

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051893.D
 Acq On : 16 Oct 2018 14:02
 Operator : MD\SY
 Sample : J5515-13 50X
 Misc : 6.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

Quant Time: Oct 17 02:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	885420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1272646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1156639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	535444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	474419	56.06	ug/l	0.00
Spiked Amount			Recovery	=	112.12%	
35) Dibromofluoromethane	7.59	113	467194	59.04	ug/l	0.00
Spiked Amount			Recovery	=	118.08%	
50) Toluene-d8	10.09	98	1780143	60.37	ug/l	0.00
Spiked Amount			Recovery	=	120.74%	
62) 4-Bromofluorobenzene	12.40	95	561202	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2080	0.258	ug/l #	60
13) Acrolein	3.56	56	900	17.261	ug/l #	1
14) Allyl chloride	4.41	41	2566	0.322	ug/l #	57
15) Acrylonitrile	5.06	53	7969	3.933	ug/l #	36
16) Acetone	3.81	43	9395	5.148	ug/l #	41
18) Methyl Acetate	4.59	43	259157	54.199	ug/l #	50
25) 2-Butanone	6.80	43	1144	0.444	ug/l #	47
29) Tetrahydrofuran	7.21	42	1035	0.673	ug/l #	38
31) Cyclohexane	7.64	56	116262	9.543	ug/l #	68
36) 1,1-Dichloropropene	7.67	75	57019	5.534	ug/l #	49
38) Carbon Tetrachloride	7.66	117	79438	6.652	ug/l #	16
39) Methylcyclohexane	9.08	83	142773	11.280	ug/l	90
40) Benzene	8.04	78	47834	1.609	ug/l	99
41) Methacrylonitrile	7.21	41	3750	1.470	ug/l #	27
43) Isopropyl Acetate	8.15	43	21538	1.478	ug/l #	58
47) Bromodichloromethane	9.38	83	12711	1.186	ug/l #	24
48) Methyl methacrylate	9.22	41	24804	5.264	ug/l #	28
51) 4-Methyl-2-Pentanone	10.02	43	89301	16.263	ug/l #	81
52) Toluene	10.16	92	90347	4.527	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	43884	5.845	ug/l #	29
59) 2-Hexanone	10.72	43	26154	6.781	ug/l #	28
67) Ethyl Benzene	11.51	91	973853	25.149	ug/l	97
68) m/p-Xylenes	11.62	106	721314	46.114	ug/l	96
69) o-Xylene	11.95	106	21052	1.386	ug/l	95
71) Bromoform	12.40	173	4441	4.166	ug/l #	1
73) Isopropylbenzene	12.25	105	128115	3.105	ug/l	98
74) N-amyl acetate	12.04	43	18481	2.259	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.55	83	3654	0.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	278360	42.065	ug/l #	100
78) n-propylbenzene	12.59	91	511277	11.833	ug/l	96
79) 2-Chlorotoluene	12.69	91	76242	2.929	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	696159	20.707	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	278360	119.715	ug/l #	16
82) 4-Chlorotoluene	12.73	91	70887	2.834	ug/l #	41

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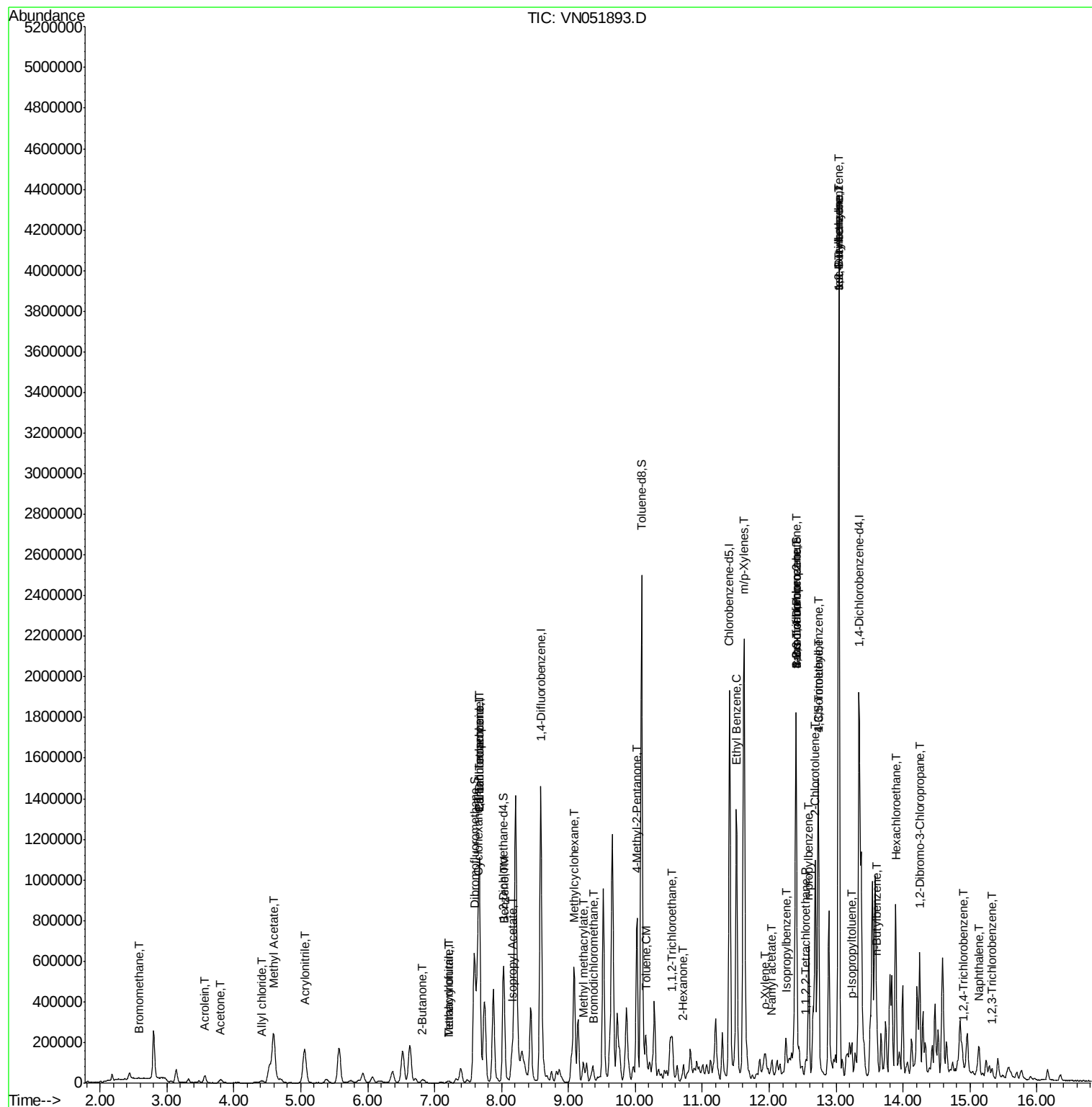
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	312512	10.022	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	2527173	75.495	ug/l	100
85) sec-Butylbenzene	13.04	105	2527173	62.561	ug/l #	56
86) p-Isopropyltoluene	13.23	119	77533	2.183	ug/l	96
89) n-Butylbenzene	13.61	91	89086	3.373	ug/l #	67
90) Hexachloroethane	13.89	117	43484	6.744	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2397	1.797	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	603	3.717	ug/l #	72
95) Naphthalene	15.13	128	117003	9.806	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	234	2.882	ug/l #	69

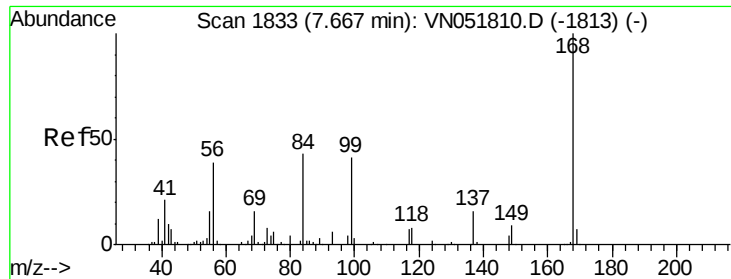
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

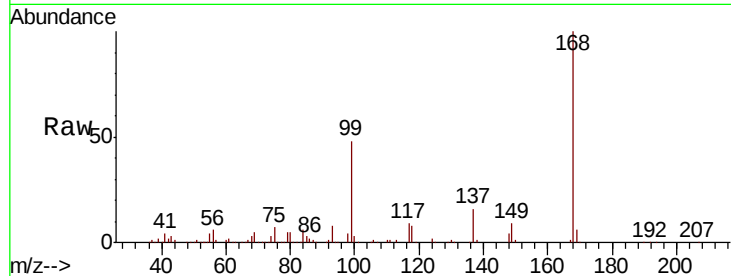
AOC2-01A

Tgt Ion:168 Resp: 885420

Ion Ratio Lower Upper

168 100

99 48.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

400000

300000

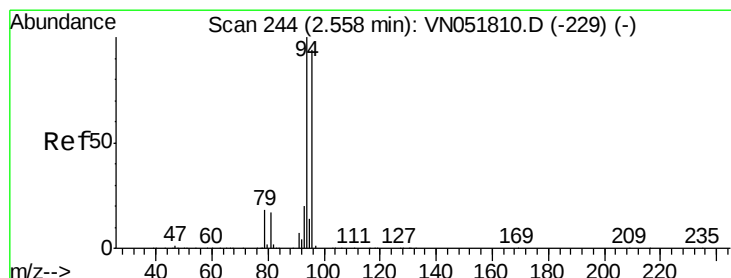
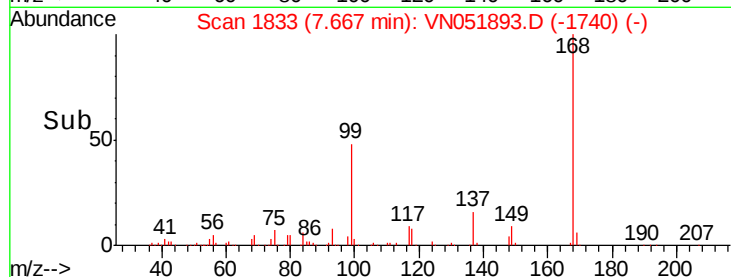
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.258 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051893.D

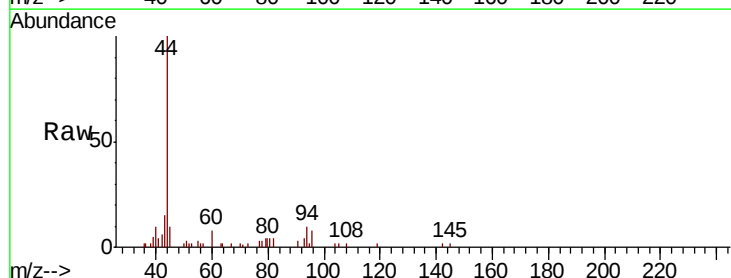
Acq: 16 Oct 2018 14:02

Tgt Ion: 94 Resp: 2080

Ion Ratio Lower Upper

94 100

96 56.1 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN051810.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051810.D (-229) (-)

2.57

1200

1000

800

600

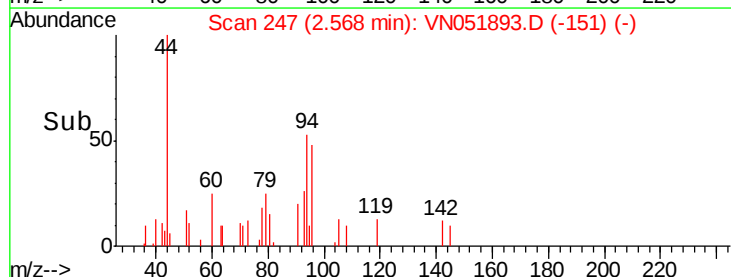
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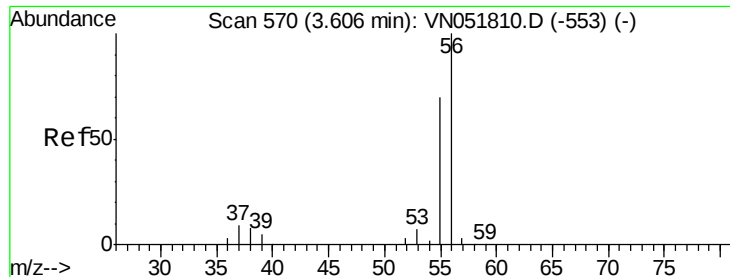
200

0

2.55 2.60

Time-->





#13

Acrolein

Concen: 17.261 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.04 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

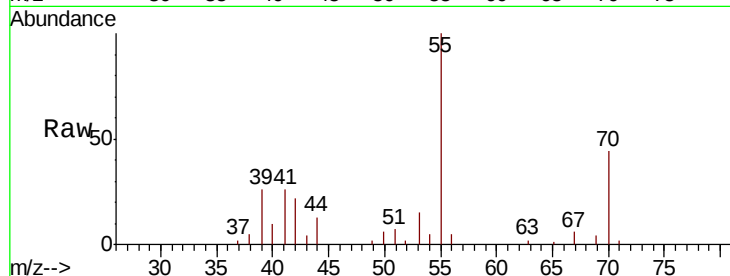
AOC2-01A

Tgt Ion: 56 Resp: 900

Ion Ratio Lower Upper

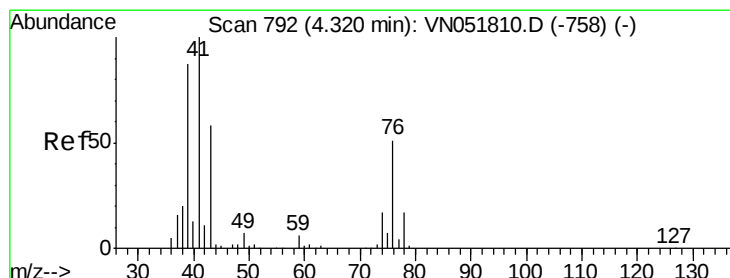
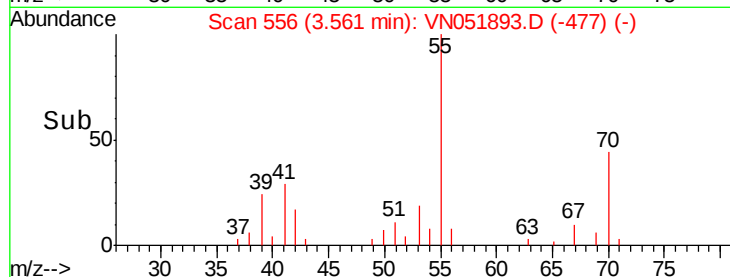
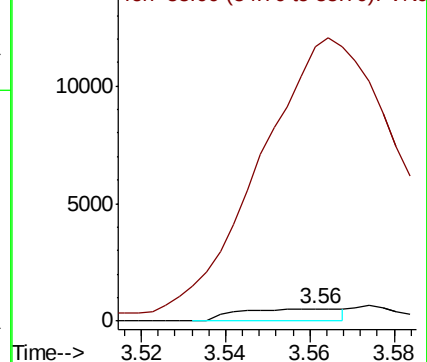
56 100

55 3261.2 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 0.322 ug/l

RT: 4.41 min Scan# 820

Delta R.T. 0.09 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

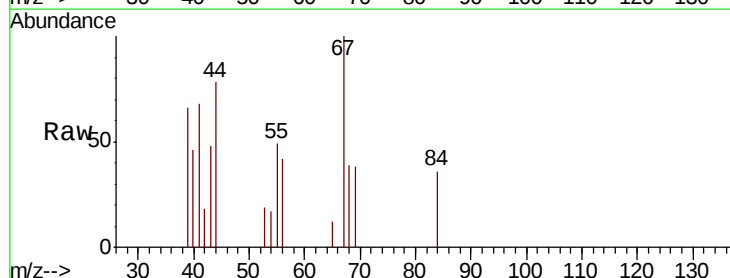
Tgt Ion: 41 Resp: 2566

Ion Ratio Lower Upper

41 100

39 38.9 50.2 75.2#

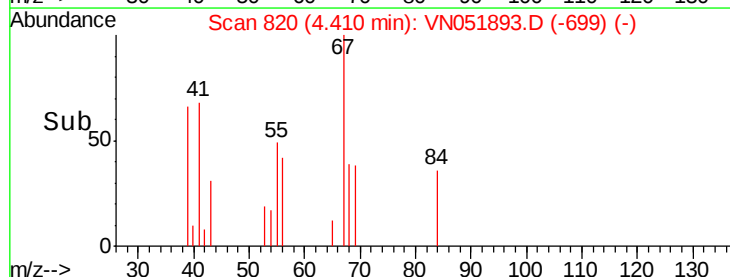
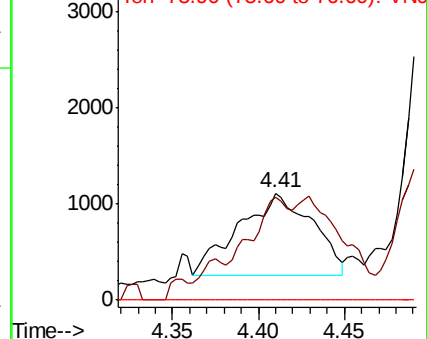
76 0.0 29.8 44.8#

