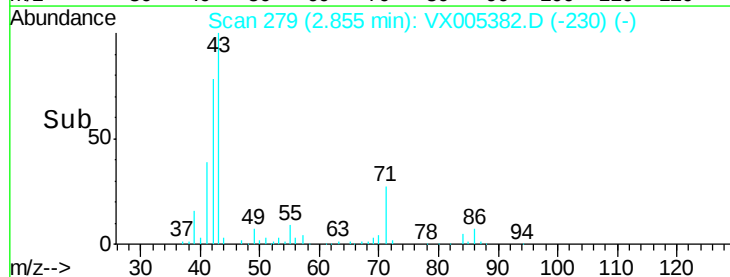
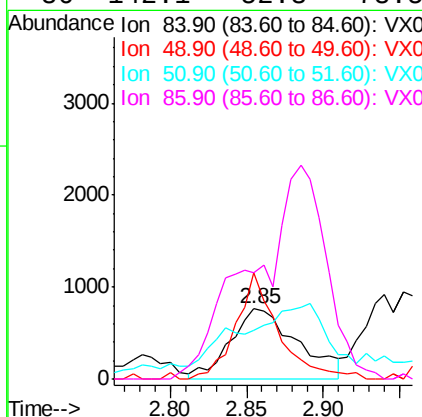
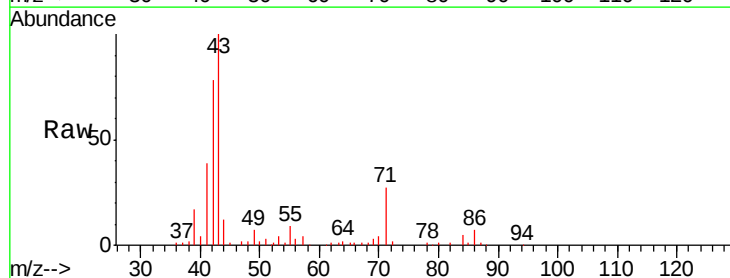
Instrument :
MSVOA_X
ClientSampled :
AOC2-01A

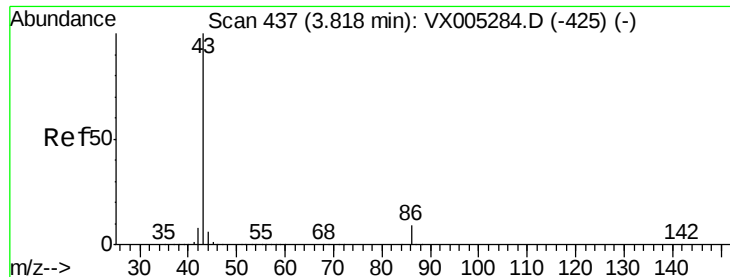
Tgt Ion: 43 Resp: 44568
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

Tgt Ion: 84 Resp: 2321
Ion Ratio Lower Upper
84 100
49 163.3 101.2 151.8#
51 54.4 29.5 44.3#
86 142.1 52.3 78.5#





#23

Vinyl Acetate

Concen: 0.22 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

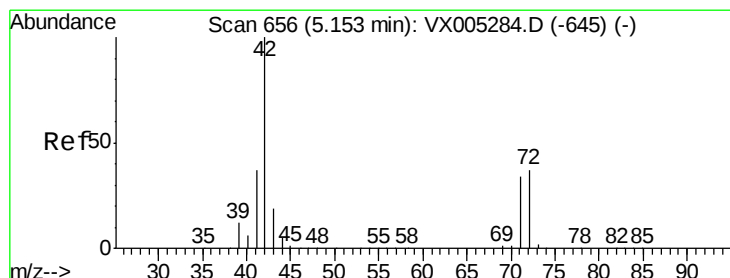
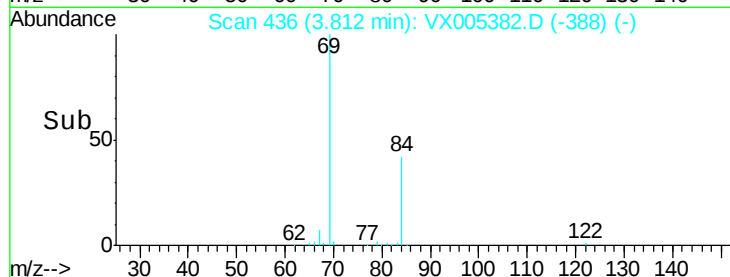
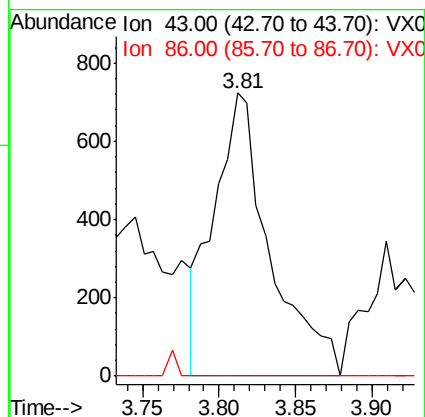
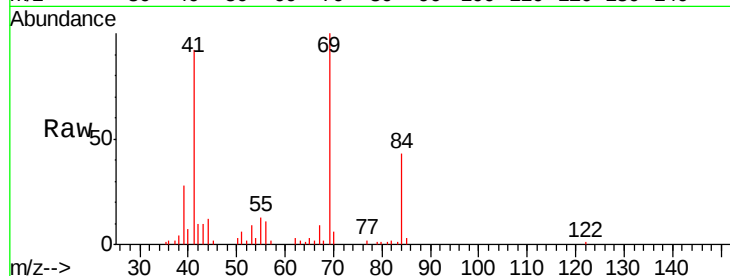
AOC2-01A

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

86 0.0 8.9 13.3#



#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

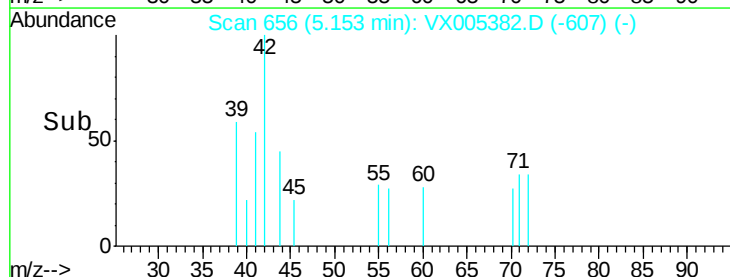
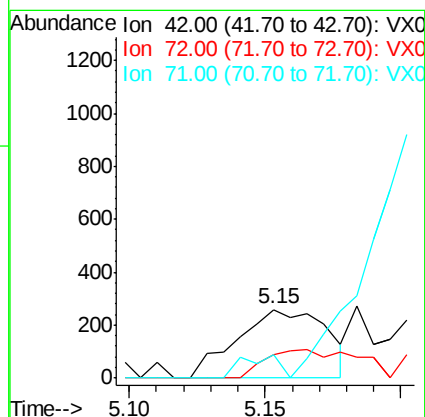
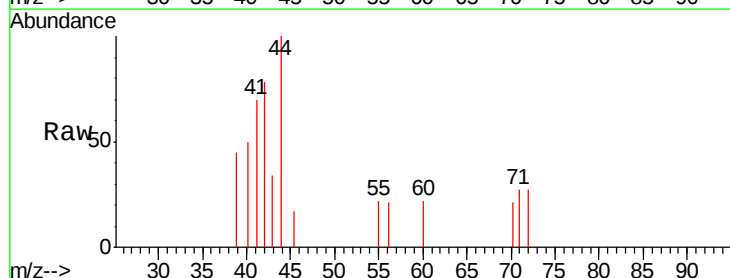
Tgt Ion: 42 Resp: 591

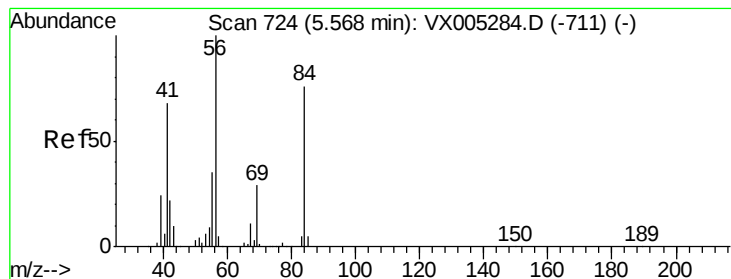
Ion Ratio Lower Upper

42 100

72 42.6 37.4 56.0

71 0.0 34.5 51.7#





#31

Cyclohexane

Concen: 10.78 ug/l

RT: 5.60 min Scan# 730

Delta R.T. 0.04 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

AOC2-01A

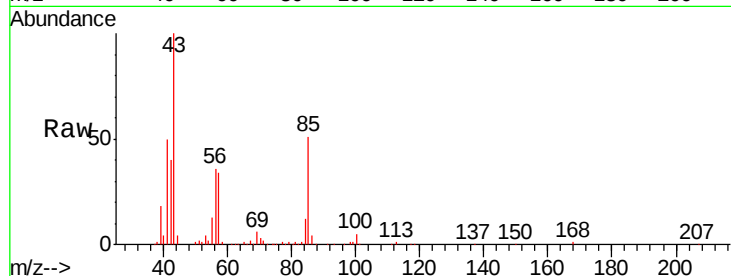
Tgt Ion: 56 Resp: 48324

Ion Ratio Lower Upper

56 100

69 10.9 25.4 38.2#

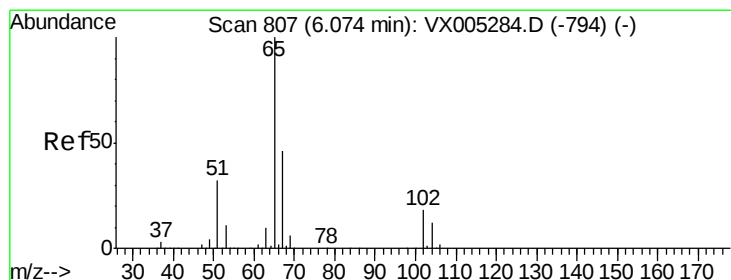
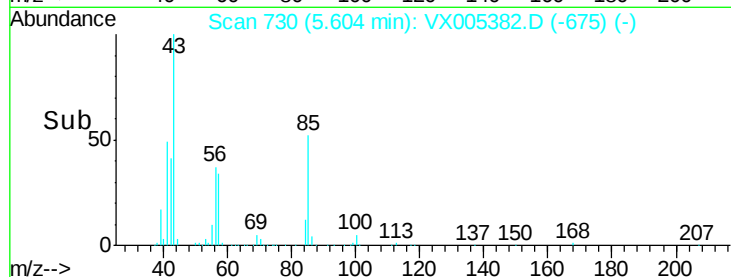
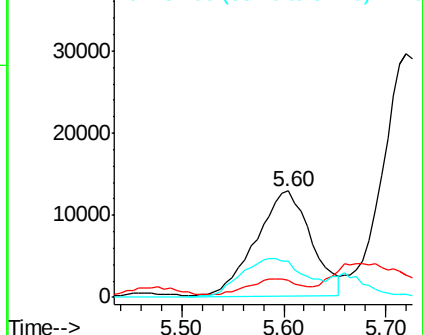
84 34.0 71.4 107.2#



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: 47.67 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005382.D

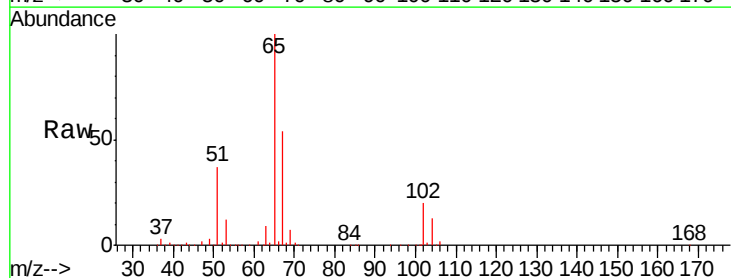
Acq: 17 Oct 2018 09:58

Tgt Ion: 65 Resp: 155436

Ion Ratio Lower Upper

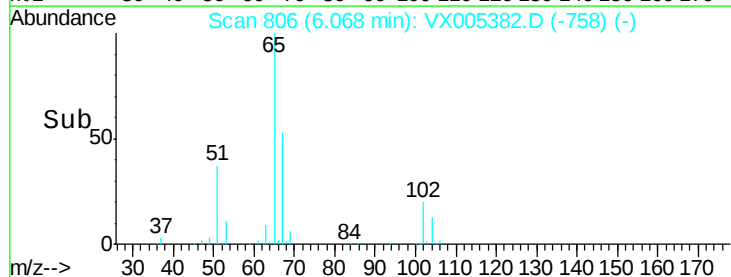
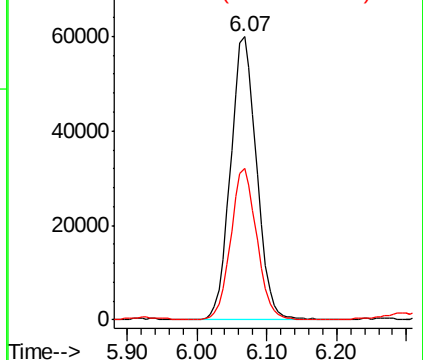
65 100

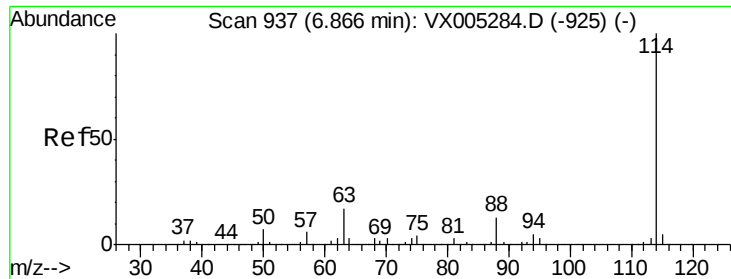
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

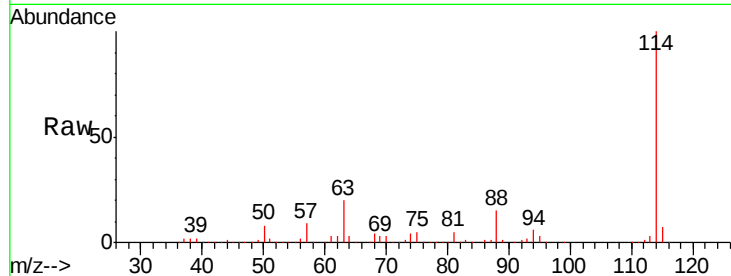




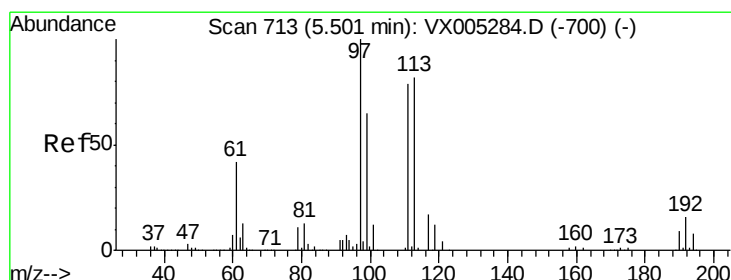
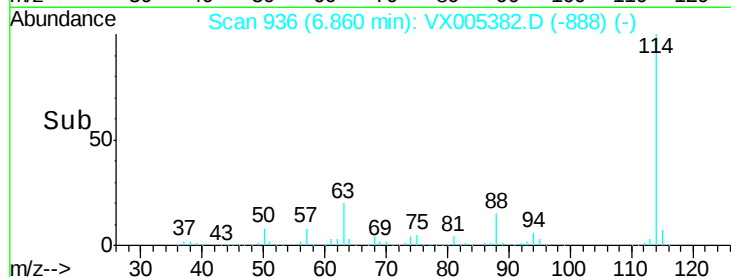
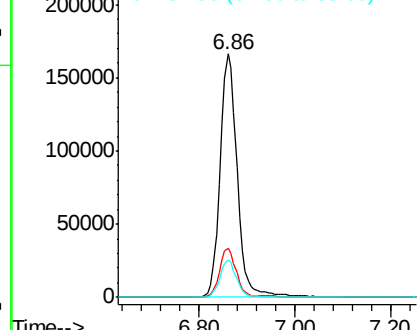
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005382.D
 Acq: 17 Oct 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01A

