

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
 Data File : VX006875.D
 Acq On : 02 Jan 2019 12:18
 Operator : JC/MD
 Sample : J6590-01MEDL 10X
 Misc : 6.60g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-06AMEDL

Quant Time: Jan 03 00:09:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	681163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1016014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	917516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	339931	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	5.50	113	302367	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	8.71	98	1191362	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	427026	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	3275	Below Cal		89
6) Chloroethane	1.68	64	3017	0.621	ug/l #	67
13) Acrolein	2.30	56	475	0.430	ug/l #	13
14) Allyl chloride	2.76	41	4197	0.410	ug/l #	30
15) Acrylonitrile	3.15	53	5299	1.457	ug/l #	57
16) Acetone	2.46	43	1222	0.362	ug/l #	71
18) Methyl Acetate	2.84	43	82008	8.269	ug/l #	52
20) Methylene Chloride	2.85	84	2050	0.294	ug/l #	53
28) Bromochloromethane	5.01	49	338	Below Cal	#	31
29) Tetrahydrofuran	5.17	42	1670	0.534	ug/l #	54
31) Cyclohexane	5.60	56	35621	3.505	ug/l #	55
36) 1,1-Dichloropropene	5.65	75	43604	5.182	ug/l #	49
38) Carbon Tetrachloride	5.66	117	60164	7.357	ug/l #	14
39) Methylcyclohexane	7.46	83	55414	5.002	ug/l	93
41) Methacrylonitrile	5.05	41	1062	0.228	ug/l #	46
43) Isopropyl Acetate	6.34	43	191797	14.392	ug/l #	59
47) Bromodichloromethane	7.94	83	4266	0.561	ug/l #	24
48) Methyl methacrylate	7.73	41	6358	0.938	ug/l #	24
49) 1,4-Dioxane	7.77	88	429	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.68	43	39416	4.649	ug/l #	72
55) 1,1,2-Trichloroethane	9.16	97	17878	2.643	ug/l #	19
56) Ethyl methacrylate	9.16	69	5482	0.573	ug/l #	30
59) 2-Hexanone	9.45	43	9973	1.537	ug/l #	26
60) Dibromochloromethane	9.82	129	37	2.329	ug/l	78
67) Ethyl Benzene	10.25	91	7640	0.241	ug/l	96
68) m/p-Xylenes	10.36	106	4677	0.374	ug/l	99
71) Bromoform	11.00	173	115	4.479	ug/l #	28
73) Isopropylbenzene	11.02	105	18466	0.569	ug/l	95
74) N-amyl acetate	10.91	43	4808	0.414	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	202454	22.962	ug/l #	40
78) n-propylbenzene	11.36	91	108220	3.028	ug/l	99
79) 2-Chlorotoluene	11.43	91	23253	1.074	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	89082	3.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	202454	68.196	ug/l #	10