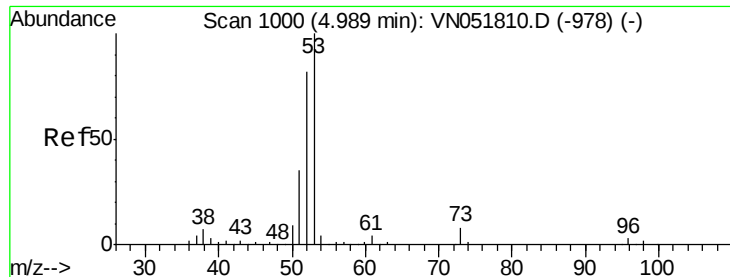


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 3.933 ug/l

RT: 5.06 min Scan# 1022

Delta R.T. 0.07 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

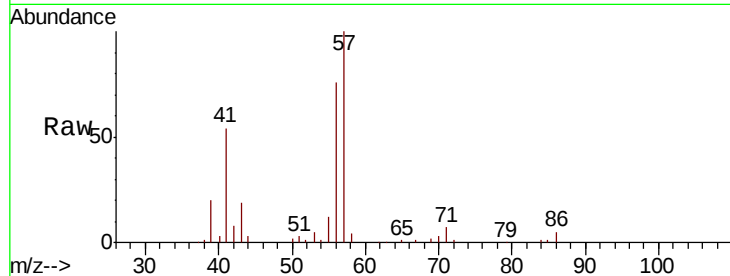
Tgt Ion: 53 Resp: 7969

Ion Ratio Lower Upper

53 100

52 15.8 65.9 98.9#

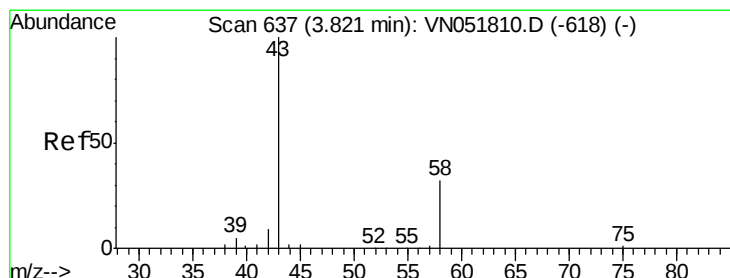
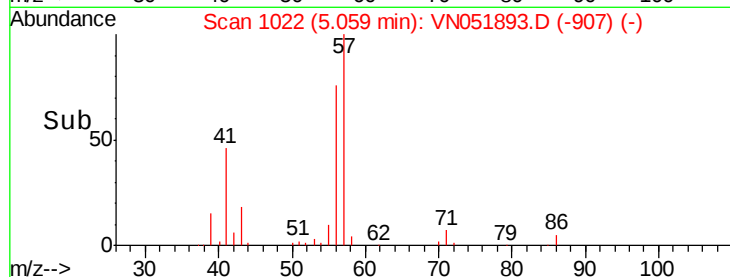
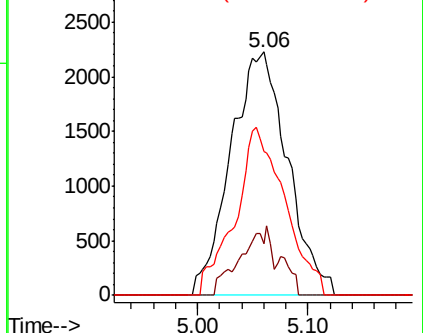
51 59.9 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 5.148 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.02 min

Lab File: VN051893.D

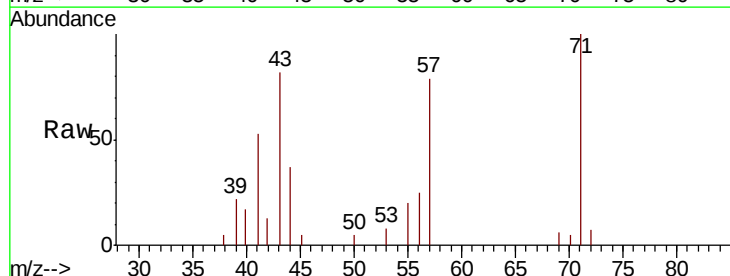
Acq: 16 Oct 2018 14:02

Tgt Ion: 43 Resp: 9395

Ion Ratio Lower Upper

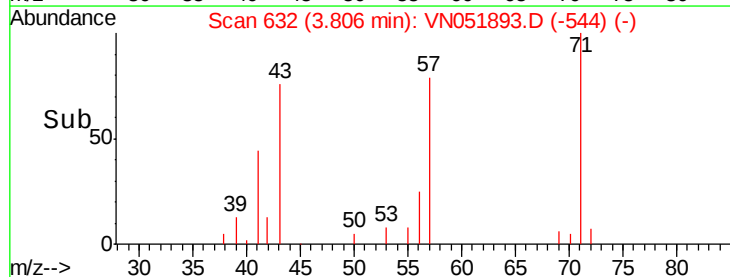
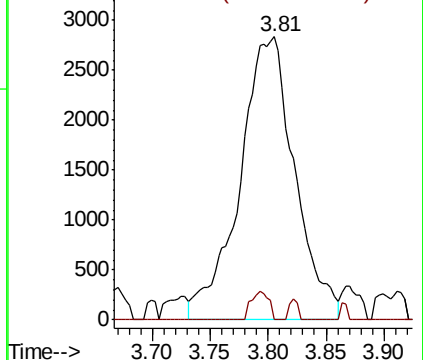
43 100

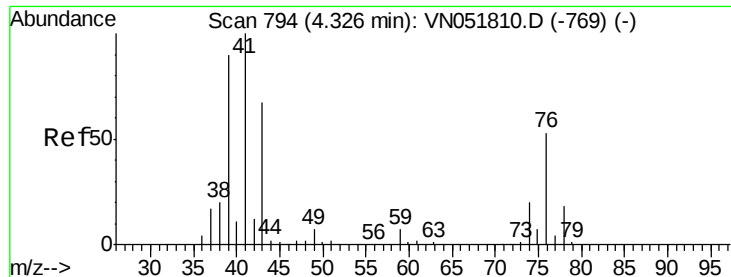
58 0.0 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

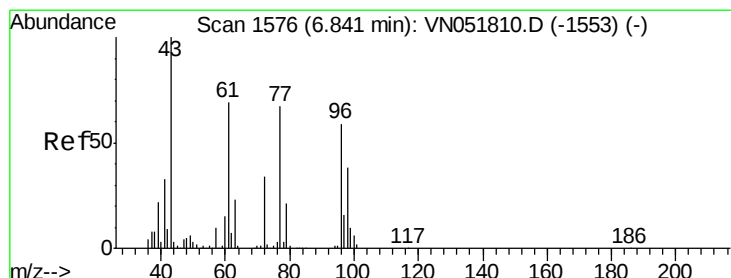
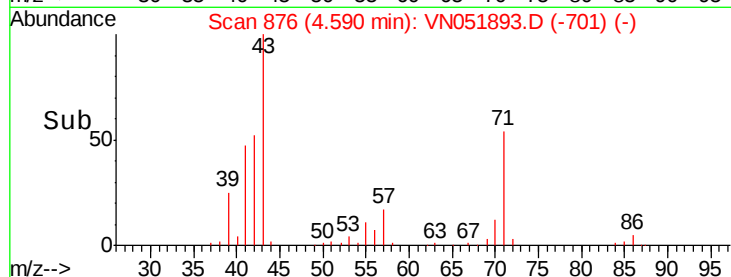
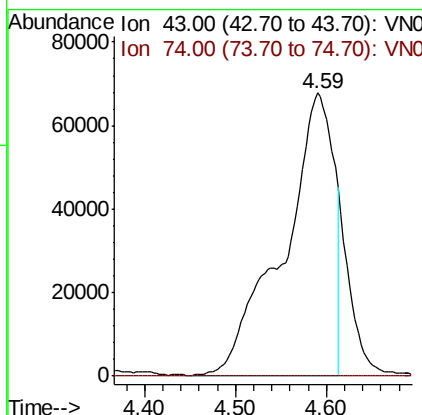
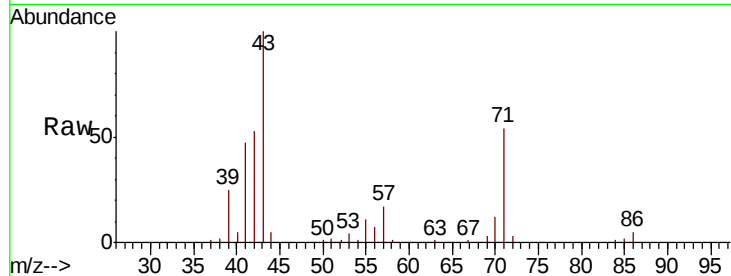




#18
Methyl Acetate
Concen: 54.199 ug/l
RT: 4.59 min Scan# 876
Delta R.T. 0.26 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

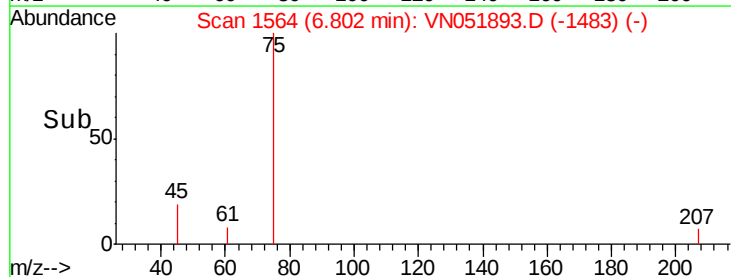
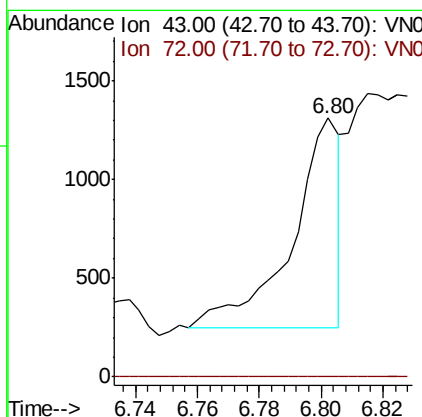
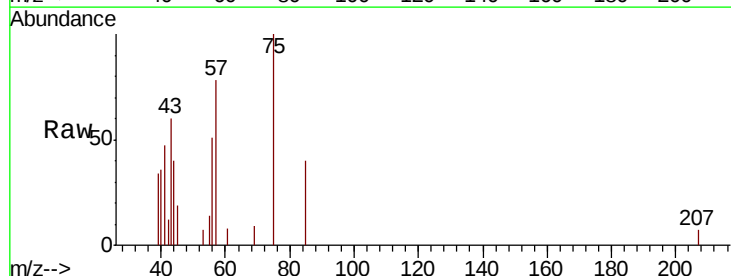
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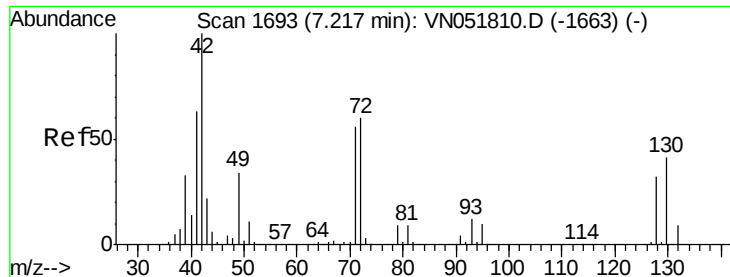
Tgt Ion: 43 Resp: 259157
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#25
2-Butanone
Concen: 0.444 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.04 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.673 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

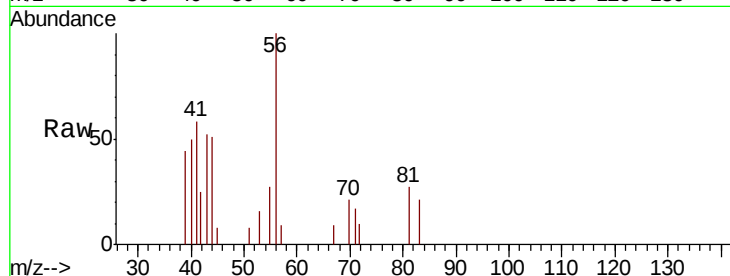
Tgt Ion: 42 Resp: 1035

Ion Ratio Lower Upper

42 100

72 7.1 35.5 53.3#

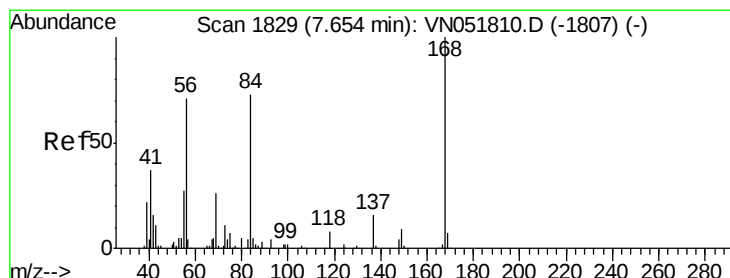
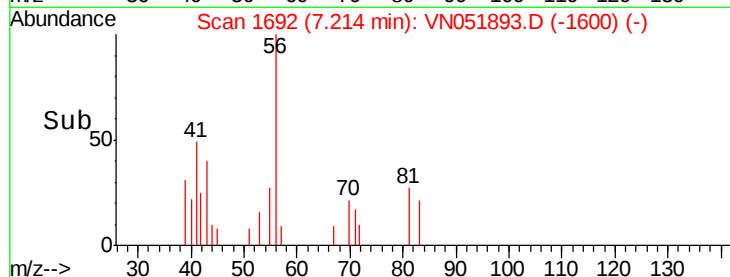
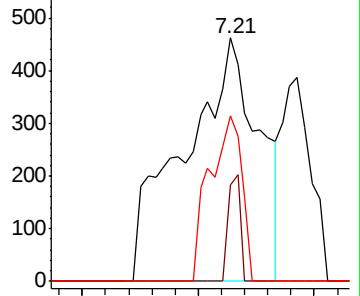
71 0.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN051810.D (-1663) (-)

Ion 72.00 (71.70 to 72.70): VN051810.D (-1663) (-)

Ion 71.00 (70.70 to 71.70): VN051810.D (-1663) (-)



#31

Cyclohexane

Concen: 9.543 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.02 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

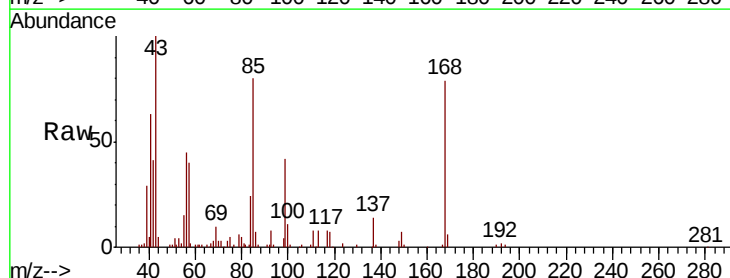
Tgt Ion: 56 Resp: 116262

Ion Ratio Lower Upper

56 100

69 18.1 26.2 39.4#

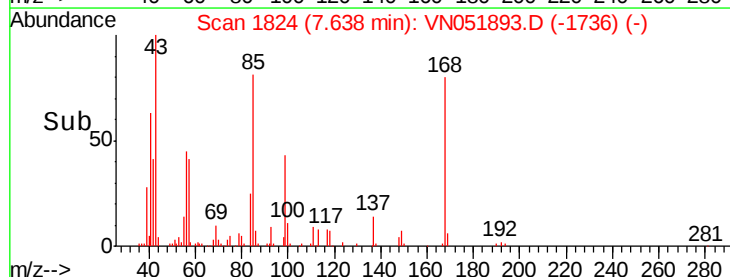
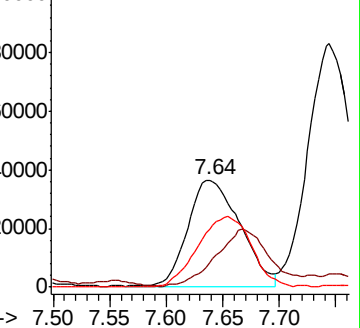
84 54.7 68.3 102.5#

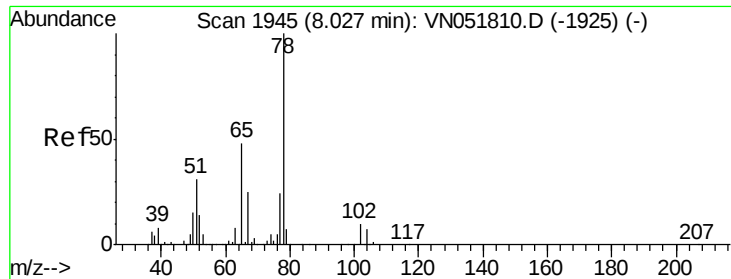


Abundance Ion 56.00 (55.70 to 56.70): VN051810.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN051810.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN051810.D (-1807) (-)

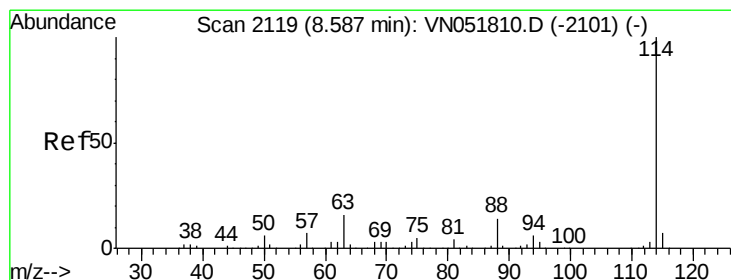
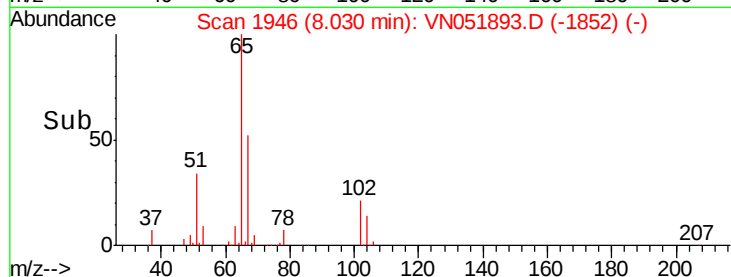
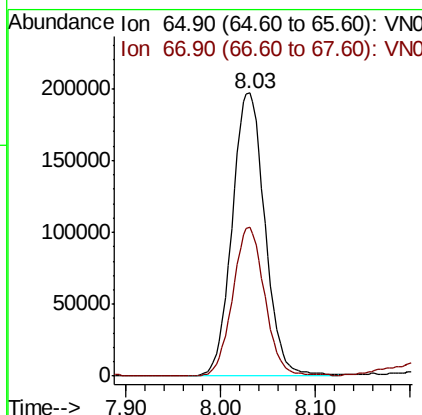
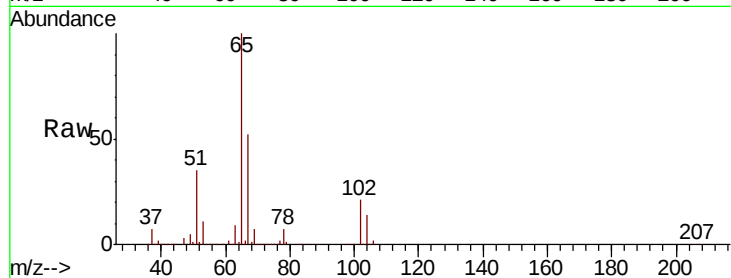




