

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052521.D
 Acq On : 28 Nov 2018 15:55
 Operator : MD\SY
 Sample : J5996-01MEDL 100X
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

Quant Time: Nov 29 00:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1461146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2209872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1846651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683366	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	716769	45.05	ug/l	0.00
Spiked Amount			Recovery	=	90.10%	
35) Dibromofluoromethane	7.59	113	654082	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	2656211	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	812247	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.57	56	9146	39.145	ug/l #	1
14) Allyl chloride	4.42	41	18322	0.777	ug/l #	71
15) Acrylonitrile	5.05	53	3752	0.744	ug/l #	12
16) Acetone	3.80	43	12301	2.931	ug/l #	56
18) Methyl Acetate	4.40	43	7925	0.658	ug/l #	52
25) 2-Butanone	6.82	43	2672	0.449	ug/l #	50
30) Chloroform	7.32	83	14657	0.519	ug/l #	18
31) Cyclohexane	7.65	56	113650	3.813	ug/l #	85
36) 1,1-Dichloropropene	7.66	75	99165	4.752	ug/l #	49
37) Ethyl Acetate	6.82	43	2672	0.210	ug/l #	71
38) Carbon Tetrachloride	7.66	117	128543	6.804	ug/l #	16
39) Methylcyclohexane	9.08	83	106374	4.194	ug/l #	84
40) Benzene	8.04	78	334334	5.376	ug/l	100
41) Methacrylonitrile	7.21	41	5072	0.728	ug/l #	19
43) Isopropyl Acetate	8.15	43	11725	0.544	ug/l #	51
47) Bromodichloromethane	9.39	83	7588	0.381	ug/l #	25
48) Methyl methacrylate	9.22	41	24392	2.170	ug/l #	26
51) 4-Methyl-2-Pentanone	10.02	43	85648	7.083	ug/l #	84
52) Toluene	10.16	92	1826394	49.428	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	19163	1.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	29555	2.274	ug/l #	24
56) Ethyl methacrylate	10.47	69	2825	2.841	ug/l #	1
59) 2-Hexanone	10.72	43	18757	2.311	ug/l #	30
61) 1,2-Dibromoethane	11.01	107	3295	0.255	ug/l #	2
67) Ethyl Benzene	11.51	91	734150	11.010	ug/l	99
68) m/p-Xylenes	11.62	106	963388	38.809	ug/l	100
69) o-Xylene	11.95	106	350199	14.528	ug/l	99
70) Styrene	11.95	104	18289	0.476	ug/l #	1
71) Bromoform	12.40	173	4848	0.553	ug/l #	1
73) Isopropylbenzene	12.25	105	75539	1.409	ug/l	100
74) N-amyl acetate	12.04	43	12474	0.921	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	383262	36.370	ug/l #	100
78) n-propylbenzene	12.59	91	353114	5.797	ug/l	100
79) 2-Chlorotoluene	12.66	91	109720	3.025	ug/l #	41

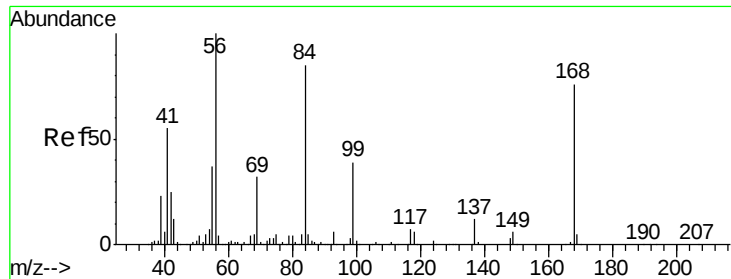
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052521.D
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 Operator : MD\SY
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Quant Time: Nov 29 00:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	441304	10.321	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	383262	121.458	ug/l #	11
82) 4-Chlorotoluene	12.73	91	42566	1.164	ug/l #	42
83) tert-Butylbenzene	13.04	119	170579	4.475	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	1386033	32.344	ug/l	100
85) sec-Butylbenzene	13.04	105	1386033	26.695	ug/l #	57
86) p-Isopropyltoluene	13.23	119	34176	0.773	ug/l	95
89) n-Butylbenzene	13.62	91	43778	1.190	ug/l #	65
90) Hexachloroethane	13.89	117	18422	2.460	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1210	0.694	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2396	3.016	ug/l #	45
95) Naphthalene	15.14	128	78379	6.266	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	676	2.784	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

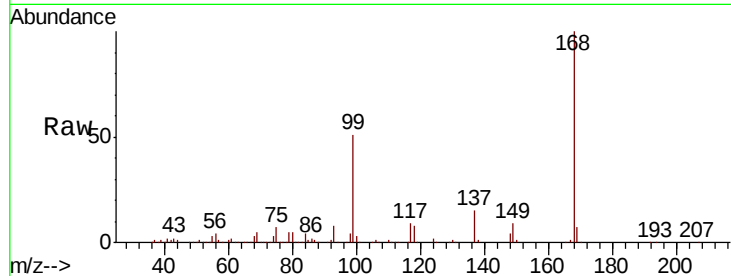
AOC2-01RMEDL

Tot Ion:168 Resp: 1461146

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

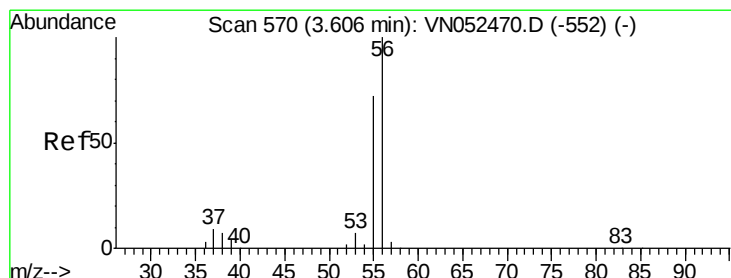
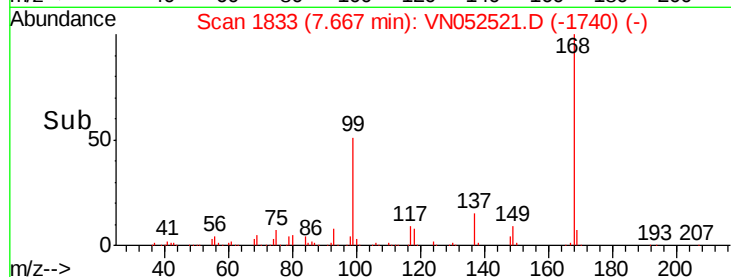
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 39.145 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.04 min

Lab File: VN052521.D

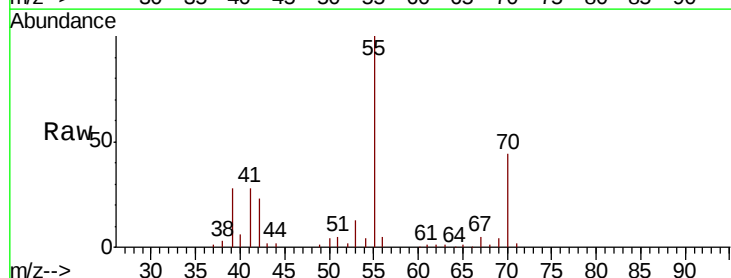
Acq: 28 Nov 2018 15:55

Tgt Ion: 56 Resp: 9146

Ion Ratio Lower Upper

56 100

55 1984.8 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

80000

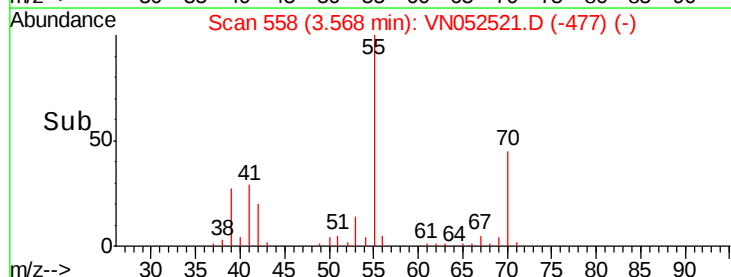
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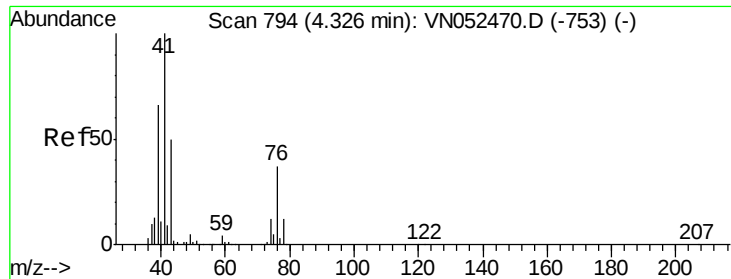
40000

20000

0

Time--> 3.50 3.55 3.60 3.65

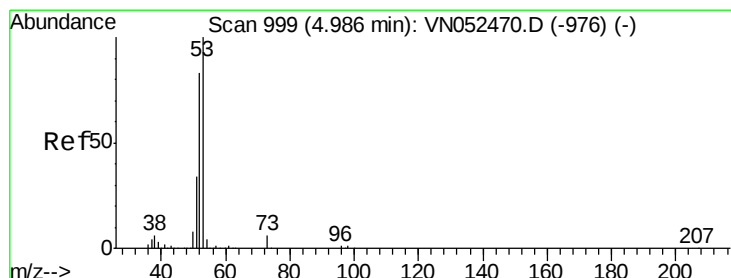
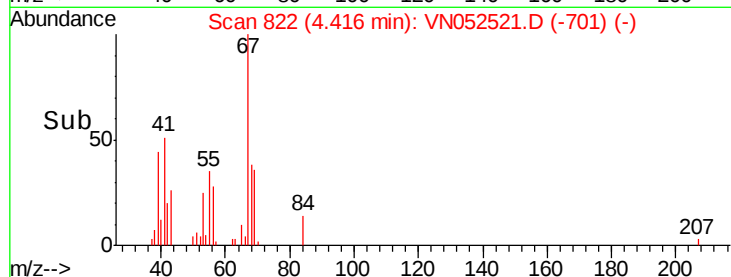
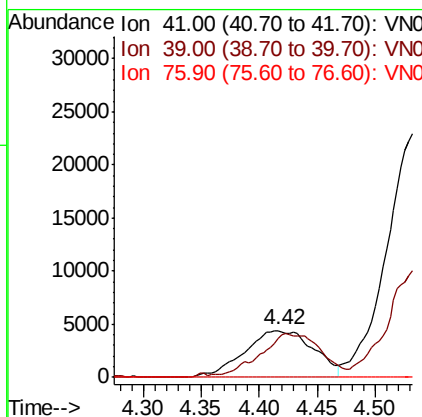
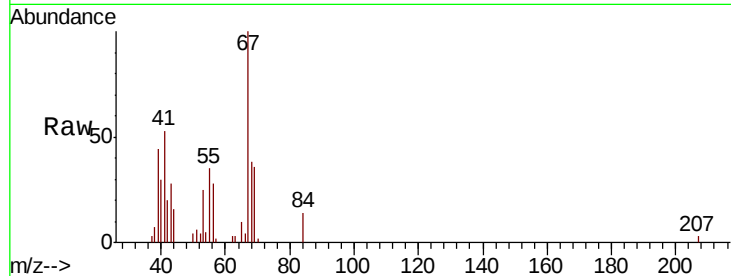




#14
Allvl chloride
Concen: 0.777 ug/l
RT: 4.42 min Scan# 822
Delta R.T. 0.09 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

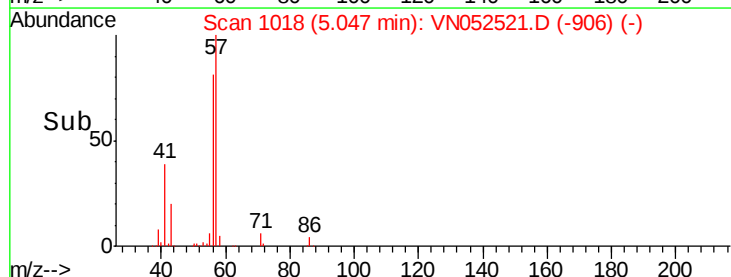
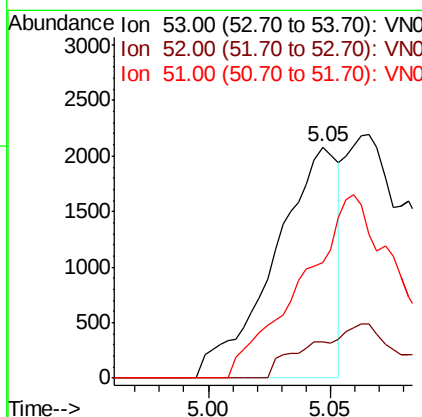
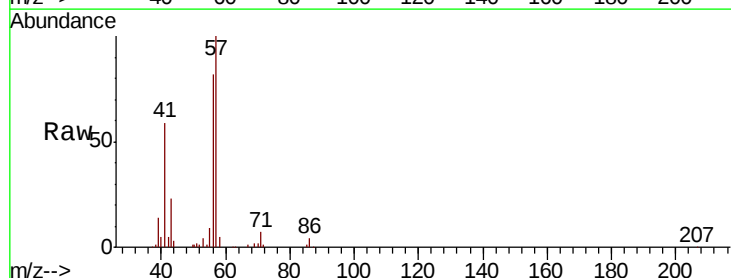
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

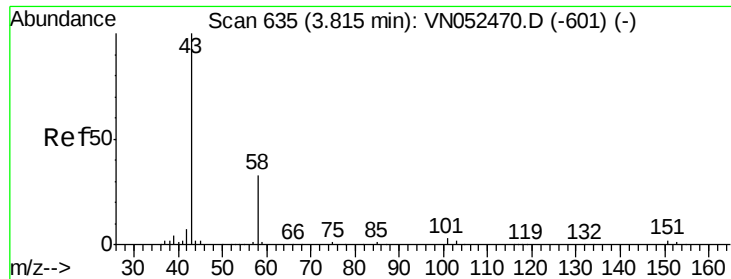
Tot Ion: 41 Resp: 18322
Ion Ratio Lower Upper
41 100
39 73.4 50.6 76.0
76 0.0 27.4 41.2#



#15
Acrylonitrile
Concen: 0.744 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.06 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion: 53 Resp: 3752
Ion Ratio Lower Upper
53 100
52 29.2 66.2 99.2#
51 125.7 28.1 42.1#





#16

Acetone

Concen: 2.931 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.02 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

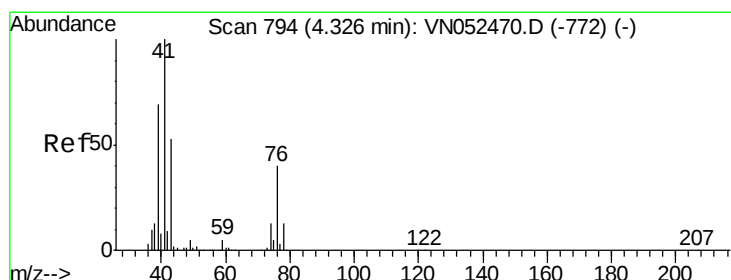
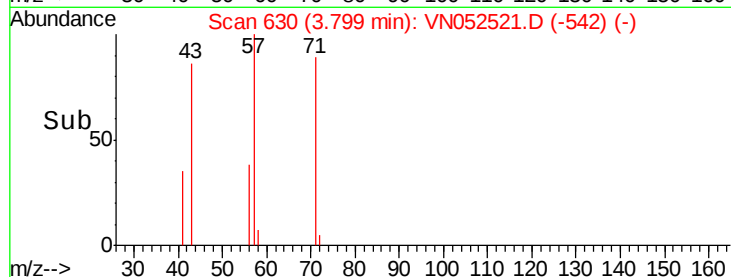
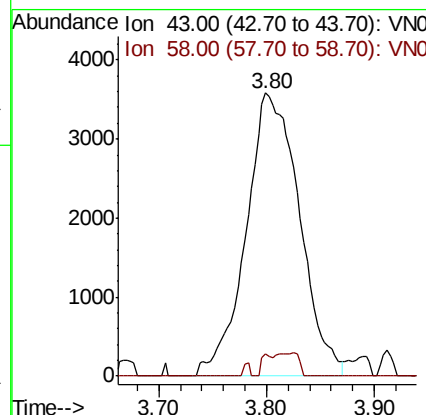
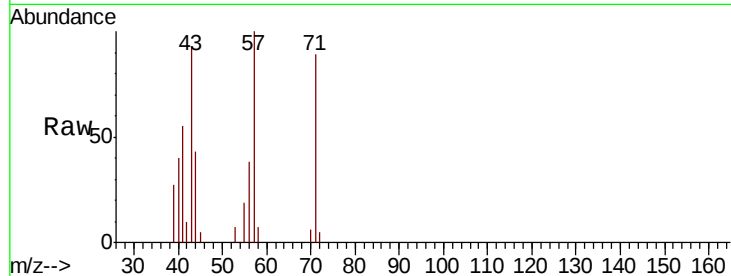
AOC2-01RMEDL

Tot Ion: 43 Resp: 12301

Ion Ratio Lower Upper

43 100

58 7.9 26.0 39.0#



#18

Methyl Acetate

Concen: 0.658 ug/l

RT: 4.40 min Scan# 816

Delta R.T. 0.07 min

Lab File: VN052521.D

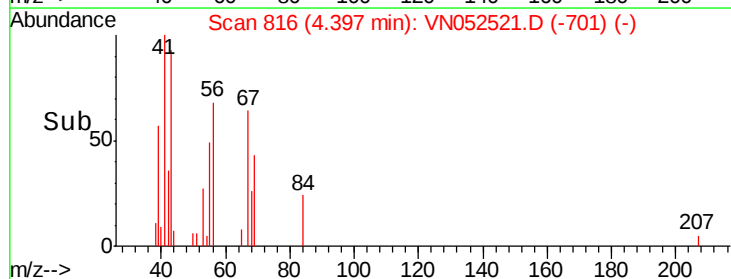
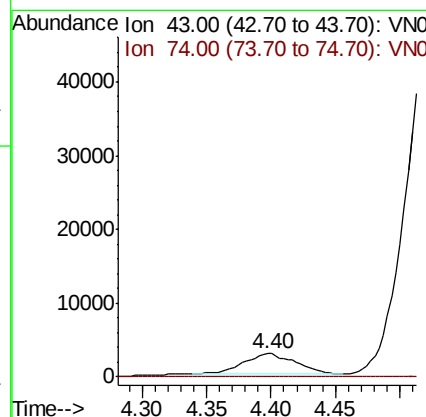
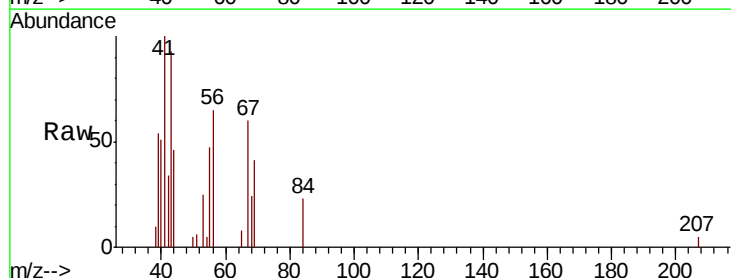
Acq: 28 Nov 2018 15:55