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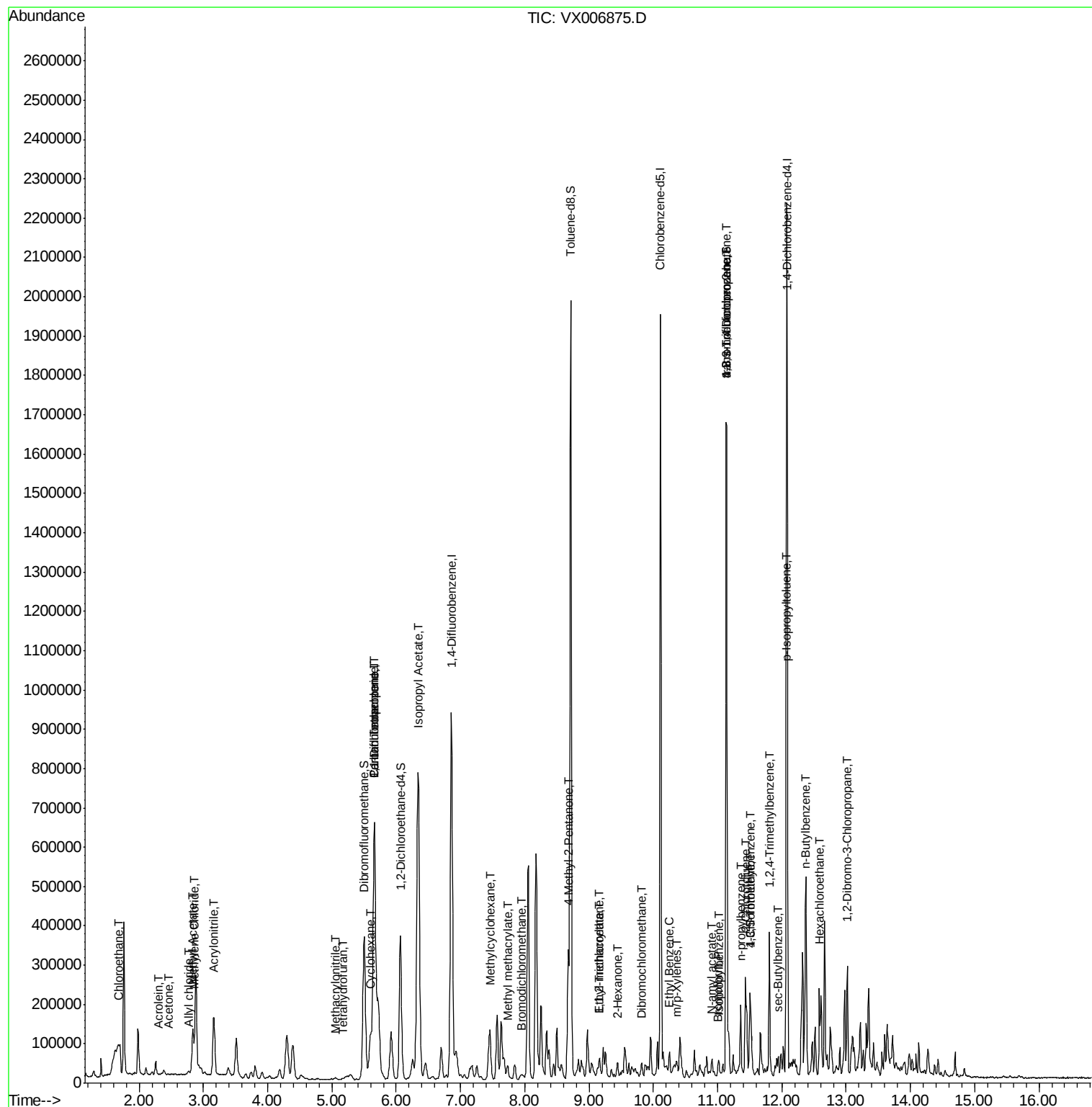
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	10505	0.423	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	145943	5.190	ug/l	98
85) sec-Butylbenzene	11.94	105	21048	0.642	ug/l	97
86) p-Isopropyltoluene	12.06	119	11789	0.409	ug/l	91
89) n-Butylbenzene	12.38	91	80408	3.276	ug/l #	29
90) Hexachloroethane	12.58	117	9429	5.245	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	815	0.408	ug/l #	4

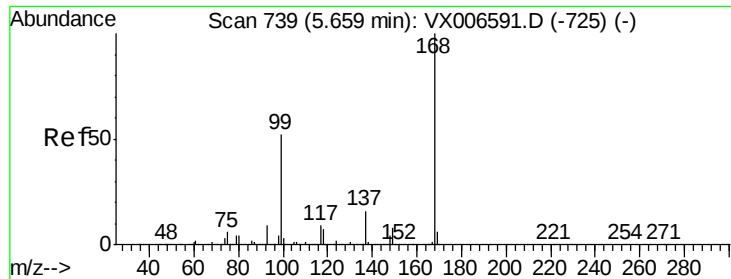
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

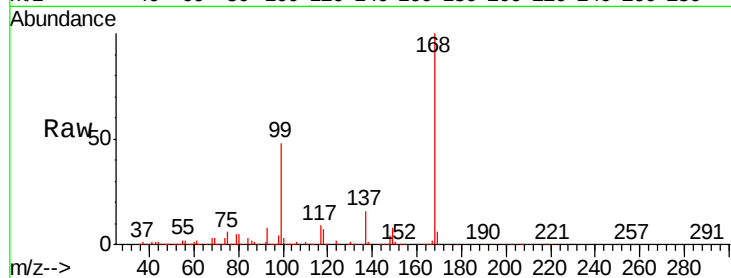
AOC2-06AMEDL

Tgt Ion:168 Resp: 681163

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006591.D (-725) (-)