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

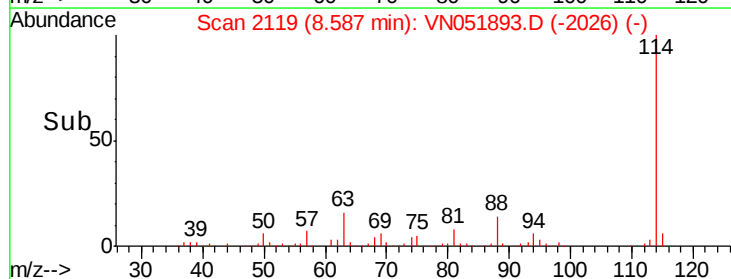
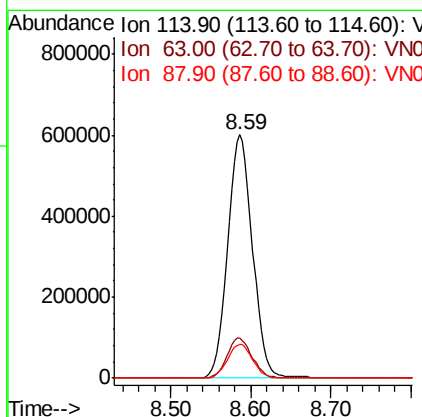
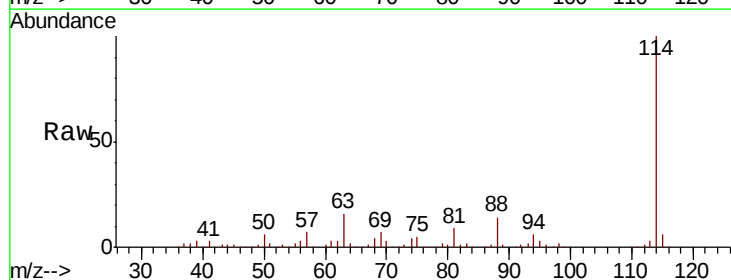
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

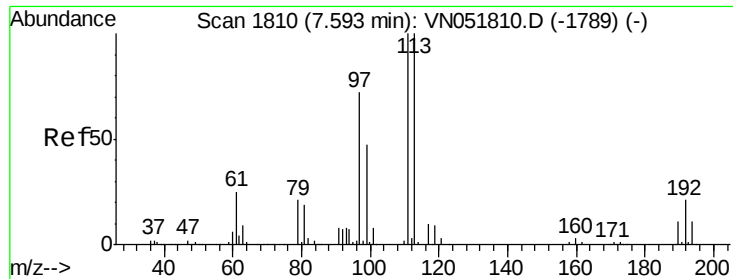
Tgt Ion: 65 Resp: 474419
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion: 114 Resp: 1272646
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 38.6
 88 13.9 0.0 30.6

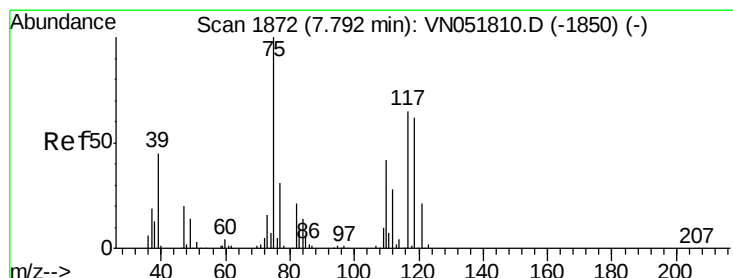
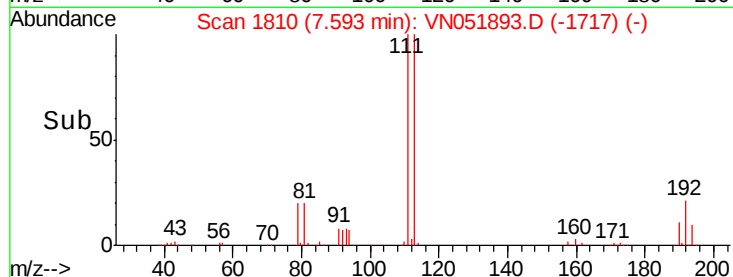
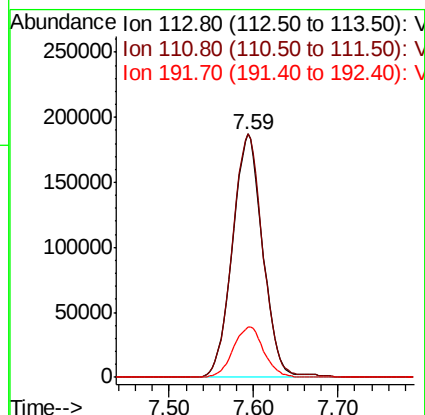
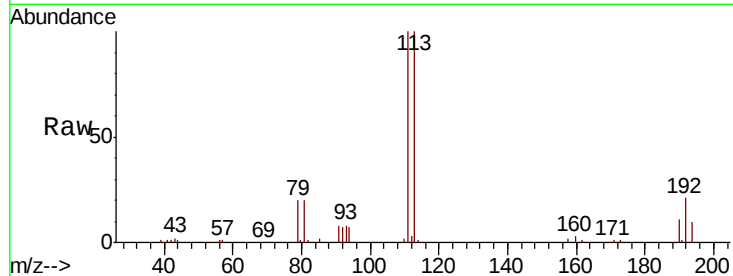




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

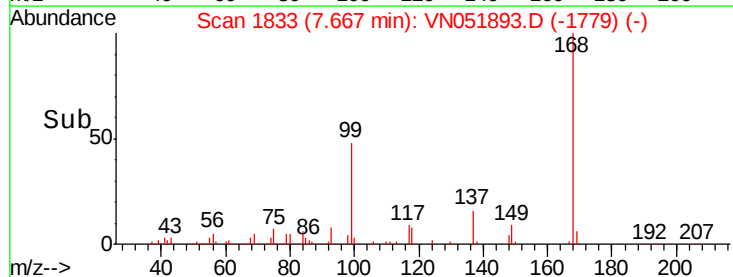
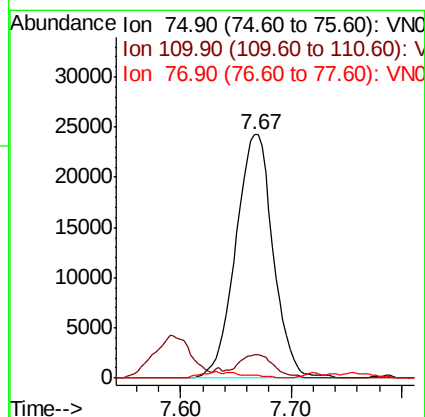
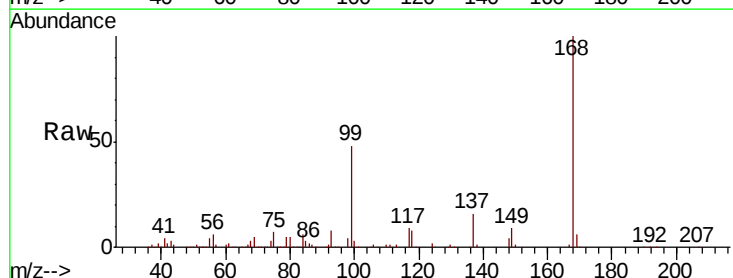
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

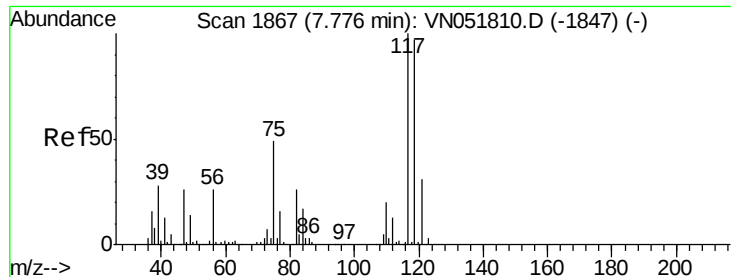
Tgt Ion: 113 Resp: 467194
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 21.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 75 Resp: 57019
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

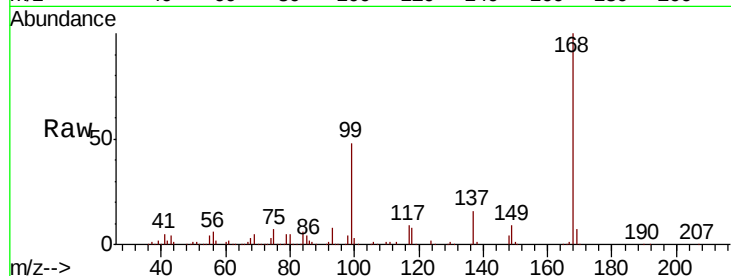
Tgt Ion:117 Resp: 79438

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

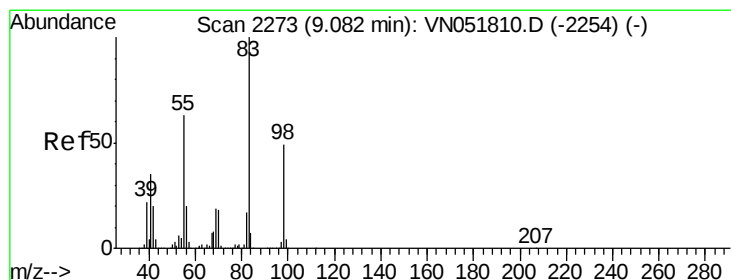
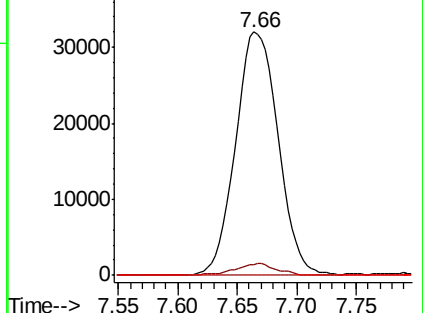
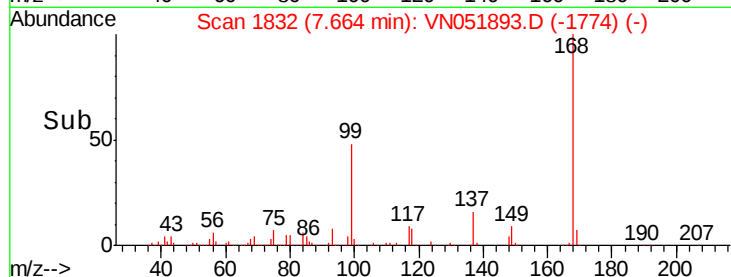
121 0.0 24.6 36.8#



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: 11.280 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

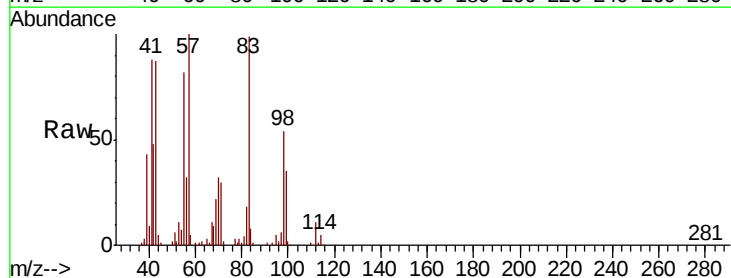
Tgt Ion: 83 Resp: 142773

Ion Ratio Lower Upper

83 100

55 83.2 61.0 91.4

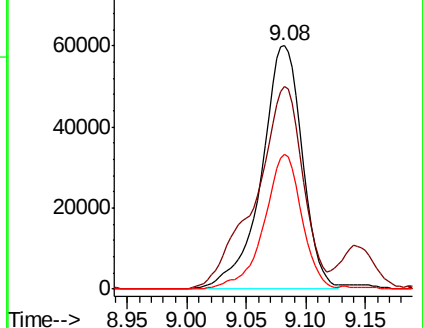
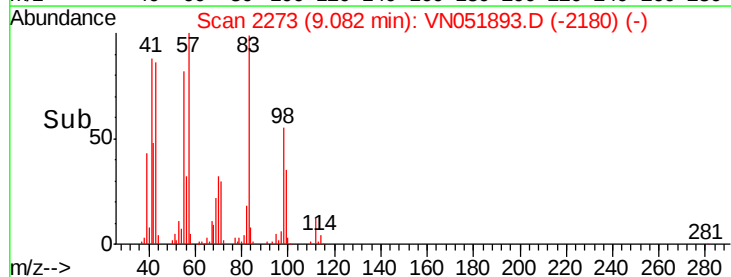
98 55.2 37.5 56.3

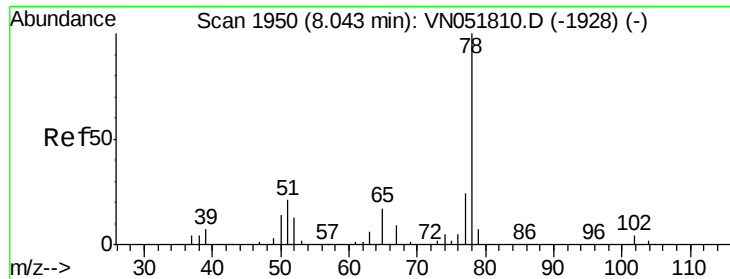


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 1.609 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

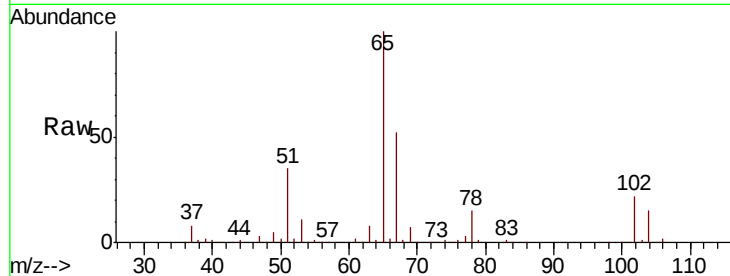
AOC2-01A

Tgt Ion: 78 Resp: 47834

Ion Ratio Lower Upper

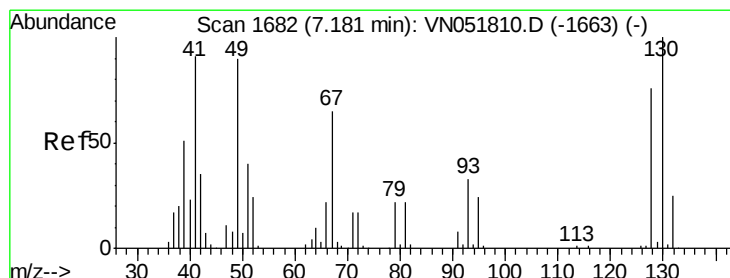
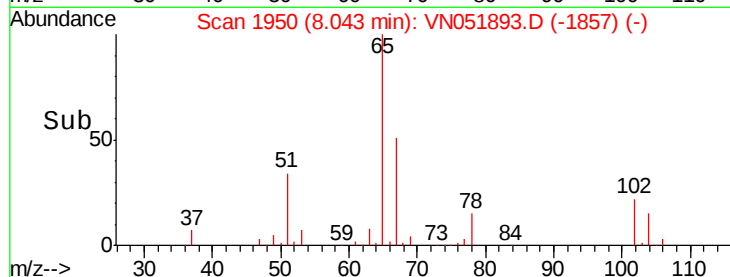
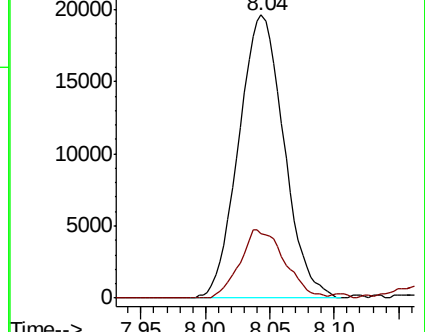
78 100

77 23.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN051810.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN051810.D (-1928) (-)



#41

Methacrylonitrile

Concen: 1.470 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.03 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Tgt Ion: 41 Resp: 3750

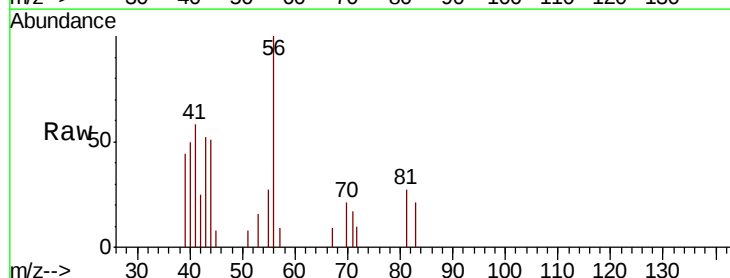
Ion Ratio Lower Upper

41 100

39 21.1 45.4 68.0#

67 0.0 70.6 106.0#

52 0.0 27.1 40.7#

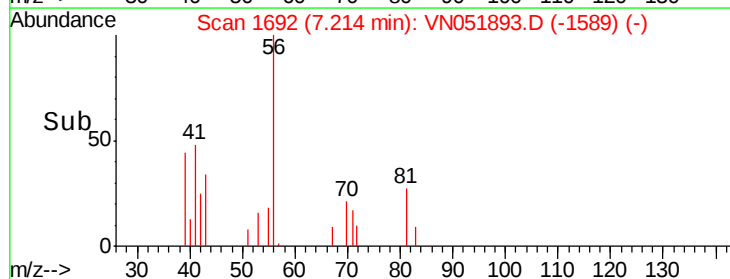
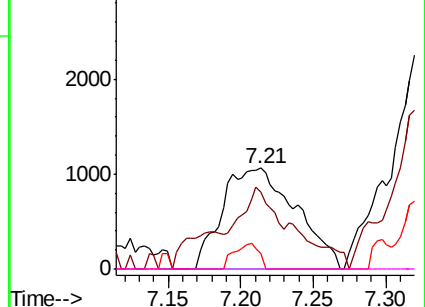