Tgt Ion:114 Resp: 414018
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.2 0.0 30.4

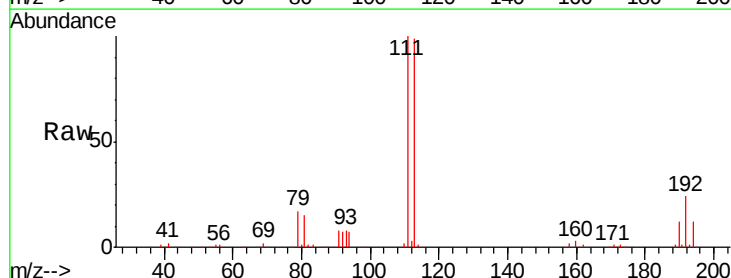


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

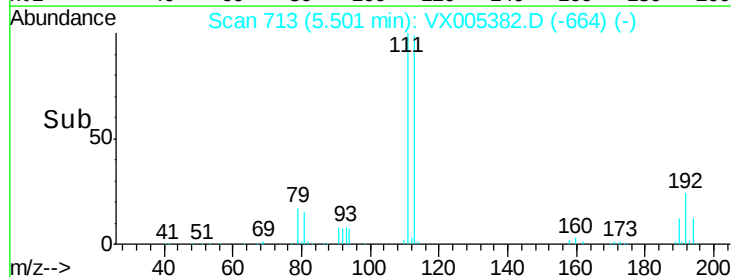
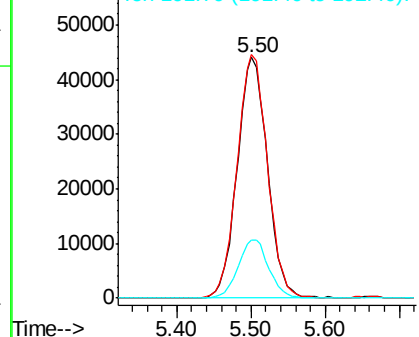


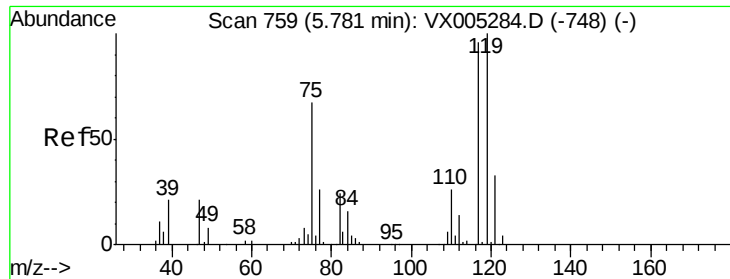
#35
 Dibromofluoromethane
 Concen: 45.79 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005382.D
 Acq: 17 Oct 2018 09:58

Tgt Ion:113 Resp: 125568
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 24.3 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: 6.25 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

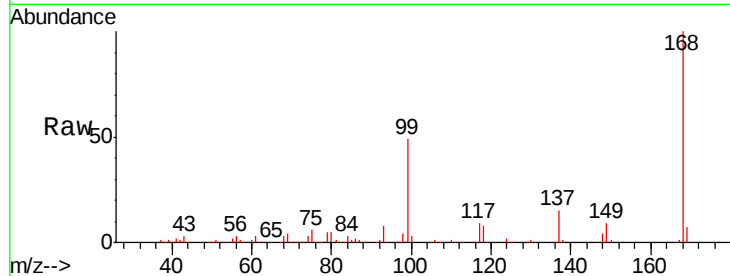
Tgt Ion: 117 Resp: 25177

Ion Ratio Lower Upper

117 100

119 5.1 78.8 118.2#

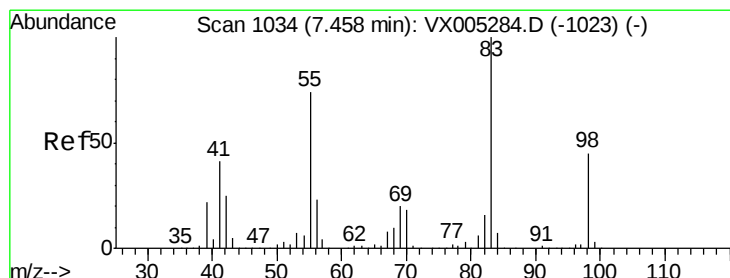
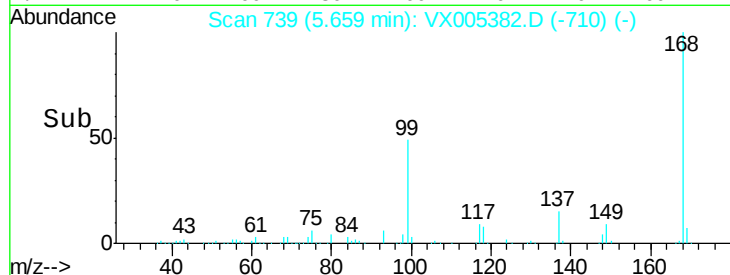
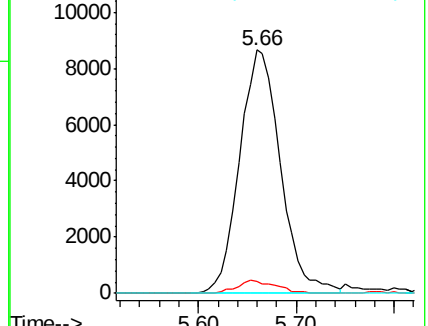
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 11.12 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

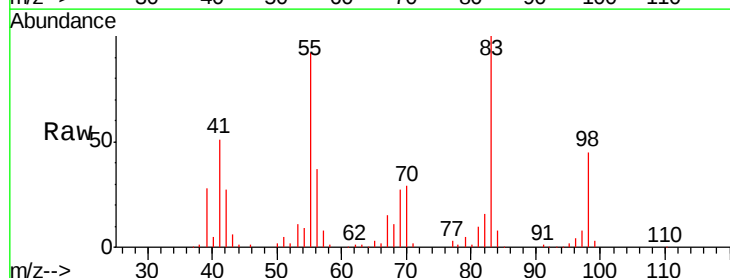
Tgt Ion: 83 Resp: 48256

Ion Ratio Lower Upper

83 100

55 91.8 61.0 91.4#

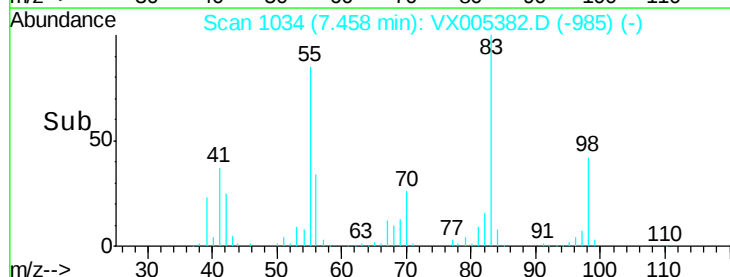
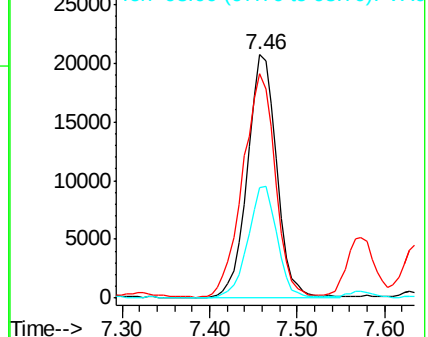
98 45.0 39.6 59.4

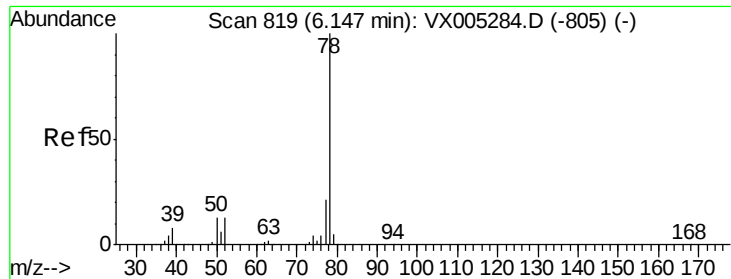


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.43 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

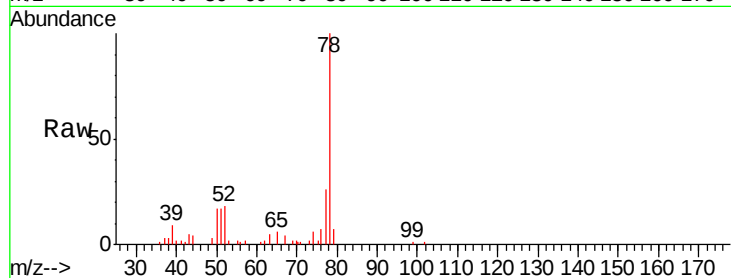
AOC2-01A

Tgt Ion: 78 Resp: 17231

Ion Ratio Lower Upper

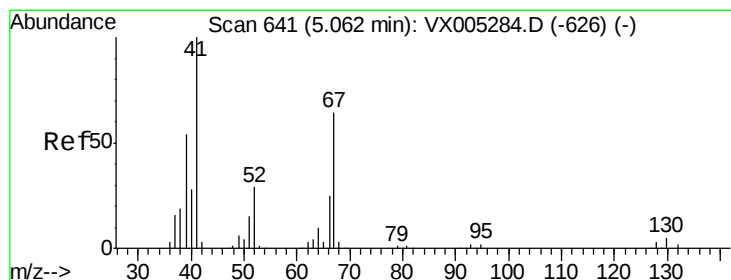
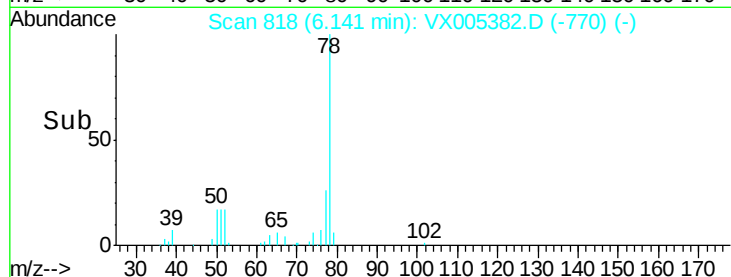
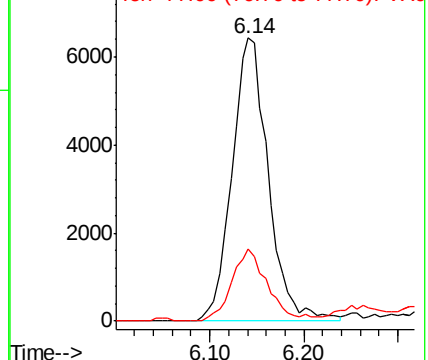
78 100

77 25.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.55 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Tgt Ion: 41 Resp: 1533

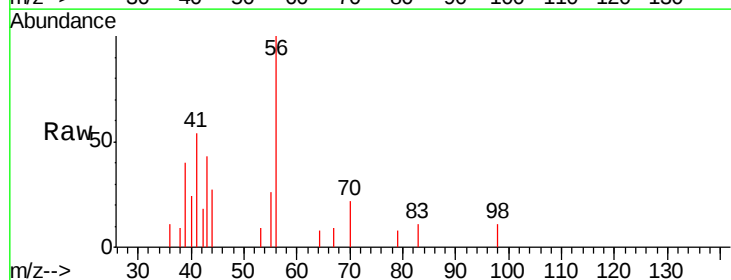
Ion Ratio Lower Upper

41 100

39 53.1 42.4 63.6

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#

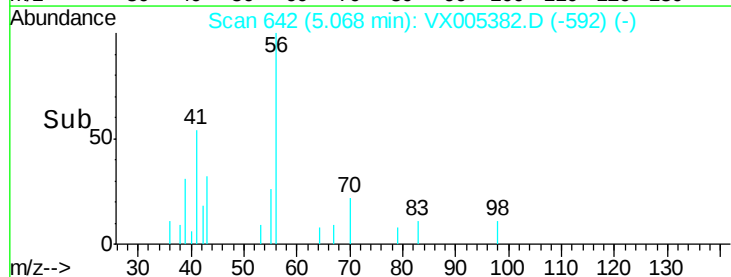
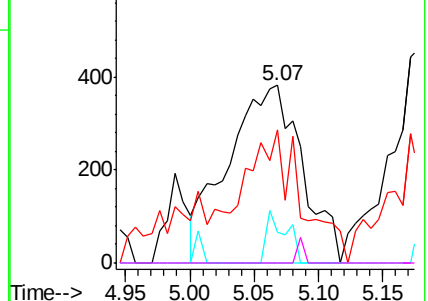


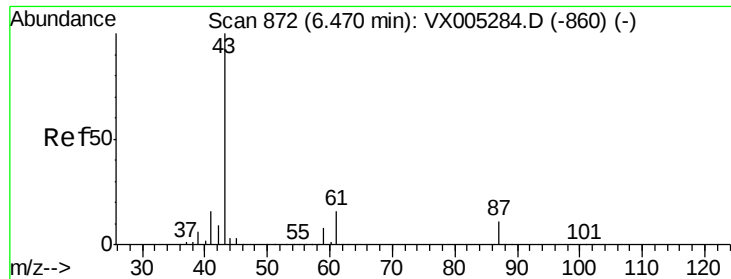
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 19.98 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.12 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