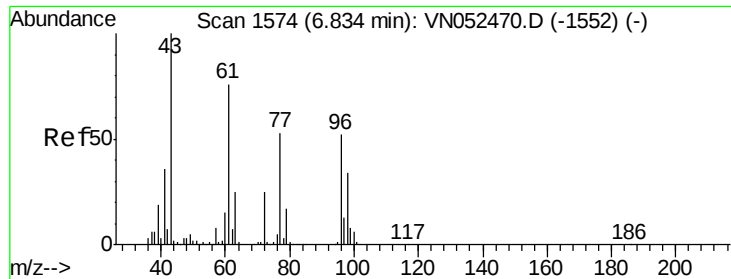
Tgt Ion: 43 Resp: 7925

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#





#25

2-Butanone

Concen: 0.449 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.02 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

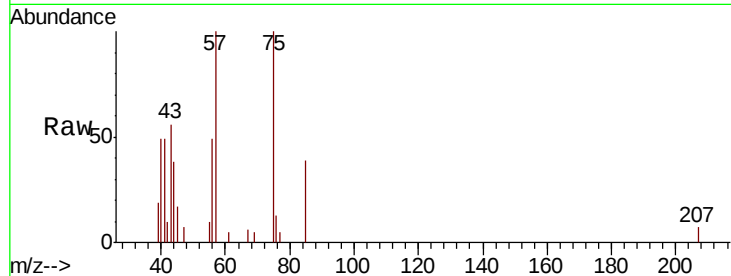
AOC2-01RMEDL

Tot Ion: 43 Resp: 2672

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.82

1500

1000

500

0

Time-->

6.75 6.80

6.82

6.84

6.86

6.88

6.90

6.92

6.94

6.96

6.98

7.00

7.02

7.04

7.06

7.08

7.10

7.12

7.14

7.16

7.18

7.20

7.22

7.24

7.26

7.28

7.30

7.32

7.34

7.36

7.38

7.40

7.42

7.44

7.46

7.48

7.50

7.52

7.54

7.56

7.58

7.60

7.62

7.64

7.66

7.68

7.70

7.72

7.74

7.76

7.78

7.80

7.82

7.84

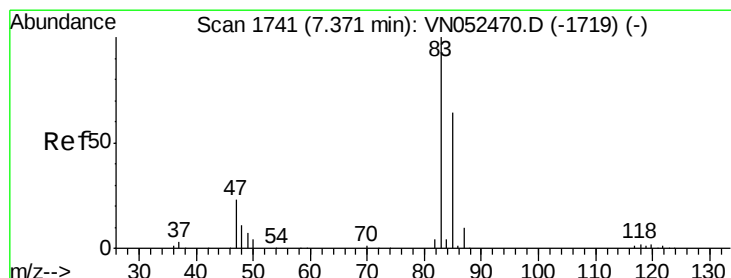
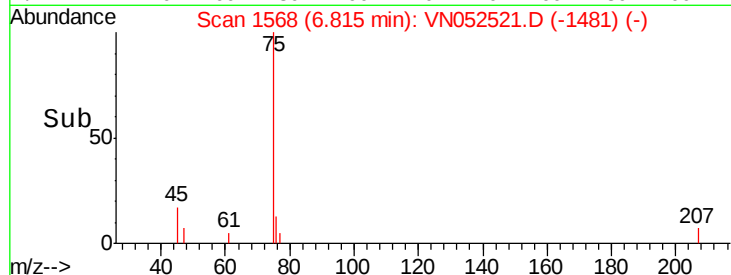
7.86

7.88

7.90

7.92

7.94



#30

Chloroform

Concen: 0.519 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.05 min

Lab File: VN052521.D

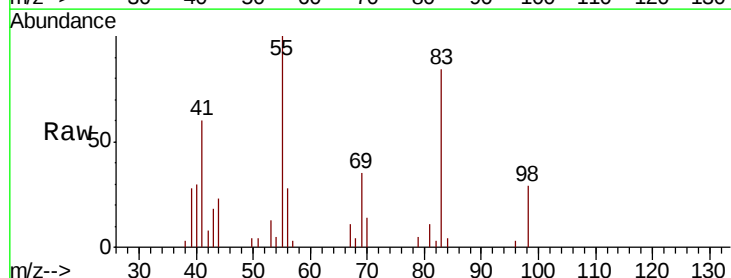
Acq: 28 Nov 2018 15:55

Tgt Ion: 83 Resp: 14657

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.32

5000

4000

3000

2000

1000

0

Time-->

7.25 7.30

7.32

7.34

7.36

7.38

7.40

7.42

7.44

7.46

7.48

7.50

7.52

7.54

7.56

7.58

7.60

7.62

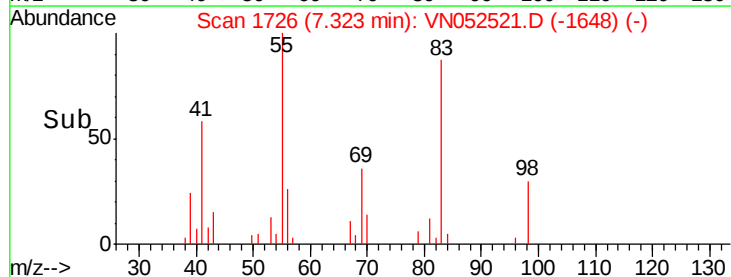
7.64

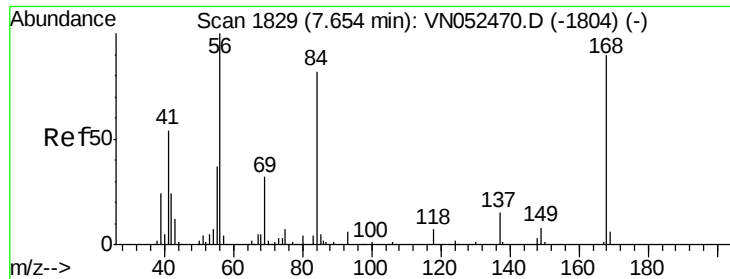
7.66

7.68

7.70

7.72

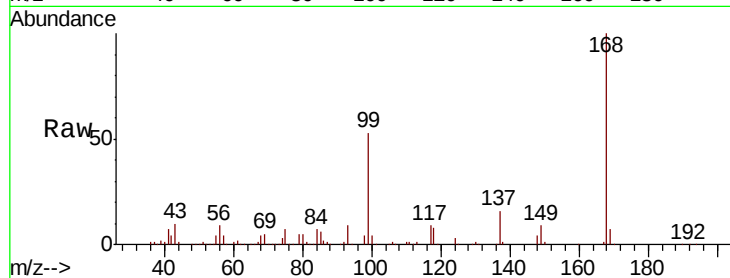




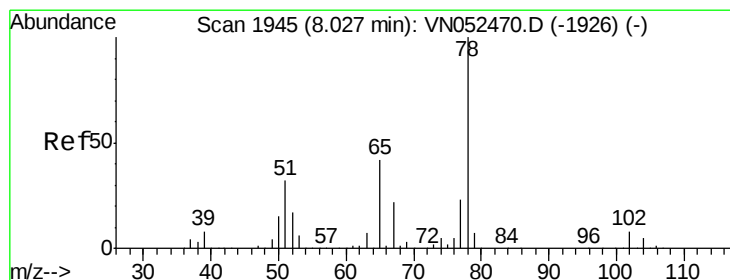
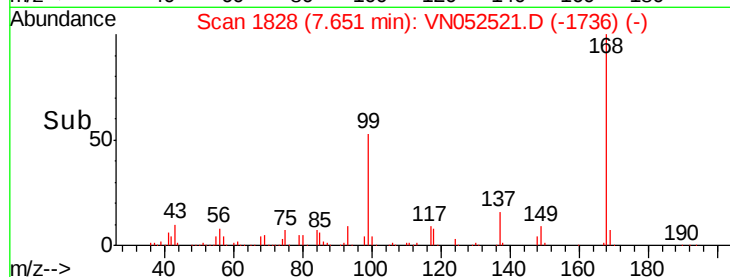
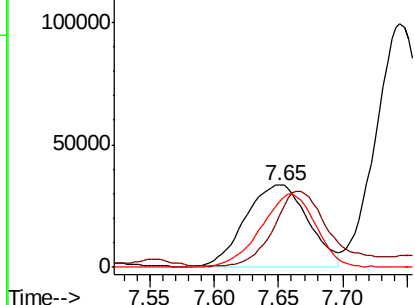
#31
Cyclohexane
Concen: 3.813 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion: 56 Resp: 113650
Ion Ratio Lower Upper
56 100
69 60.8 25.8 38.6#
84 80.9 65.3 97.9

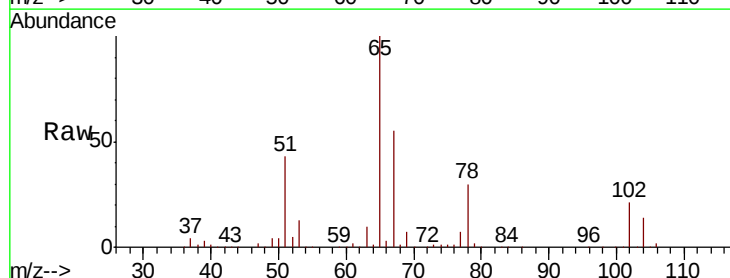


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

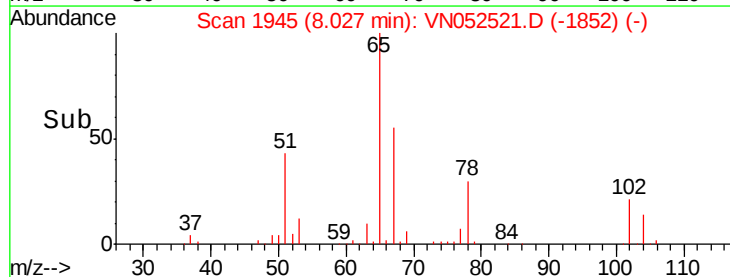
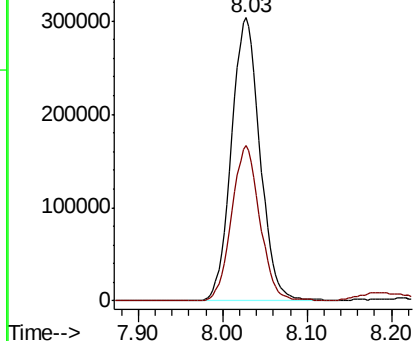


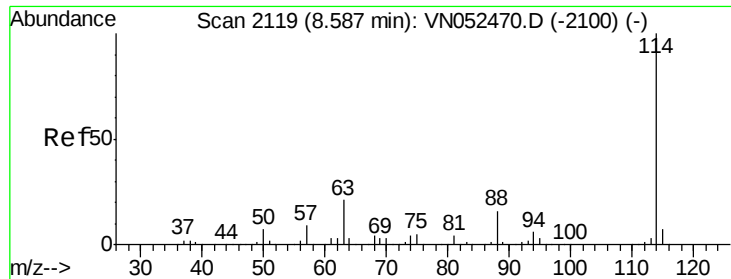
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion: 65 Resp: 716769
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

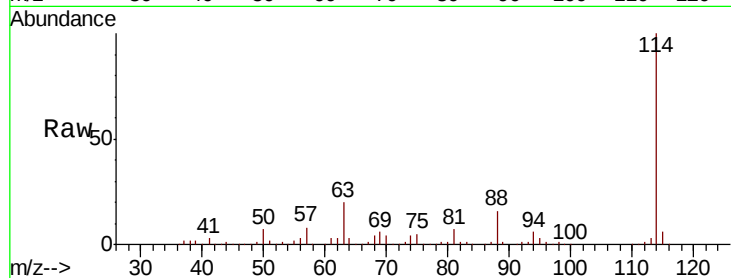




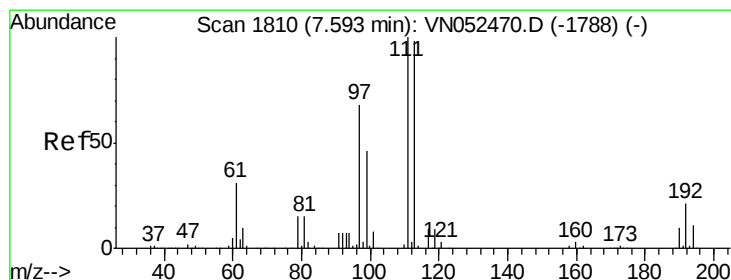
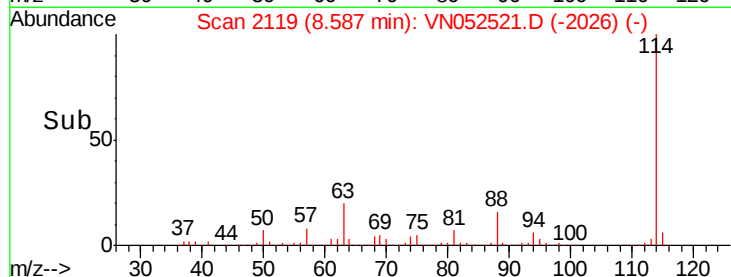
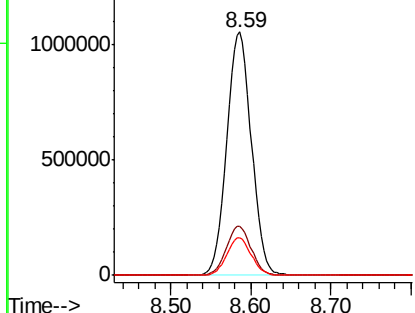
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

Tot Ion:114 Resp: 2209872
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.7 0.0 31.6

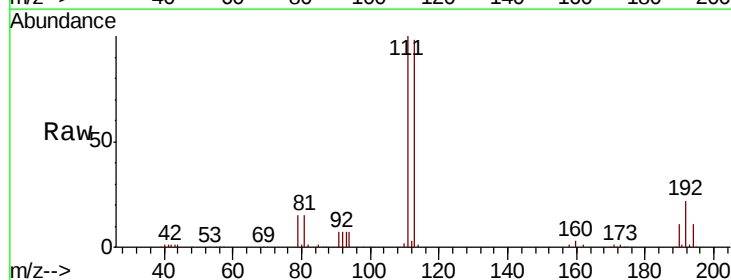


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

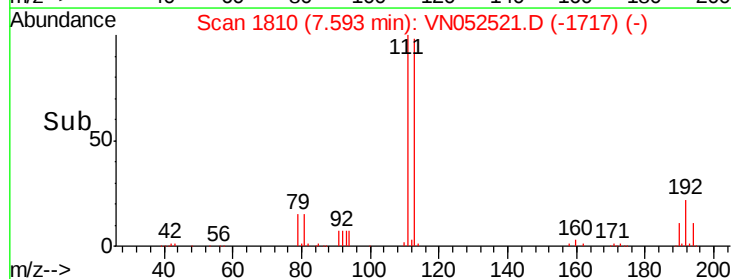
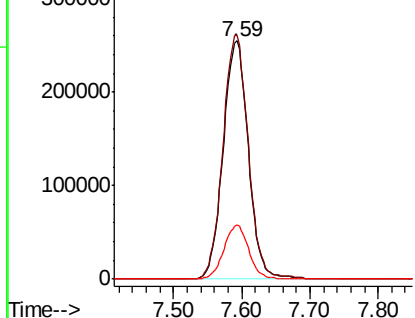


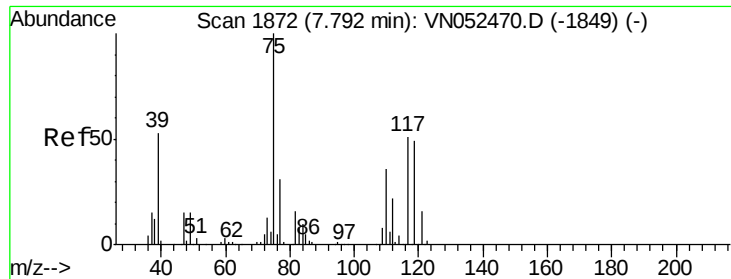
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

Tgt Ion:113 Resp: 654082
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 22.2 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

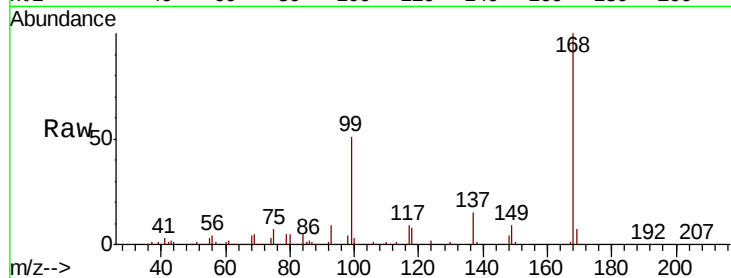
Tot Ion: 75 Resp: 99165

Ion Ratio Lower Upper

75 100

110 7.9 17.5 52.6#

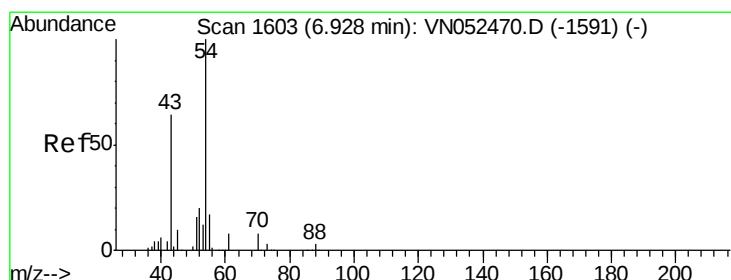
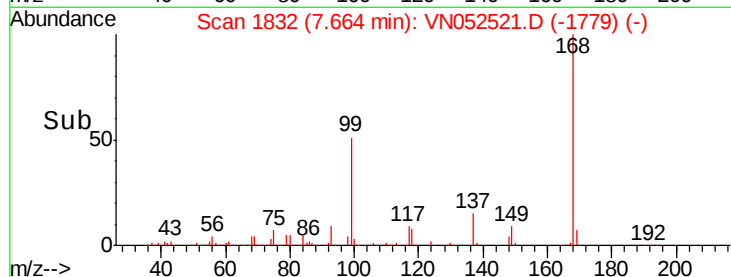
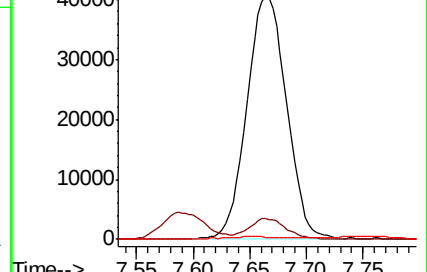
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.210 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.11 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