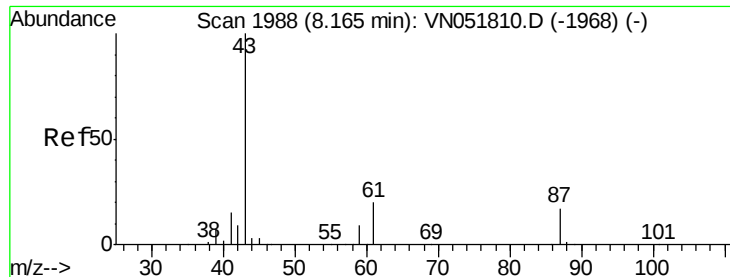
Abundance Ion 41.00 (40.70 to 41.70): VN051810.D (-1663) (-)

Ion 39.00 (38.70 to 39.70): VN051810.D (-1663) (-)

Ion 67.00 (66.70 to 67.70): VN051810.D (-1663) (-)

Ion 52.00 (51.70 to 52.70): VN051810.D (-1663) (-)





#43

Isopropyl Acetate

Concen: 1.478 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

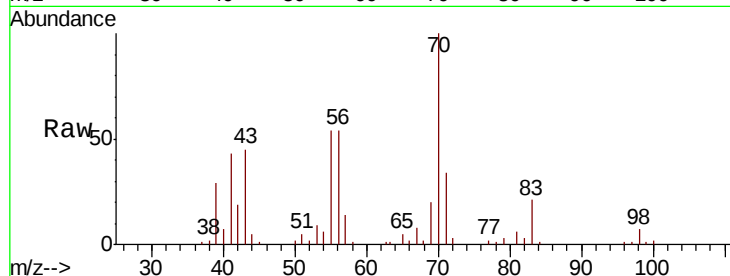
Tgt Ion: 43 Resp: 21538

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

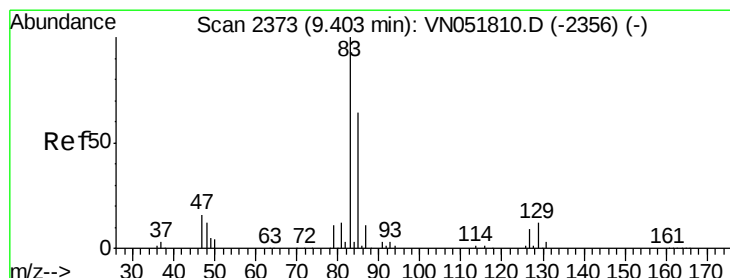
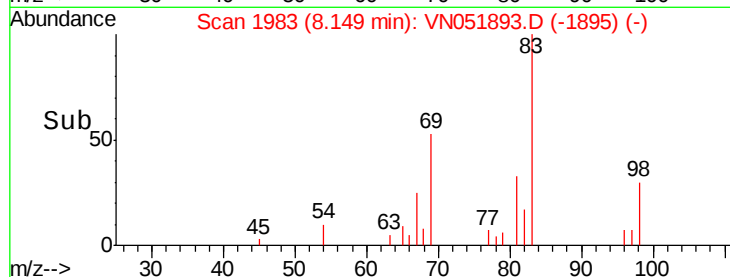
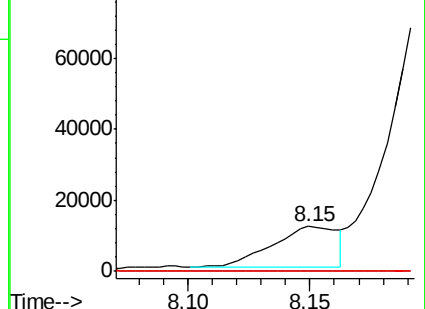
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)



#47

Bromodichloromethane

Concen: 1.186 ug/l

RT: 9.38 min Scan# 2366

Delta R.T. -0.02 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

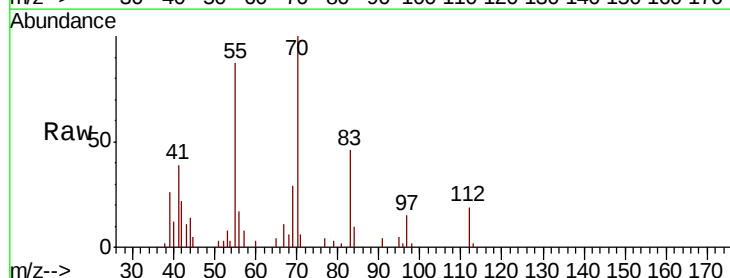
Tgt Ion: 83 Resp: 12711

Ion Ratio Lower Upper

83 100

85 0.0 52.6 78.8#

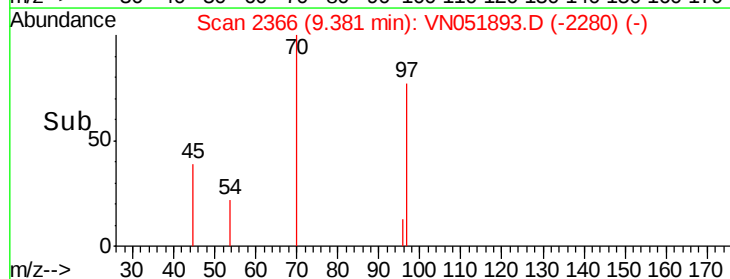
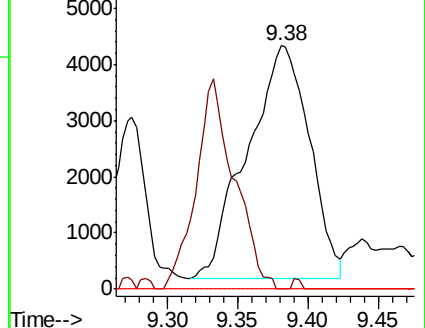
127 0.0 7.2 10.8#

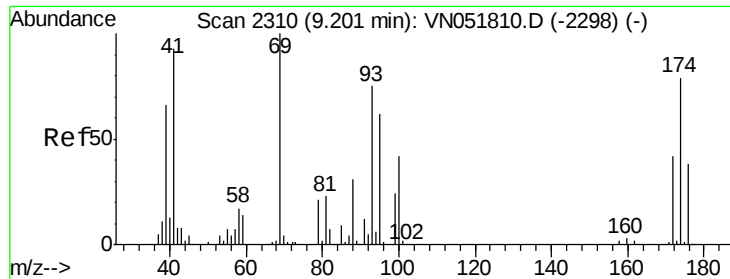


Abundance Ion 82.90 (82.60 to 83.60): VN051810.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051810.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051810.D (-2356) (-)

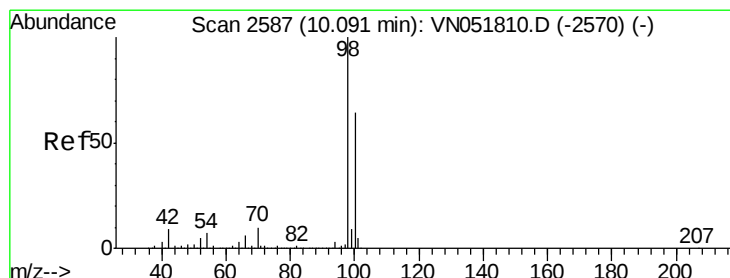
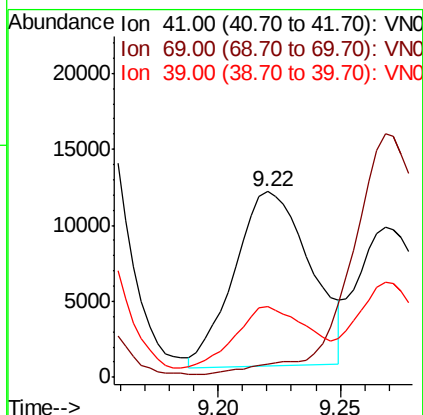
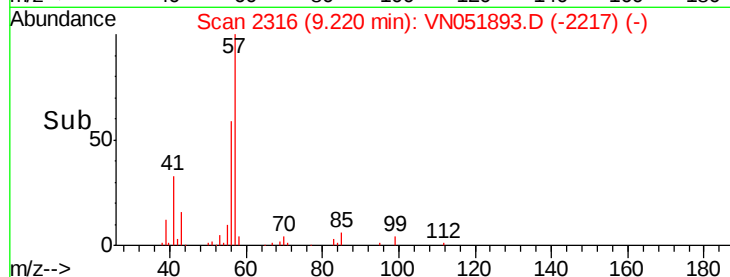
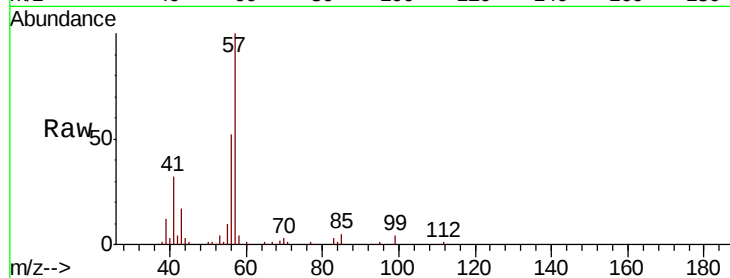




#48
Methyl methacrylate
Concen: 5.264 ug/l
RT: 9.22 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

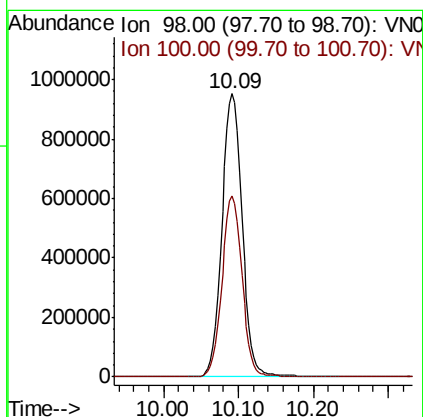
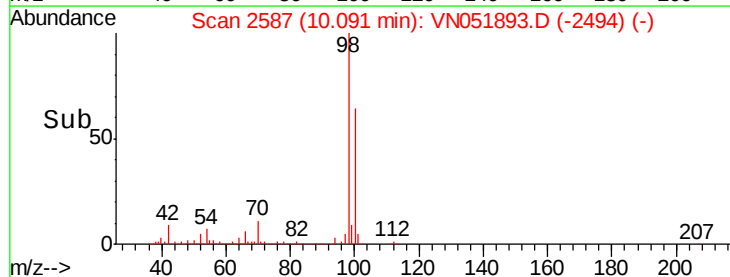
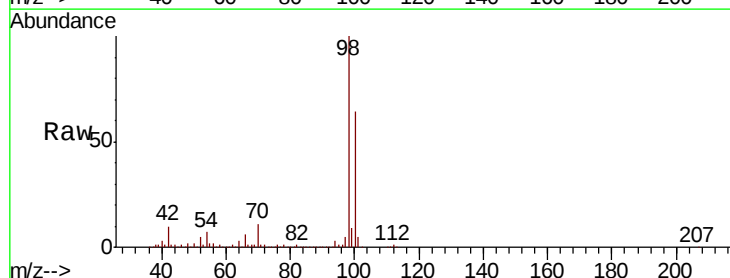
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

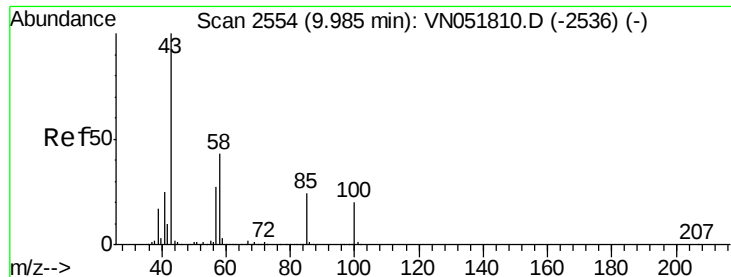
Tgt Ion: 41 Resp: 24804
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 34.0 42.2 63.2#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 98 Resp: 1780143
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3

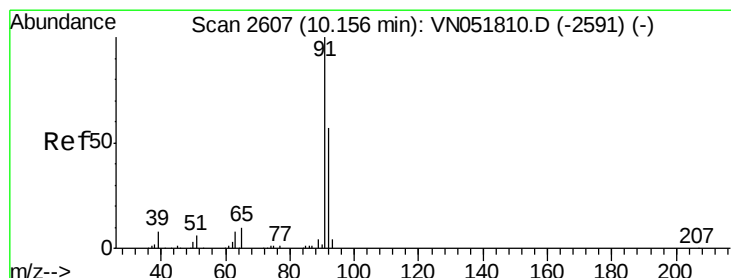
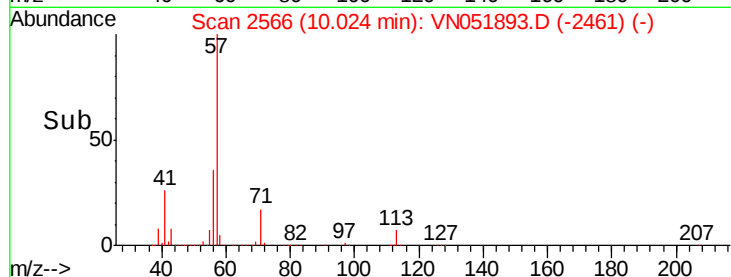
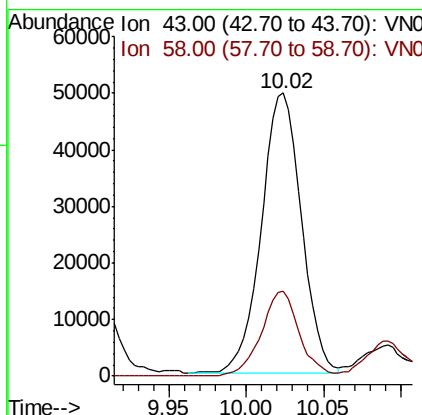
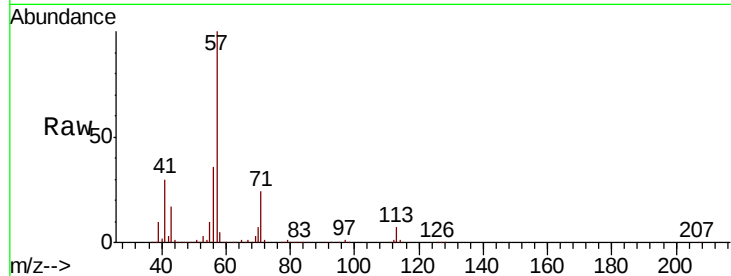




#51
 4-Methyl-2-Pentanone
 Concen: 16.263 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

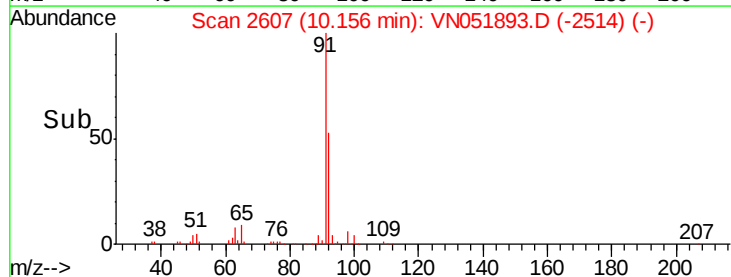
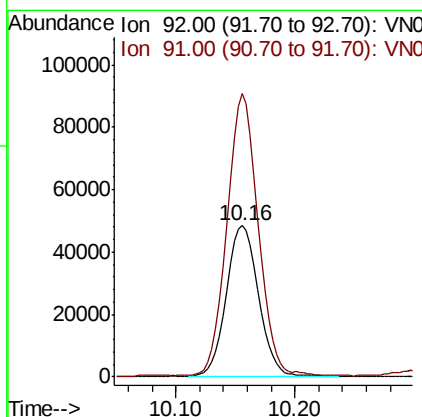
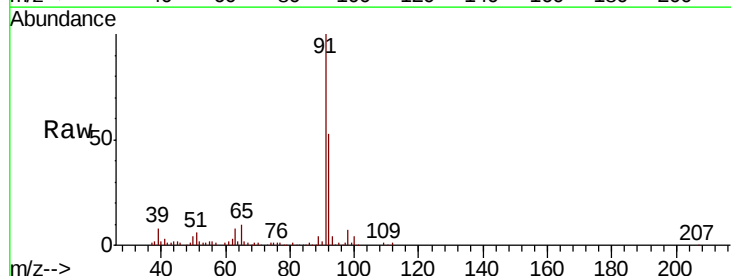
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

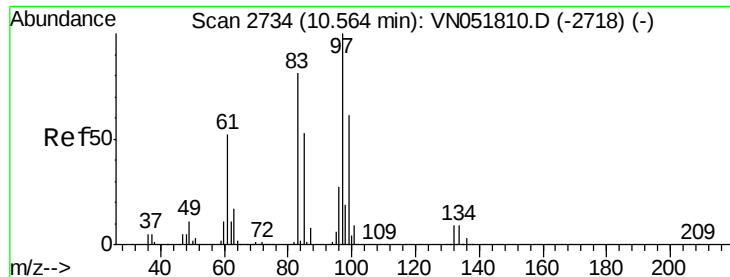
Tgt Ion: 43 Resp: 89301
 Ion Ratio Lower Upper
 43 100
 58 28.5 32.4 48.6#



#52
 Toluene
 Concen: 4.527 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion: 92 Resp: 90347
 Ion Ratio Lower Upper
 92 100
 91 181.9 140.6 211.0