AOC2-01A

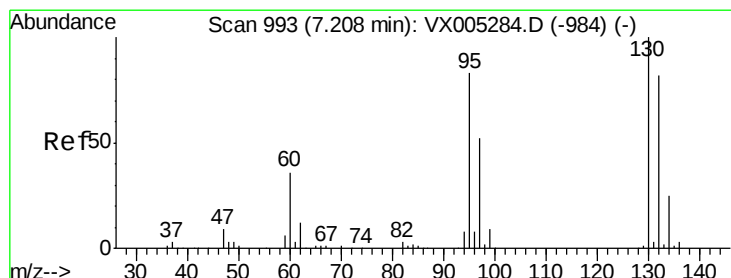
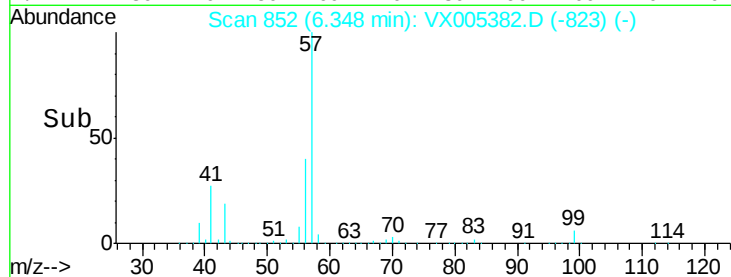
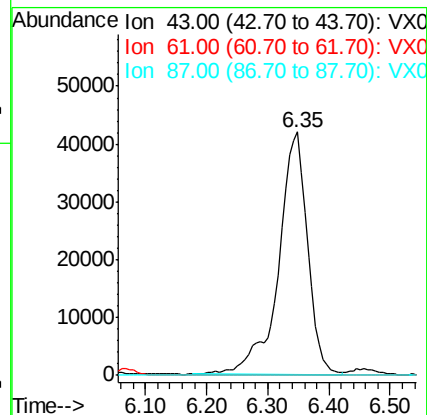
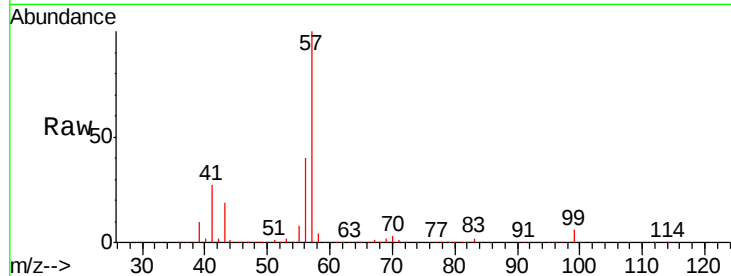
Tgt Ion: 43 Resp: 137245

Ion Ratio Lower Upper

43 100

61 0.1 17.0 25.4#

87 0.0 11.4 17.2#



#44

Trichloroethene

Concen: Below Cal

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX005382.D

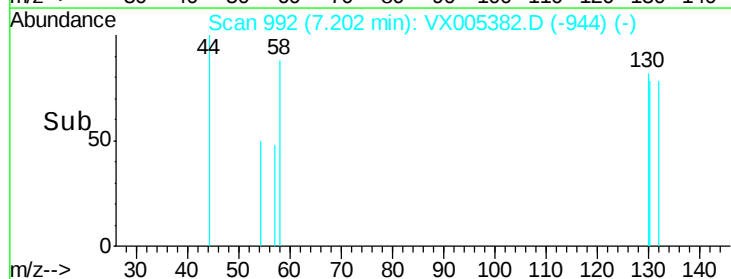
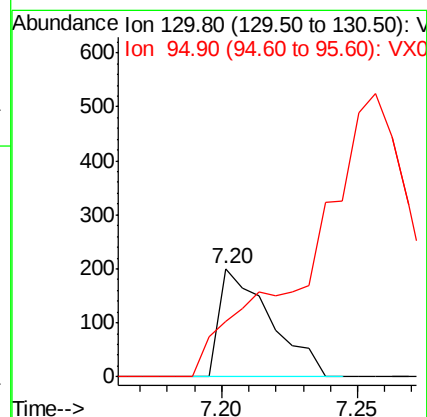
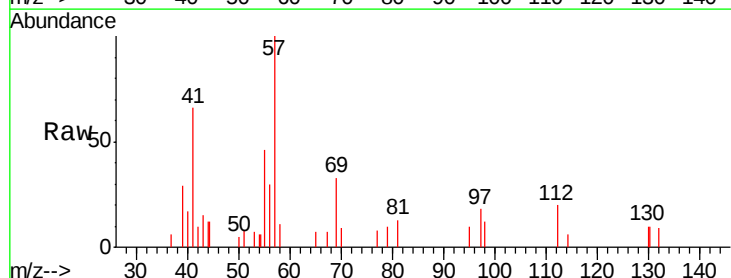
Acq: 17 Oct 2018 09:58

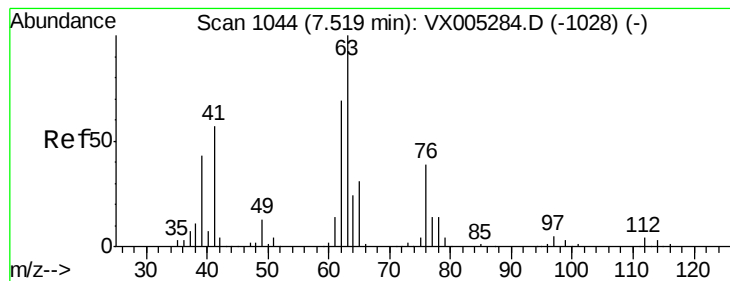
Tgt Ion: 130 Resp: 260

Ion Ratio Lower Upper

130 100

95 51.0 0.0 181.6





#45

1,2-Dichloropropane

Concen: 0.29 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

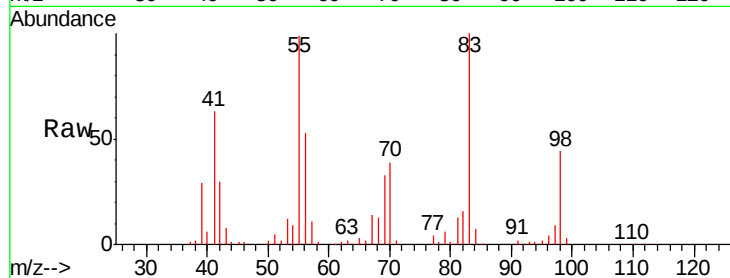
AOC2-01A

Tgt Ion: 63 Resp: 863

Ion Ratio Lower Upper

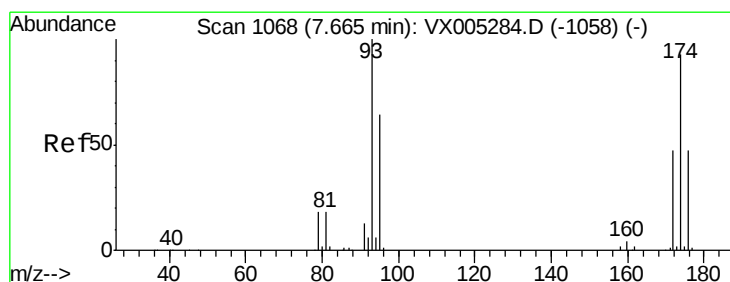
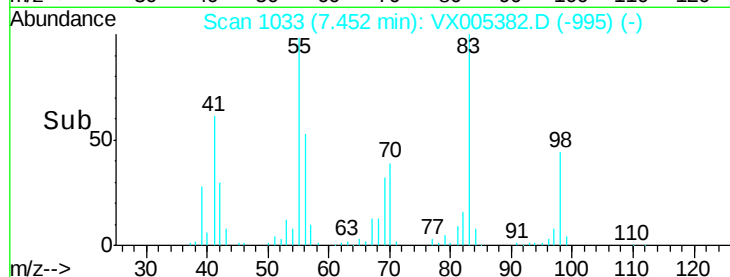
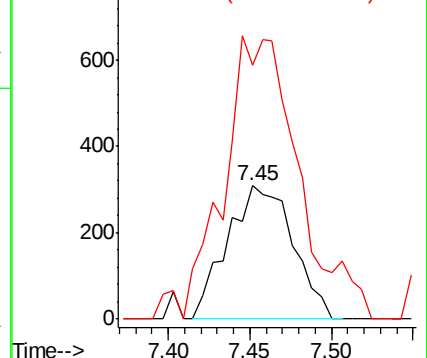
63 100

65 152.4 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.22 ug/l

RT: 7.64 min Scan# 1064

Delta R.T. -0.02 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

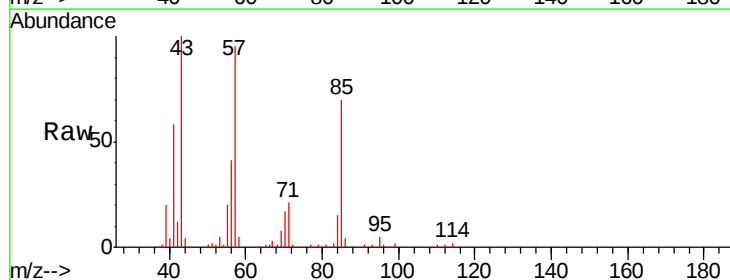
Tgt Ion: 93 Resp: 422

Ion Ratio Lower Upper

93 100

95 818.5 65.5 98.3#

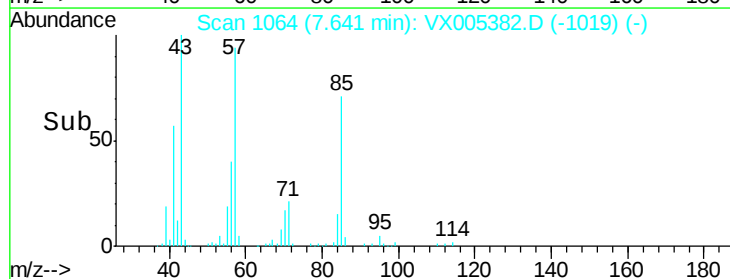
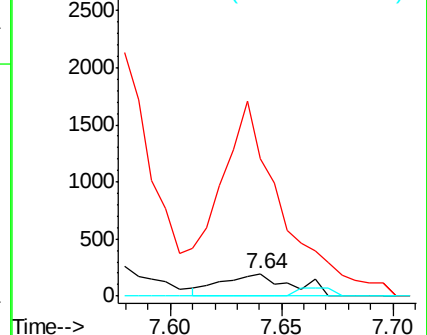
174 0.0 94.2 141.4#

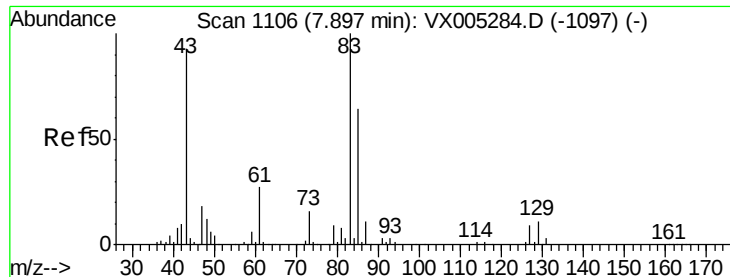


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.46 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

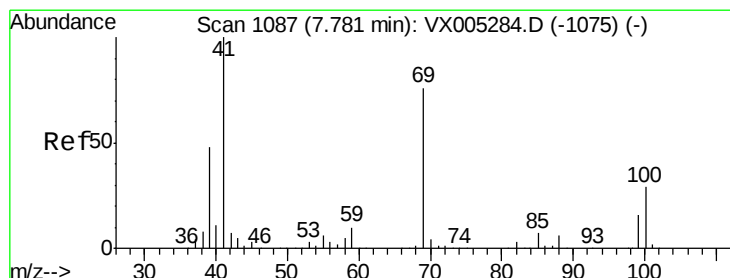
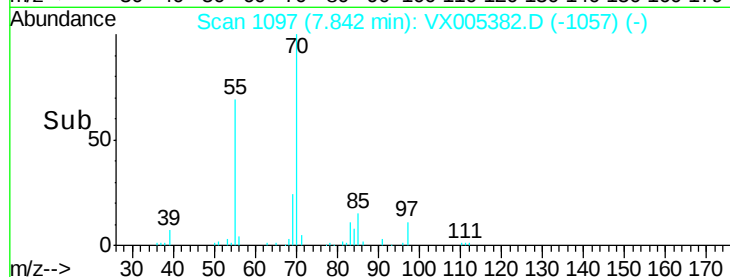
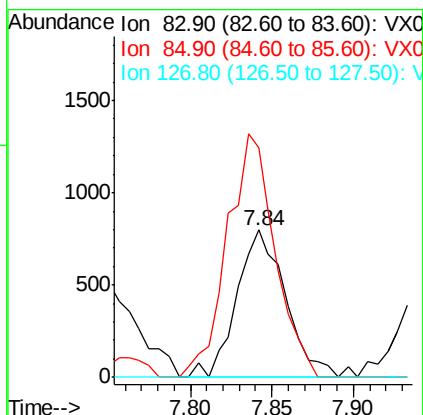
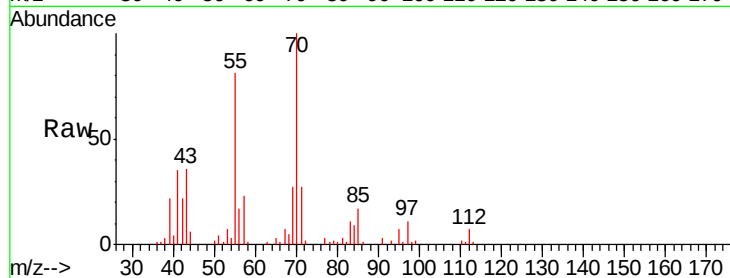
Tgt Ion: 83 Resp: 1655

Ion Ratio Lower Upper

83 100

85 156.1 50.9 76.3#

127 0.0 7.3 10.9#



#48

Methyl methacrylate

Concen: 2.34 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.05 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

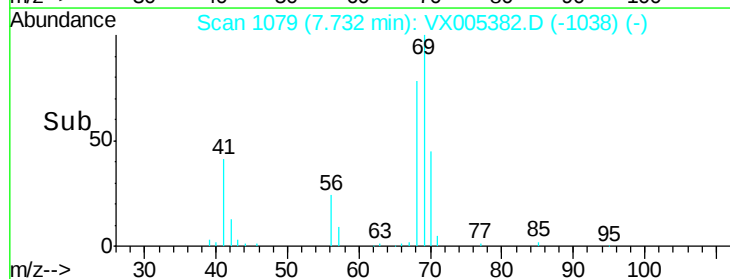
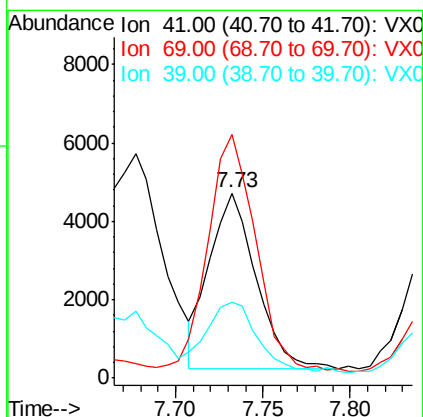
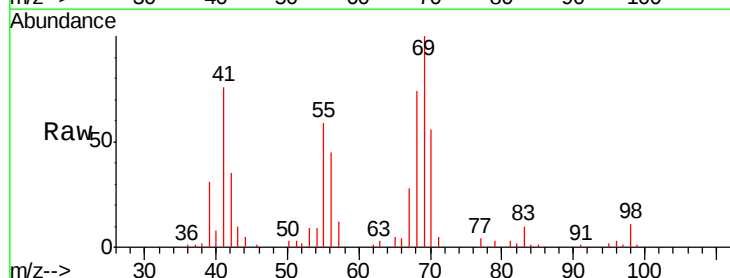
Tgt Ion: 41 Resp: 8324