5.66

250000

200000

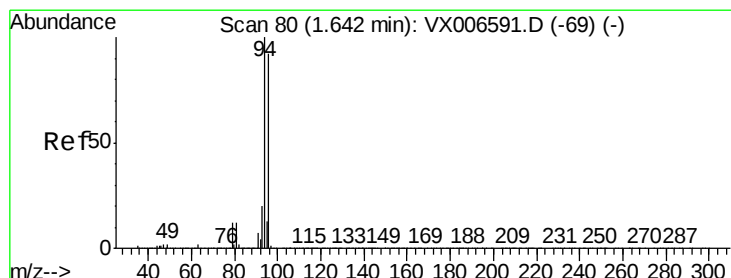
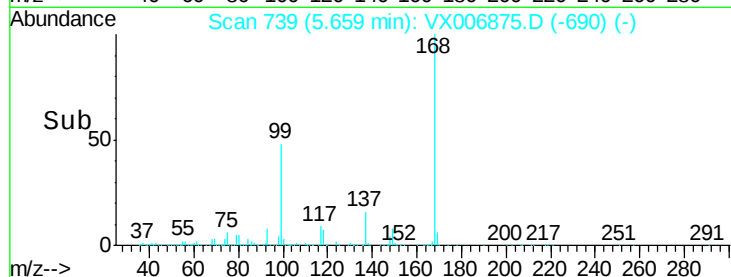
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006875.D

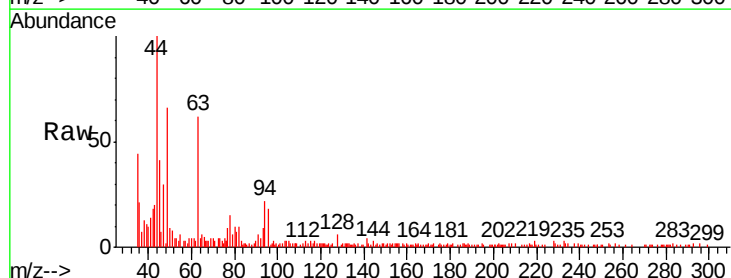
Acq: 02 Jan 2019 12:18

Tgt Ion: 94 Resp: 3275

Ion Ratio Lower Upper

94 100

96 80.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX006591.D (-69) (-)

Ion 95.90 (95.60 to 96.60): VX006591.D (-69) (-)

1.64

2000

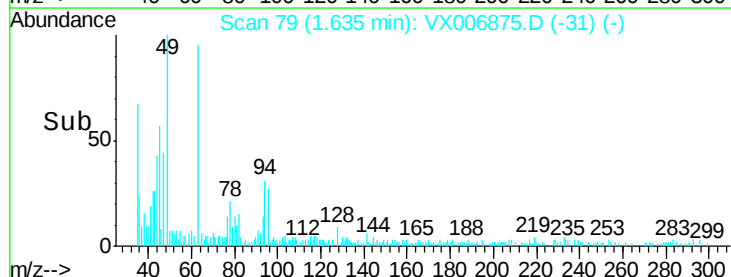
1500

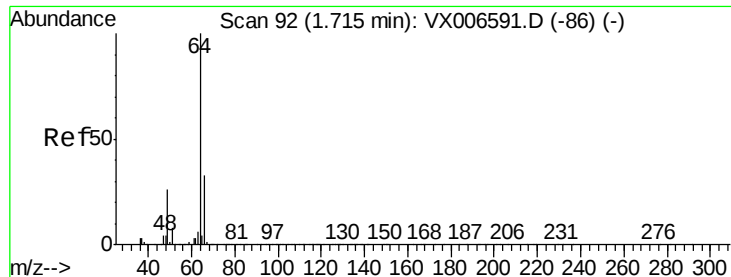
1000

500

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.621 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