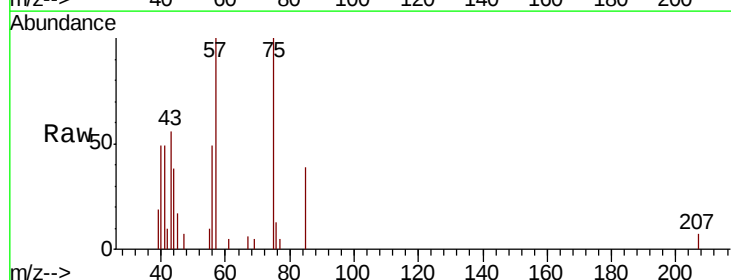
Tgt Ion: 43 Resp: 2672

Ion Ratio Lower Upper

43 100

61 2.3 11.8 17.8#

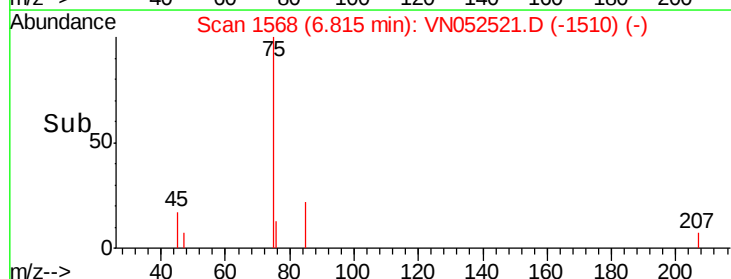
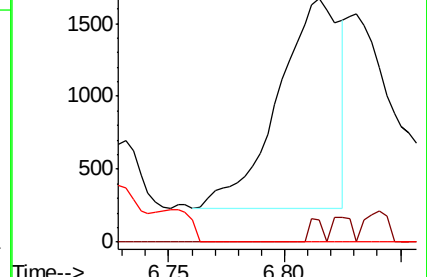
70 0.0 7.8 11.8#

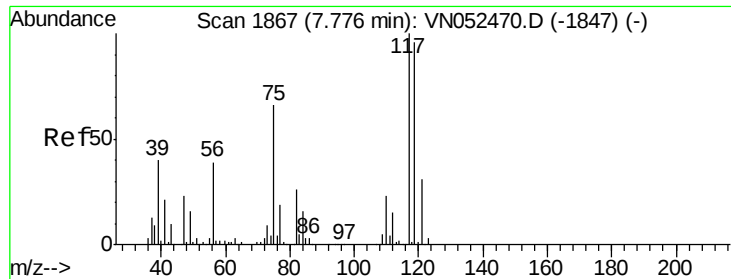


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

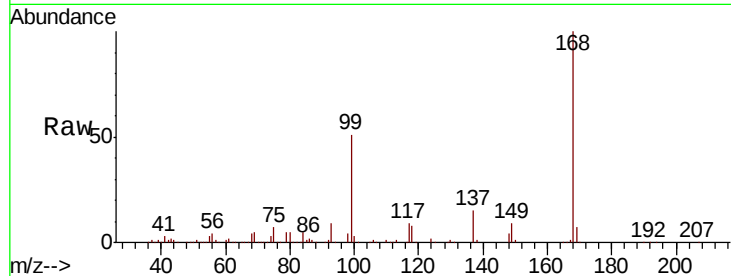
Tot Ion:117 Resp: 128543

Ion Ratio Lower Upper

117 100

119 4.7 76.8 115.2#

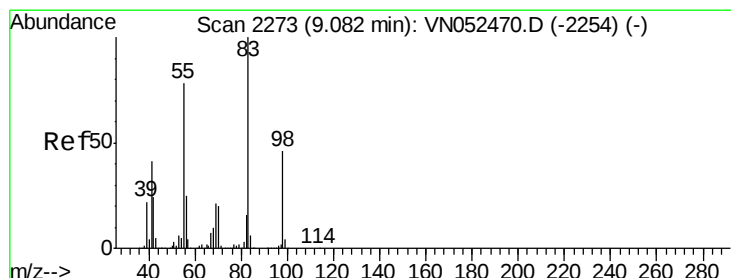
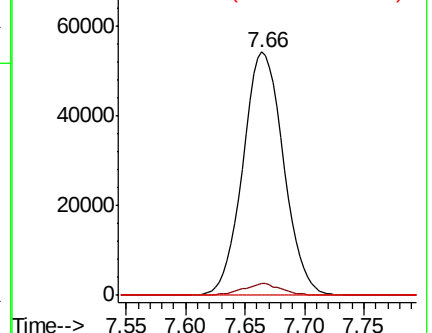
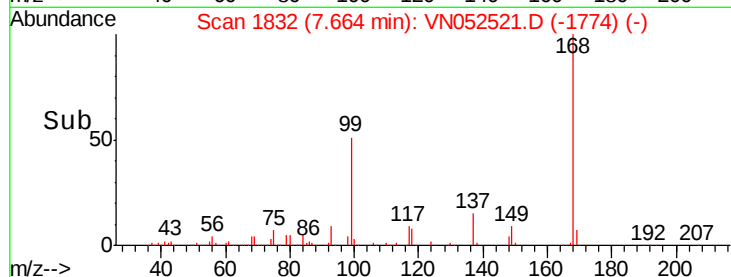
121 0.0 24.9 37.3#



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: 4.194 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

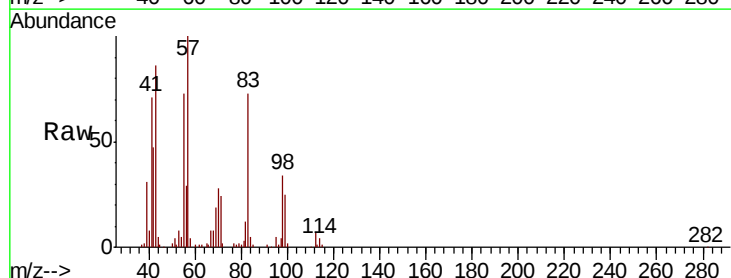
Tgt Ion: 83 Resp: 106374

Ion Ratio Lower Upper

83 100

55 98.2 62.2 93.2#

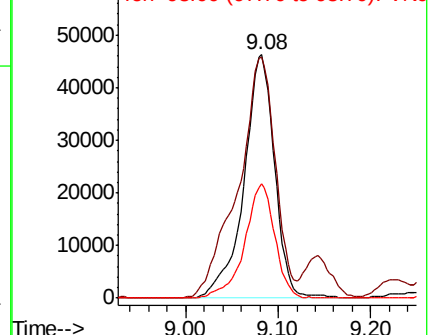
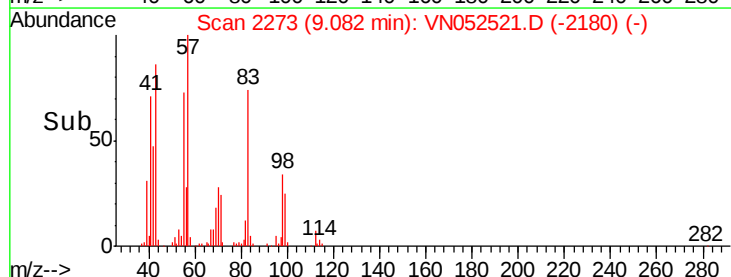
98 46.9 36.4 54.6

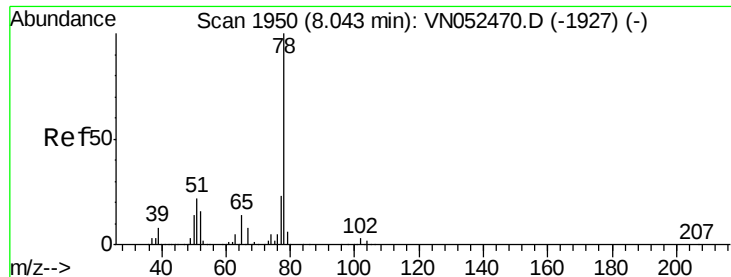


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 5.376 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

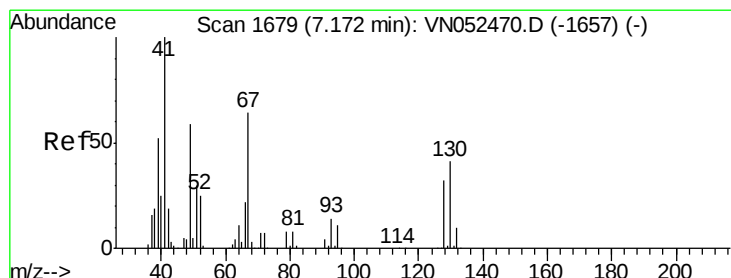
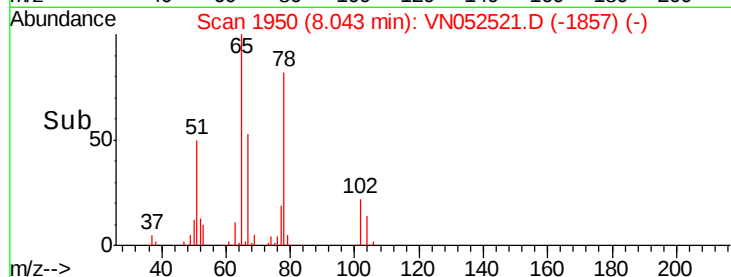
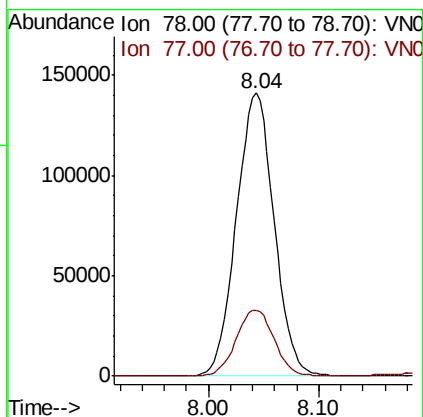
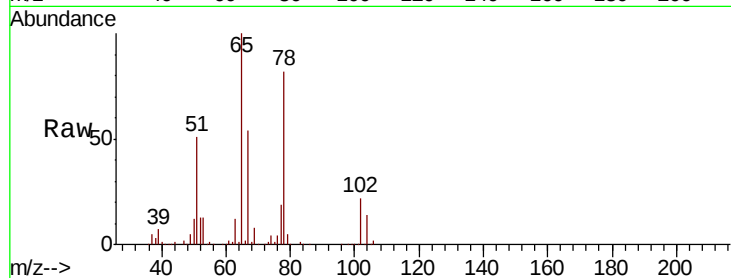
AOC2-01RMEDL

Tot Ion: 78 Resp: 334334

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#41

Methacrylonitrile

Concen: 0.728 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Tgt Ion: 41 Resp: 5072

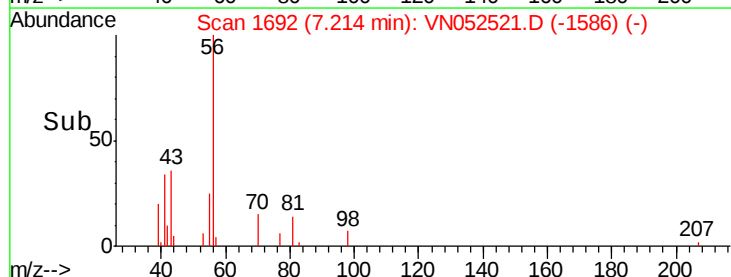
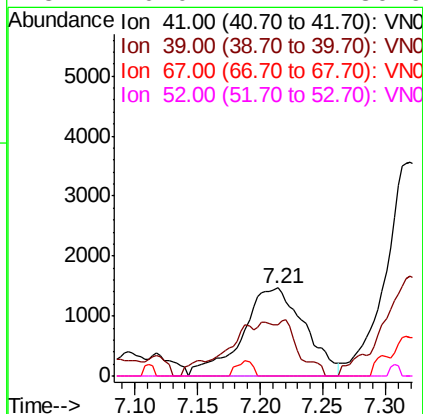
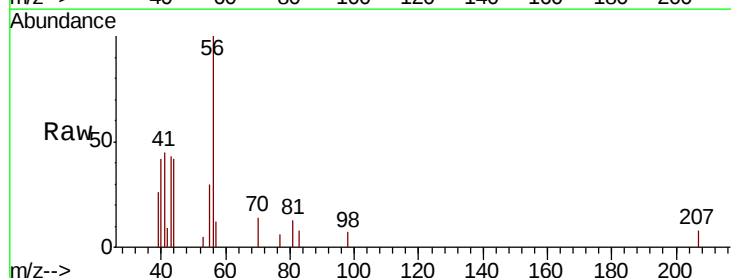
Ion Ratio Lower Upper

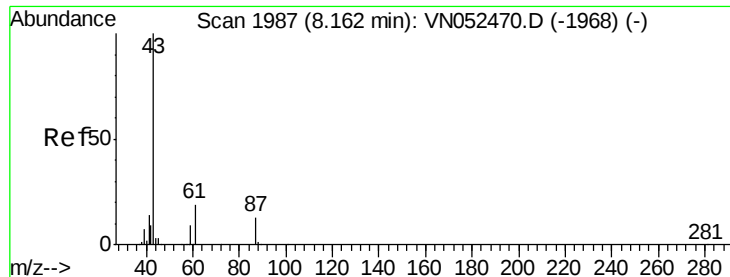
41 100

39 0.0 50.9 76.3#

67 0.0 63.6 95.4#

52 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.544 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

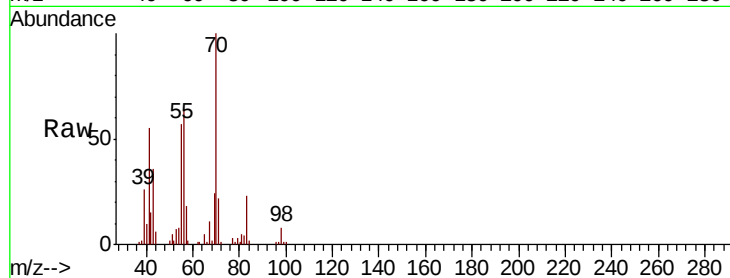
Tot Ion: 43 Resp: 11725

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

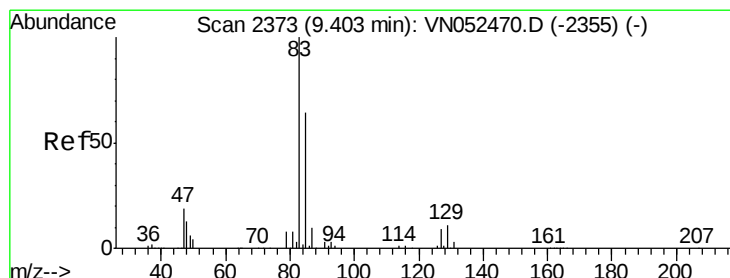
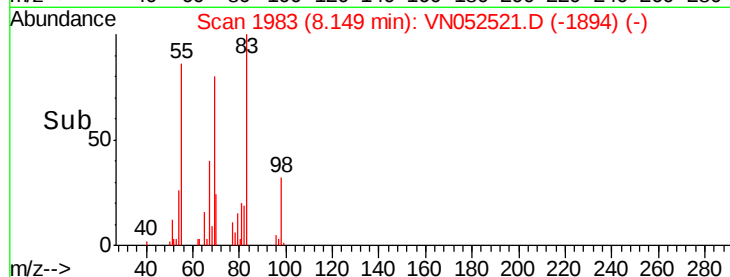
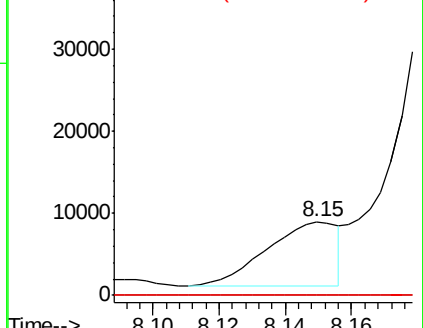
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.381 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

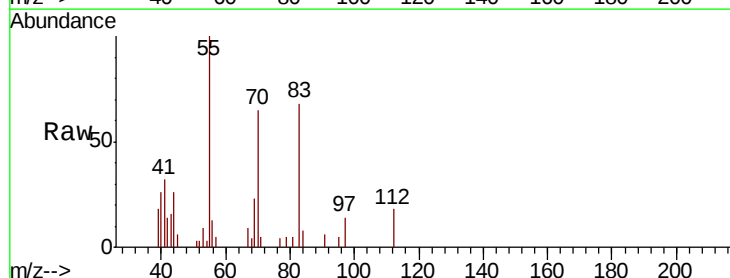
Tgt Ion: 83 Resp: 7588

Ion Ratio Lower Upper

83 100

85 0.0 51.3 76.9#

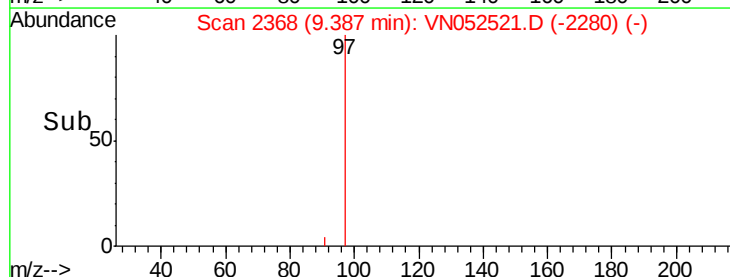
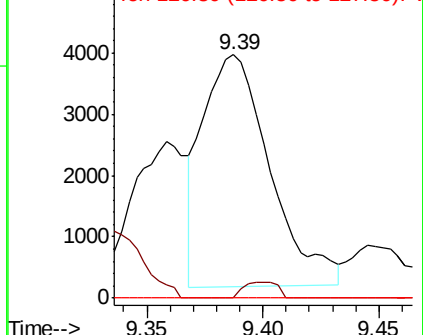
127 0.0 6.9 10.3#