#55

1,1,2-Trichloroethane

Concen: 5.845 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

Tgt Ion: 97 Resp: 43884

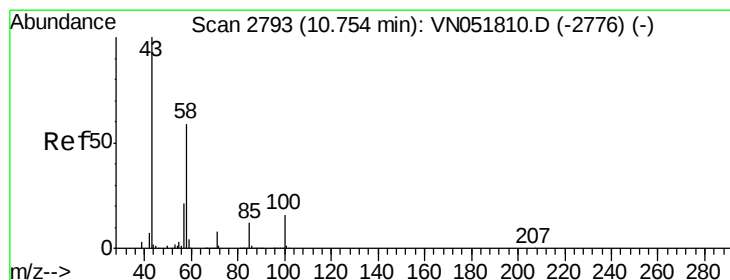
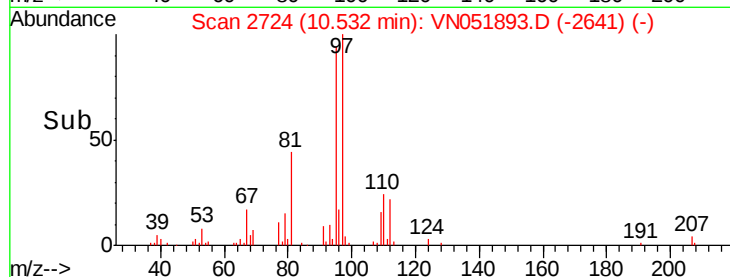
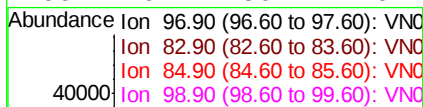
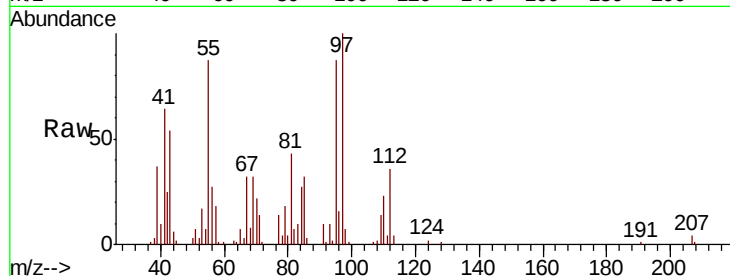
Ion Ratio Lower Upper

97 100

83 6.0 69.7 104.5#

85 31.9 44.5 66.7#

99 0.7 50.7 76.1#



#59

2-Hexanone

Concen: 6.781 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN051893.D

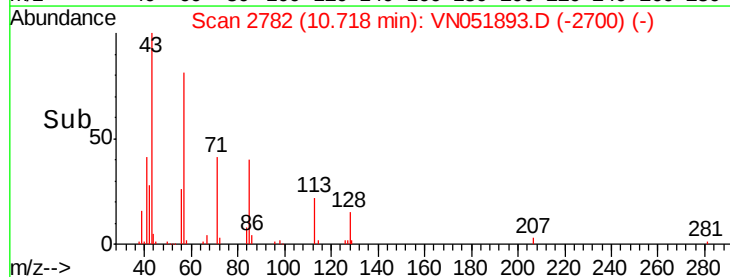
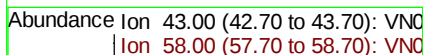
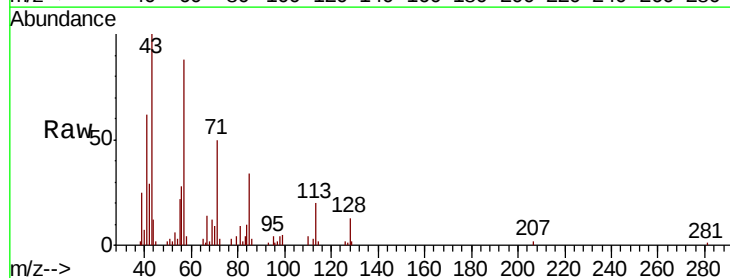
Acq: 16 Oct 2018 14:02

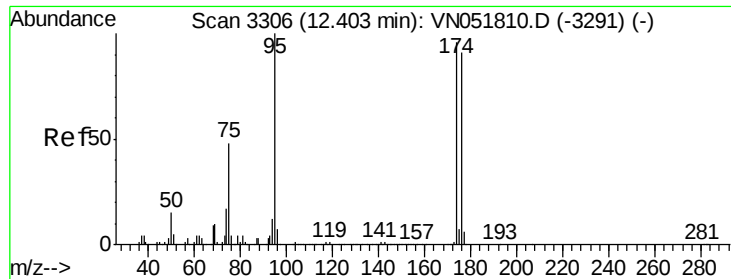
Tgt Ion: 43 Resp: 26154

Ion Ratio Lower Upper

43 100

58 3.9 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

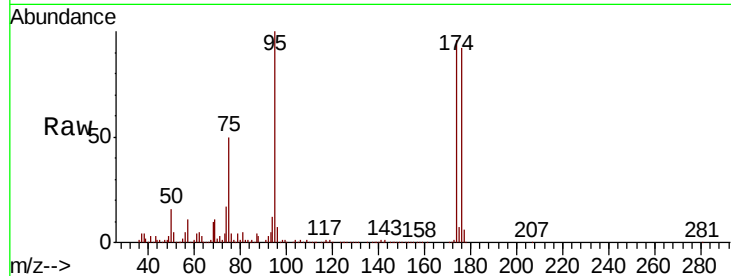
Tgt Ion: 95 Resp: 561202

Ion Ratio Lower Upper

95 100

174 96.2 0.0 183.0

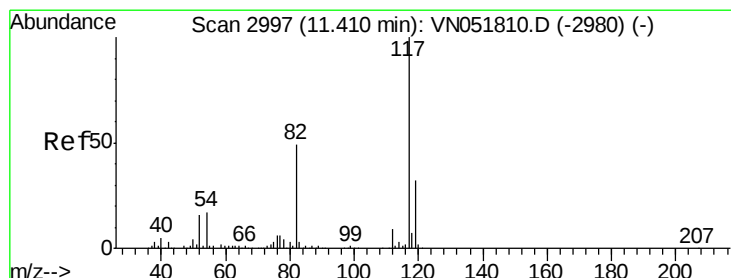
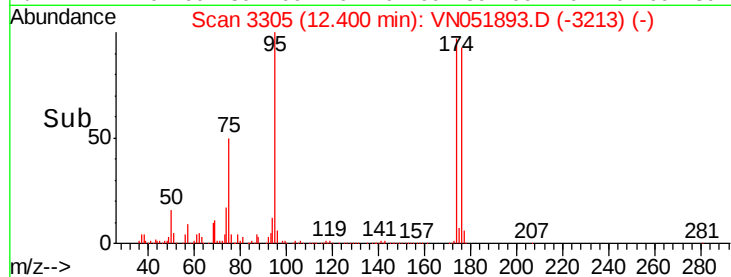
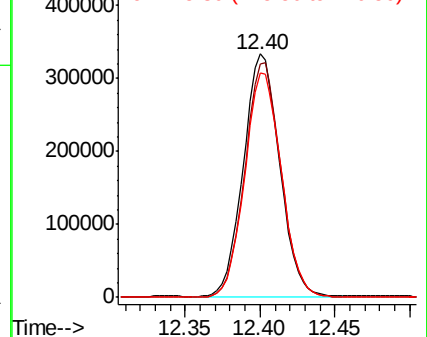
176 93.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN051810.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051810.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051810.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

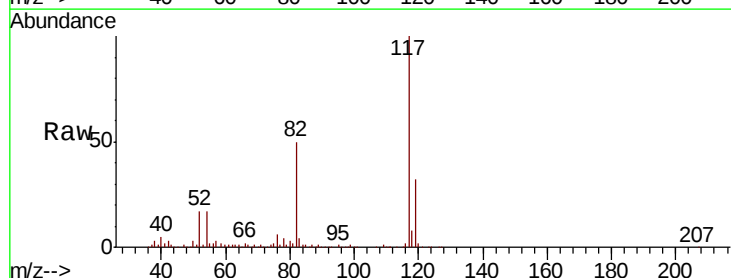
Tgt Ion: 117 Resp: 1156639

Ion Ratio Lower Upper

117 100

82 50.1 42.6 64.0

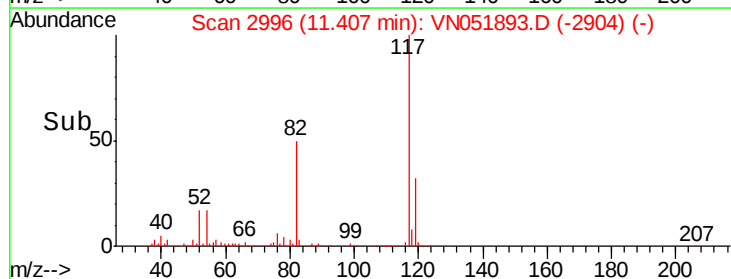
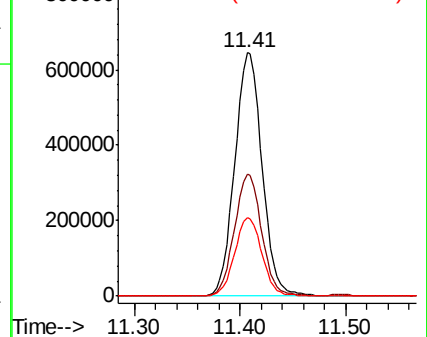
119 32.4 25.8 38.6

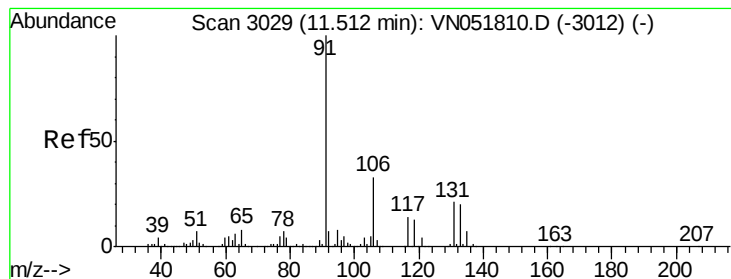


Abundance Ion 116.90 (116.60 to 117.60): VN051810.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051810.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051810.D (-2980) (-)





#67

Ethyl Benzene

Concen: 25.149 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

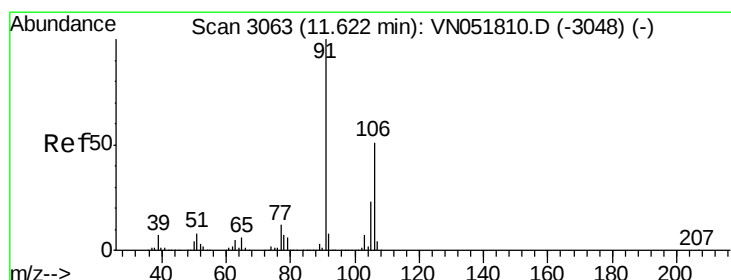
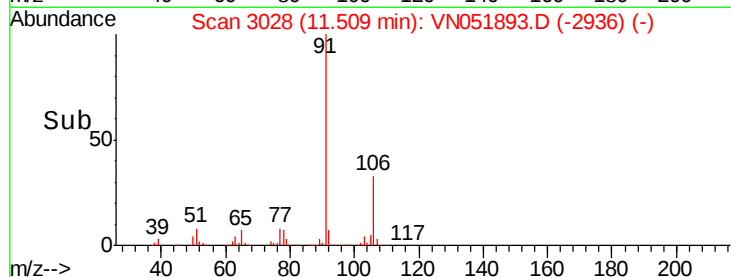
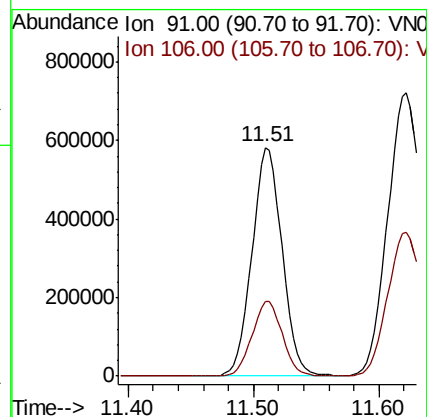
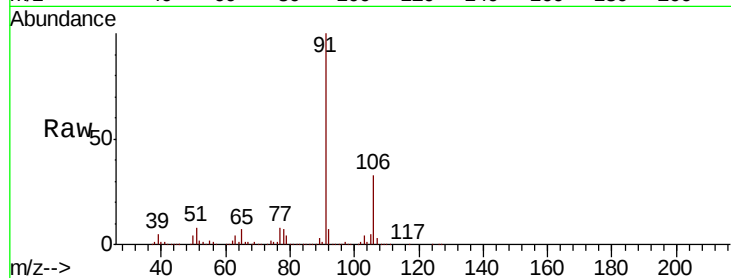
AOC2-01A

Tgt Ion: 91 Resp: 973853

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.4



#68

m/p-Xylenes

Concen: 46.114 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051893.D

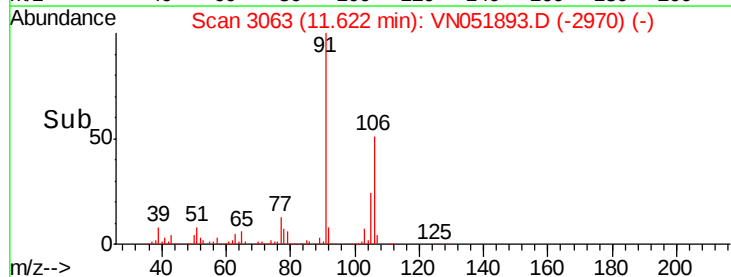
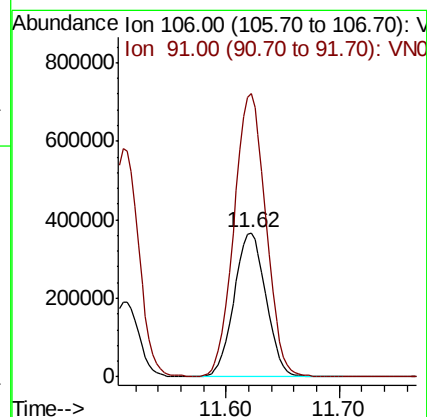
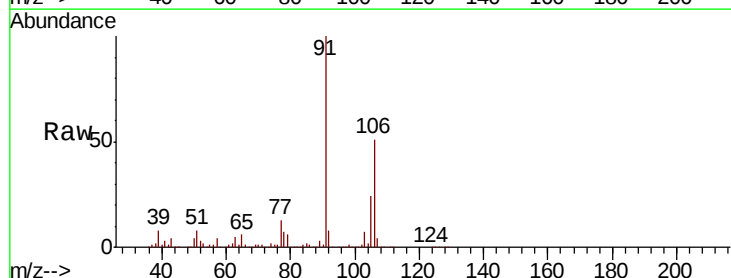
Acq: 16 Oct 2018 14:02

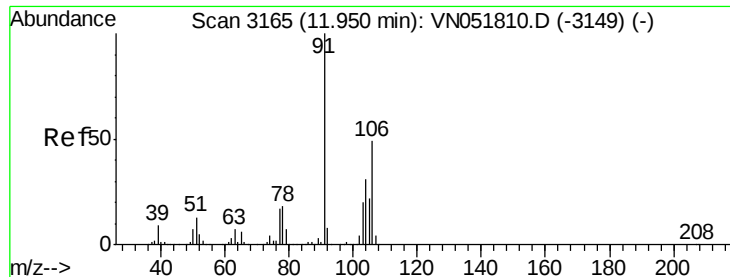
Tgt Ion: 106 Resp: 721314

Ion Ratio Lower Upper

106 100

91 195.6 161.0 241.6

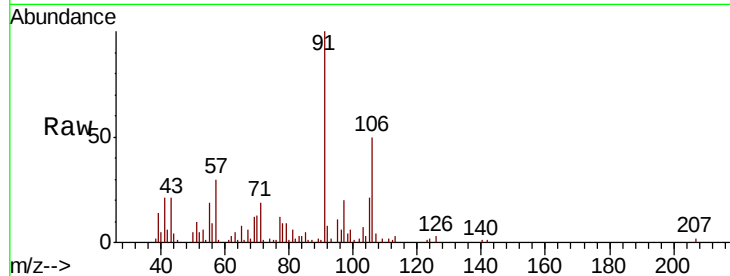




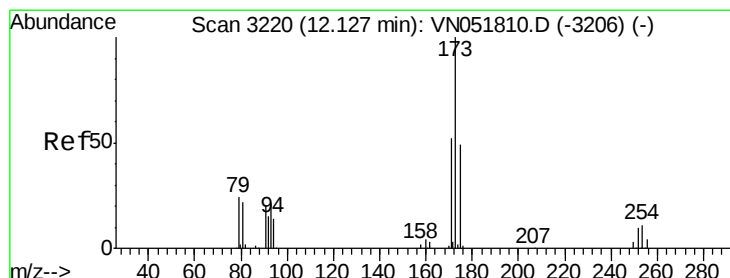
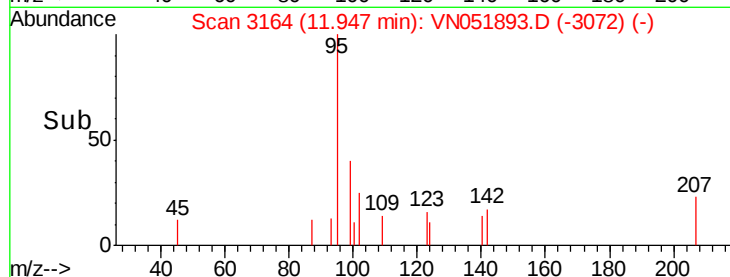
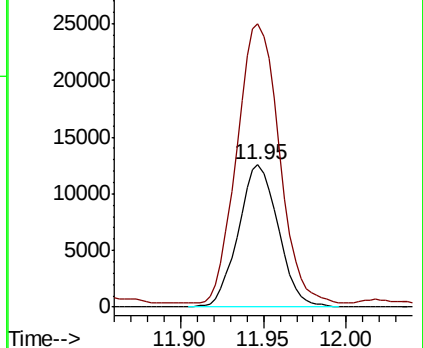
#69
o-Xylene
Concen: 1.386 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Instrument :
MSVOA_N
ClientSampled :
AOC2-01A