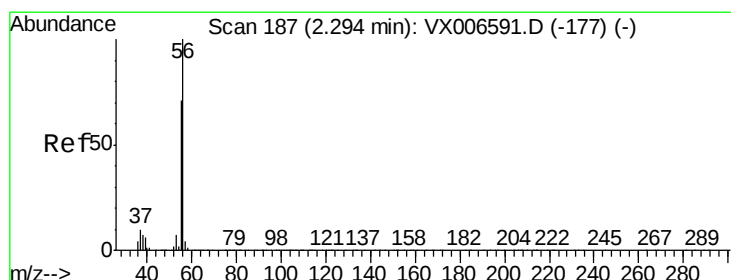
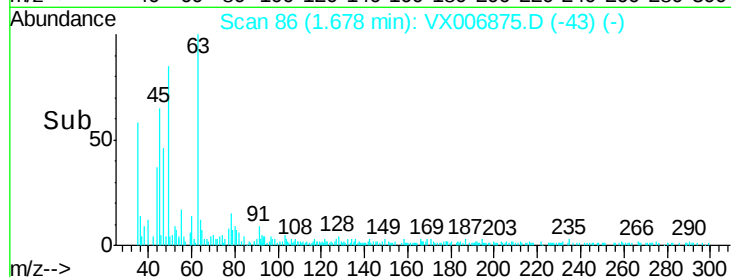
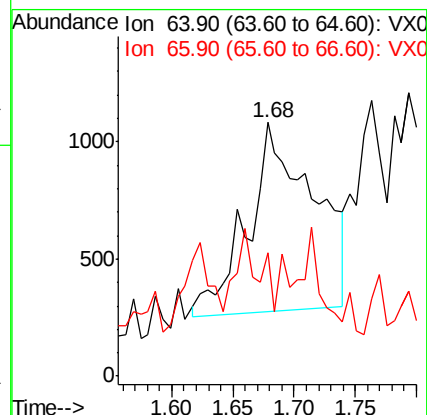
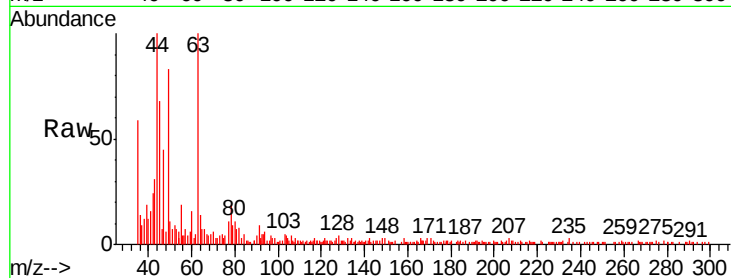
AOC2-06AMEDL

Tgt Ion: 64 Resp: 3017

Ion Ratio Lower Upper

64 100

66 51.8 26.4 39.6#



#13

Acrolein

Concen: 0.430 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006875.D

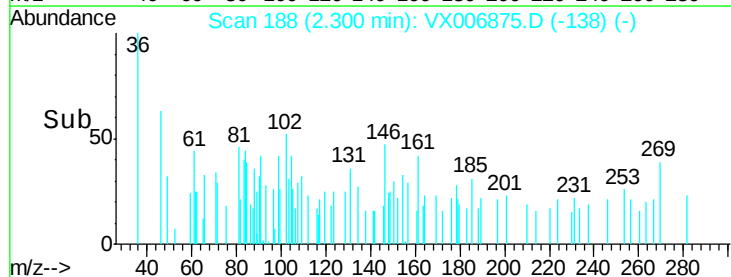
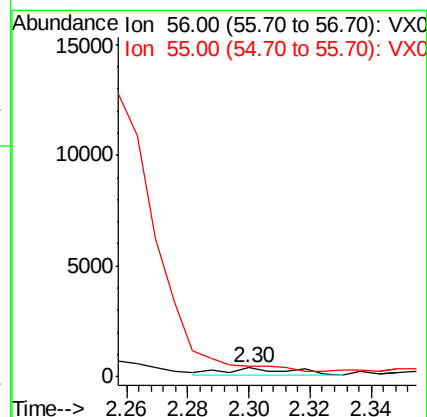
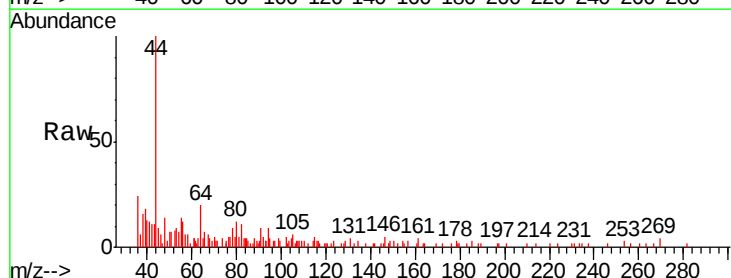
Acq: 02 Jan 2019 12:18

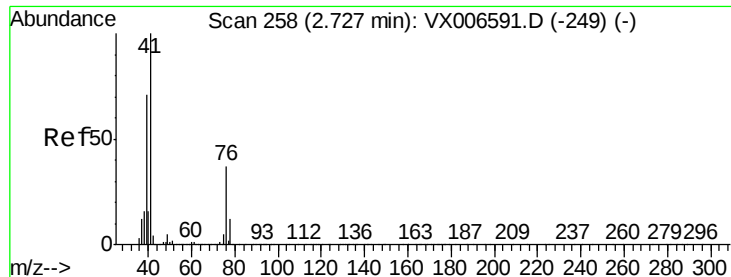
Tgt Ion: 56 Resp: 475

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#





#14

Allyl chloride

Concen: 0.410 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.04 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