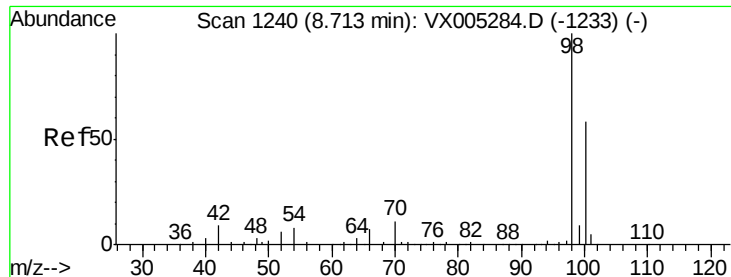
Ion Ratio Lower Upper

41 100

69 139.0 70.2 105.4#

39 42.5 42.7 64.1#





#50

Toluene-d8

Concen: 53.77 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

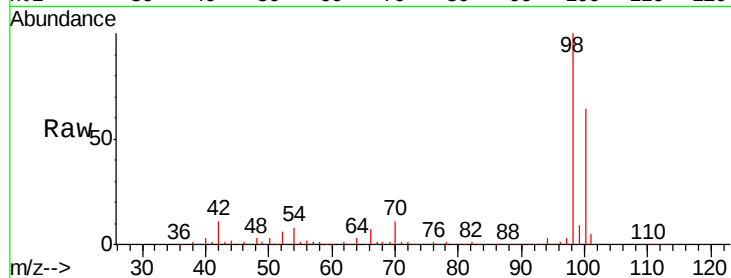
AOC2-01A

Tgt Ion: 98 Resp: 506194

Ion Ratio Lower Upper

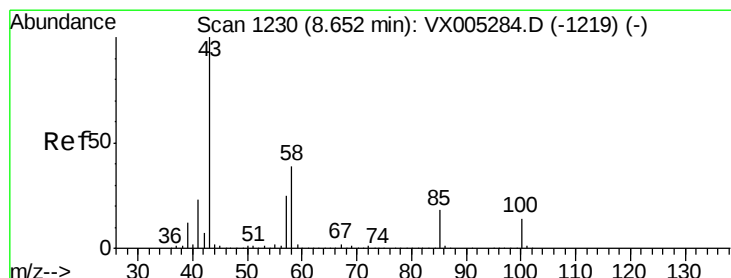
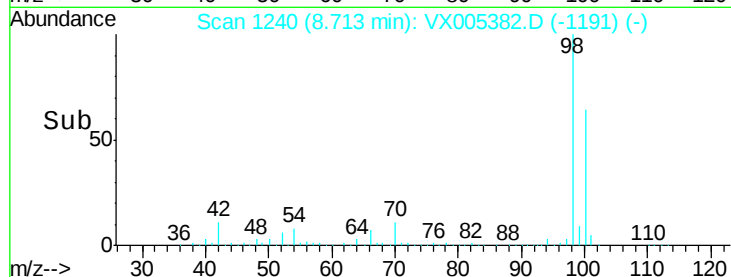
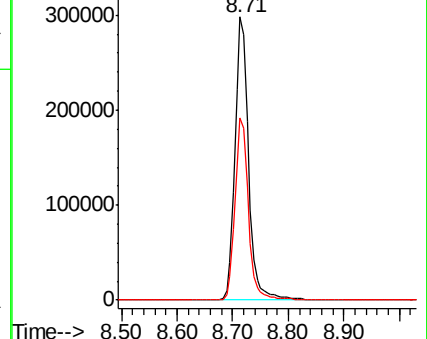
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 9.12 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX005382.D

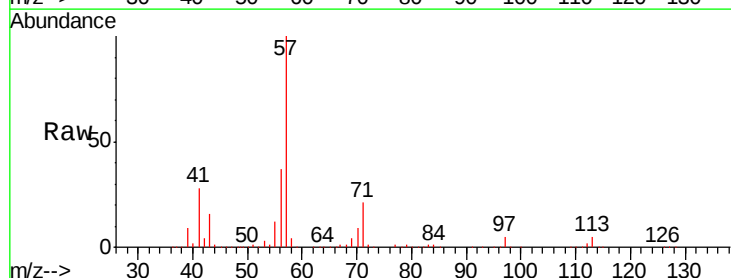
Acq: 17 Oct 2018 09:58

Tgt Ion: 43 Resp: 43387

Ion Ratio Lower Upper

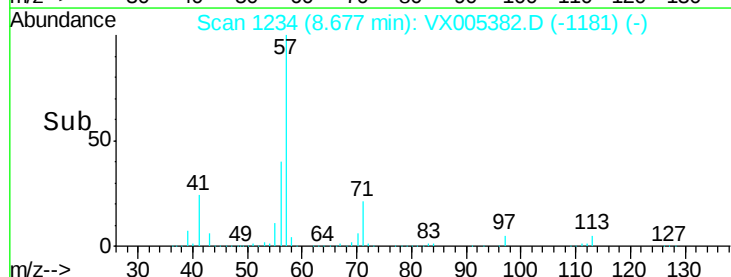
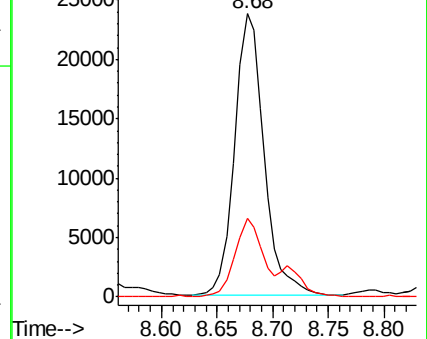
43 100

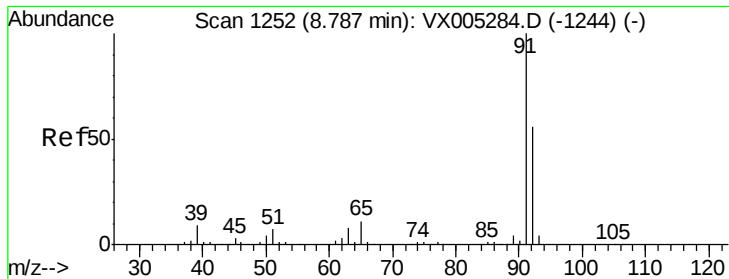
58 26.4 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 5.02 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

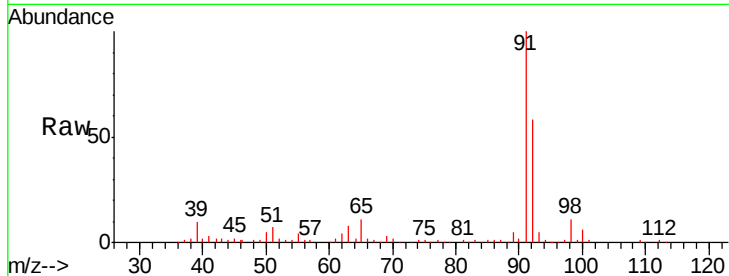
AOC2-01A

Tgt Ion: 92 Resp: 33006

Ion Ratio Lower Upper

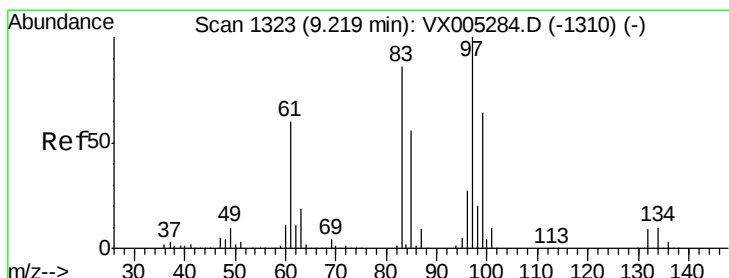
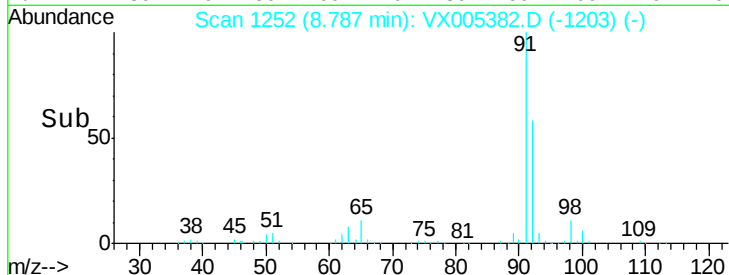
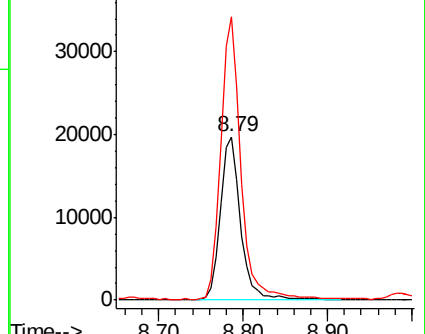
92 100

91 169.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)



#55

1,1,2-Trichloroethane

Concen: 5.10 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Tgt Ion: 97 Resp: 14228

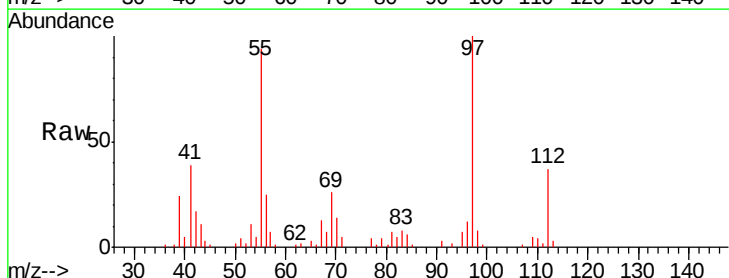
Ion Ratio Lower Upper

97 100

83 6.1 66.4 99.6#

85 1.0 43.3 64.9#

99 0.9 49.0 73.4#

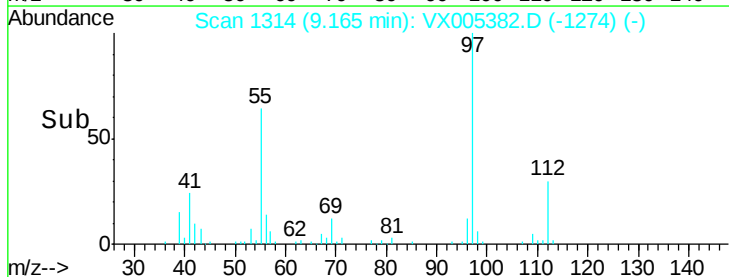
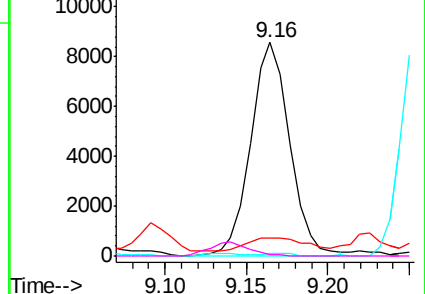


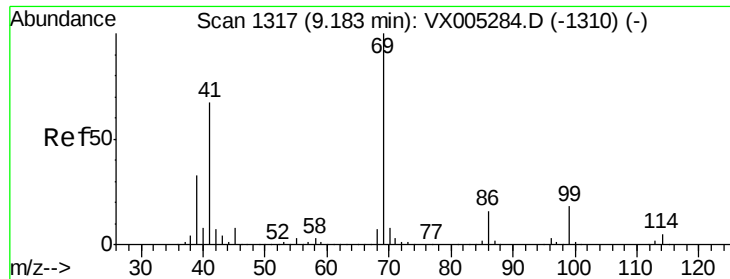
Abundance Ion 96.90 (96.60 to 97.60): VX005284.D (-1310) (-)

Ion 82.90 (82.60 to 83.60): VX005284.D (-1310) (-)

Ion 84.90 (84.60 to 85.60): VX005284.D (-1310) (-)

Ion 98.90 (98.60 to 99.60): VX005284.D (-1310) (-)





#56

Ethyl methacrylate

Concen: 1.25 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

AOC2-01A

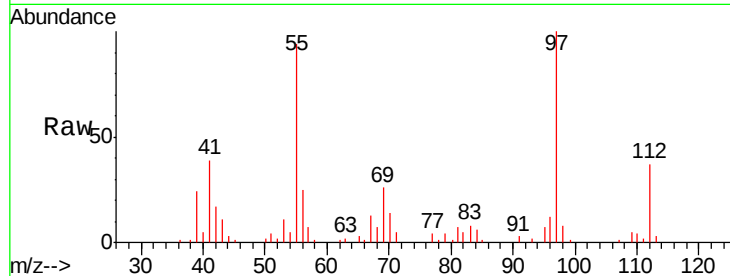
Tgt Ion: 69 Resp: 5088

Ion Ratio Lower Upper

69 100

41 180.2 51.0 76.4#

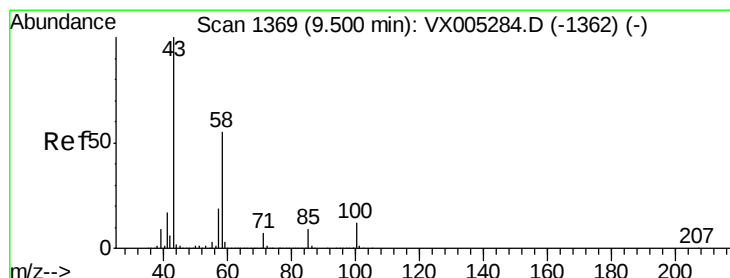
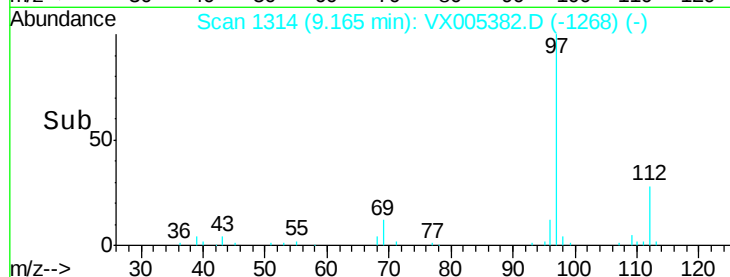
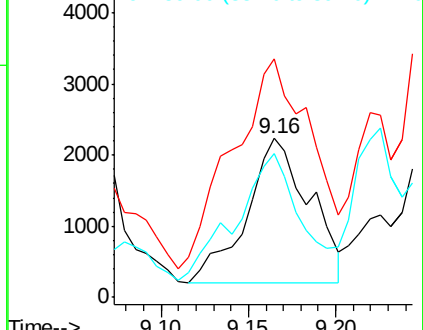
39 87.0 26.1 39.1#



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



#59

2-Hexanone

Concen: 3.35 ug/l

RT: 9.45 min Scan# 1360

Delta R.T. -0.05 min

Lab File: VX005382.D

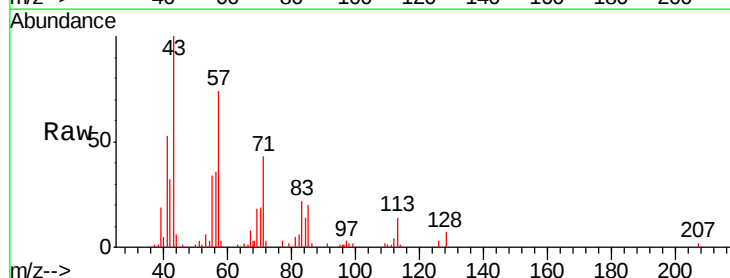
Acq: 17 Oct 2018 09:58

Tgt Ion: 43 Resp: 12798

Ion Ratio Lower Upper

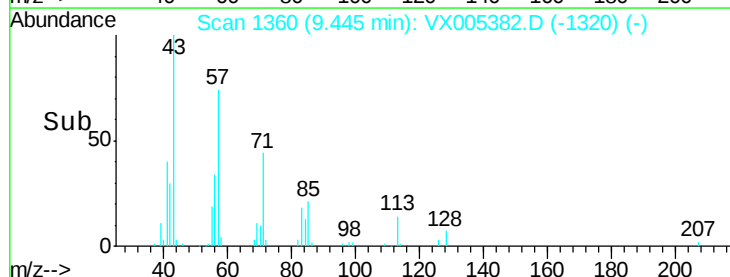
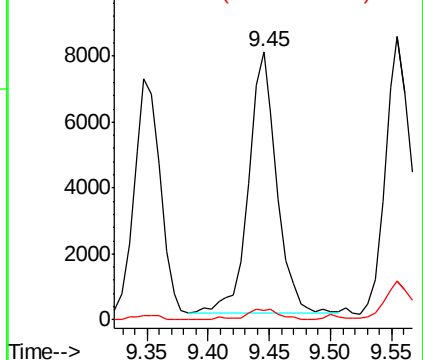
43 100