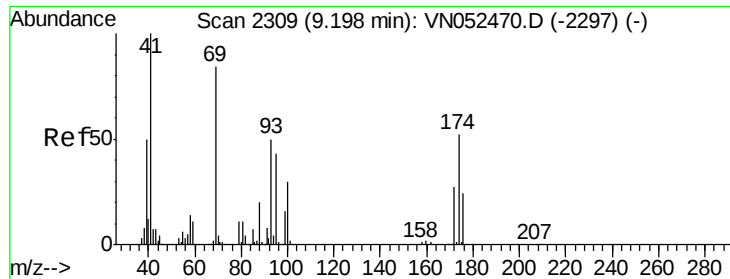


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

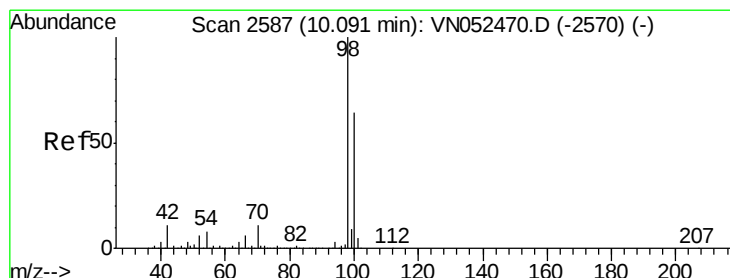
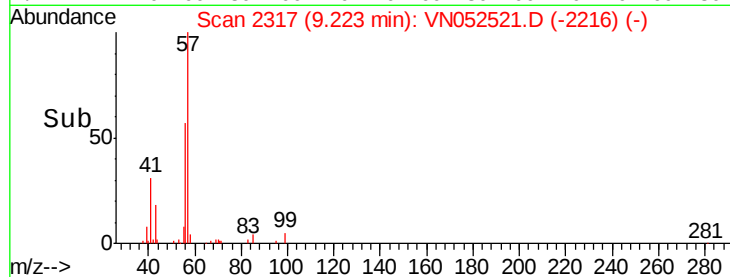
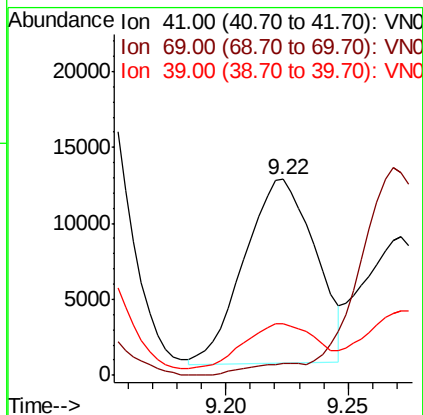
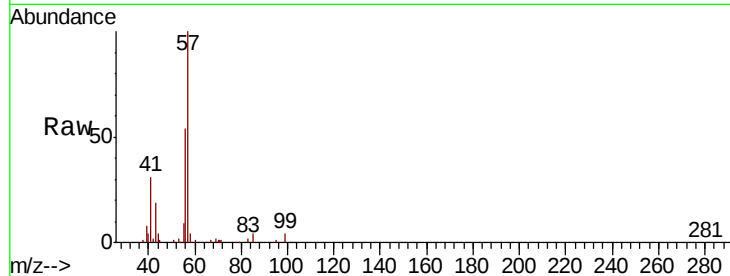




#48
Methvl methacrylate
Concen: 2.170 ug/l
RT: 9.22 min Scan# 2317
Delta R.T. 0.03 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

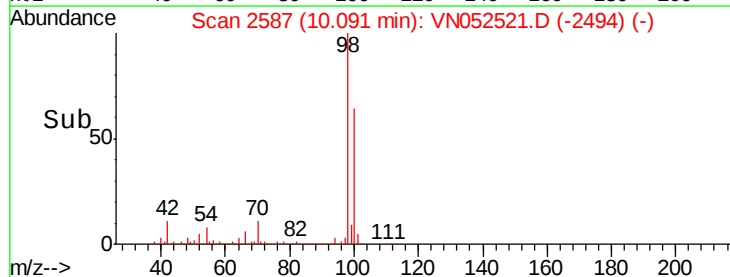
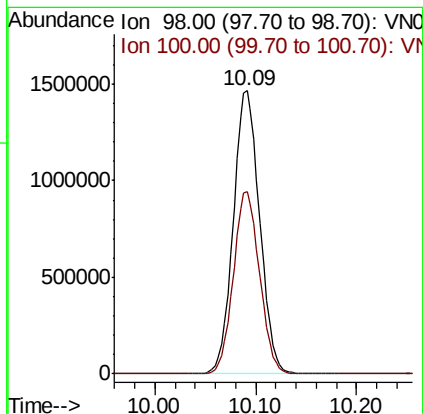
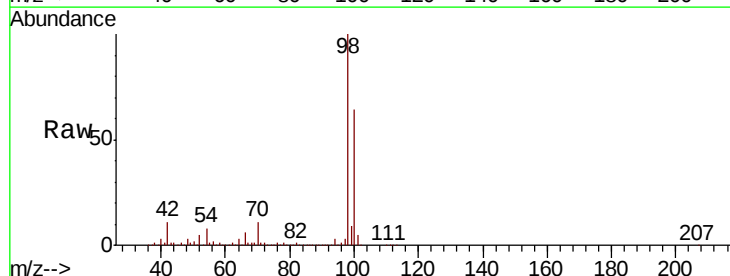
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

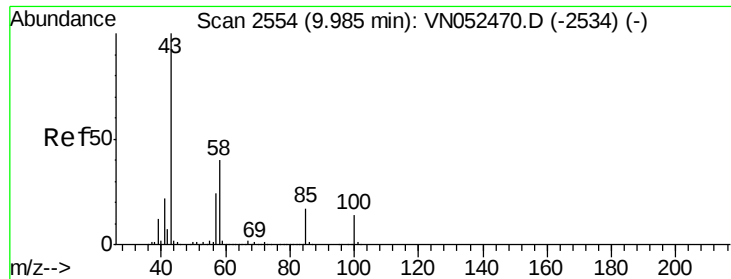
Tot Ion: 41 Resp: 24392
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 25.0 42.6 64.0#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion: 98 Resp: 2656211
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 7.083 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

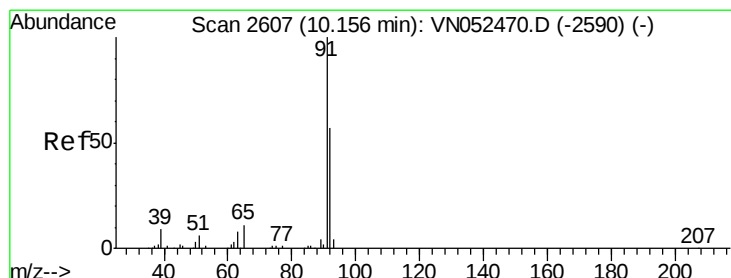
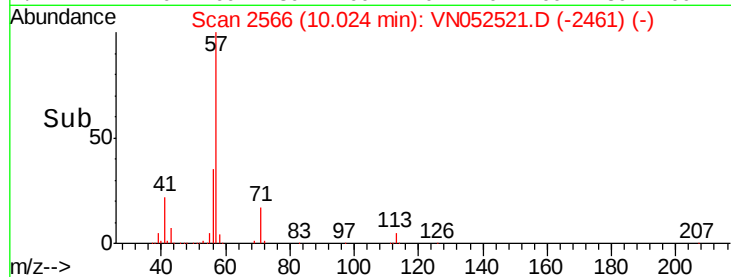
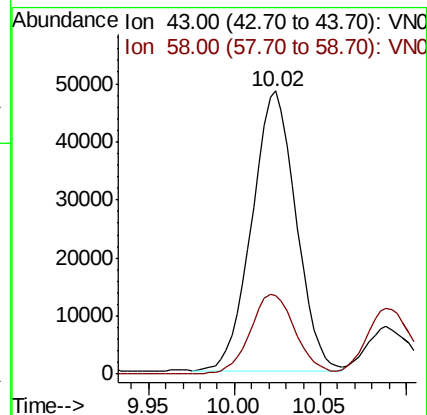
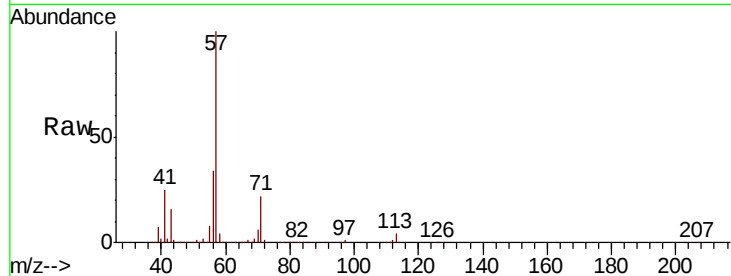
AOC2-01RMEDL

Tot Ion: 43 Resp: 85648

Ion Ratio Lower Upper

43 100

58 29.4 31.5 47.3#



#52

Toluene

Concen: 49.428 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052521.D

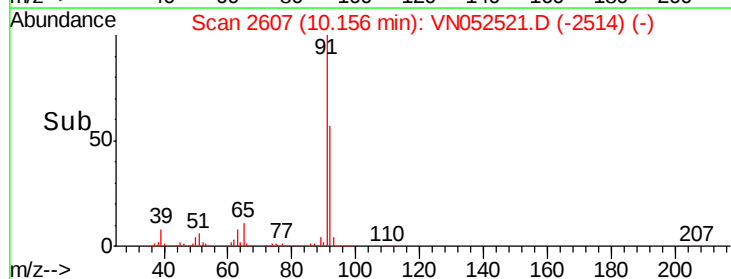
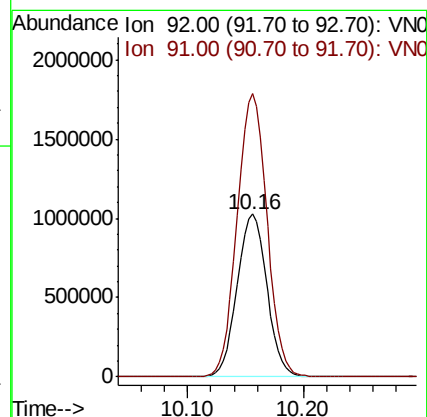
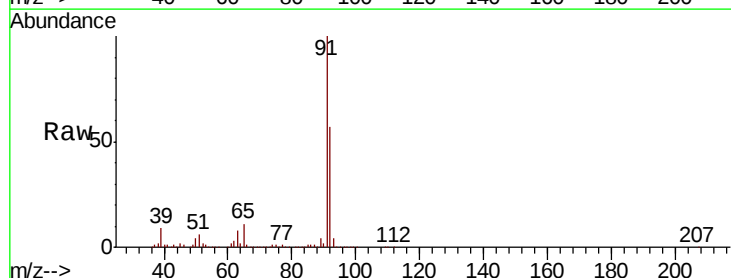
Acq: 28 Nov 2018 15:55

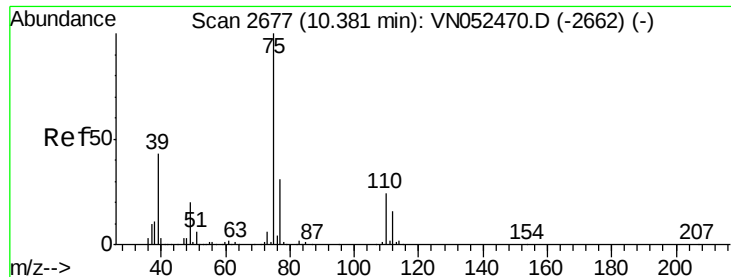
Tgt Ion: 92 Resp: 1826394

Ion Ratio Lower Upper

92 100

91 175.3 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 1.001 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

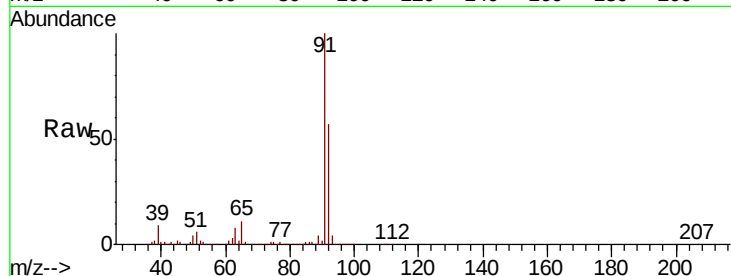
AOC2-01RMEDL

Tot Ion: 75 Resp: 19163

Ion Ratio Lower Upper

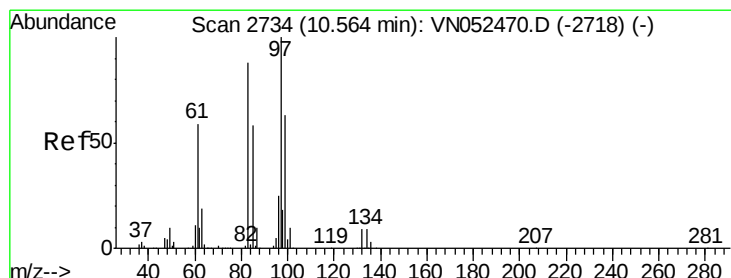
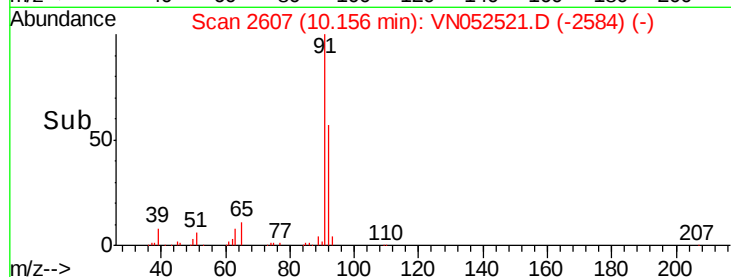
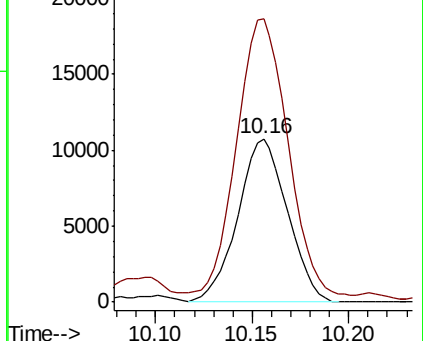
75 100

77 168.1 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-2662) (-)



#55

1,1,2-Trichloroethane

Concen: 2.274 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Tgt Ion: 97 Resp: 29555

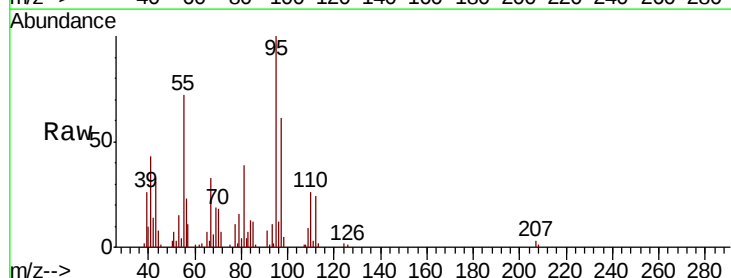
Ion Ratio Lower Upper

97 100

83 6.7 70.7 106.1#

85 20.2 46.1 69.1#

99 0.0 50.8 76.2#

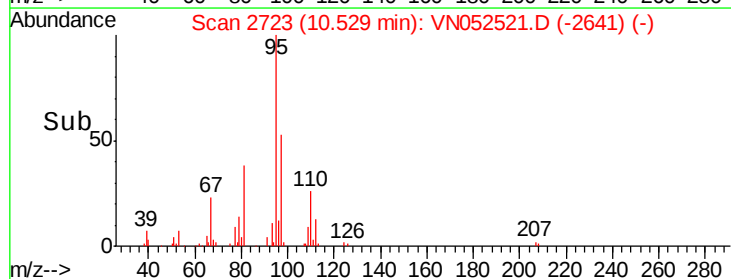
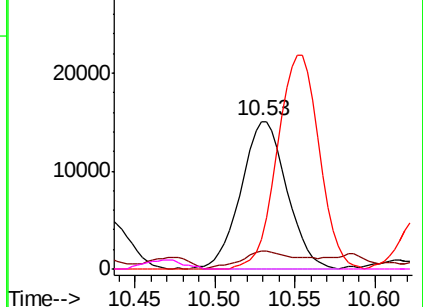


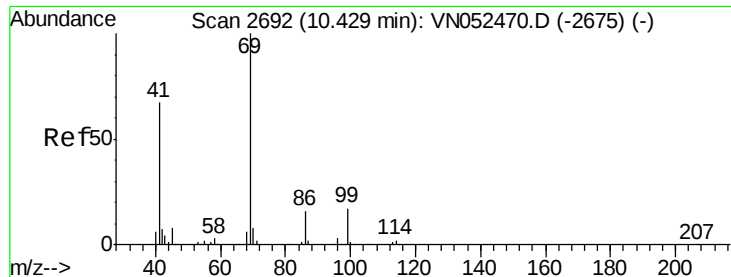
Abundance Ion 96.90 (96.60 to 97.60): VN052470.D (-2718) (-)

Ion 82.90 (82.60 to 83.60): VN052470.D (-2718) (-)

Ion 84.90 (84.60 to 85.60): VN052470.D (-2718) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-2718) (-)