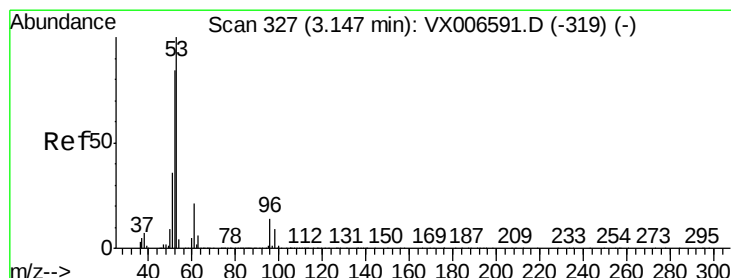
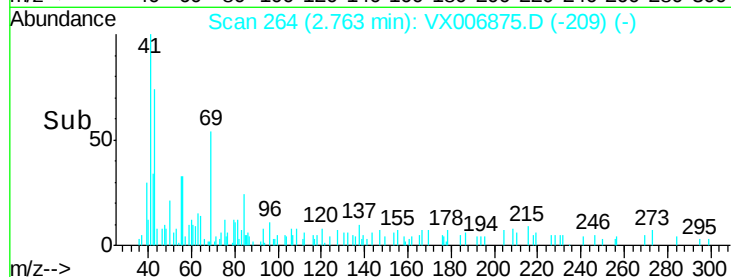
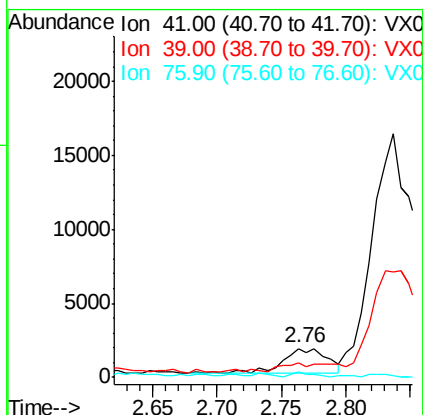
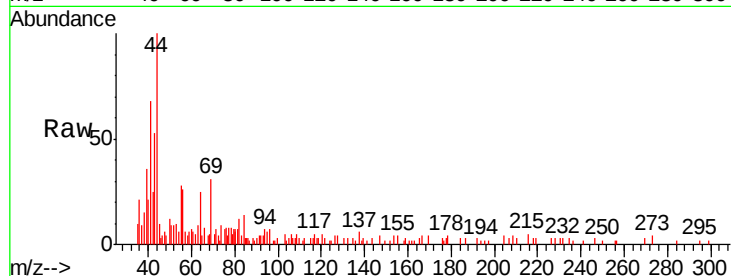
Tgt Ion: 41 Resp: 4197

Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

76 9.1 27.4 41.2#



#15

Acrylonitrile

Concen: 1.457 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

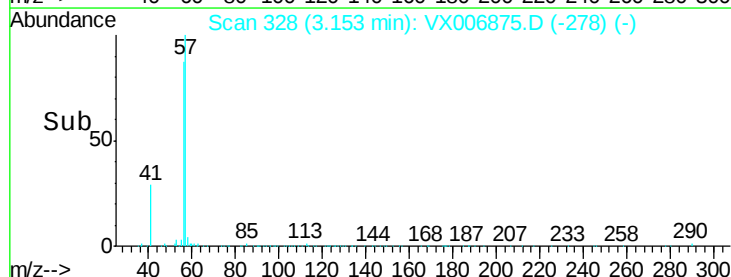
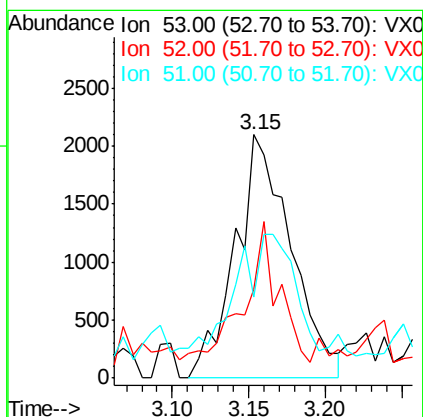
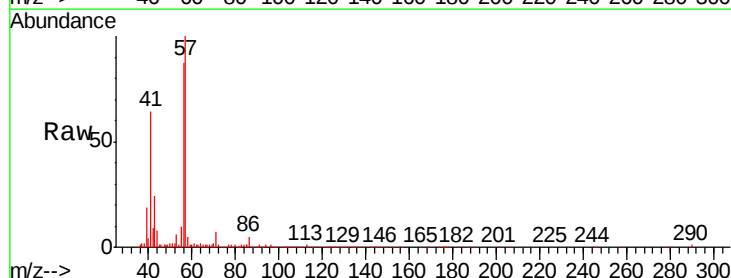
Tgt Ion: 53 Resp: 5299