Tgt Ion:106 Resp: 21052
Ion Ratio Lower Upper
106 100
91 205.7 106.5 319.5

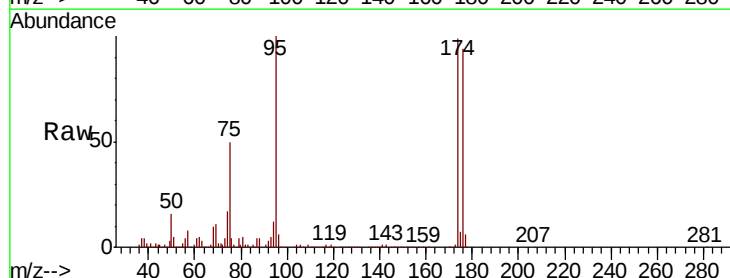


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

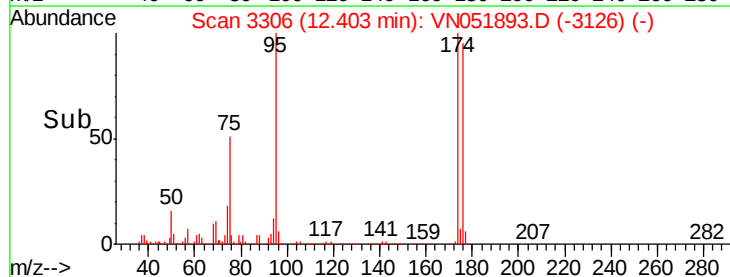
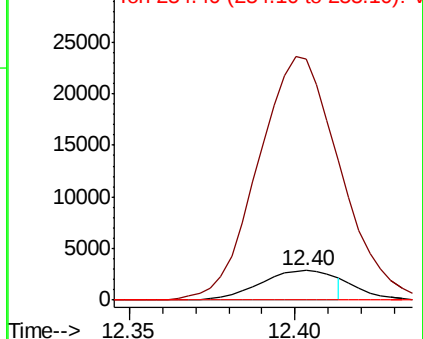


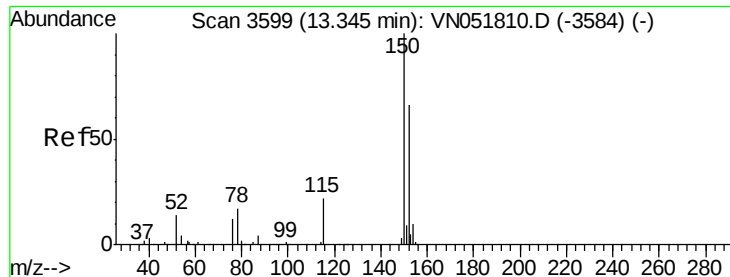
#71
Bromoform
Concen: 4.166 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:173 Resp: 4441
Ion Ratio Lower Upper
173 100
175 794.1 24.4 73.4#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

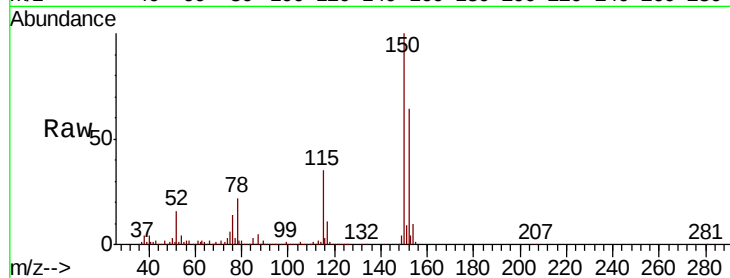
Tgt Ion:152 Resp: 535444

Ion Ratio Lower Upper

152 100

115 59.1 27.8 83.4

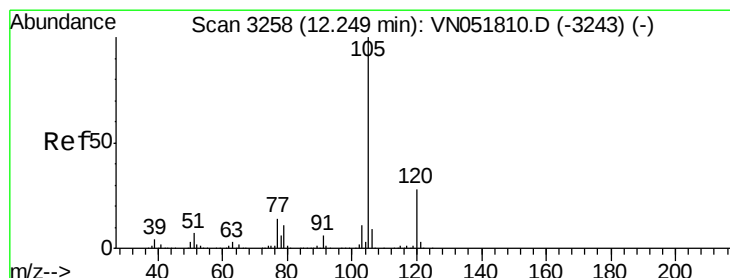
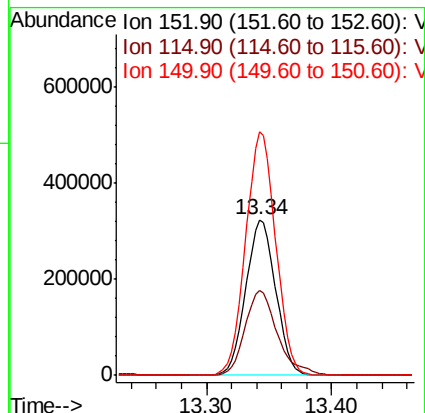
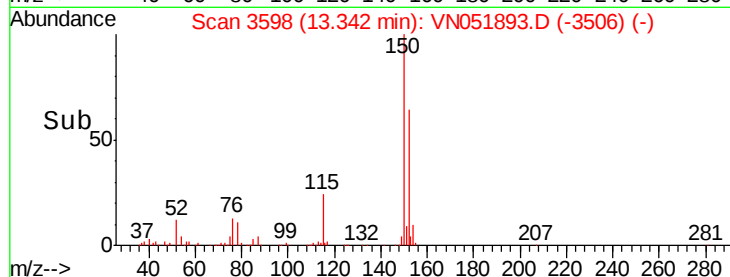
150 157.4 0.0 351.4



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: 3.105 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051893.D

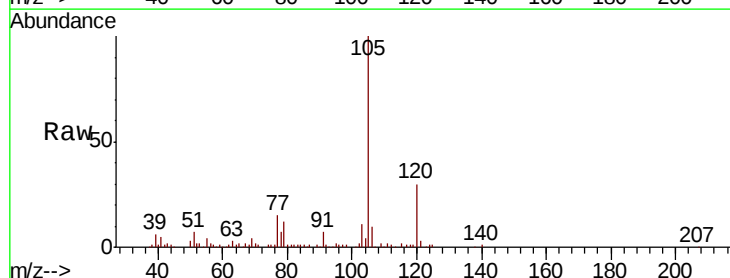
Acq: 16 Oct 2018 14:02

Tgt Ion:105 Resp: 128115

Ion Ratio Lower Upper

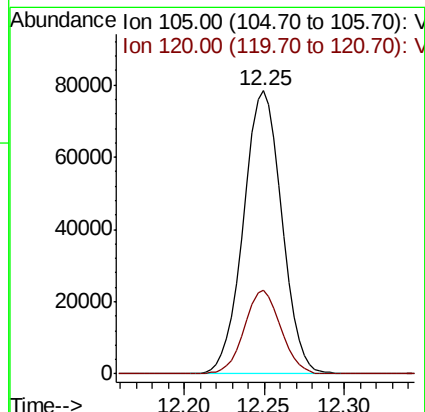
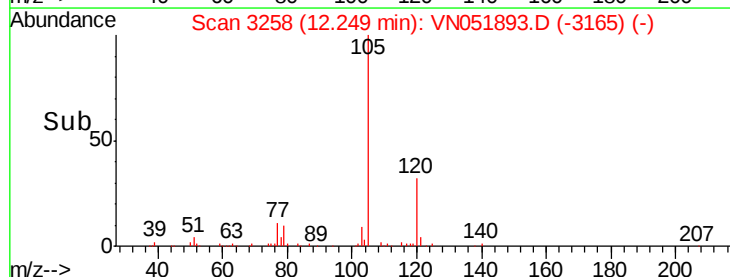
105 100

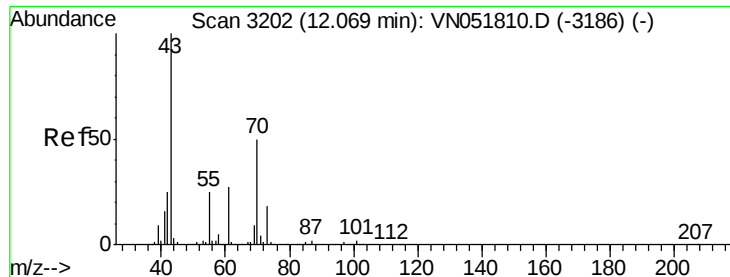
120 28.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

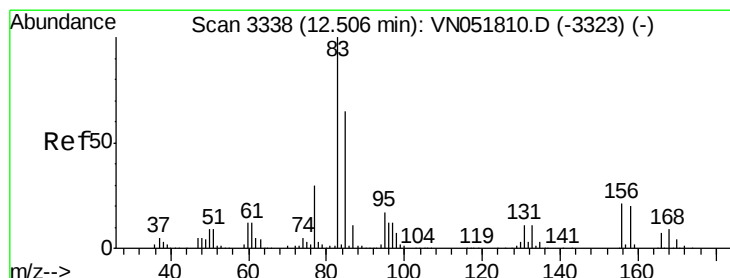
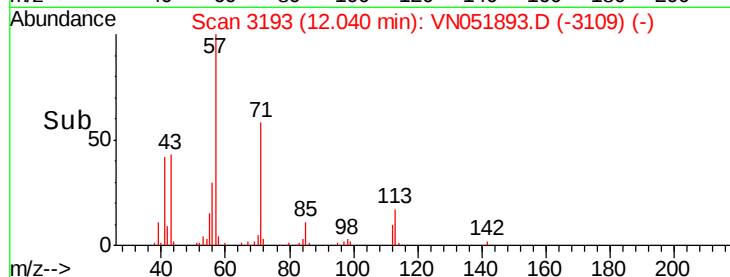
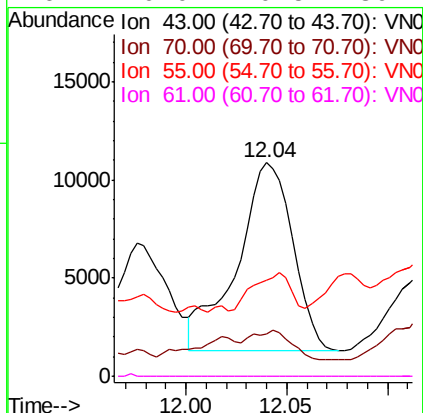
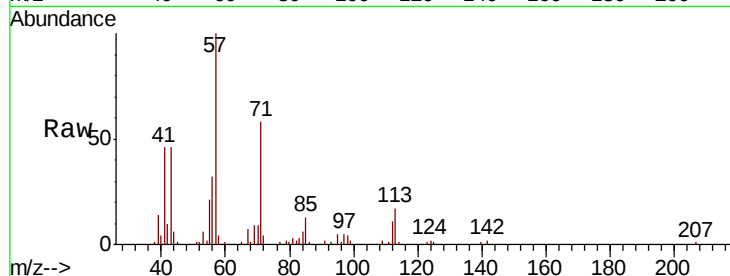




#74
N-ethyl acetate
Concen: 2.259 ug/l
RT: 12.04 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

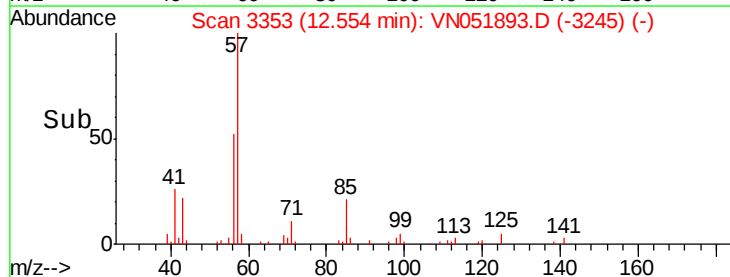
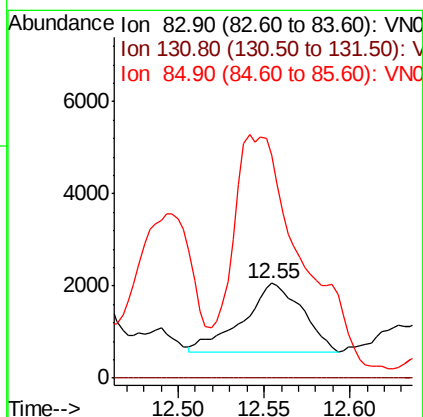
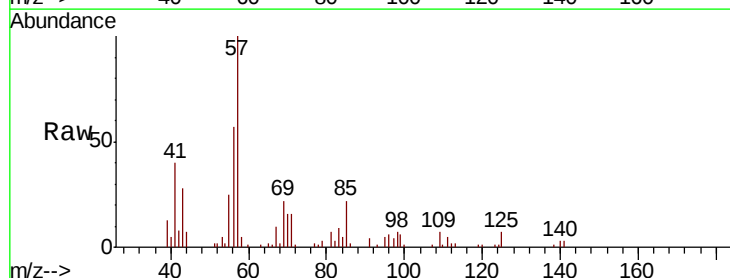
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

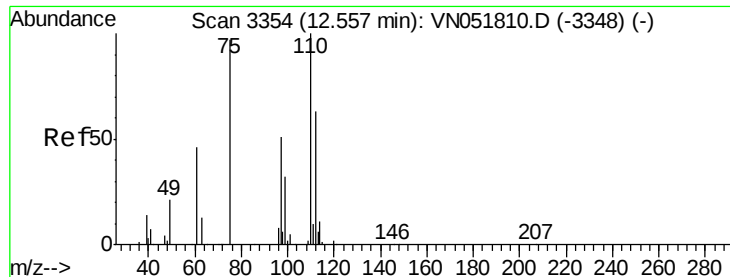
Tgt Ion: 43 Resp: 18481
Ion Ratio Lower Upper
43 100
70 11.1 36.2 54.2#
55 12.7 21.8 32.8#
61 0.0 20.5 30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.403 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.05 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 83 Resp: 3654
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 381.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 42.065 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.16 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

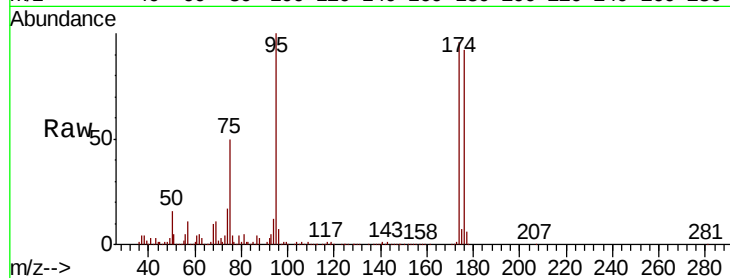
AOC2-01A

Tgt Ion: 75 Resp: 278360

Ion Ratio Lower Upper

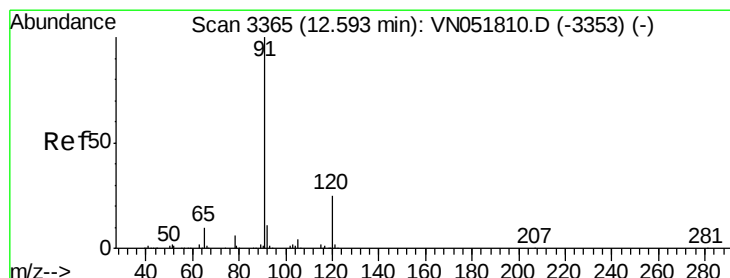
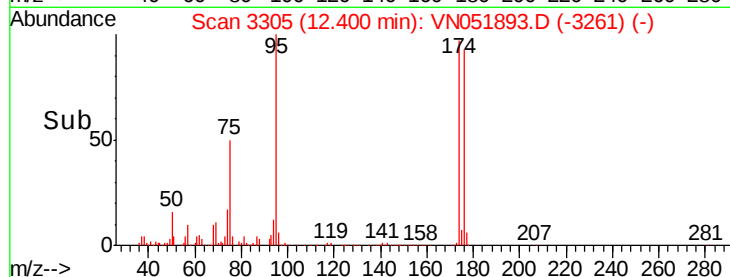
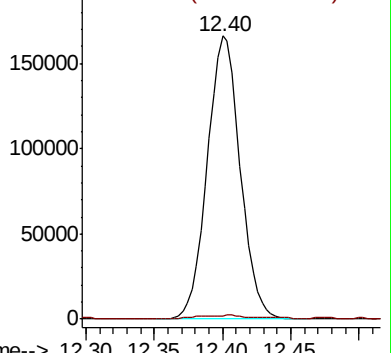
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 11.833 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051893.D

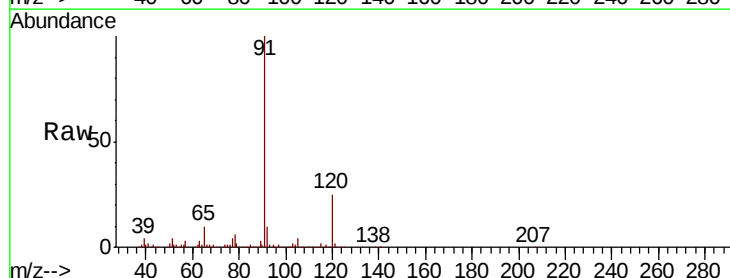
Acq: 16 Oct 2018 14:02

Tgt Ion: 91 Resp: 511277

Ion Ratio Lower Upper

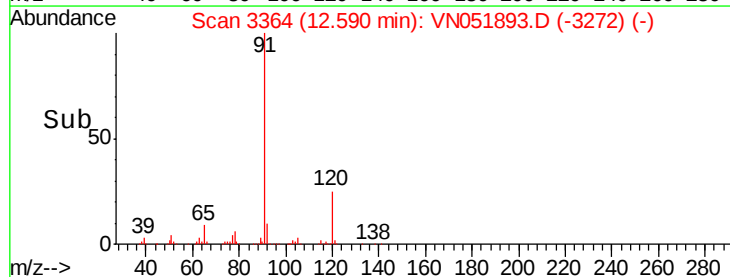
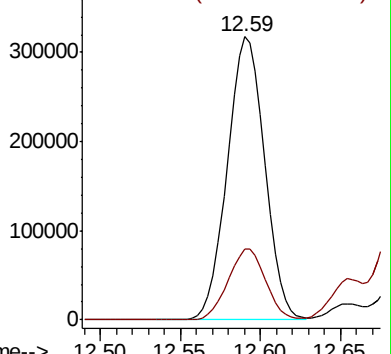
91 100

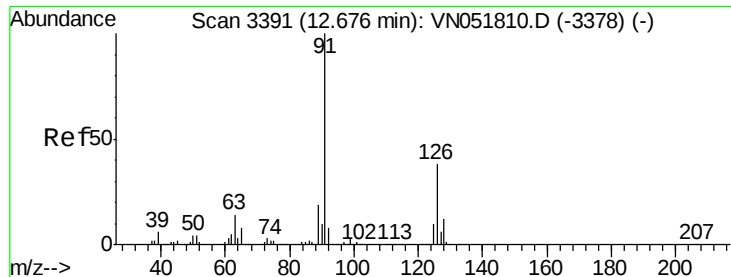
120 25.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