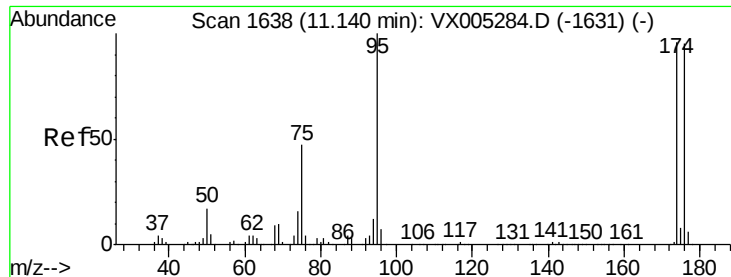
58 5.0 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.24 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

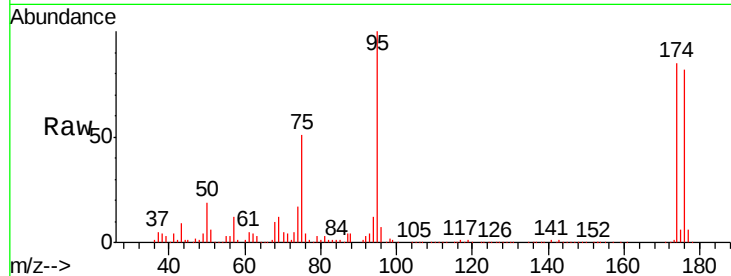
Tgt Ion: 95 Resp: 174136

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

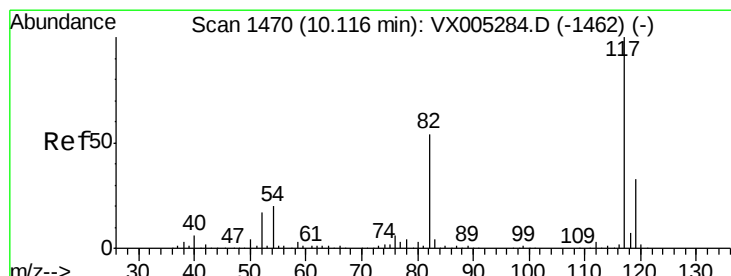
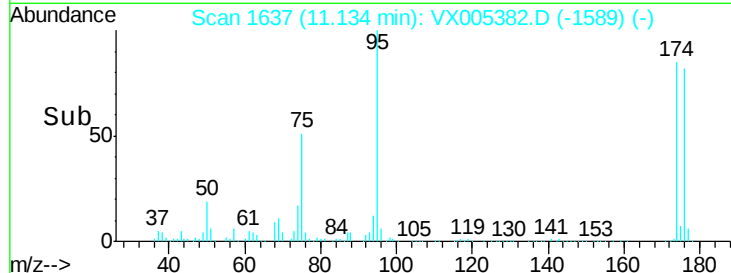
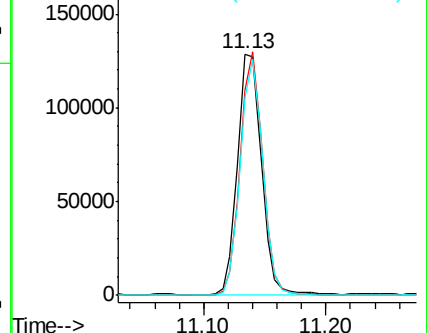
176 91.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

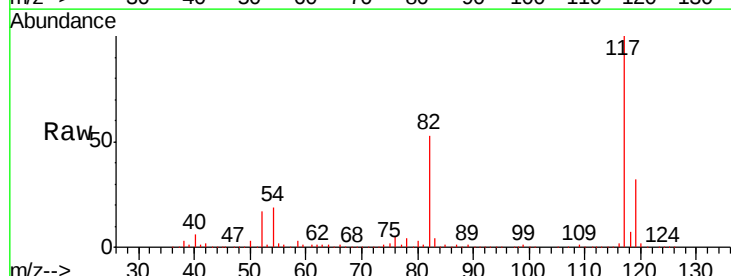
Tgt Ion: 117 Resp: 375394

Ion Ratio Lower Upper

117 100

82 52.9 47.8 71.6

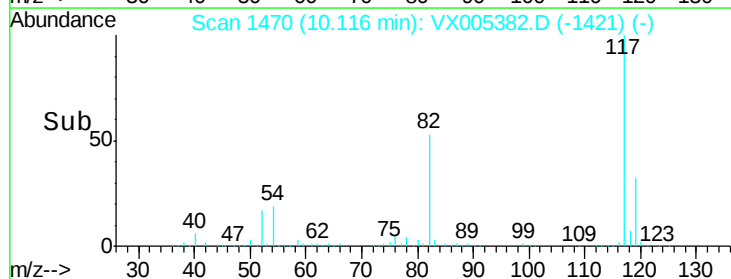
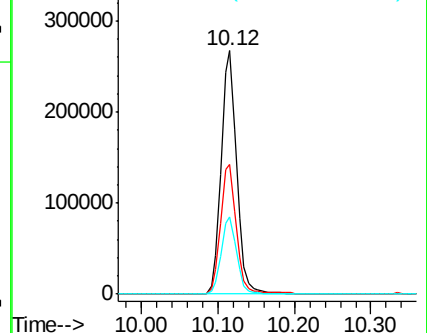
119 32.0 29.3 43.9

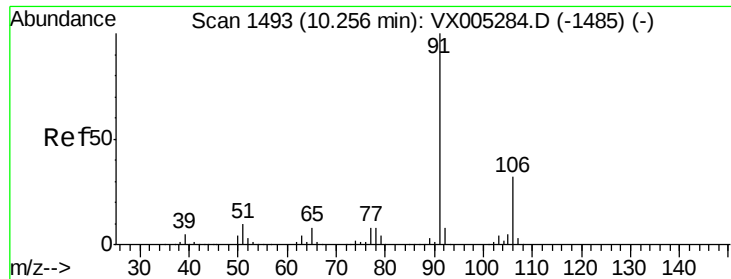


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 26.16 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

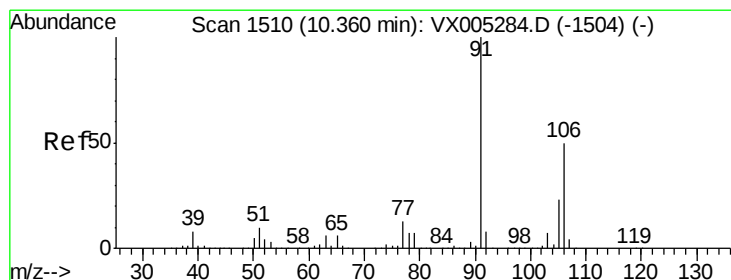
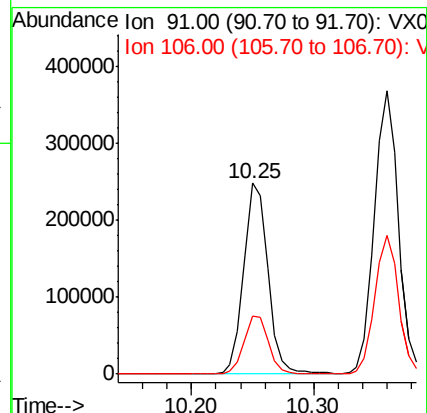
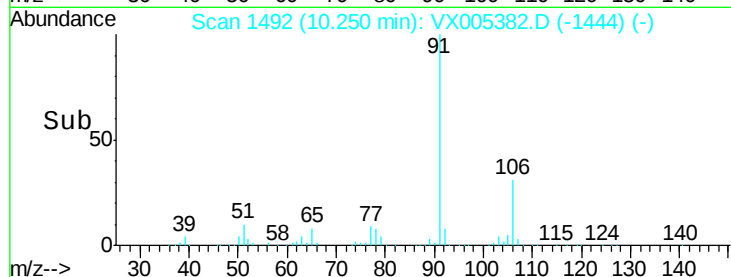
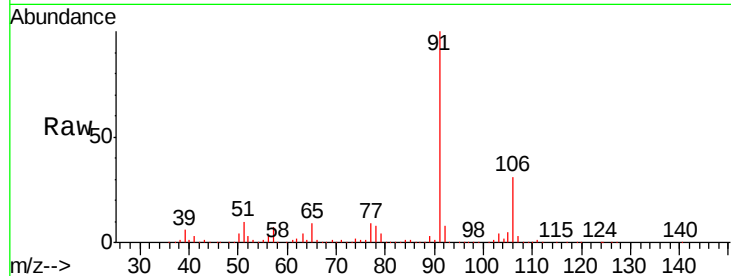
AOC2-01A

Tgt Ion: 91 Resp: 339628

Ion Ratio Lower Upper

91 100

106 30.6 25.9 38.9



#68

m/p-Xylenes

Concen: 49.41 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005382.D

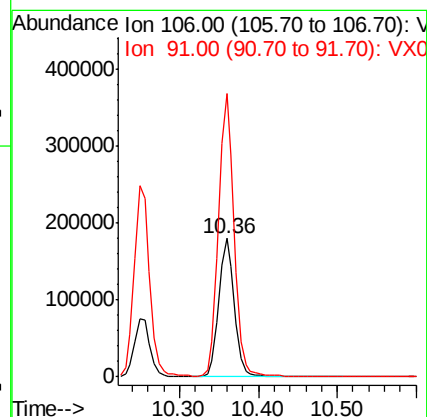
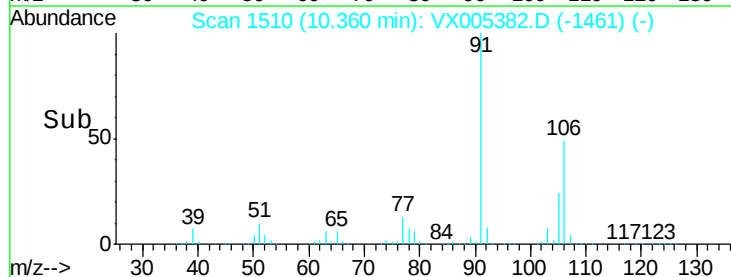
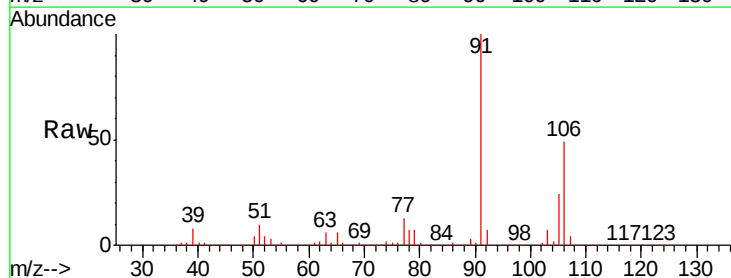
Acq: 17 Oct 2018 09:58

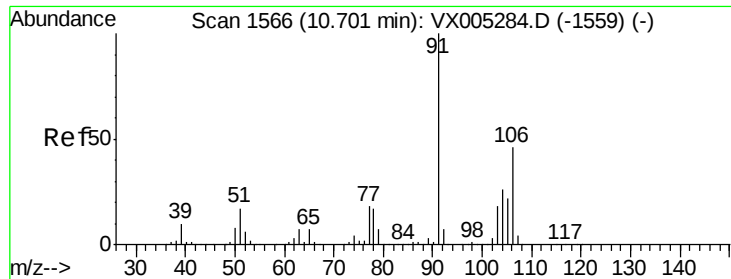
Tgt Ion: 106 Resp: 248926

Ion Ratio Lower Upper

106 100

91 204.4 157.1 235.7

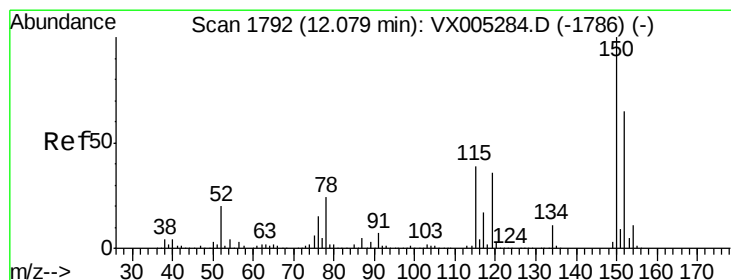
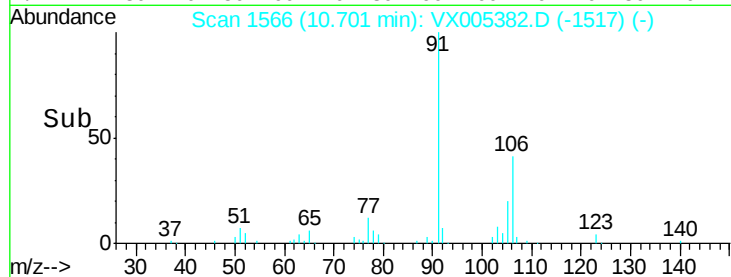
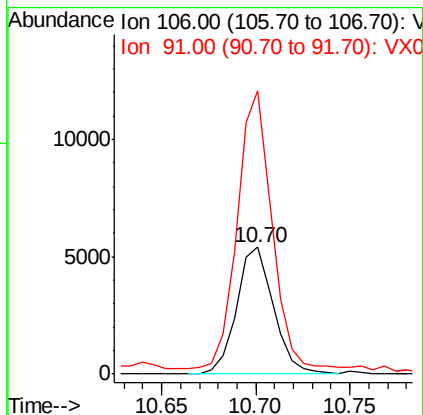
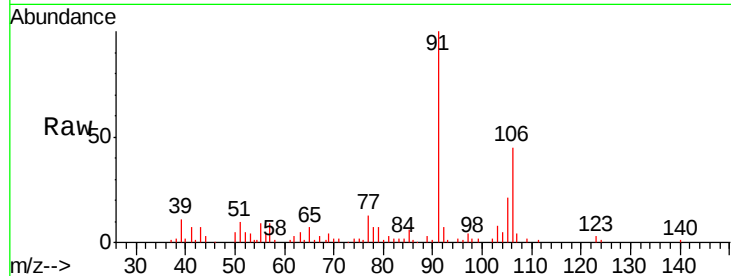