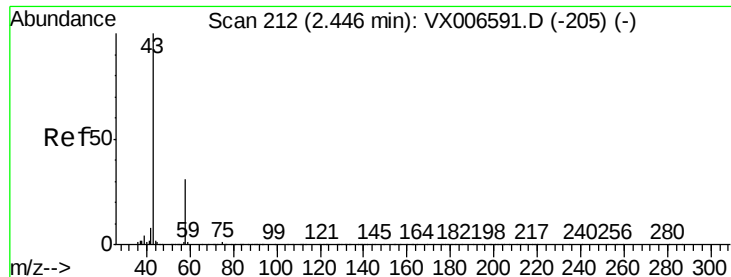
Ion Ratio Lower Upper

53 100

52 34.6 66.0 99.0#

51 47.4 28.6 42.8#

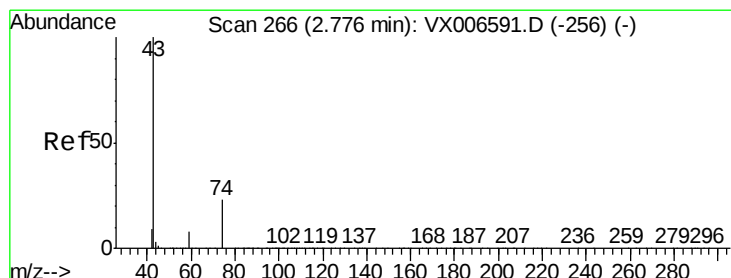
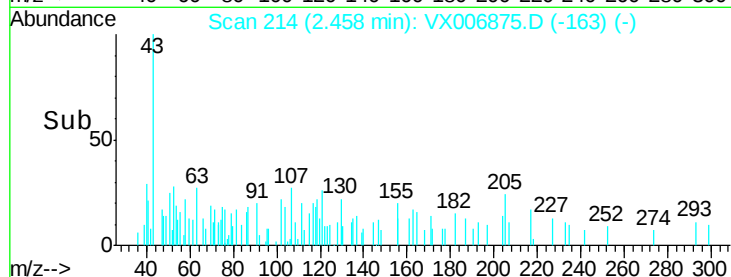
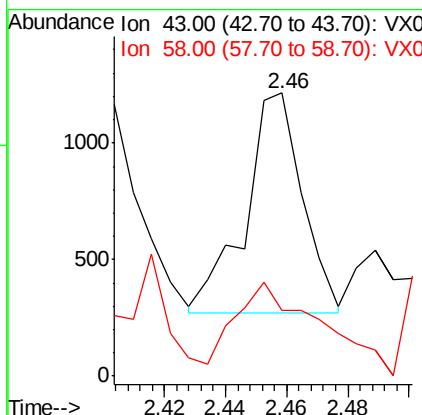
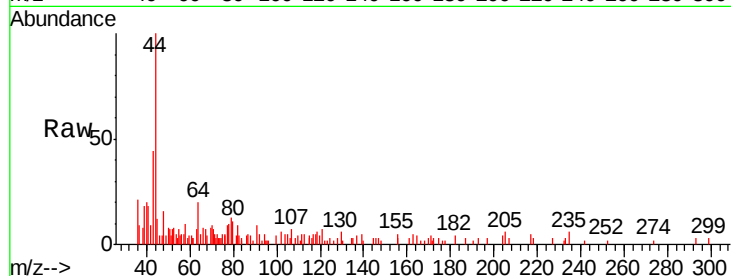