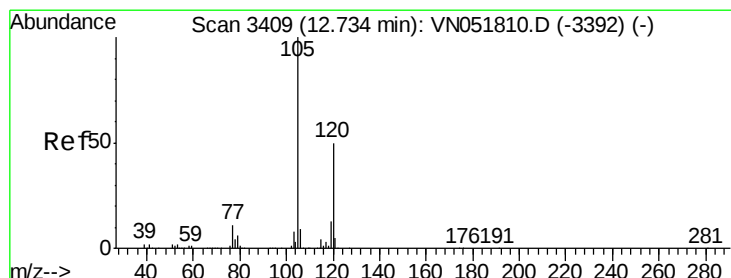
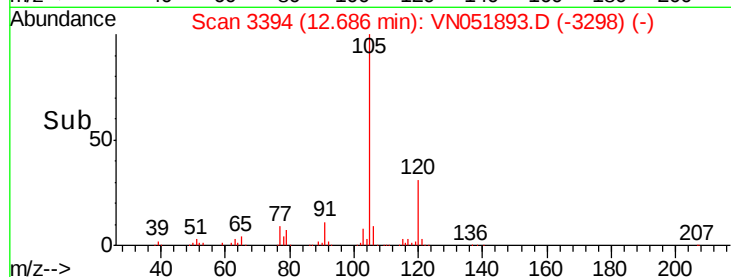
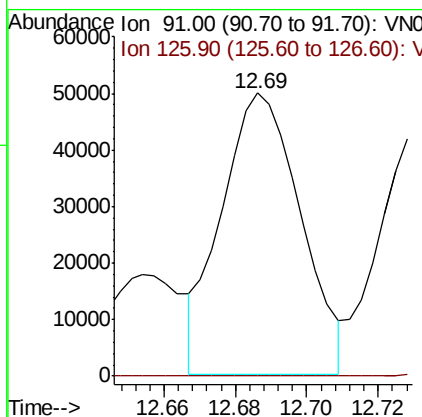
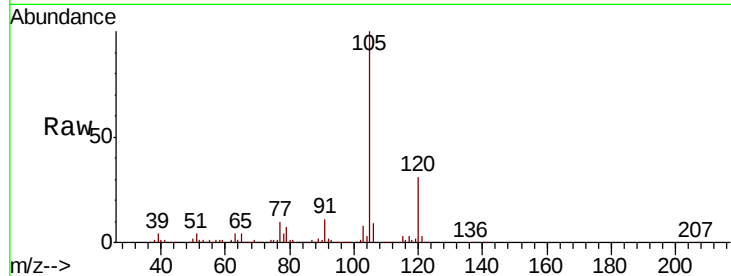




#79
 2-Chlorotoluene
 Concen: 2.929 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

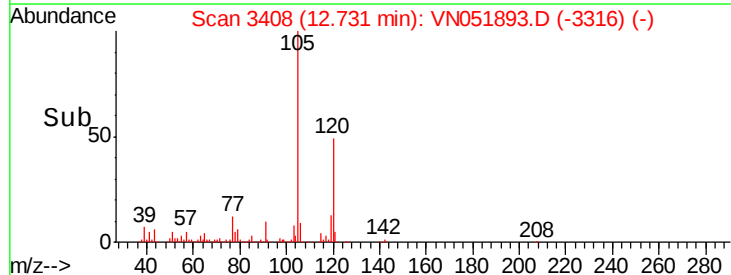
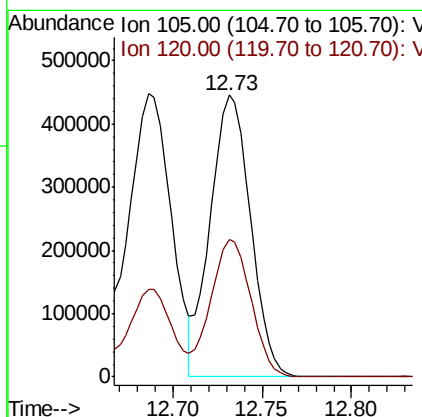
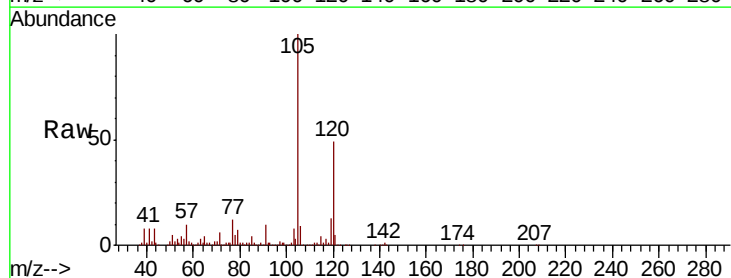
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

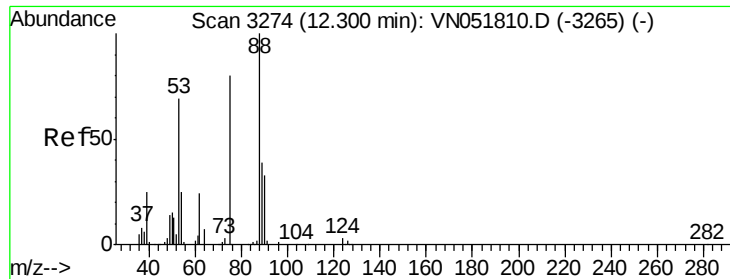
Tgt Ion: 91 Resp: 76242
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 20.707 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion: 105 Resp: 696159
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 119.715 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

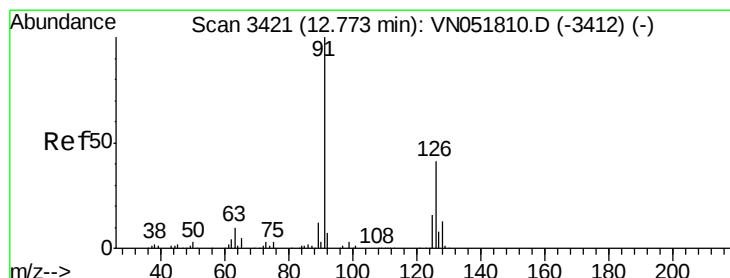
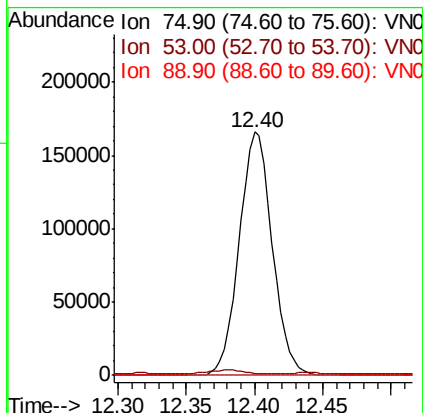
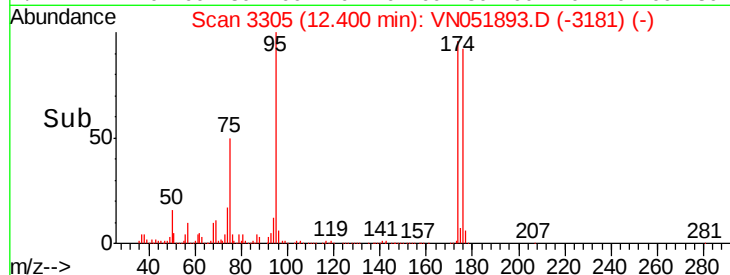
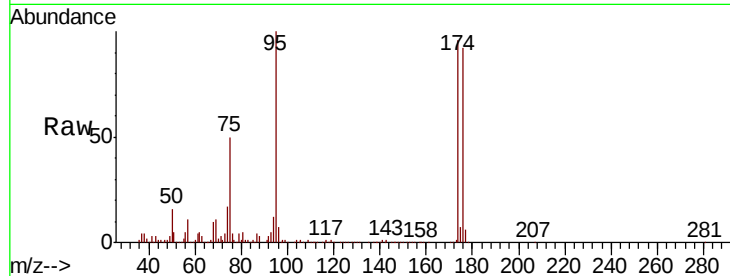
Tgt Ion: 75 Resp: 278360

Ion Ratio Lower Upper

75 100

53 1.8 68.9 103.3#

89 0.0 36.1 54.1#



#82

4-Chlorotoluene

Concen: 2.834 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN051893.D

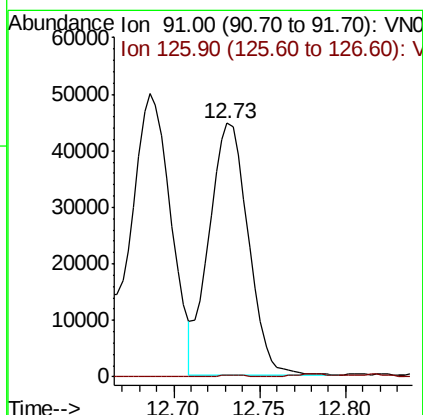
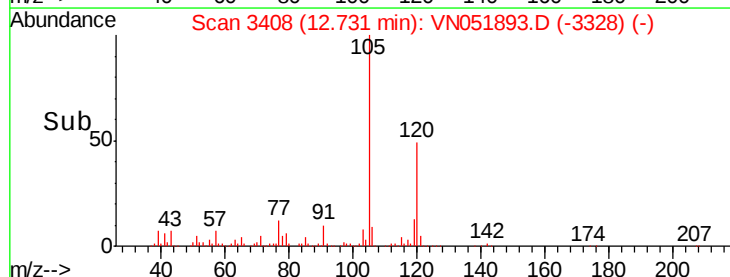
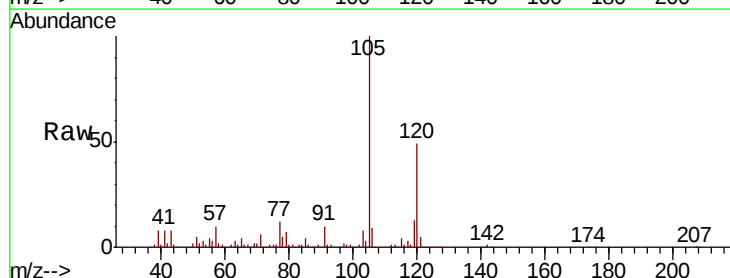
Acq: 16 Oct 2018 14:02

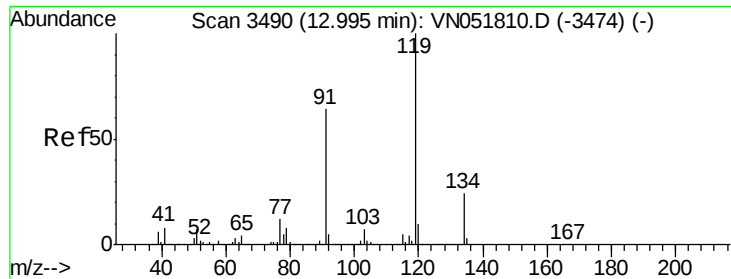
Tgt Ion: 91 Resp: 70887

Ion Ratio Lower Upper

91 100

126 0.5 17.5 52.5#

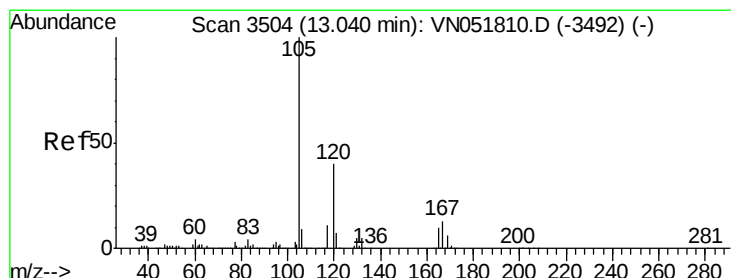
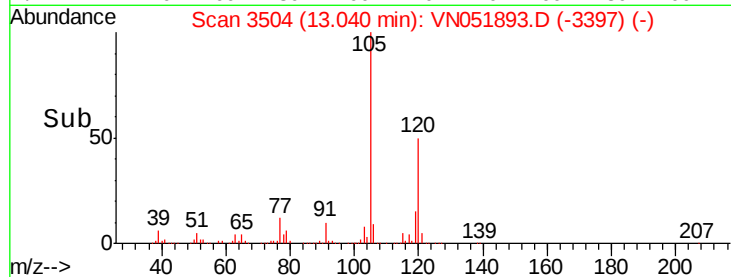
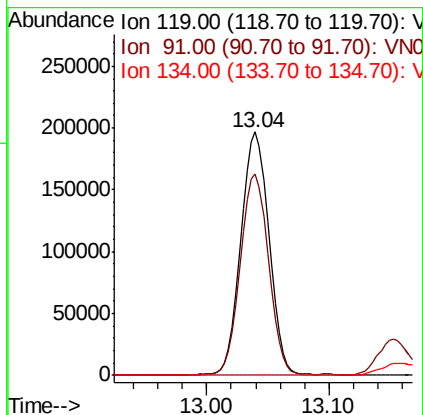
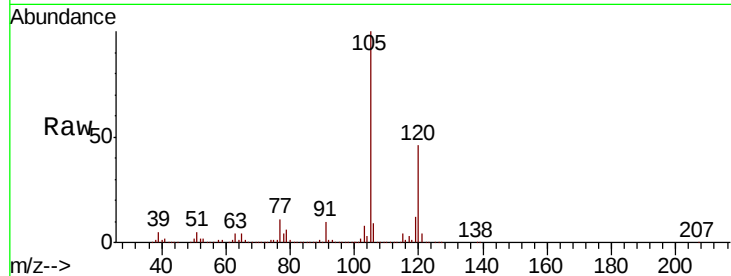




#83
 tert-Butylbenzene
 Concen: 10.022 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

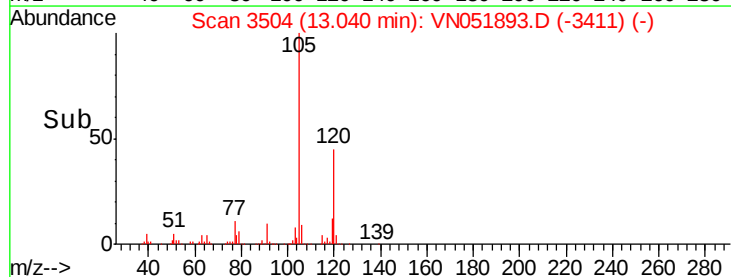
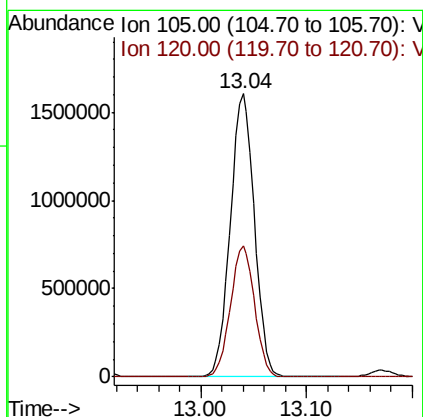
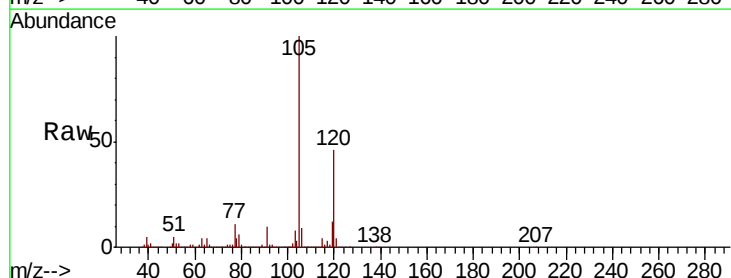
Instrument :
 MSVOA_N
 ClientSampled :
 AOC2-01A

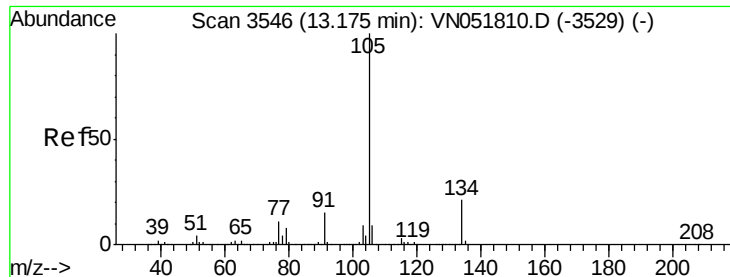
Tgt Ion:119 Resp: 312512
 Ion Ratio Lower Upper
 119 100
 91 82.6 31.6 94.7
 134 0.0 13.4 40.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 75.495 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion:105 Resp: 2527173
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8

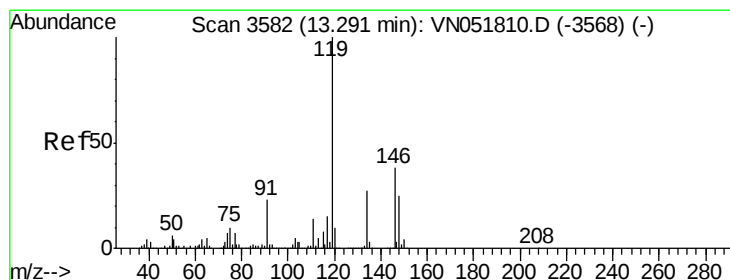
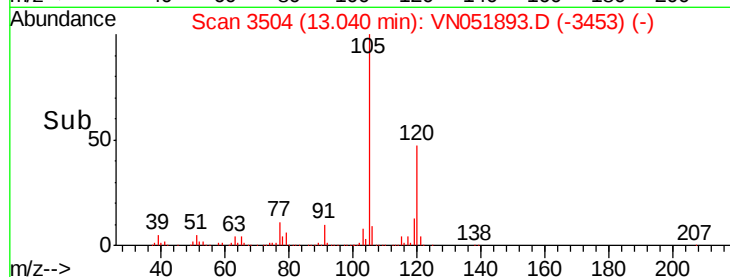
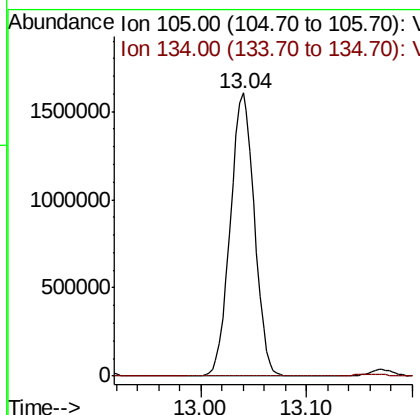
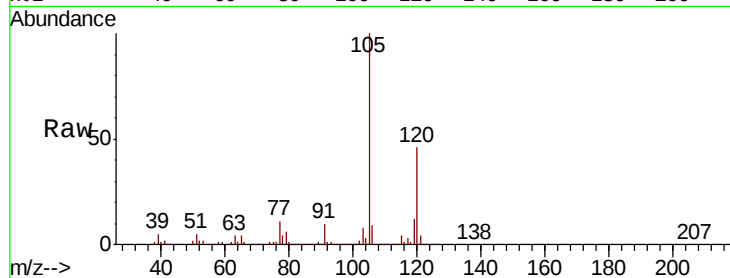