#69
o-Xylene
Concen: 1.51 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

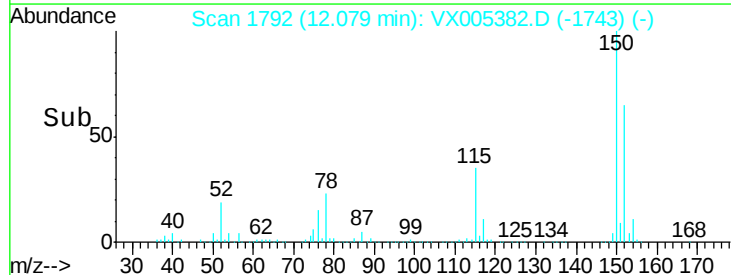
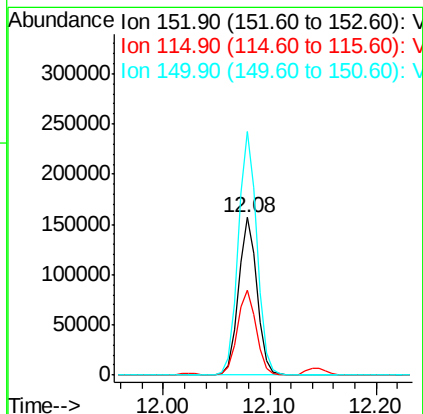
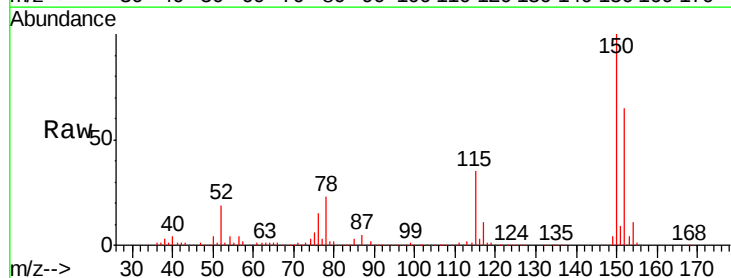
Instrument :
MSVOA_X
ClientSampled :
AOC2-01A

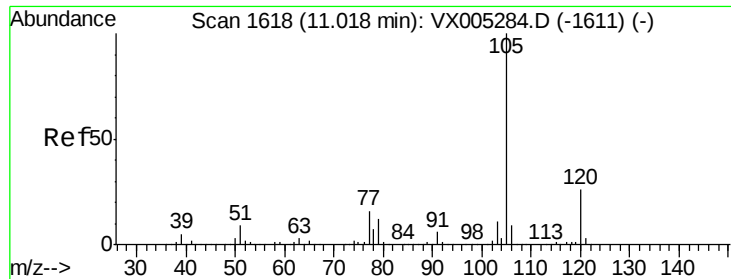
Tgt Ion:106 Resp: 7337
Ion Ratio Lower Upper
106 100
91 204.4 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

Tgt Ion:152 Resp: 190816
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.3 0.0 351.0





#73

Isopropylbenzene

Concen: 3.88 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

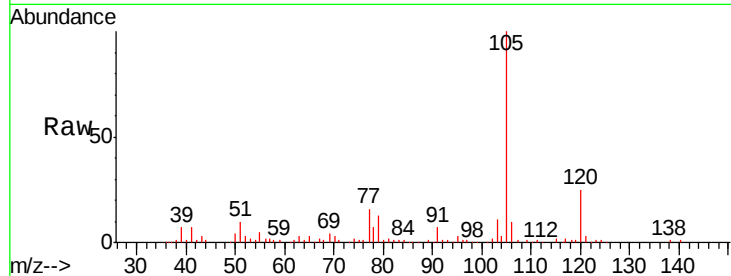
AOC2-01A

Tgt Ion: 105 Resp: 44061

Ion Ratio Lower Upper

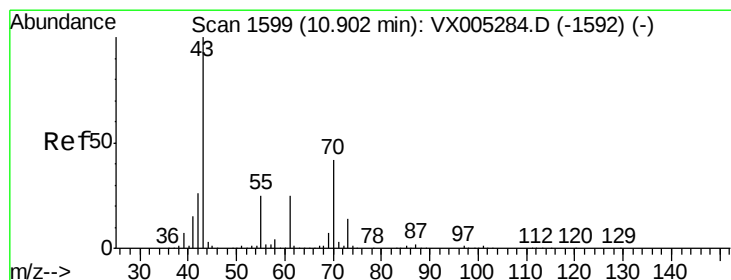
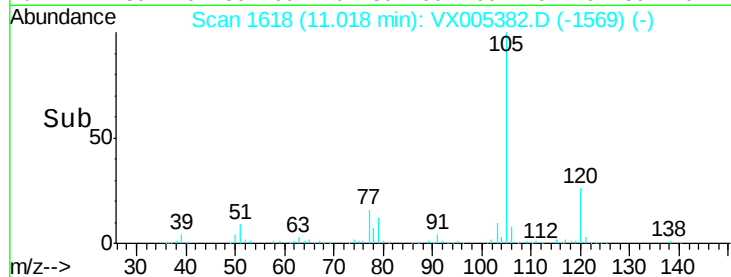
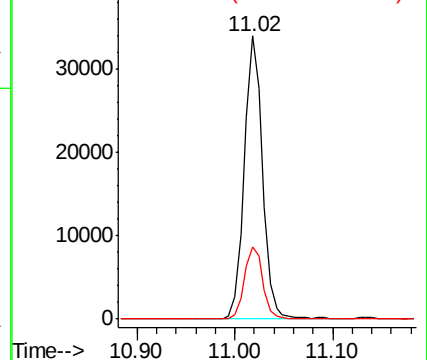
105 100

120 25.7 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-ethyl acetate

Concen: 1.03 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Tgt Ion: 43 Resp: 5622

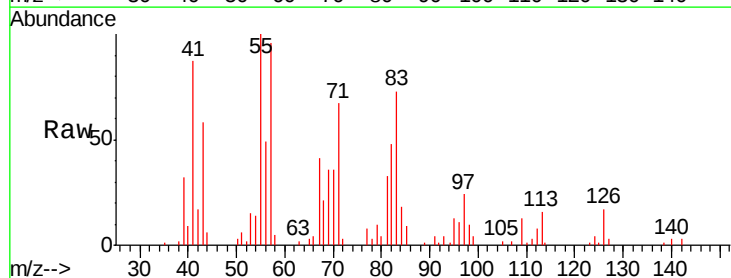
Ion Ratio Lower Upper

43 100

70 30.4 37.4 56.0#

55 207.9 21.8 32.8#

61 0.0 20.6 30.8#

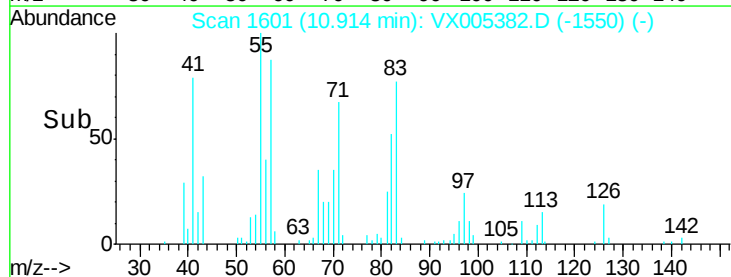
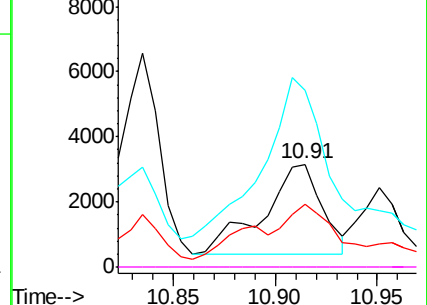


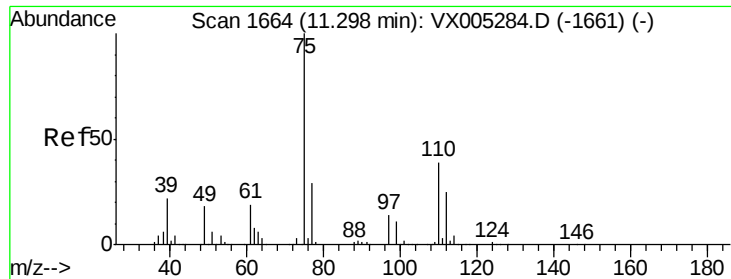
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 0.83 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.16 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

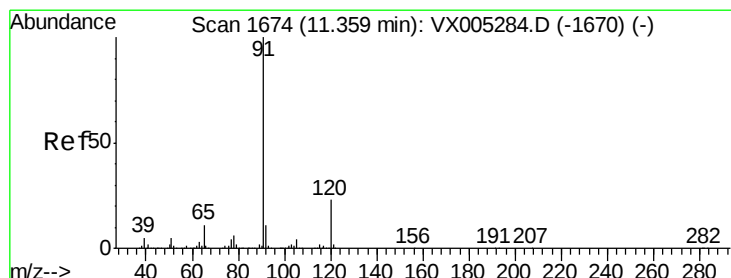
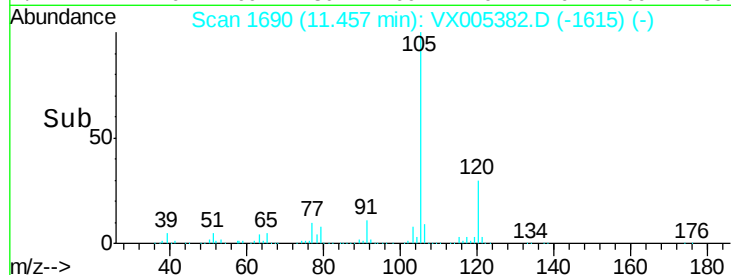
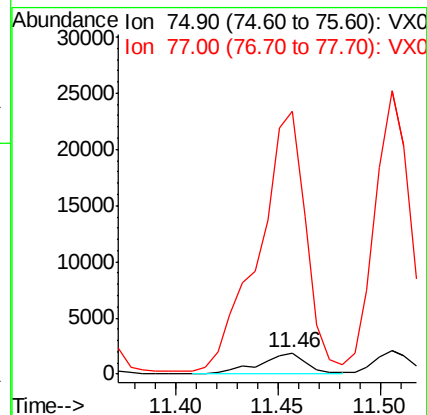
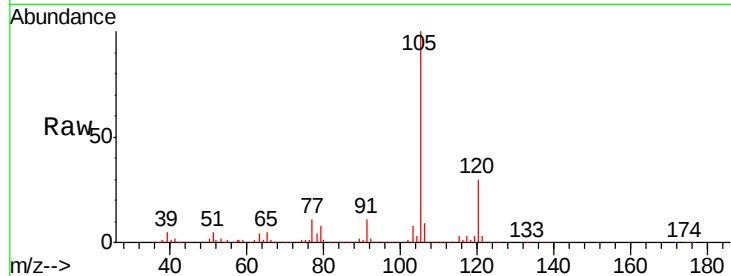
AOC2-01A

Tgt Ion: 75 Resp: 3087

Ion Ratio Lower Upper

75 100

77 1224.7 20.2 60.6#



#78

n-propylbenzene

Concen: 14.39 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005382.D

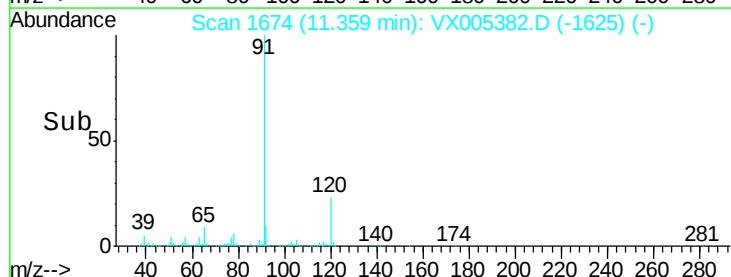
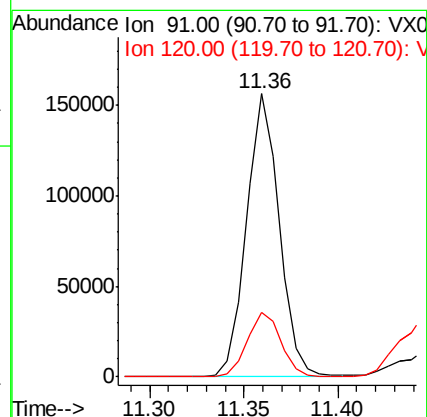
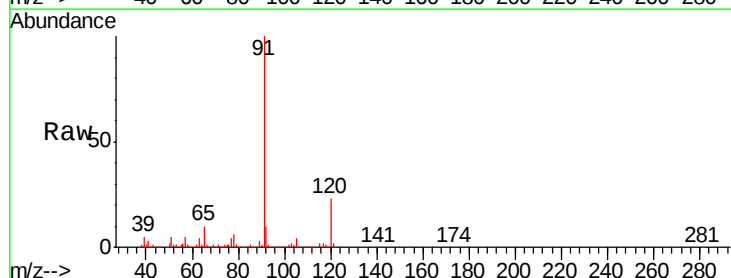
Acq: 17 Oct 2018 09:58

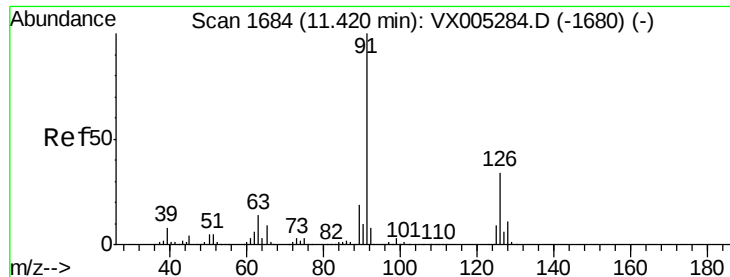
Tgt Ion: 91 Resp: 187805

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 4.98 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

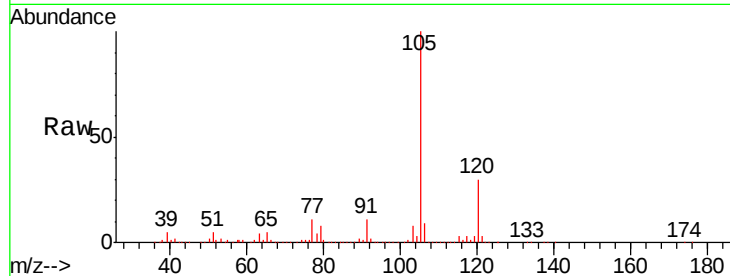
AOC2-01A

Tgt Ion: 91 Resp: 39795

Ion Ratio Lower Upper

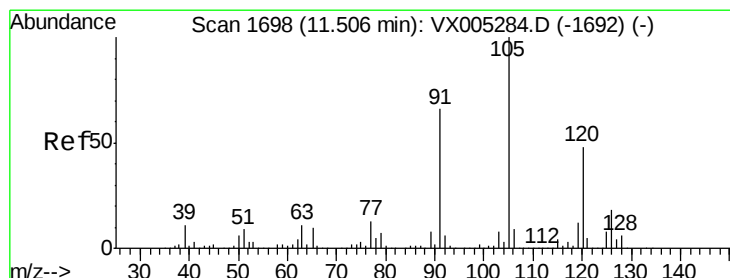
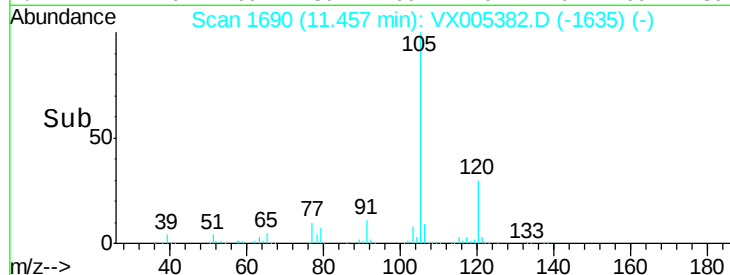
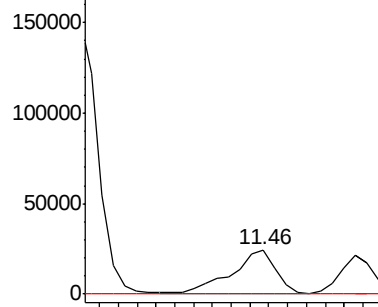
91 100