#56

Ethyl methacrylate

Concen: 2.841 ug/l

RT: 10.47 min Scan# 2706

Delta R.T. 0.05 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

AOC2-01RMEDL

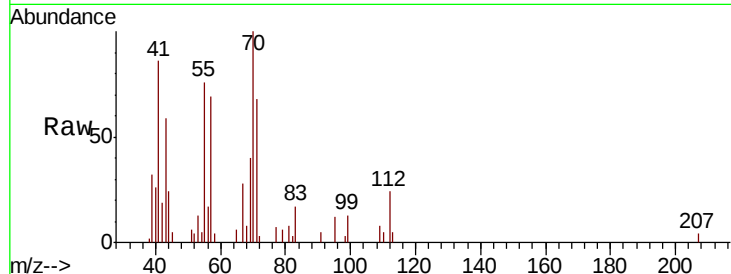
Tot Ion: 69 Resp: 2825

Ion Ratio Lower Upper

69 100

41 179.0 52.6 79.0#

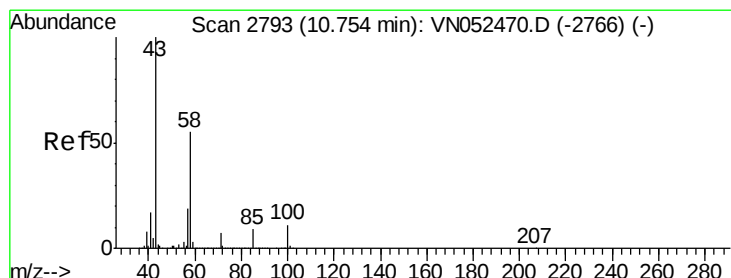
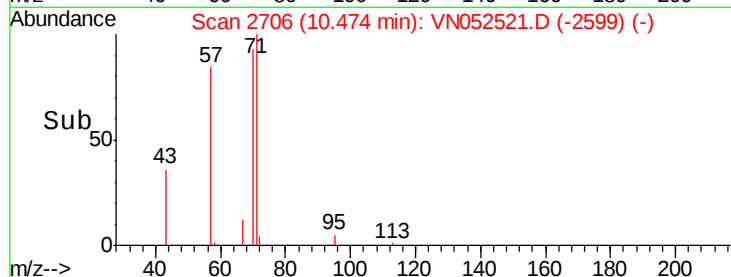
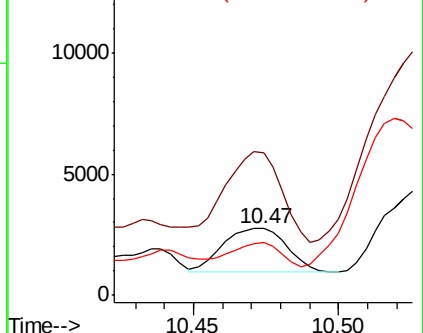
39 0.0 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 2.311 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN052521.D

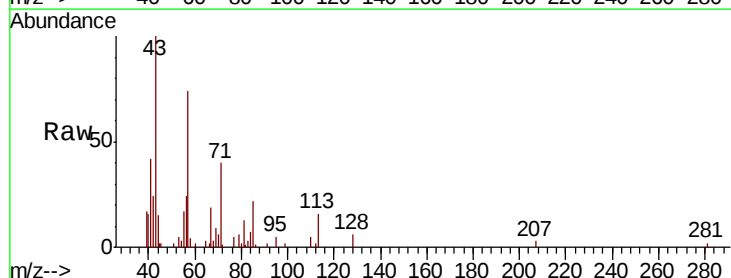
Acq: 28 Nov 2018 15:55

Tgt Ion: 43 Resp: 18757

Ion Ratio Lower Upper

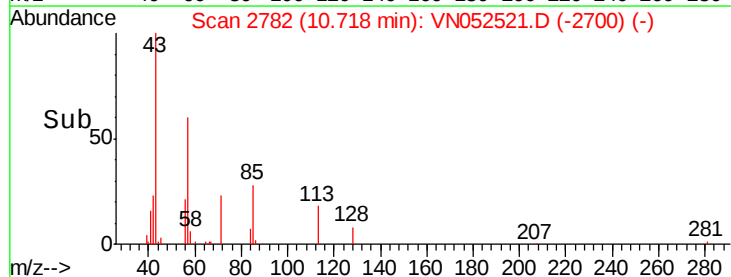
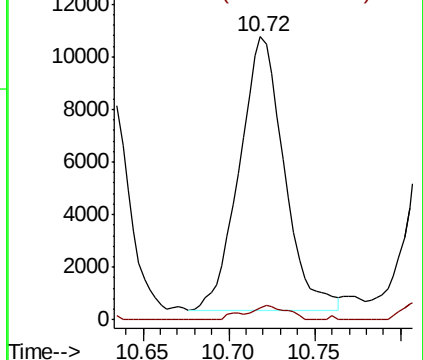
43 100

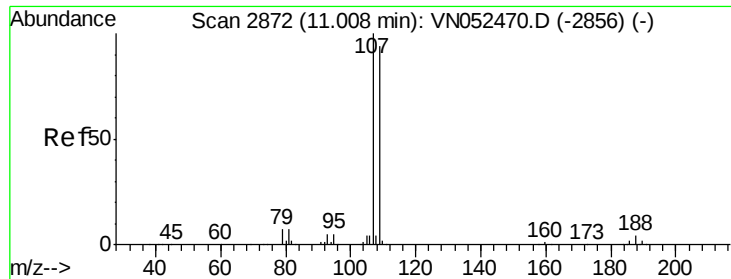
58 3.9 27.4 82.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#61

1,2-Dibromoethane

Concen: 0.255 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

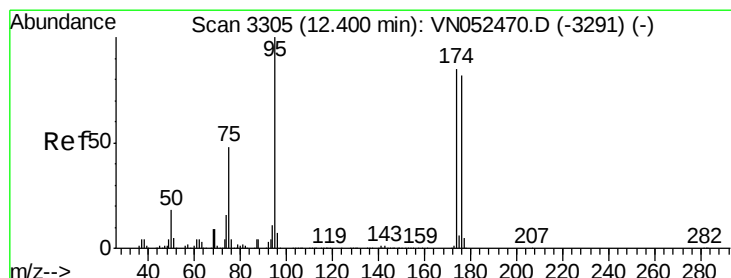
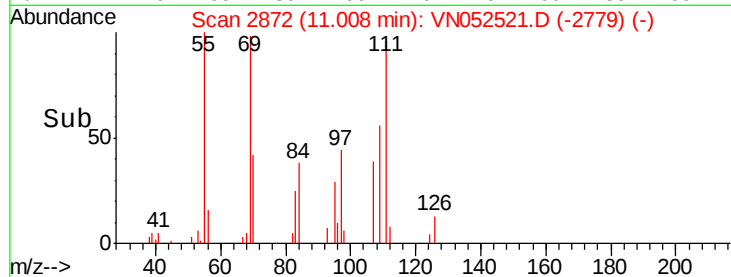
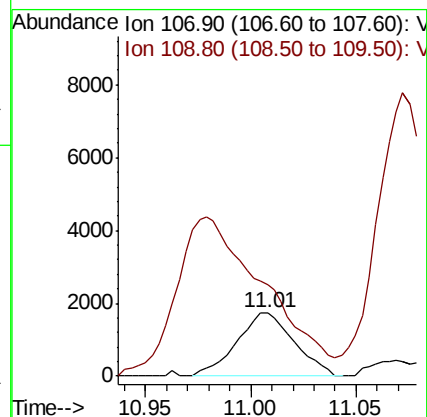
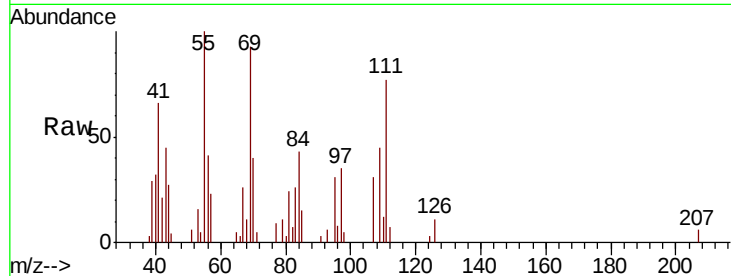
AOC2-01RMEDL

Tot Ion:107 Resp: 3295

Ion Ratio Lower Upper

107 100

109 0.0 75.6 113.4#



#62

4-Bromofluorobenzene

Concen: 0.255 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

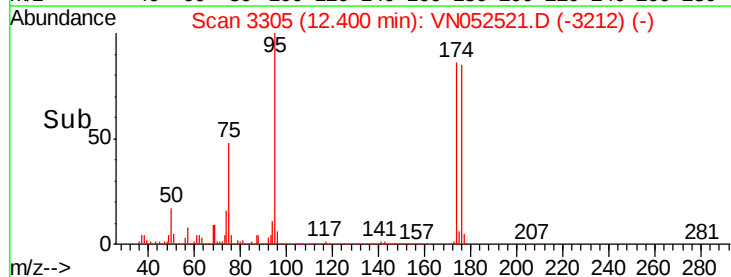
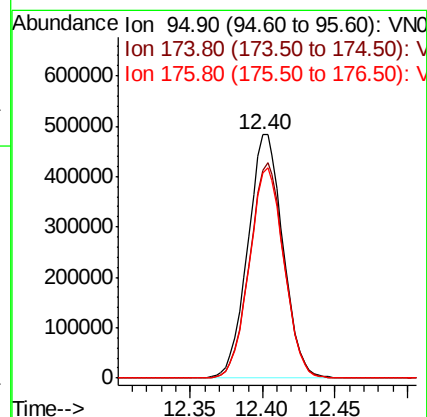
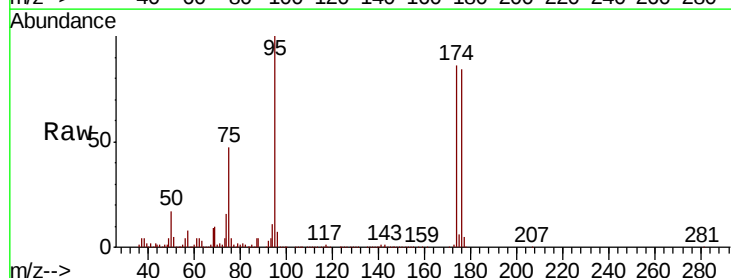
Tgt Ion: 95 Resp: 812247

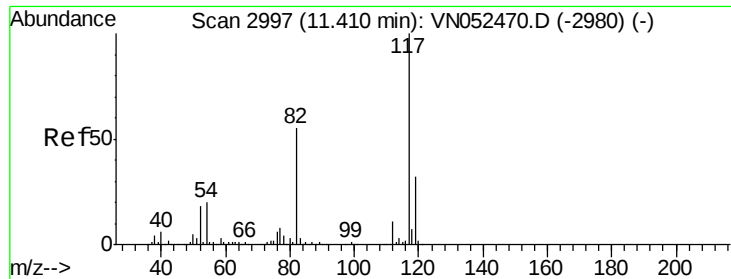
Ion Ratio Lower Upper

95 100

174 87.1 0.0 173.0

176 85.4 0.0 166.2

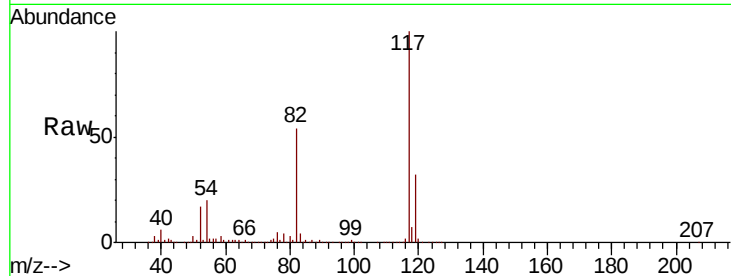




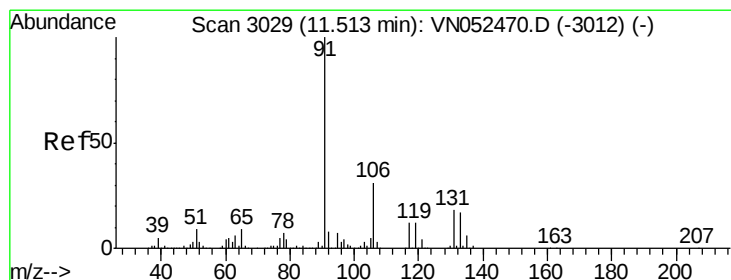
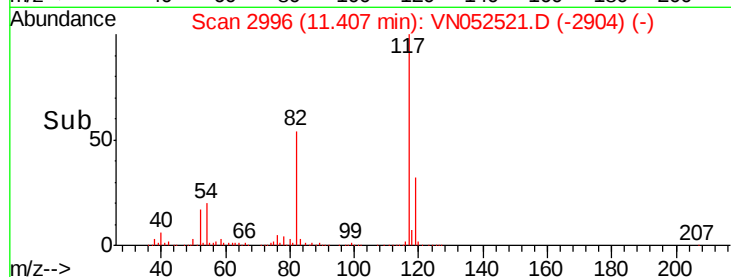
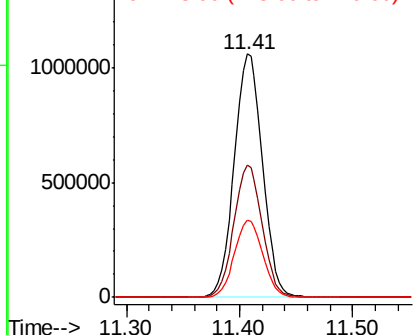
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion:117 Resp: 1846651
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.6 25.4 38.2

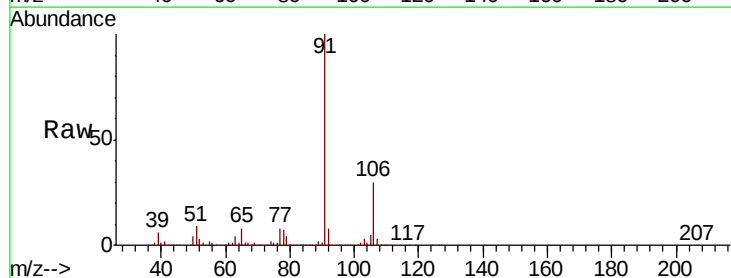


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

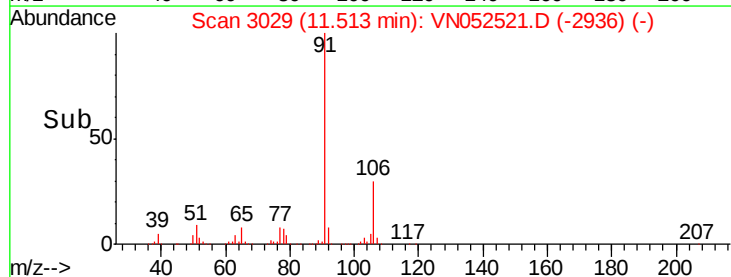
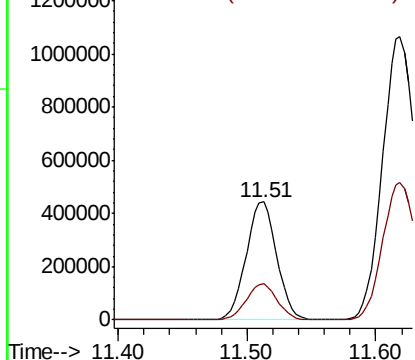


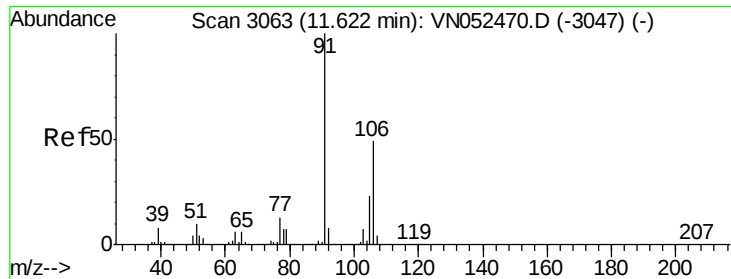
#67
Ethyl Benzene
Concen: 11.010 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion: 91 Resp: 734150
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



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

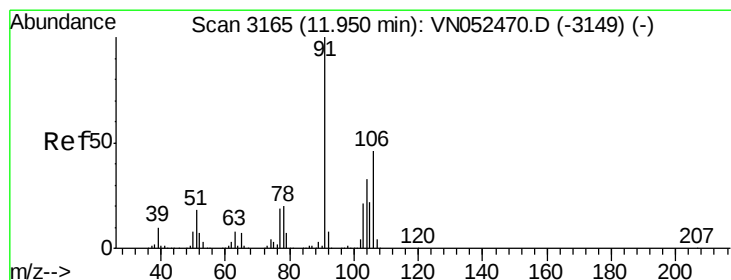
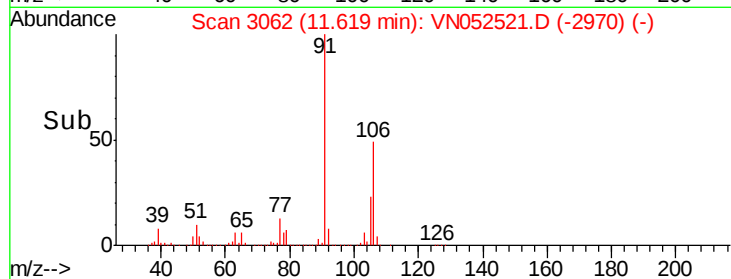
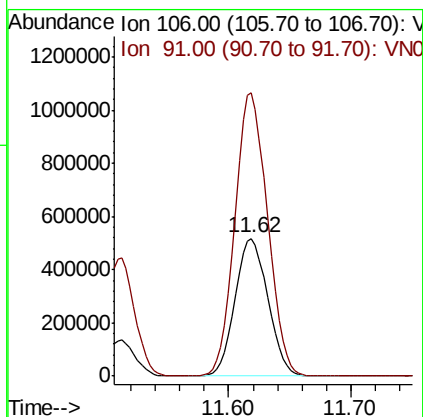
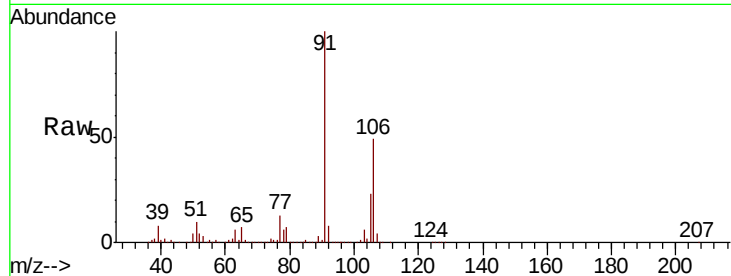




#68
m/p-Xylenes
Concen: 38.809 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