#16
Acetone
Concen: 0.362 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

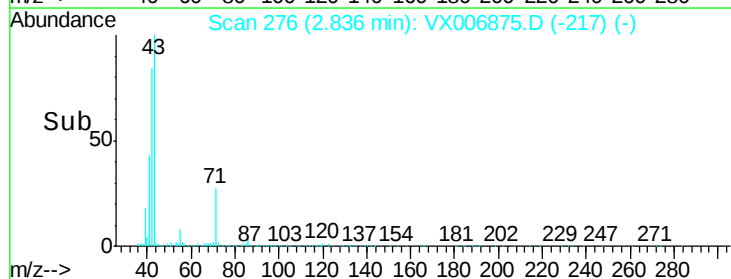
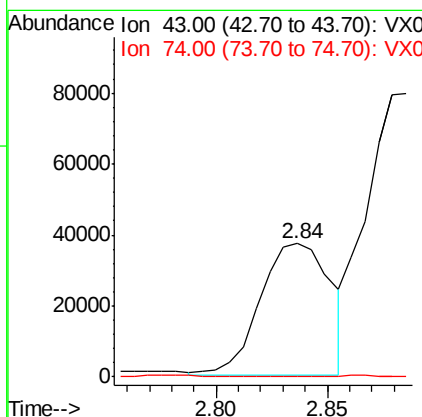
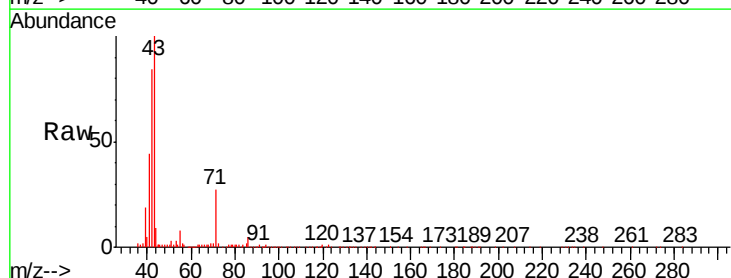
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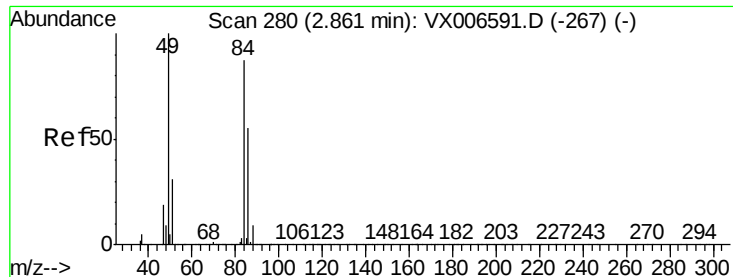
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 15.4 25.0 37.6#



#18
Methyl Acetate
Concen: 8.269 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.06 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

Tgt Ion: 43 Resp: 82008
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#

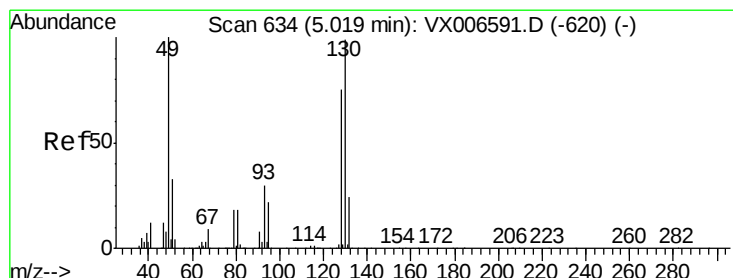
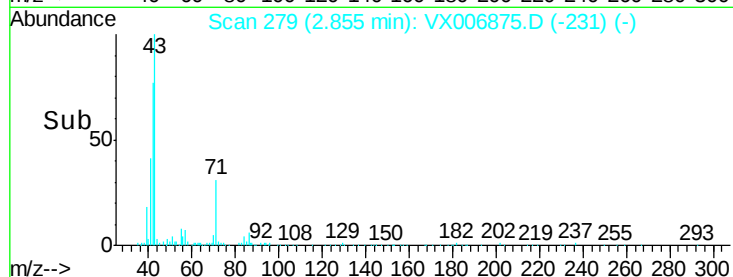
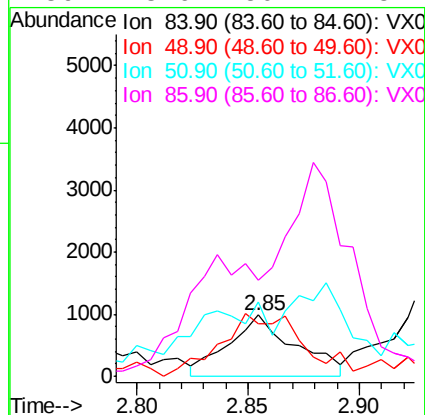
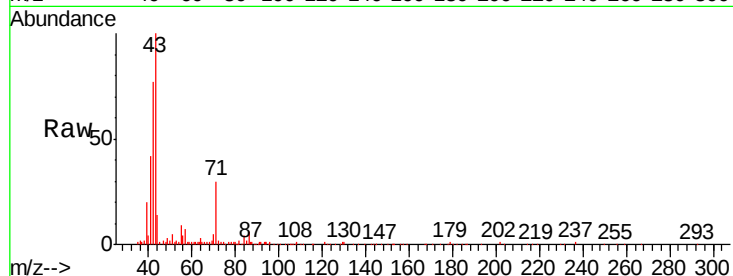