#85
 sec-Butylbenzene
 Concen: 62.561 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

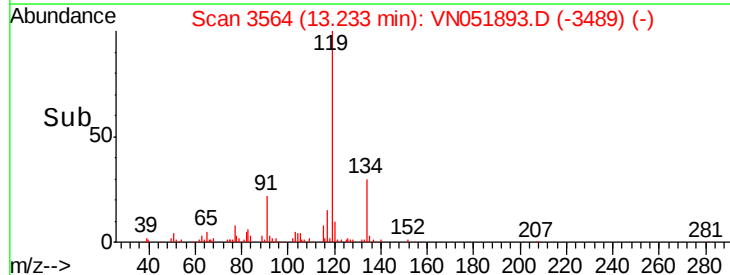
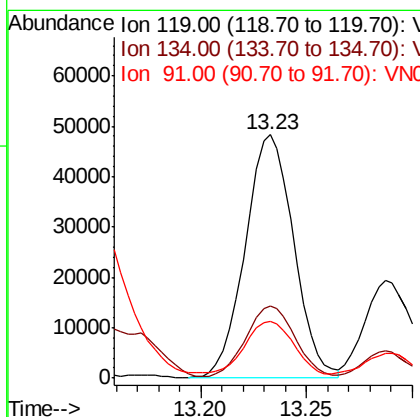
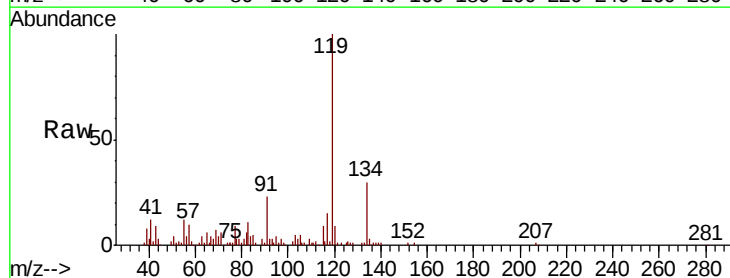
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

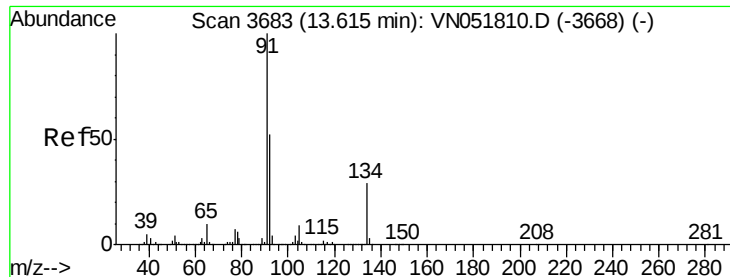
Tgt Ion:105 Resp: 2527173
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 2.183 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.06 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion:119 Resp: 77533
 Ion Ratio Lower Upper
 119 100
 134 30.4 13.7 41.0
 91 22.9 11.2 33.5

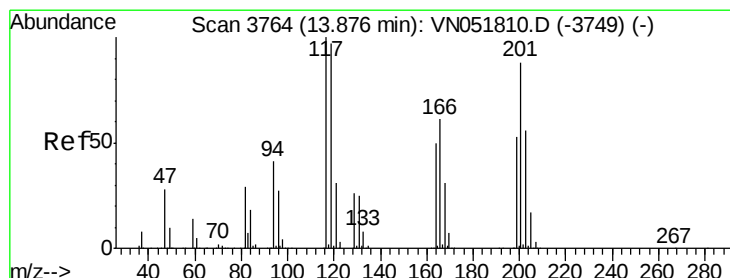
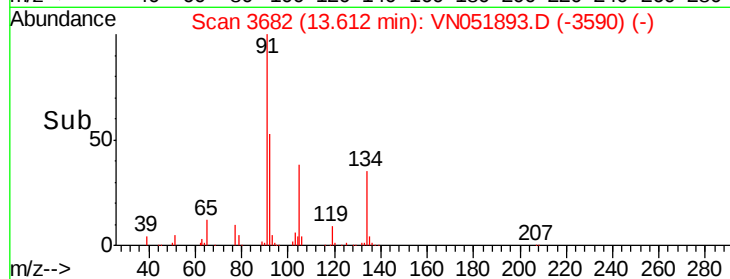
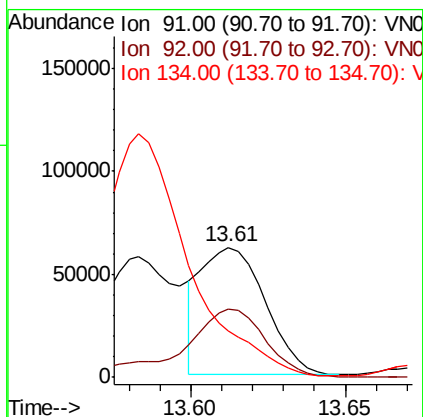
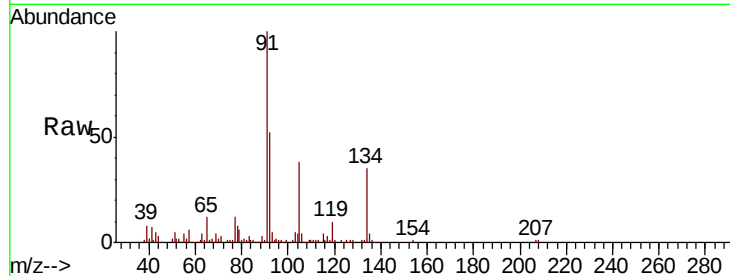




#89
n-Butylbenzene
Concen: 3.373 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

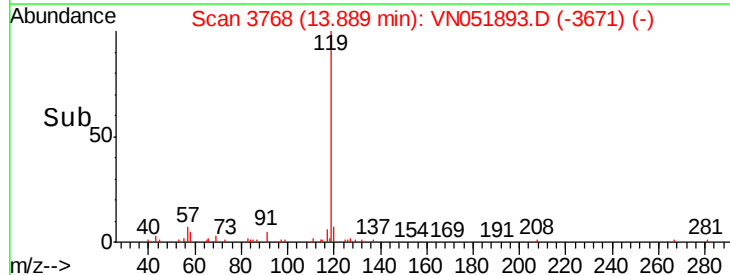
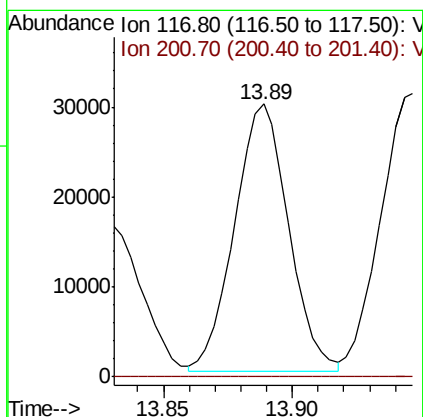
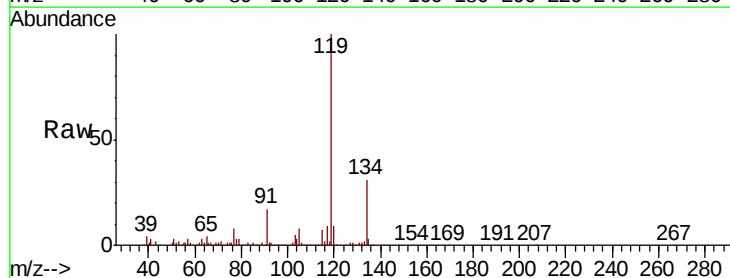
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

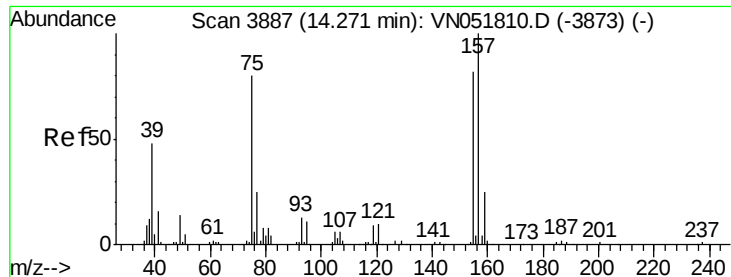
Tgt Ion: 91 Resp: 89086
Ion Ratio Lower Upper
91 100
92 68.9 26.1 78.2
134 0.0 13.2 39.6#



#90
Hexachloroethane
Concen: 6.744 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 117 Resp: 43484
Ion Ratio Lower Upper
117 100
201 0.0 46.0 137.8#

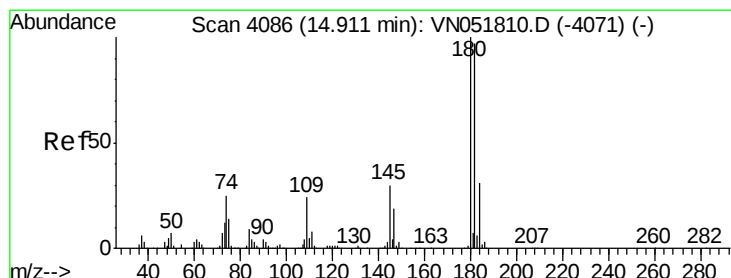
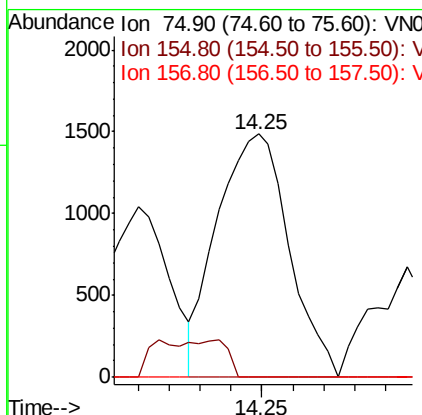
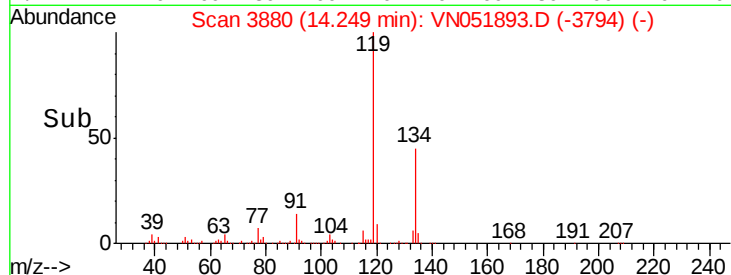
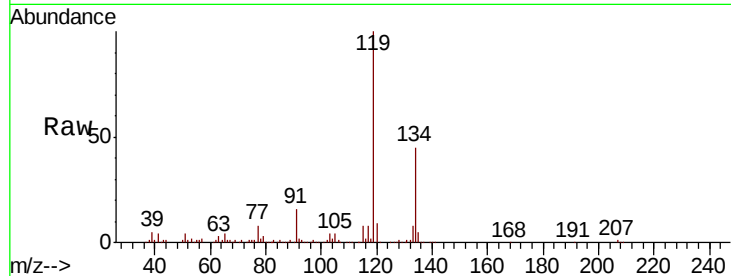




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.797 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

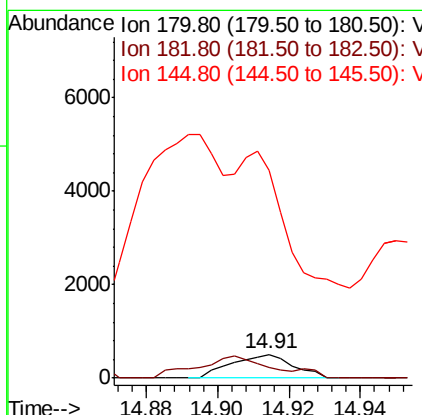
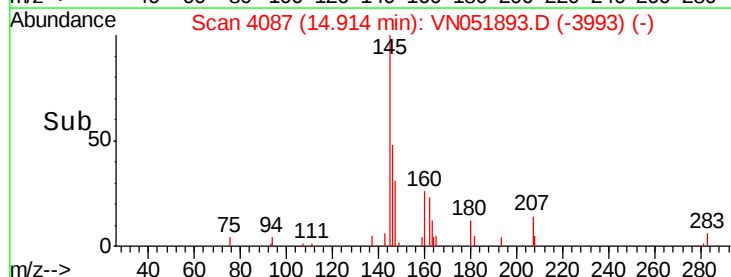
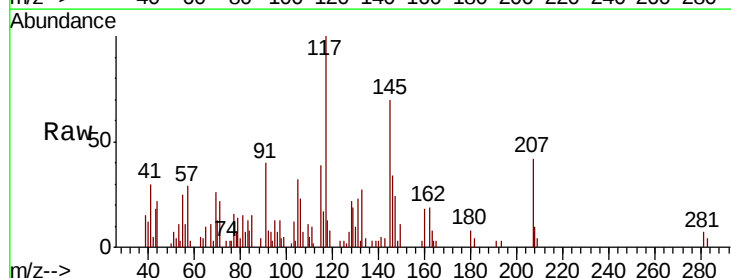
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01A

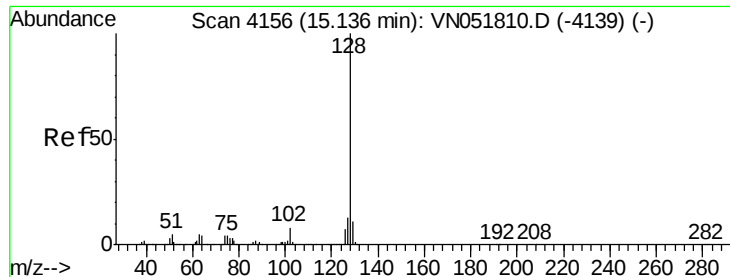
Tgt Ion: 75 Resp: 2397
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.4 139.1#
 157 0.0 60.7 182.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.717 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN051893.D
 Acq: 16 Oct 2018 14:02

Tgt Ion: 180 Resp: 603
 Ion Ratio Lower Upper
 180 100
 182 116.1 48.2 144.6
 145 0.0 14.1 42.2#





#95

Naphthalene

Concen: 9.806 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01A

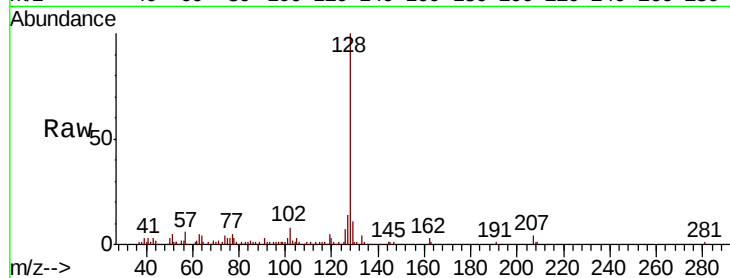
Tgt Ion:128 Resp: 117003

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

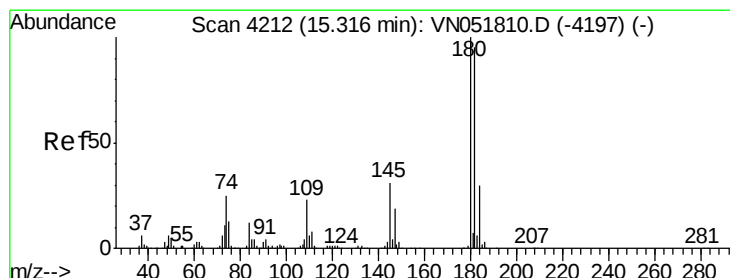
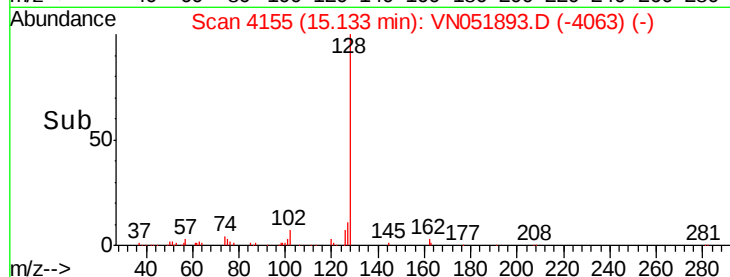
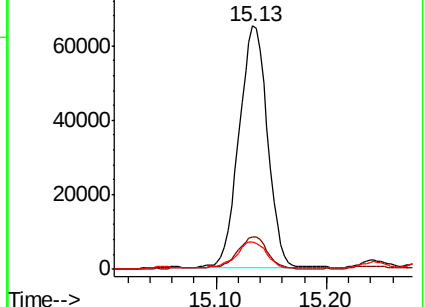
129 11.5 8.7 13.1



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: 2.882 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051893.D

Acq: 16 Oct 2018 14:02

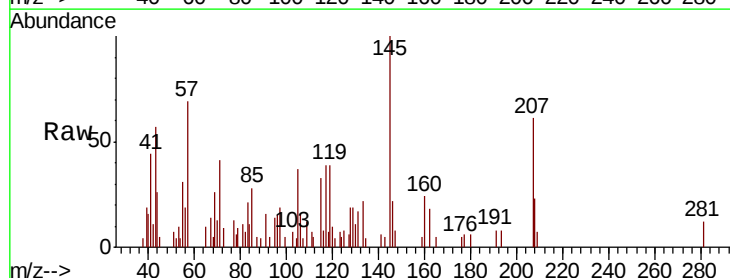
Tgt Ion:180 Resp: 234

Ion Ratio Lower Upper

180 100

182 73.9 48.0 144.2

145 0.0 15.2 45.6#



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