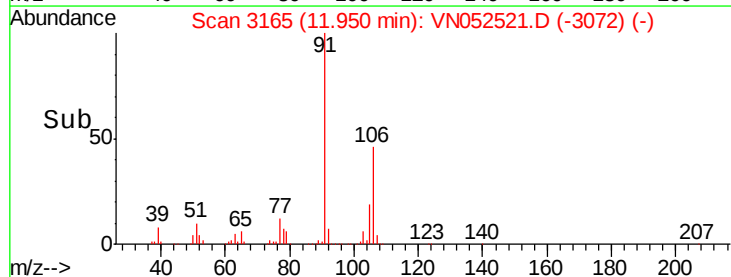
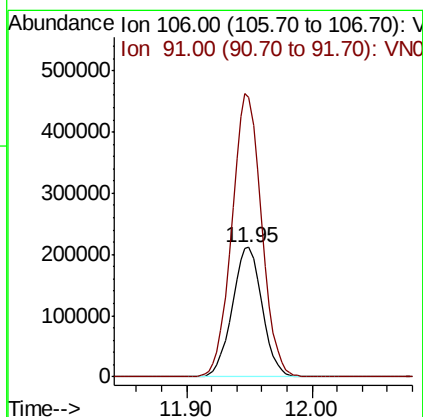
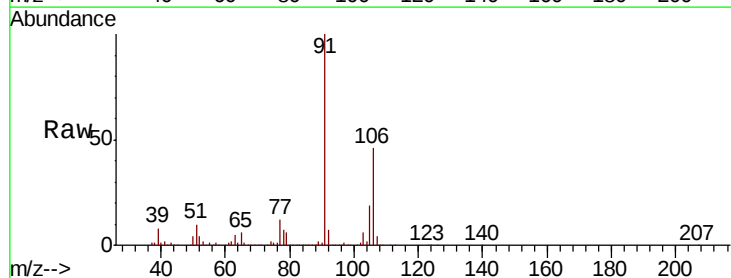
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

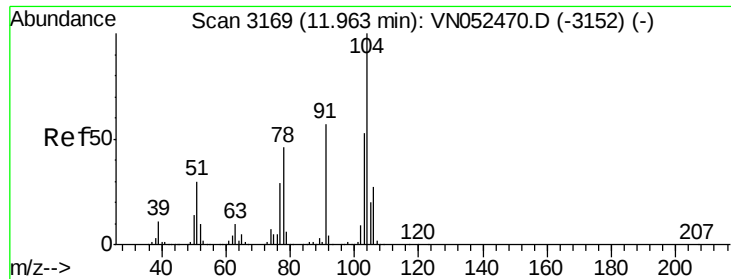
Tot Ion:106 Resp: 963388
Ion Ratio Lower Upper
106 100
91 204.4 163.2 244.8



#69
o-Xylene
Concen: 14.528 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion:106 Resp: 350199
Ion Ratio Lower Upper
106 100
91 216.4 107.7 323.1

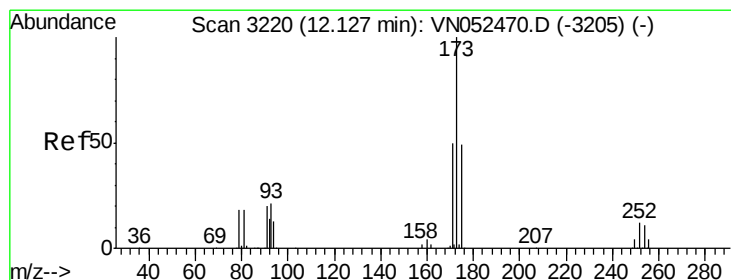
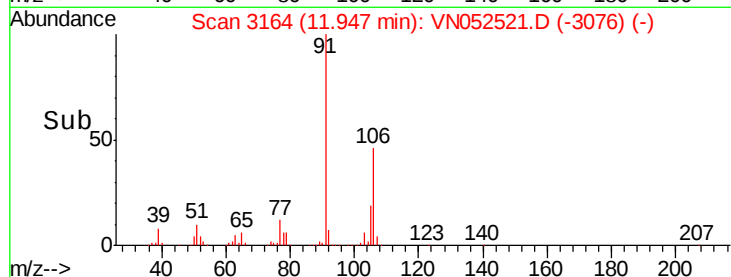
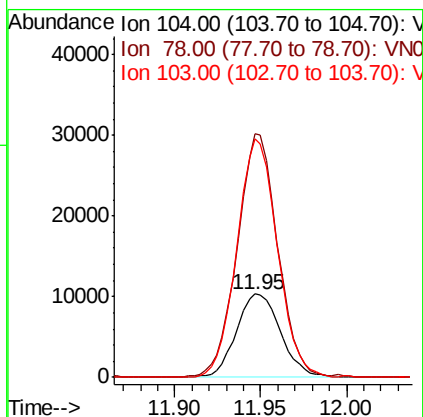
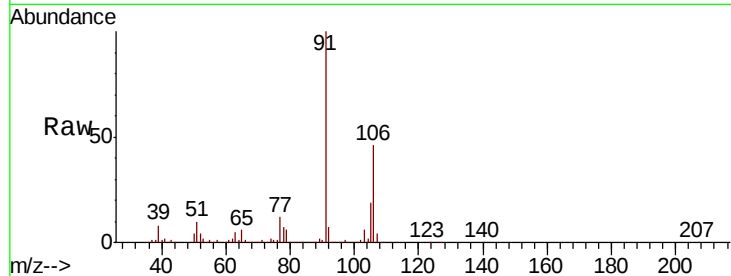




#70
Stvrene
Concen: 0.476 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

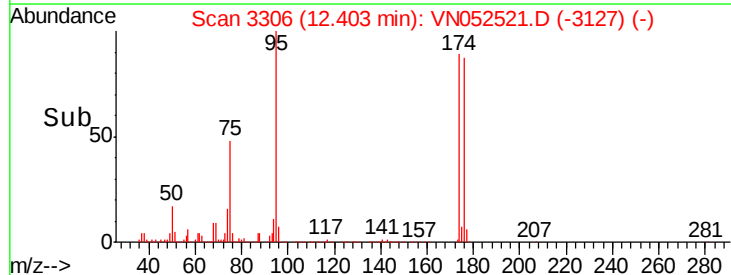
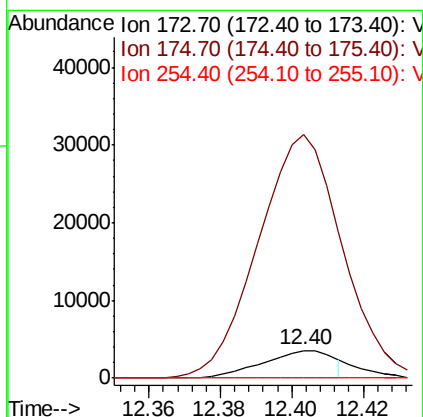
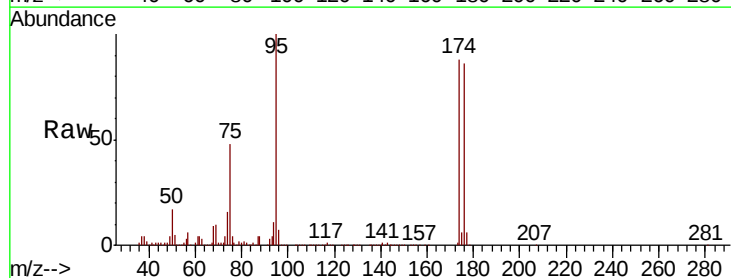
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

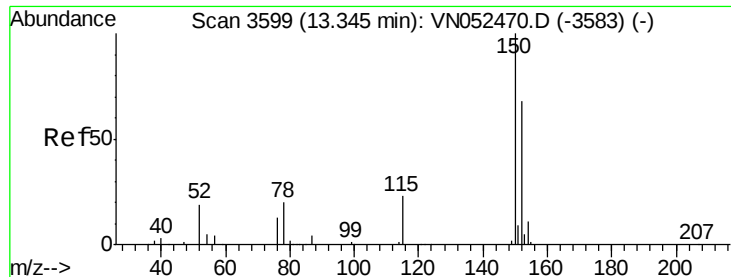
Tot Ion:104 Resp: 18289
Ion Ratio Lower Upper
104 100
78 270.1 39.4 59.2#
103 264.0 44.9 67.3#



#71
Bromoform
Concen: 0.553 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion:173 Resp: 4848
Ion Ratio Lower Upper
173 100
175 914.8 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

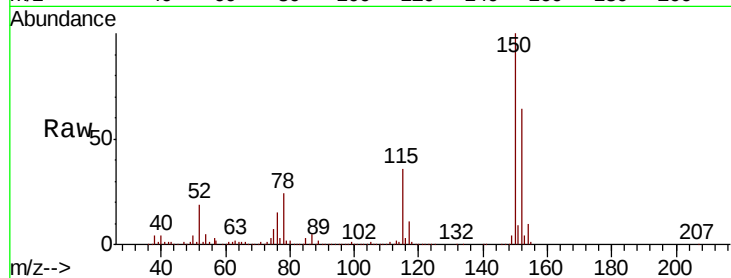
Tot Ion:152 Resp: 683366

Ion Ratio Lower Upper

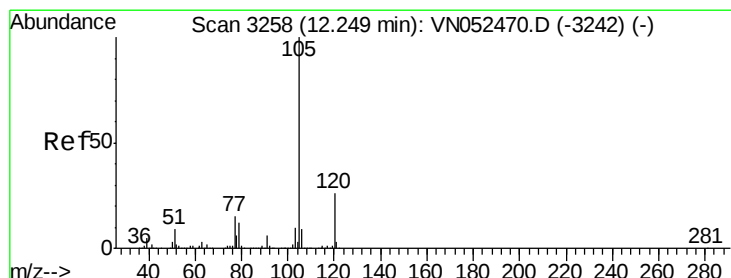
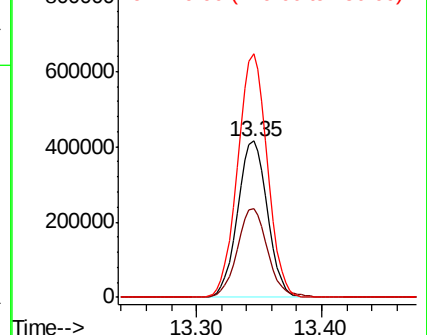
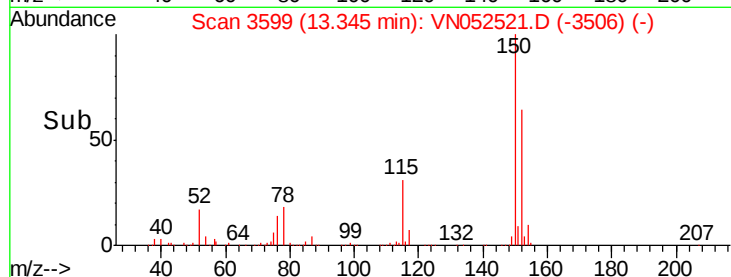
152 100

115 58.2 28.4 85.2

150 155.2 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.409 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052521.D

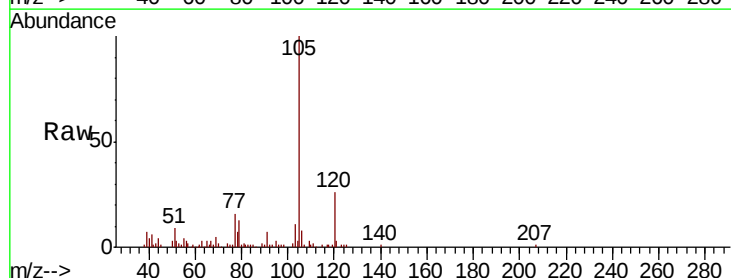
Acq: 28 Nov 2018 15:55

Tgt Ion:105 Resp: 75539

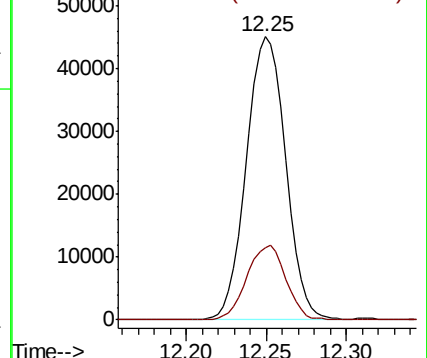
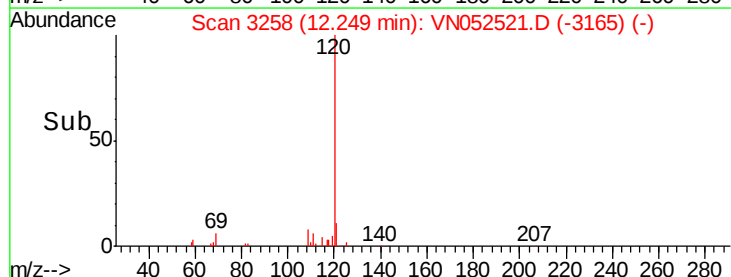
Ion Ratio Lower Upper

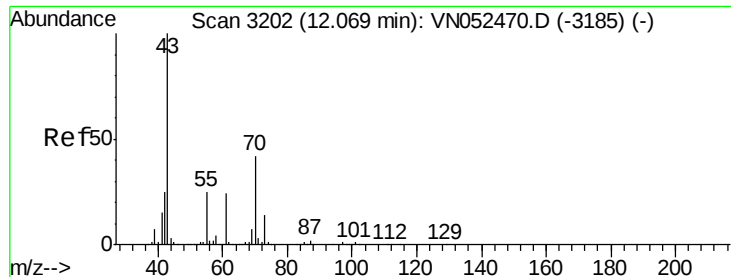
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.921 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleID :

AOC2-01RMEDL

Tot Ion: 43 Resp: 12474

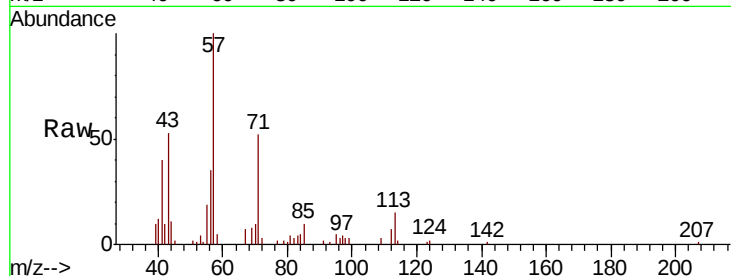
Ion Ratio Lower Upper

43 100

70 10.9 33.8 50.8#

55 4.9 20.0 30.0#

61 0.0 19.7 29.5#

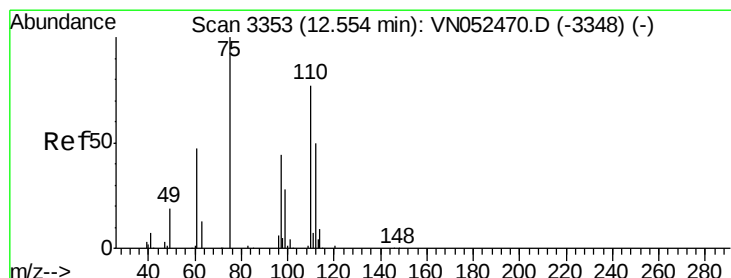
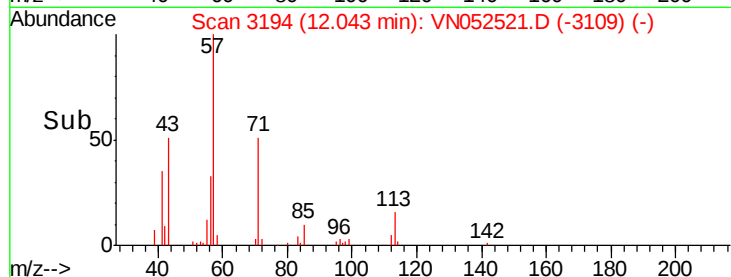
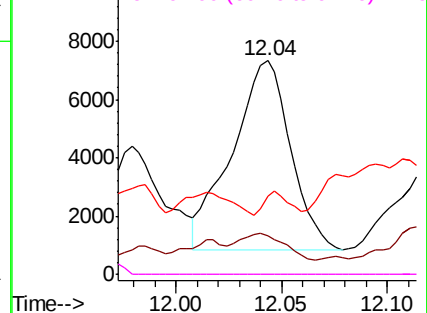


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 36.370 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052521.D

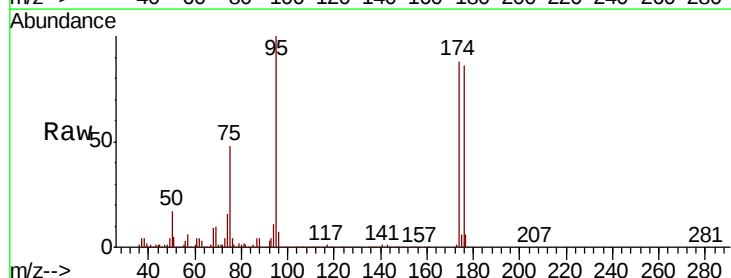
Acq: 28 Nov 2018 15:55

Tgt Ion: 75 Resp: 383262

Ion Ratio Lower Upper

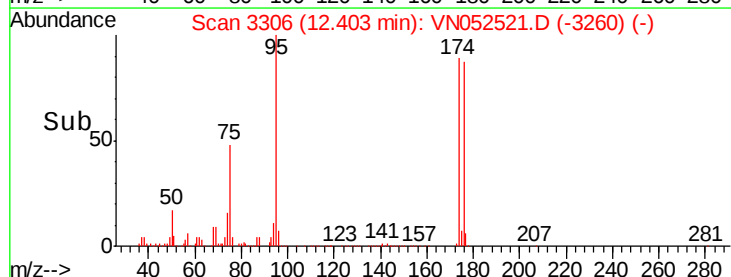
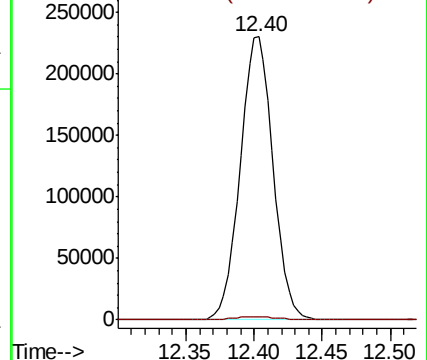
75 100

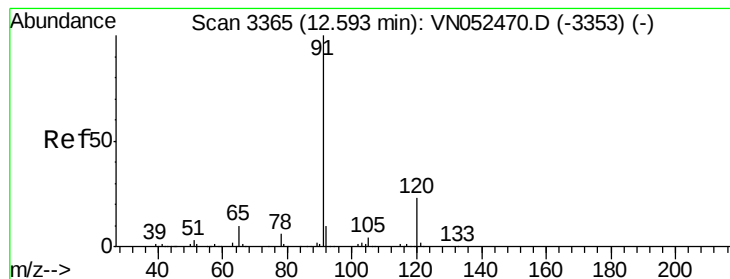
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 5.797 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