126 0.0 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: 25.36 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005382.D

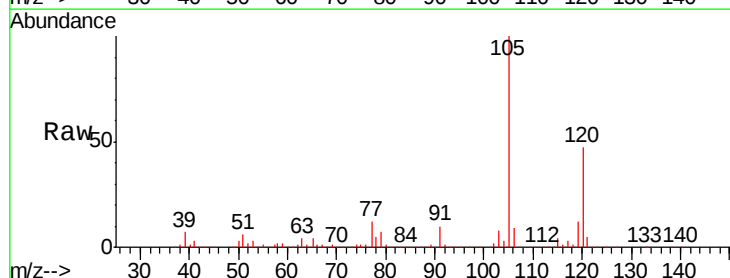
Acq: 17 Oct 2018 09:58

Tgt Ion: 105 Resp: 246311

Ion Ratio Lower Upper

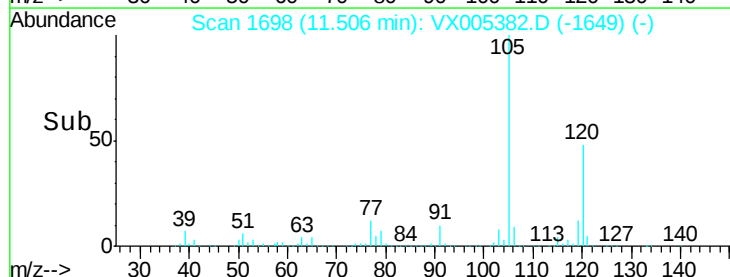
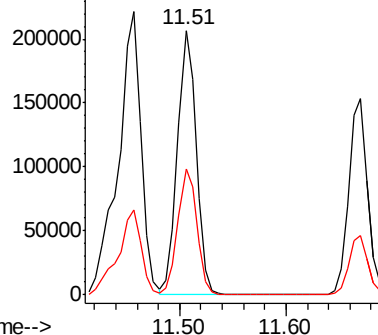
105 100

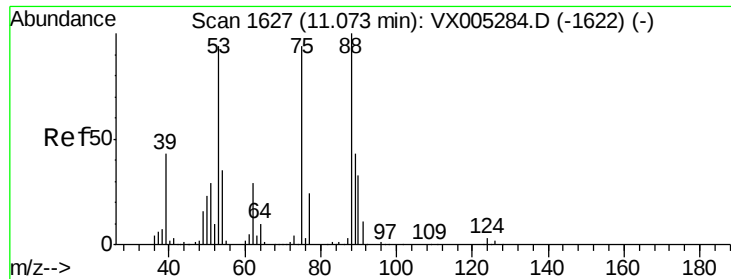
120 48.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.95 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

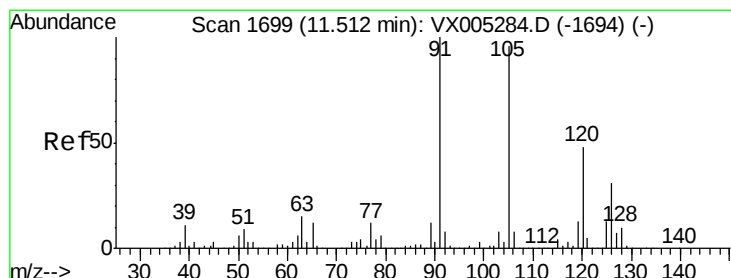
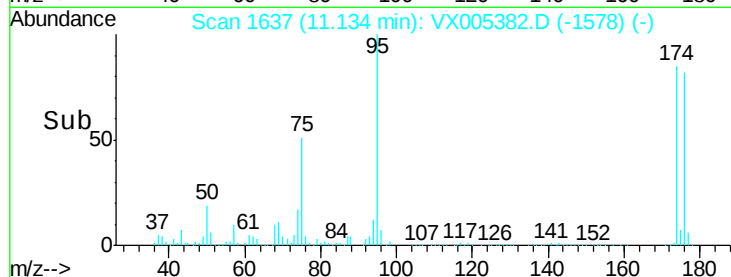
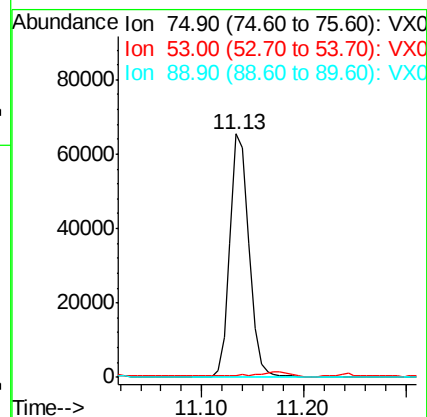
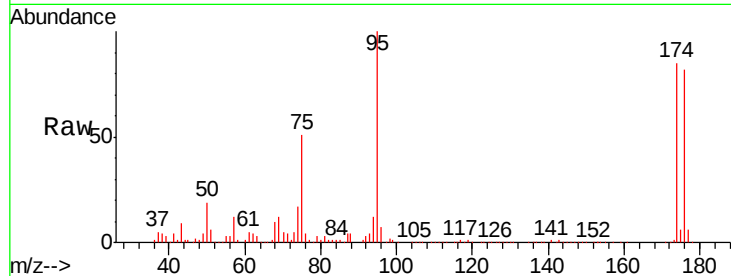
Tgt Ion: 75 Resp: 85213

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 37.2 55.8#



#82

4-Chlorotoluene

Concen: 2.73 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005382.D

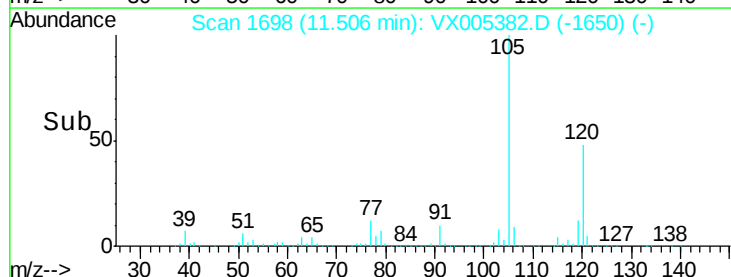
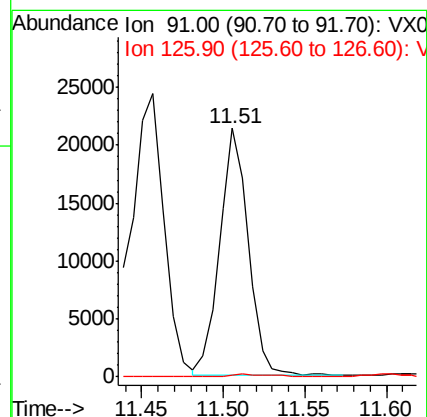
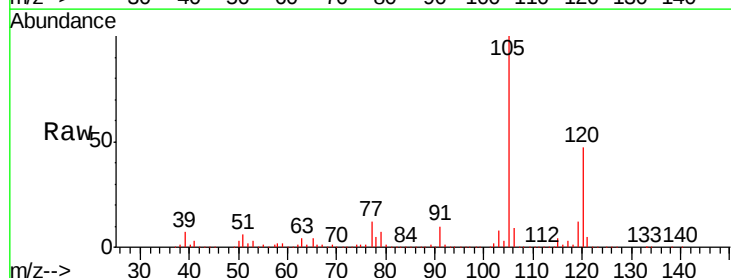
Acq: 17 Oct 2018 09:58

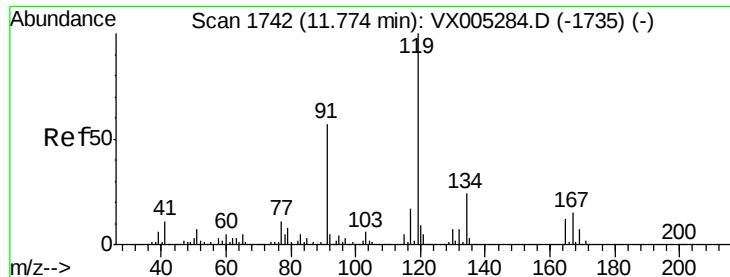
Tgt Ion: 91 Resp: 25899

Ion Ratio Lower Upper

91 100

126 1.7 15.5 46.5#

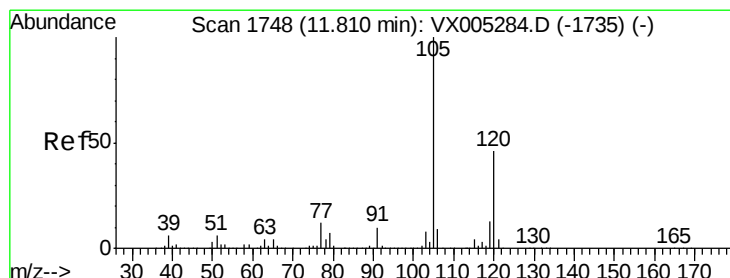
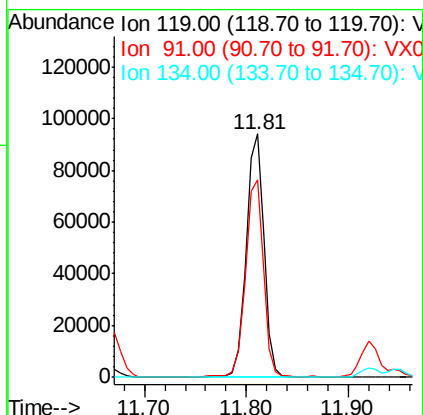
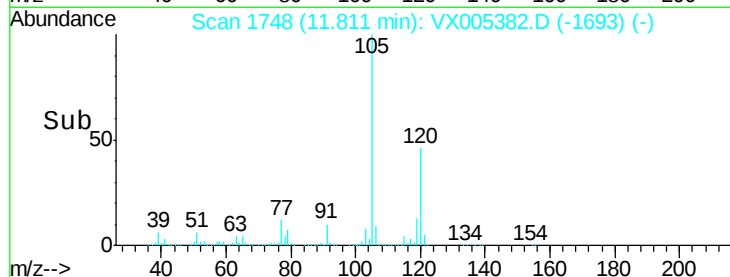
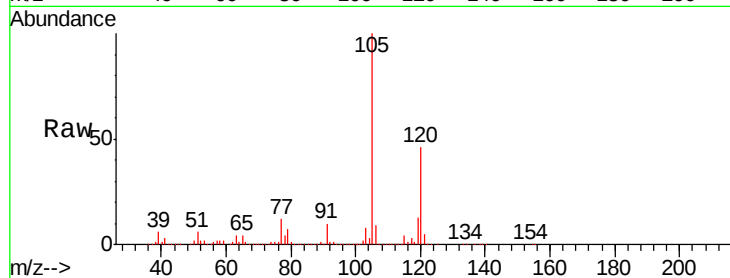




#83
 tert-Butylbenzene
 Concen: 11.49 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX005382.D
 Acq: 17 Oct 2018 09:58

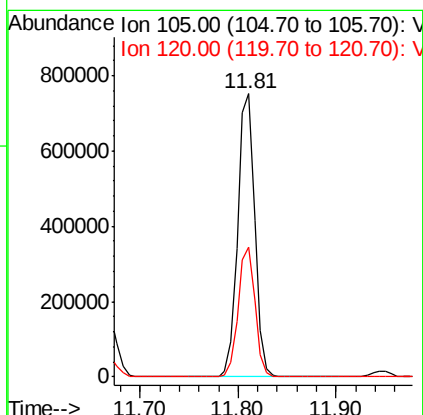
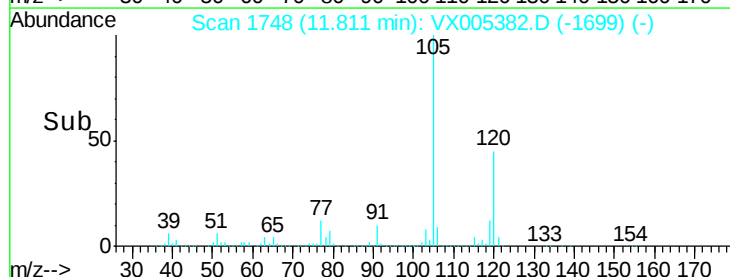
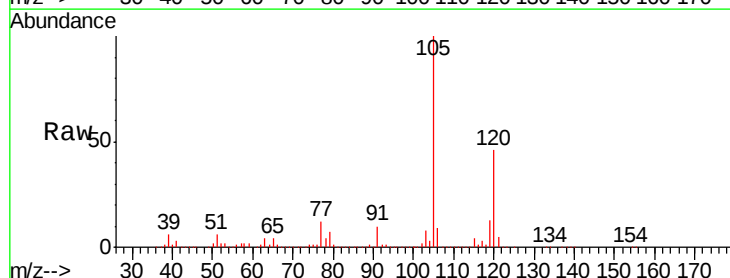
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-01A

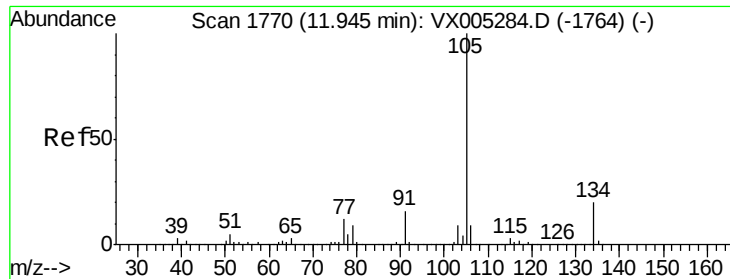
Tgt Ion:119 Resp: 113010
 Ion Ratio Lower Upper
 119 100
 91 81.5 27.0 81.0#
 134 0.4 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 90.60 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005382.D
 Acq: 17 Oct 2018 09:58

Tgt Ion:105 Resp: 905720
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 77.80 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