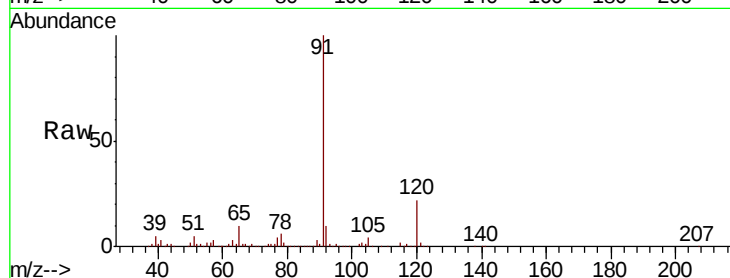
AOC2-01RMEDL

Tot Ion: 91 Resp: 353114

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

200000

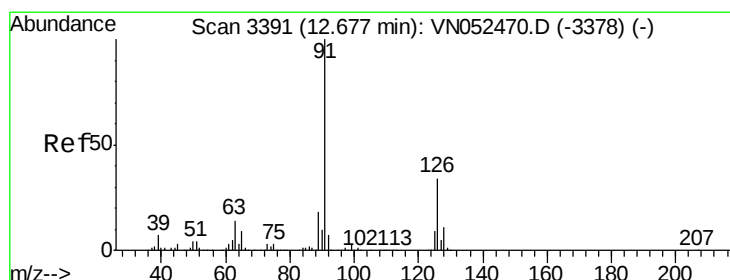
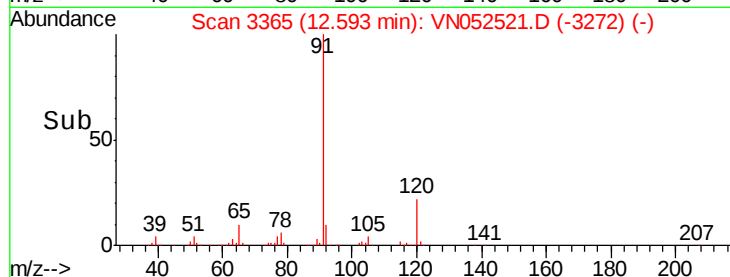
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 3.025 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN052521.D

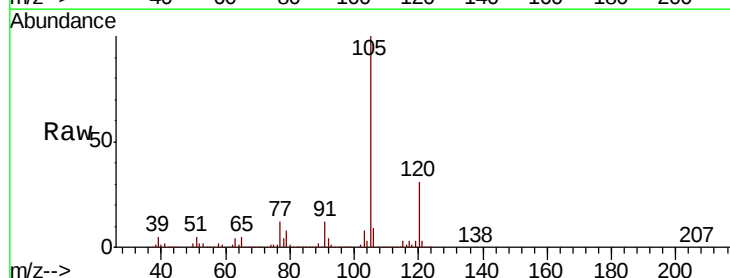
Acq: 28 Nov 2018 15:55

Tgt Ion: 91 Resp: 109720

Ion Ratio Lower Upper

91 100

126 0.1 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

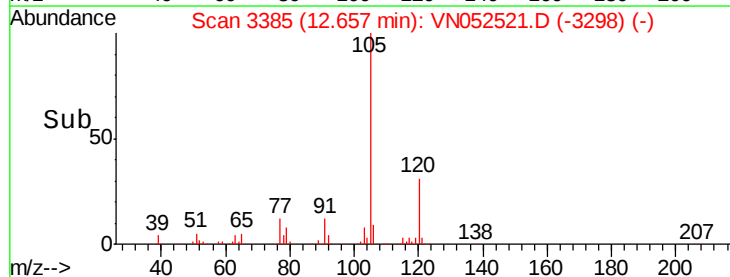
150000

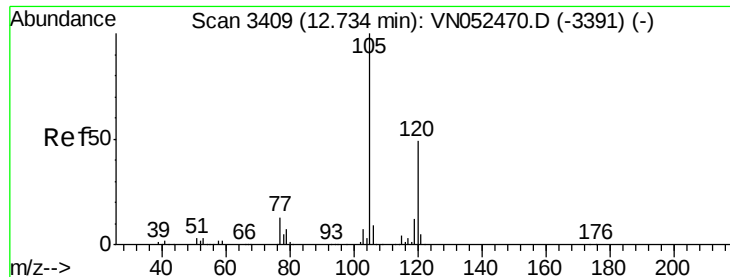
100000

50000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 10.321 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

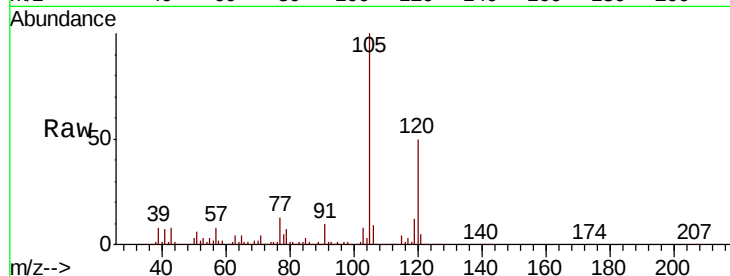
AOC2-01RMEDL

Tot Ion:105 Resp: 441304

Ion Ratio Lower Upper

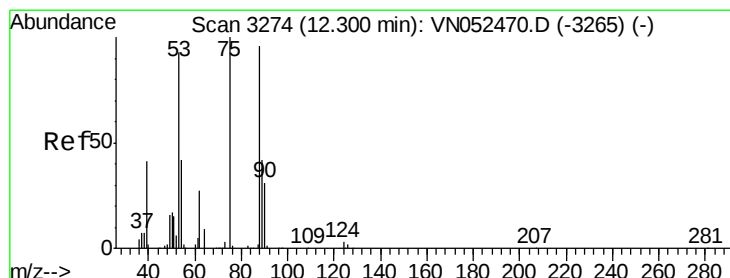
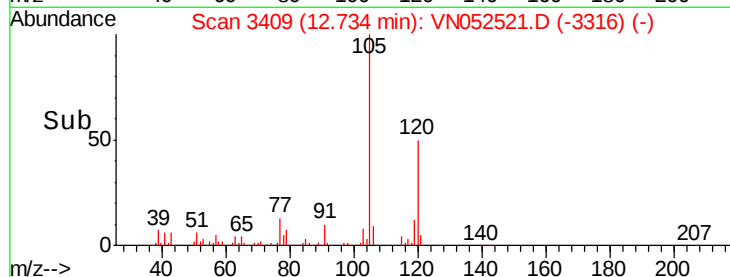
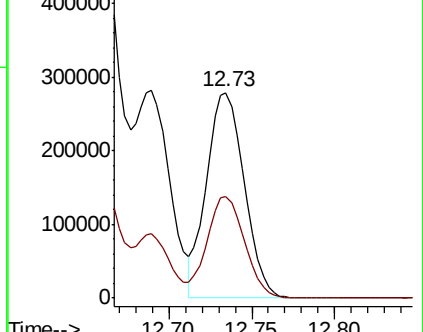
105 100

120 49.8 24.3 73.0



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: 121.458 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

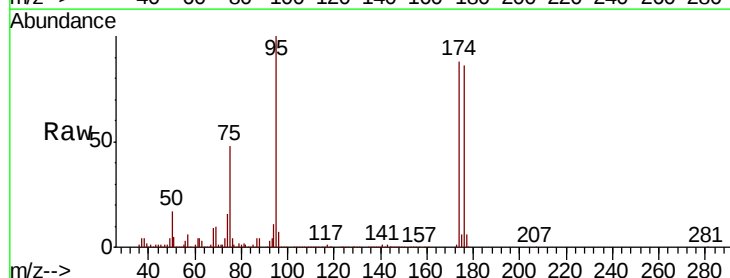
Tgt Ion: 75 Resp: 383262

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

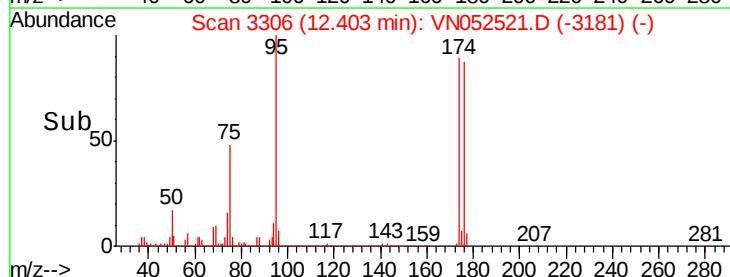
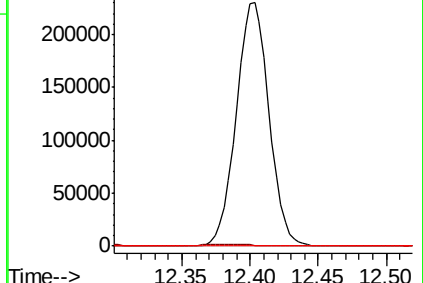
89 0.0 35.4 53.2#

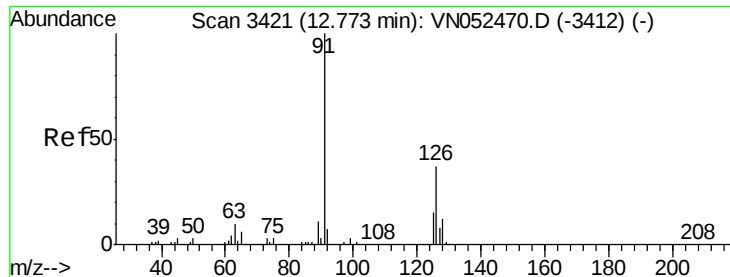


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1.164 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

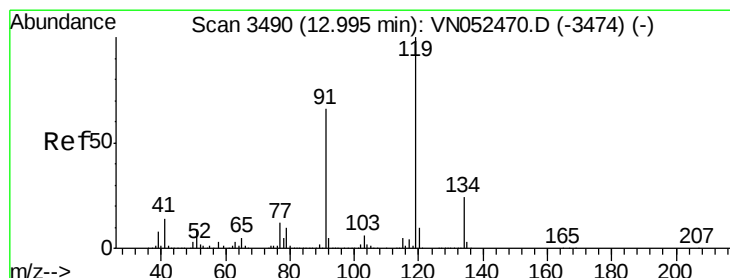
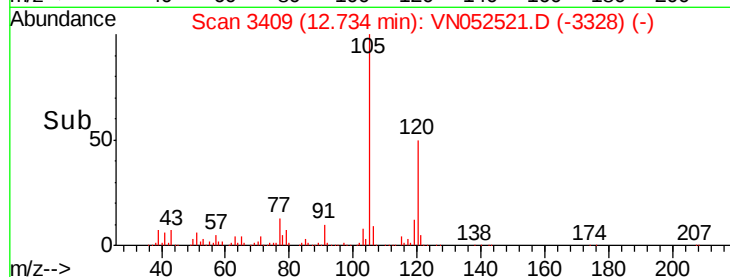
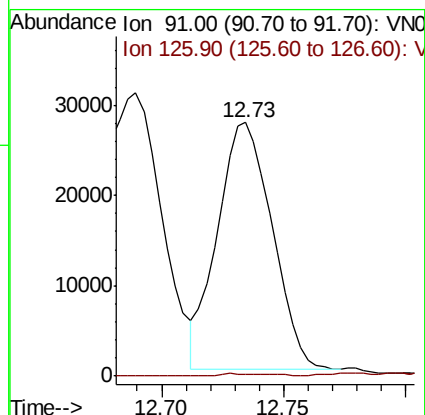
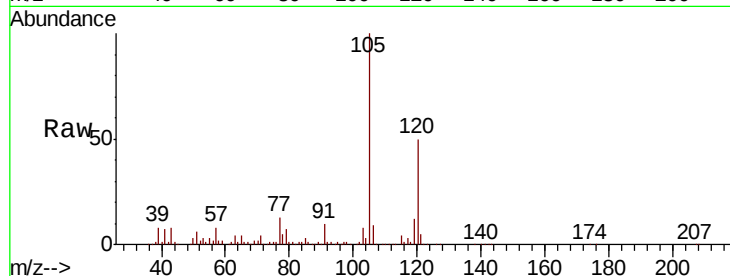
AOC2-01RMEDL

Tot Ion: 91 Resp: 42566

Ion Ratio Lower Upper

91 100

126 0.8 16.9 50.6#



#83

tert-Butylbenzene

Concen: 4.475 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

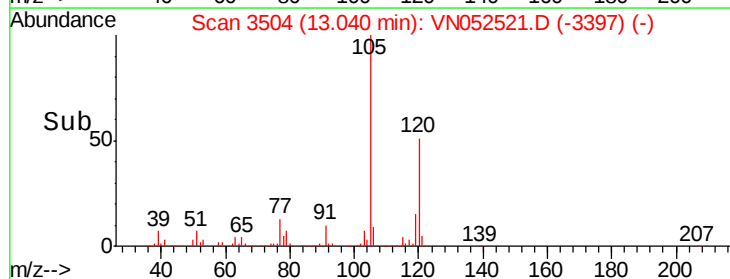
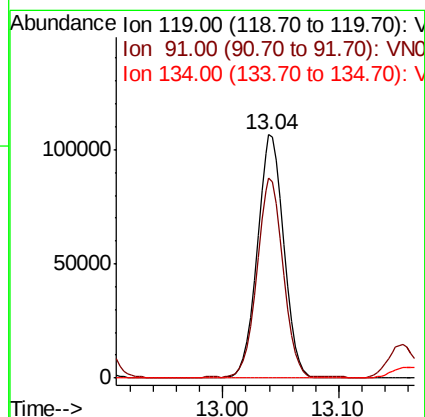
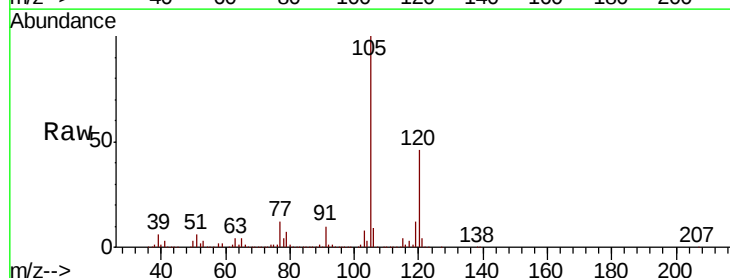
Tgt Ion: 119 Resp: 170579

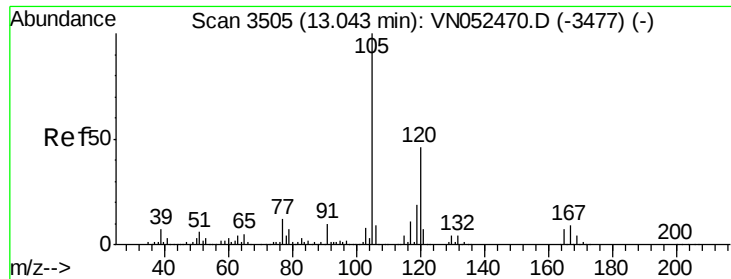
Ion Ratio Lower Upper

119 100

91 80.3 32.3 96.9

134 0.0 13.0 38.9#

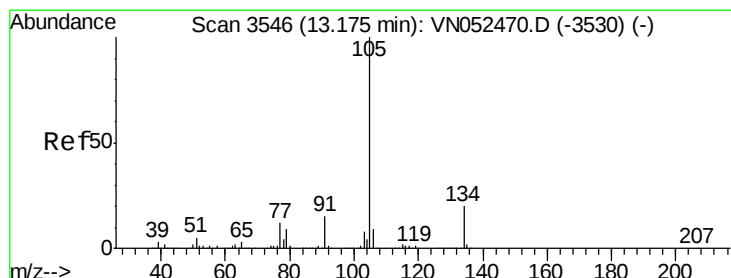
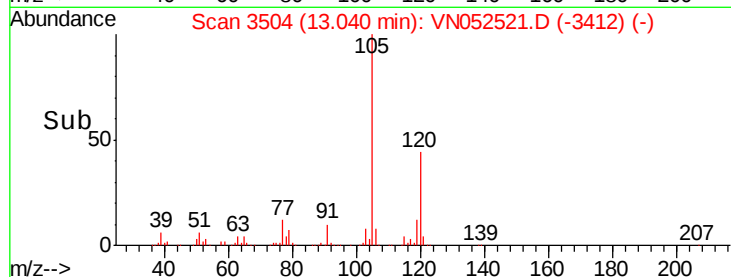
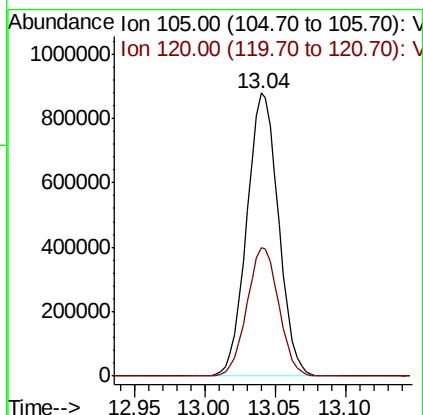
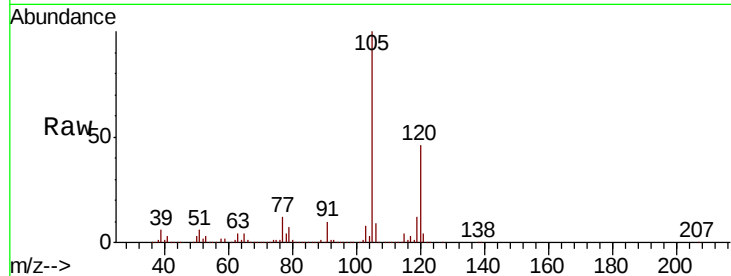




#84
1,2,4-Trimethylbenzene
Concen: 32.344 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

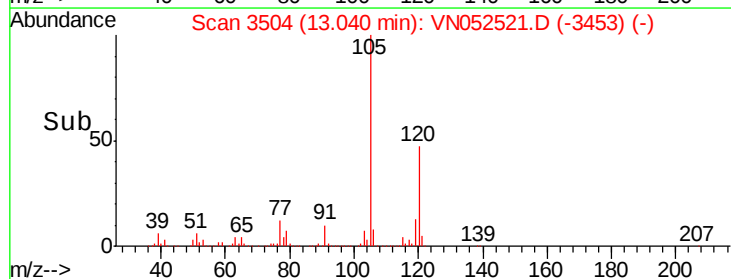
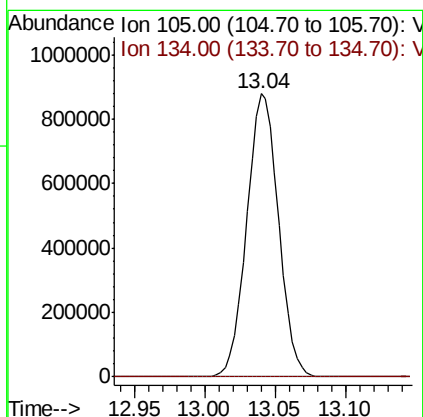
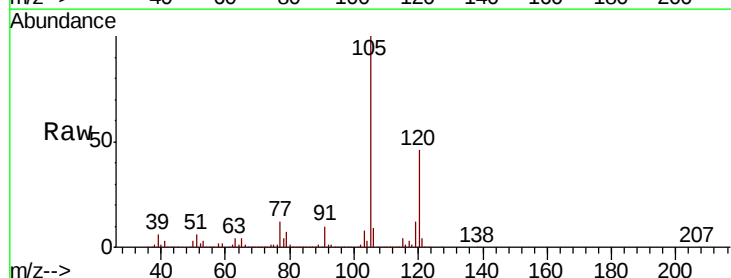
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

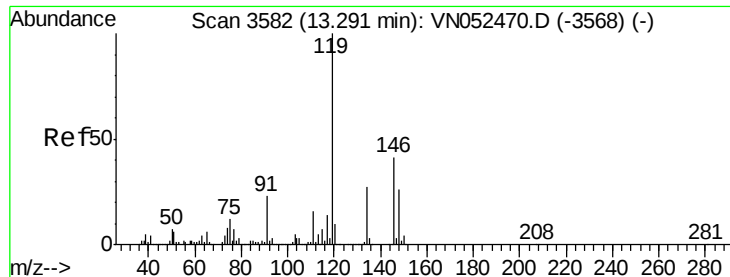
Tot Ion:105 Resp: 1386033
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 26.695 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.13 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion:105 Resp: 1386033
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

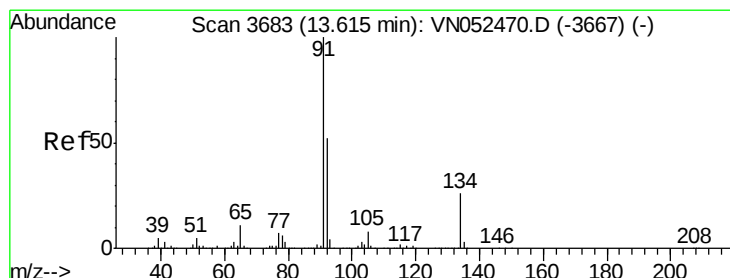
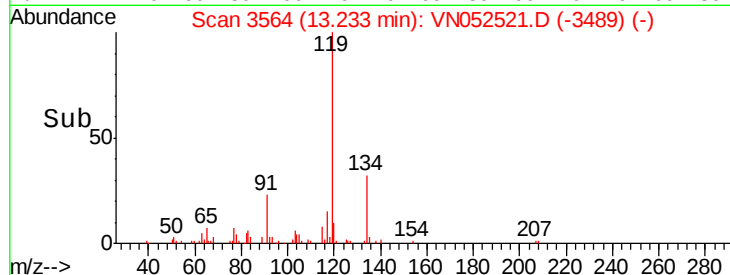
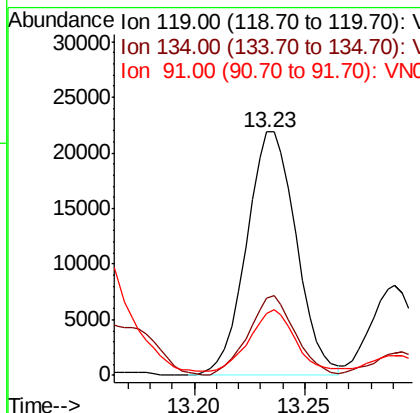
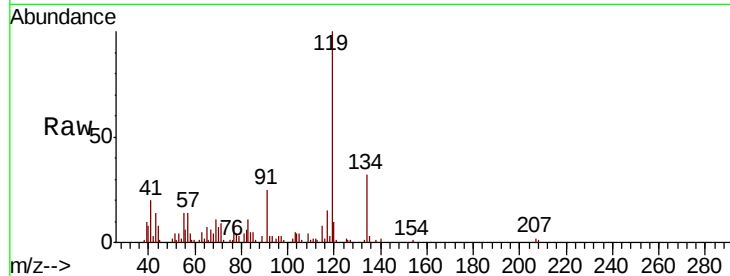




#86
 p-Isopropyltoluene
 Concen: 0.773 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.06 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

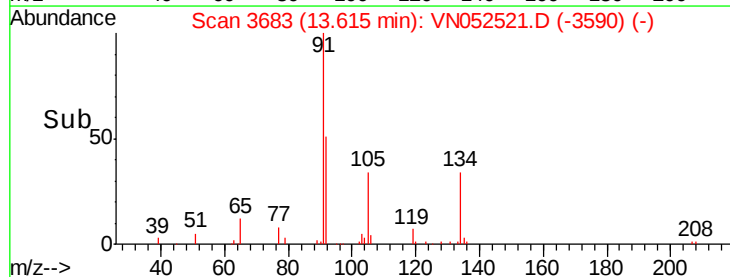
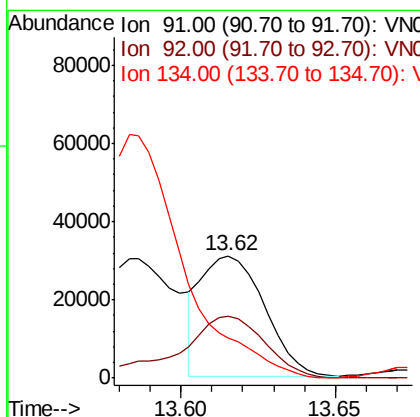
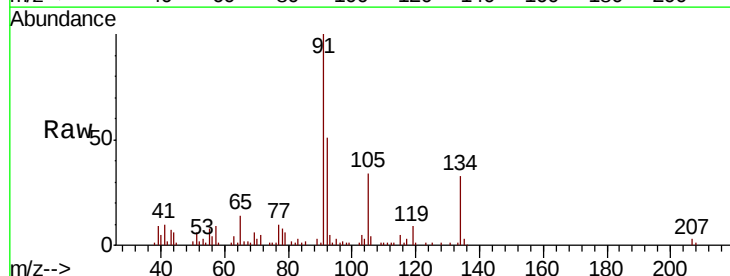
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

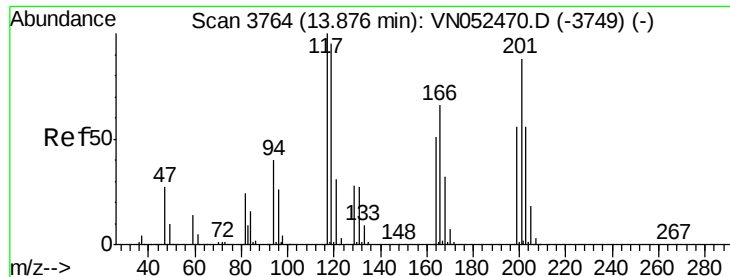
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.8	13.4	40.2
91	22.3	11.4	34.2



#89
 n-Butylbenzene
 Concen: 1.190 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	71.5	26.1	78.3
134	0.0	13.0	38.9#





#90

Hexachloroethane

Concen: 2.460 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

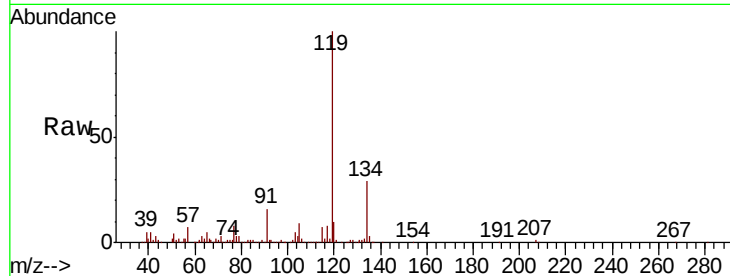
AOC2-01RMEDL

Tot Ion:117 Resp: 18422

Ion Ratio Lower Upper

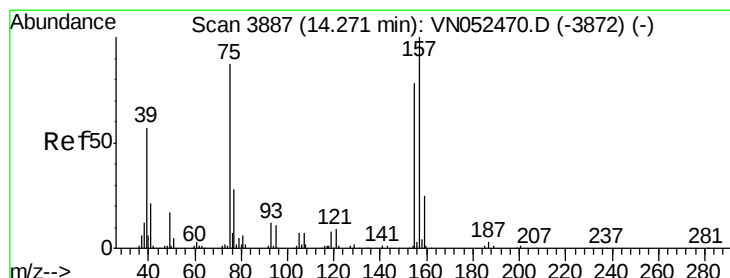
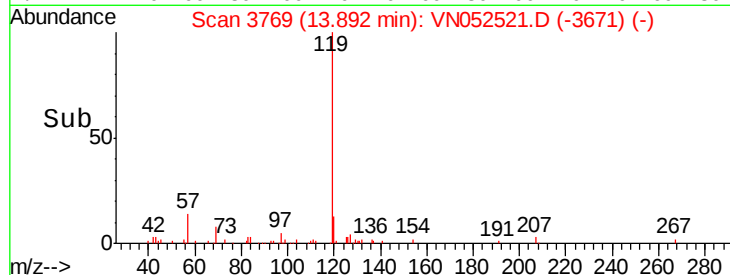
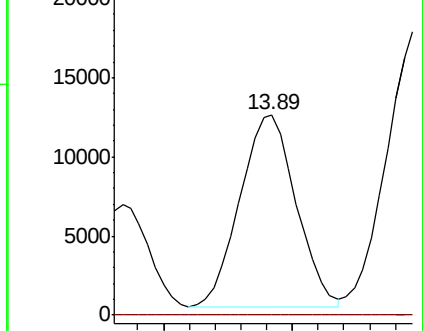
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.694 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

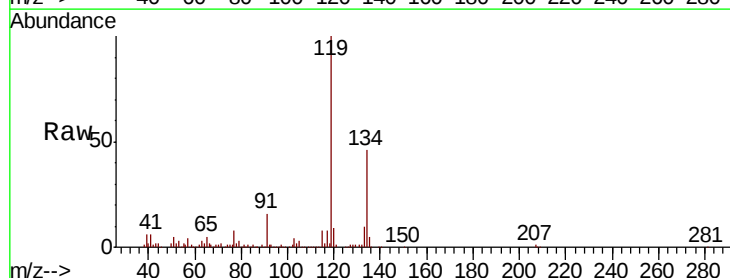
Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

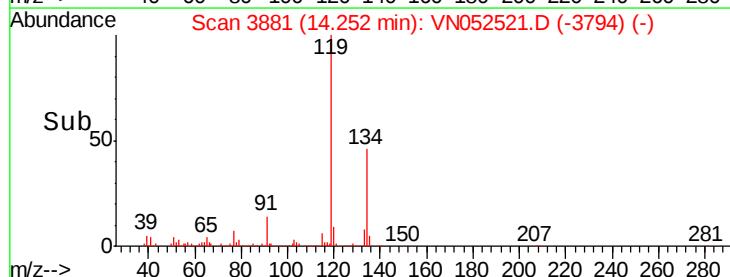
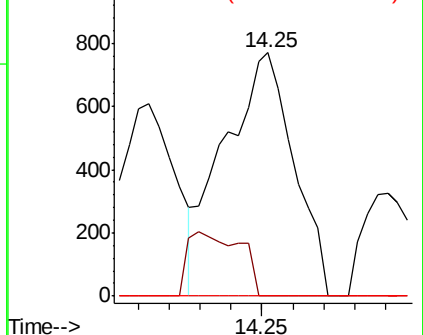
157 0.0 58.1 174.2#

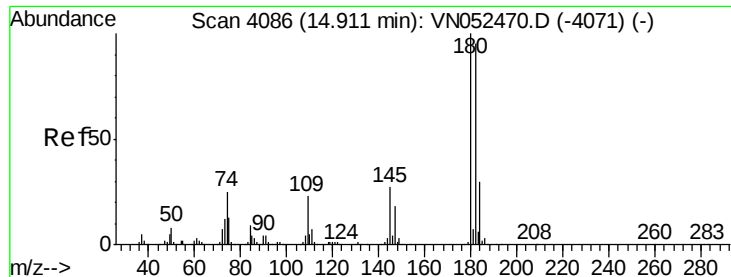


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.016 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

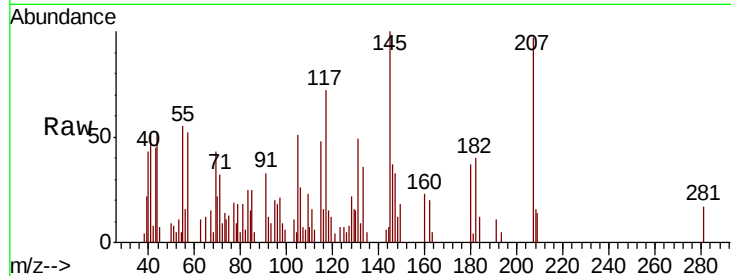
Tot Ion:180 Resp: 2396

Ion Ratio Lower Upper

180 100

182 100.0 47.8 143.4

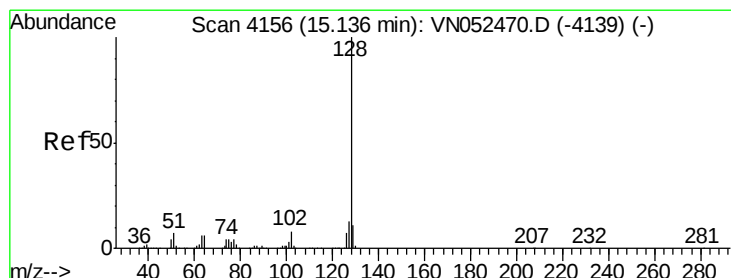
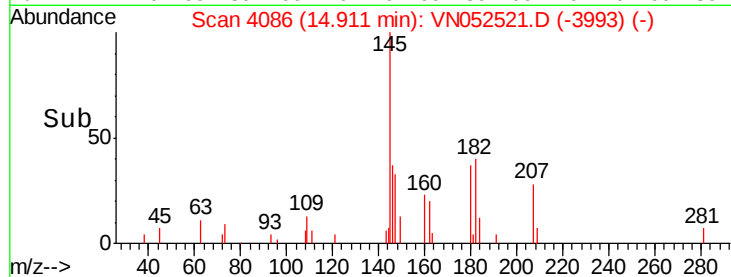
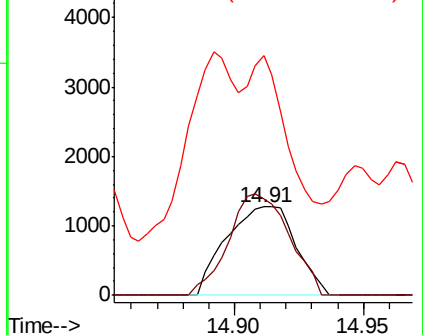
145 148.6 14.1 42.3#



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: 6.266 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

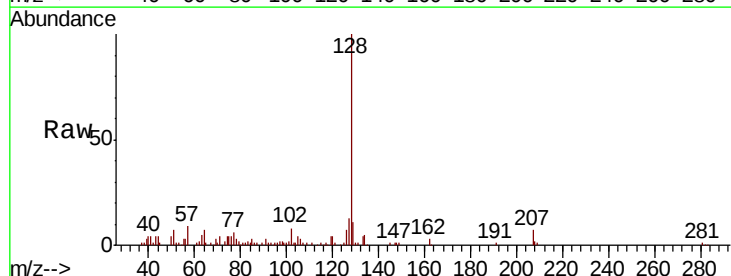
Tgt Ion:128 Resp: 78379

Ion Ratio Lower Upper

128 100

127 15.4 10.2 15.2#

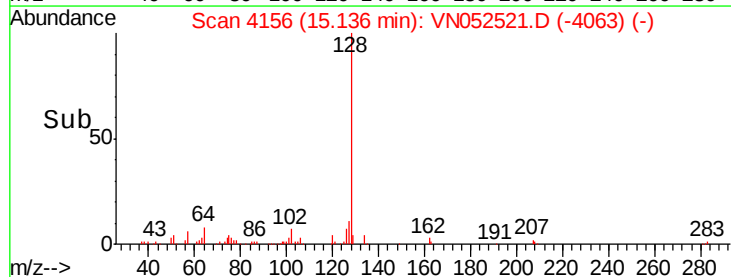
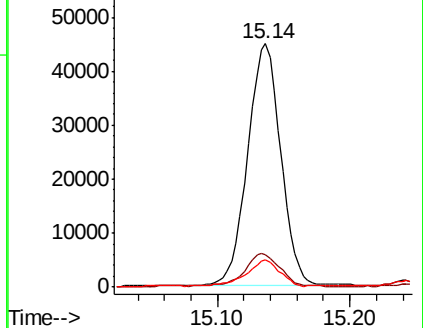
129 11.4 8.7 13.1

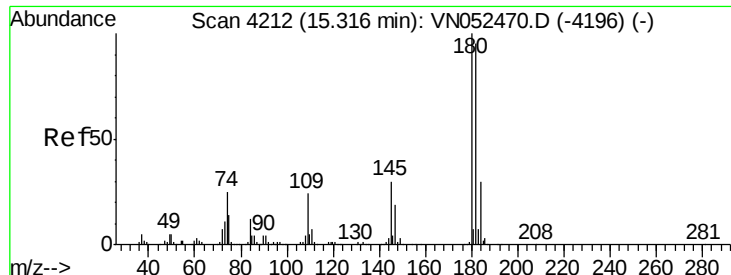


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

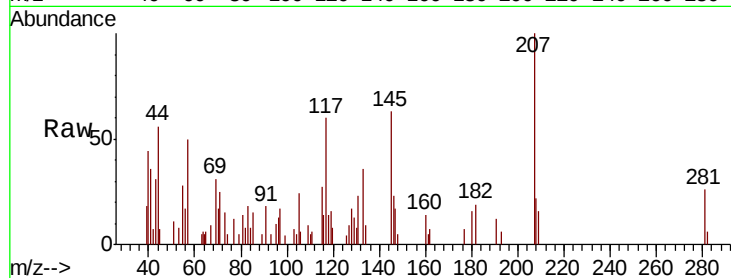




#96
 1,2,3-Trichlorobenzene
 Concen: 2.784 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	175.3	47.8	143.3#
145	566.0	15.2	45.5#



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