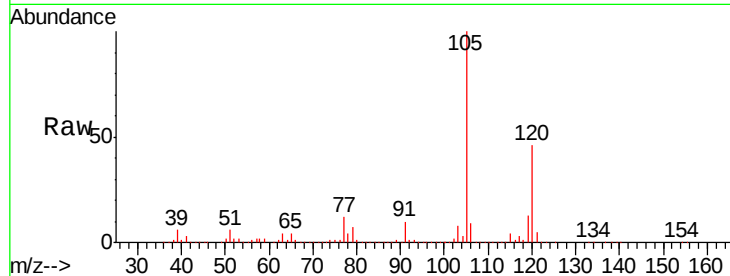
AOC2-01A

Tgt Ion:105 Resp: 905720

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

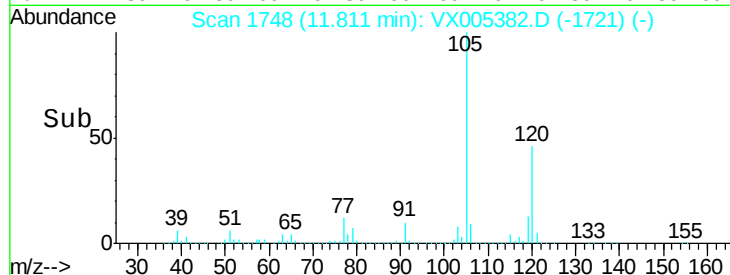
600000

400000

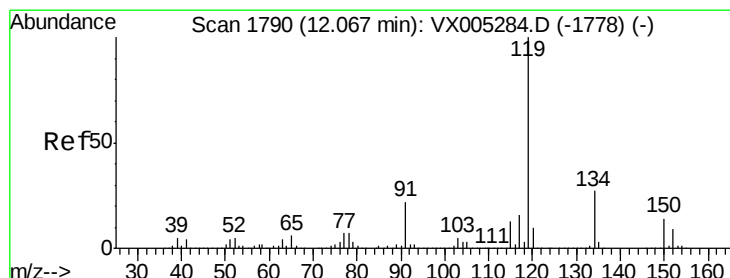
200000

0

11.70 11.80 11.90



Time-->



#86

p-Isopropyltoluene

Concen: 1.08 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

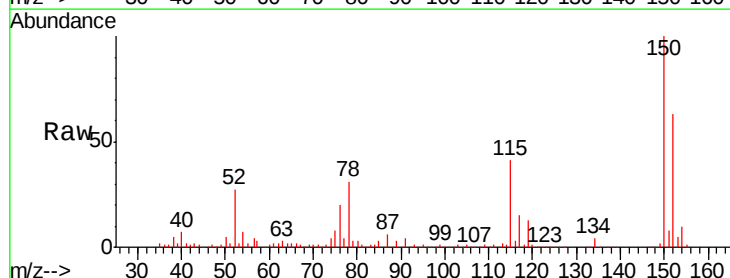
Tgt Ion:119 Resp: 11327

Ion Ratio Lower Upper

119 100

134 29.3 13.4 40.2

91 29.1 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

30000

25000

20000

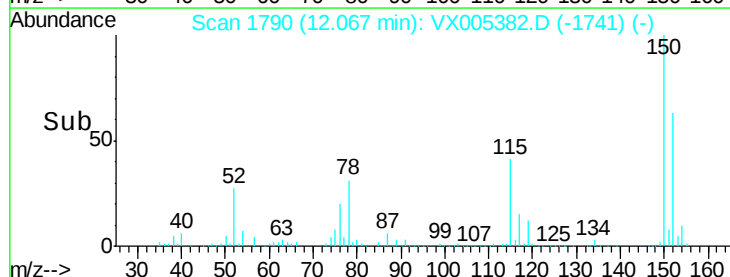
15000

10000

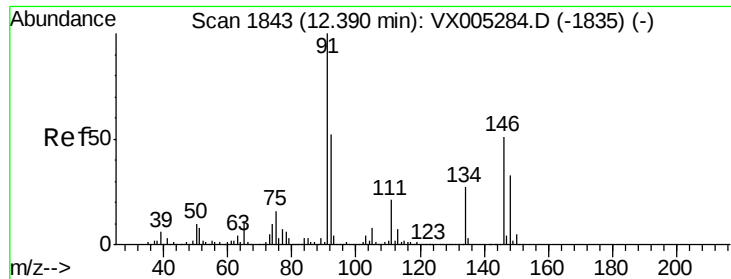
5000

0

12.05 12.10



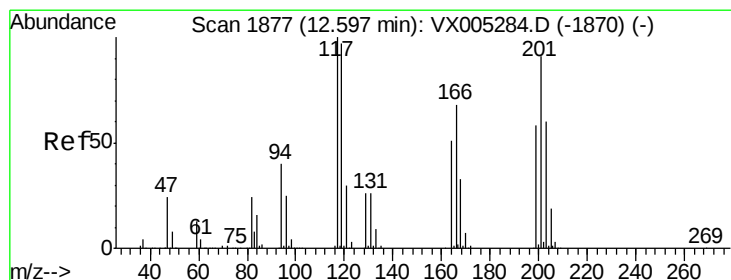
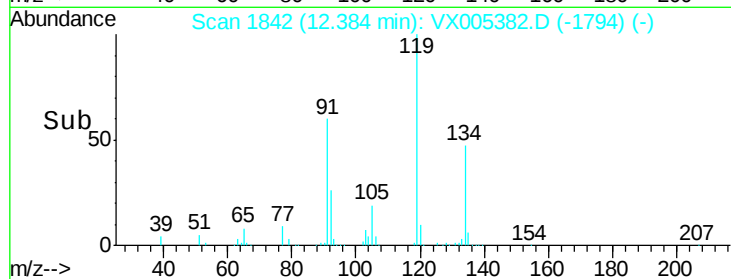
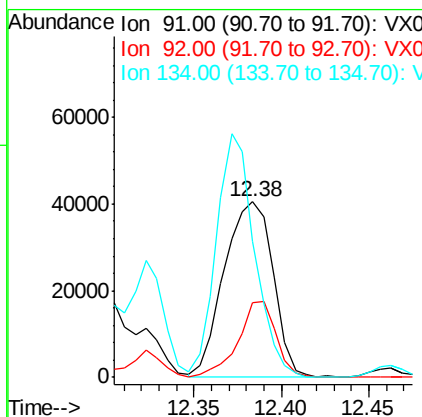
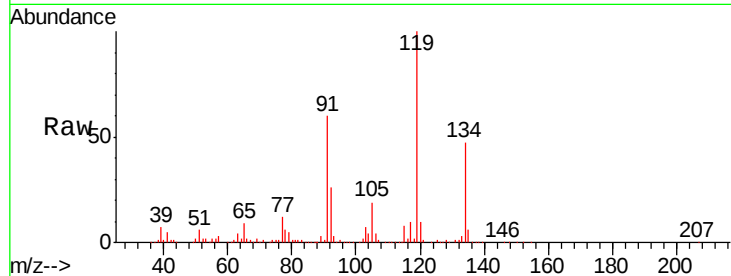
Time-->



#89
n-Butylbenzene
Concen: 8.17 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

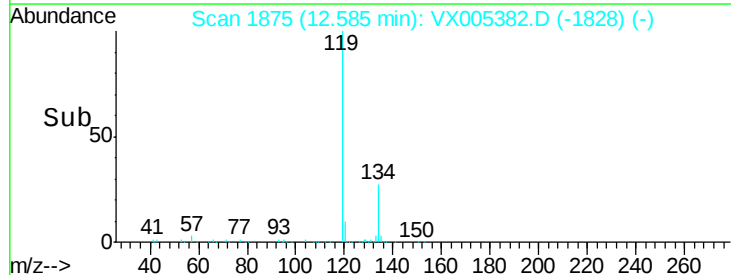
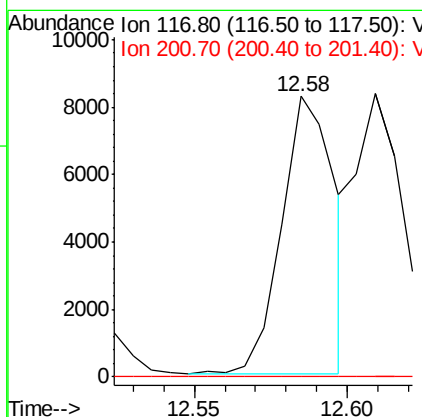
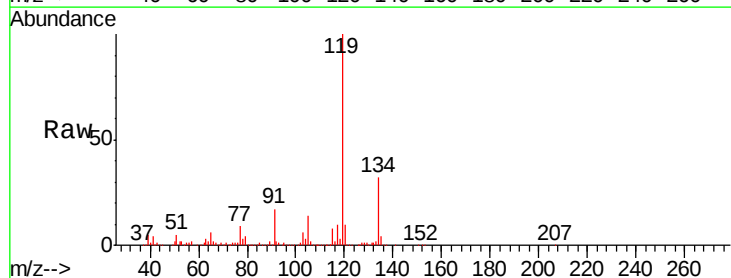
Instrument :
MSVOA_X
ClientSampled :
AOC2-01A

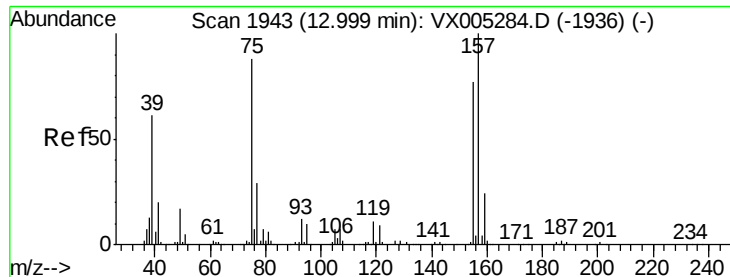
Tgt Ion: 91 Resp: 78057
Ion Ratio Lower Upper
91 100
92 34.0 27.3 81.9
134 109.3 13.6 40.7#



#90
Hexachloroethane
Concen: 5.46 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005382.D
Acq: 17 Oct 2018 09:58

Tgt Ion: 117 Resp: 9898
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.86 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

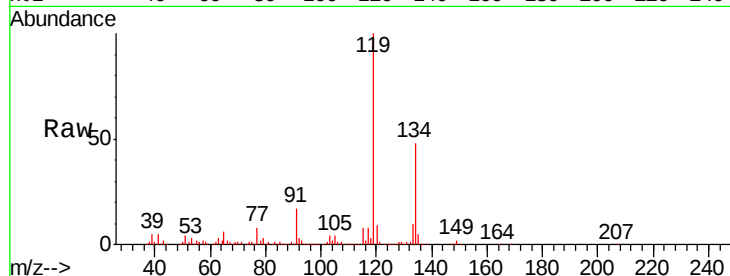
Tgt Ion: 75 Resp: 902

Ion Ratio Lower Upper

75 100

155 7.5 48.0 144.2#

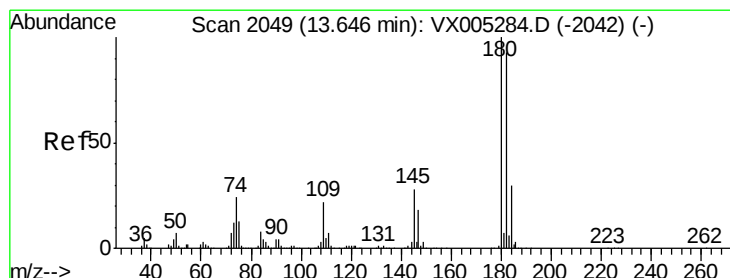
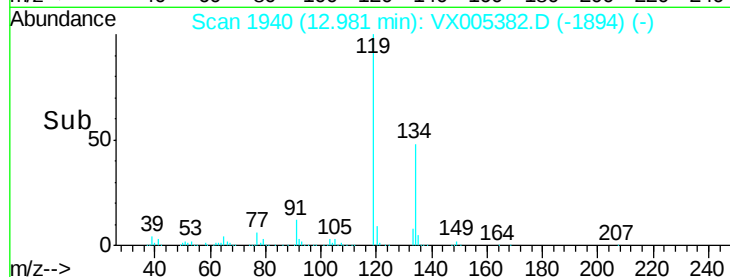
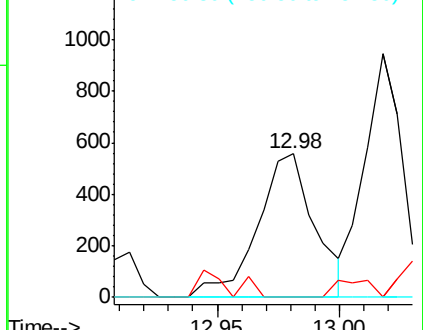
157 0.0 61.4 184.1#



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: 0.27 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

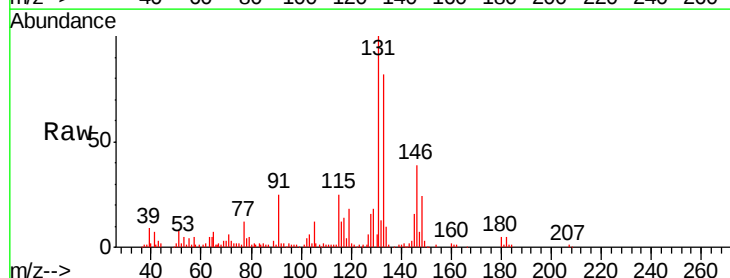
Tgt Ion: 180 Resp: 1210

Ion Ratio Lower Upper

180 100

182 98.7 48.4 145.0

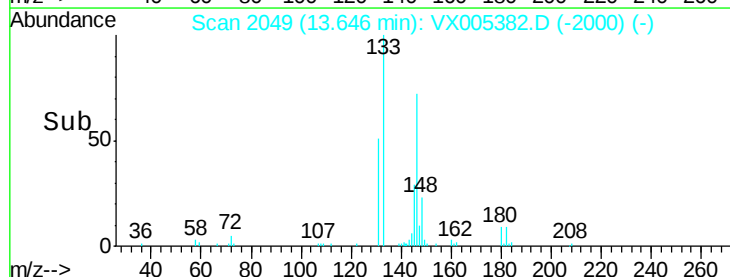
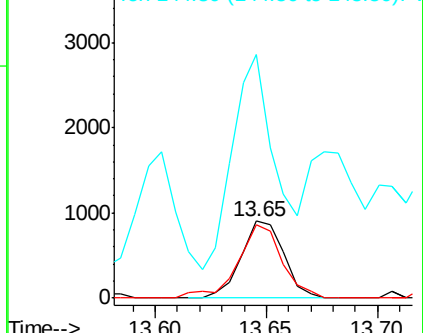
145 276.9 14.3 42.9#

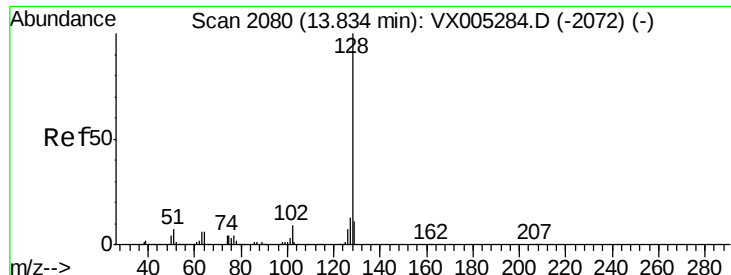


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 10.22 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005382.D

Acq: 17 Oct 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

AOC2-01A

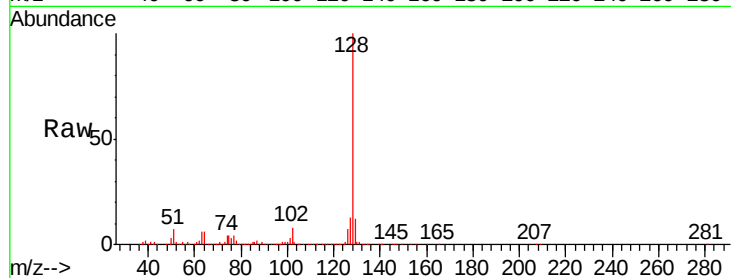
Tgt Ion:128 Resp: 134447

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

150000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