#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

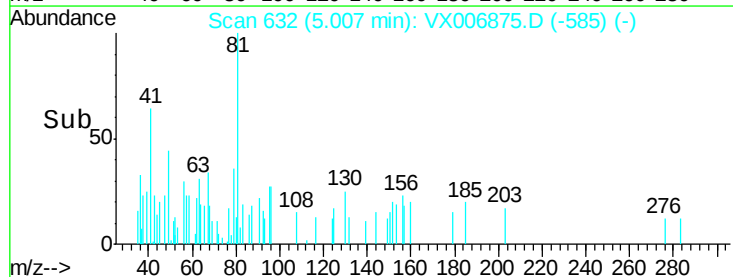
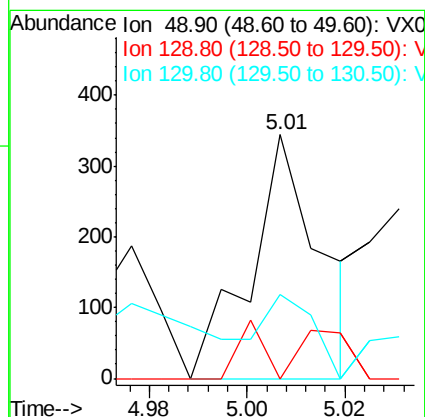
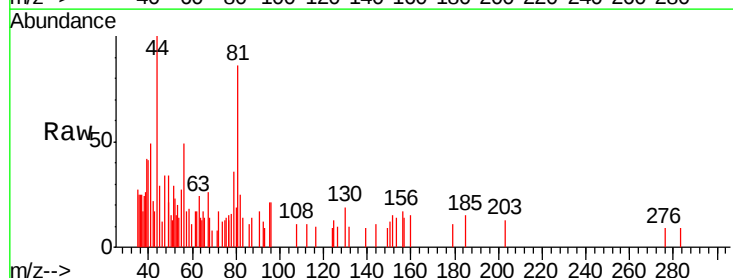
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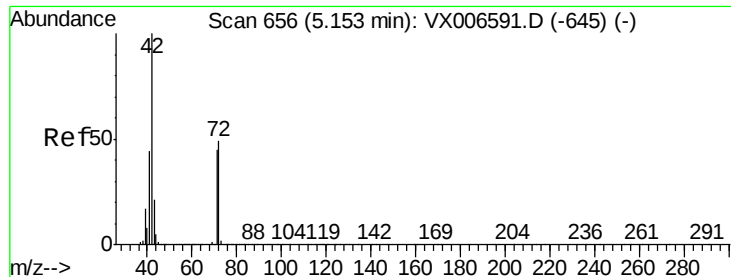
Tgt Ion:	84	Resp:	2050
Ion	Ratio	Lower	Upper
84	100		
49	69.2	91.8	137.6#
51	70.4	28.5	42.7#
86	23.6	50.2	75.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

Tgt Ion:	49	Resp:	338
Ion	Ratio	Lower	Upper
49	100		
129	14.2	0.0	5.4#
130	28.7	77.7	116.5#





#29

Tetrahydrofuran

Concen: 0.534 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

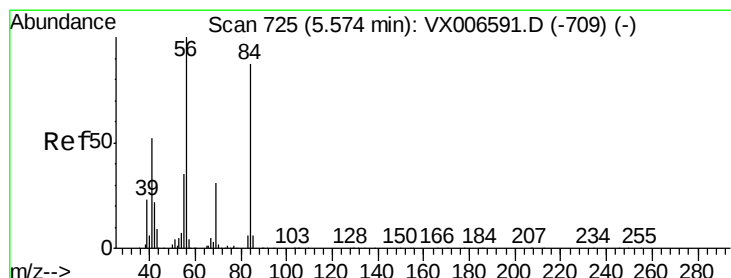
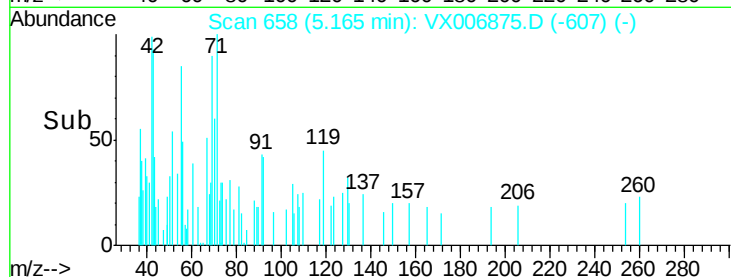
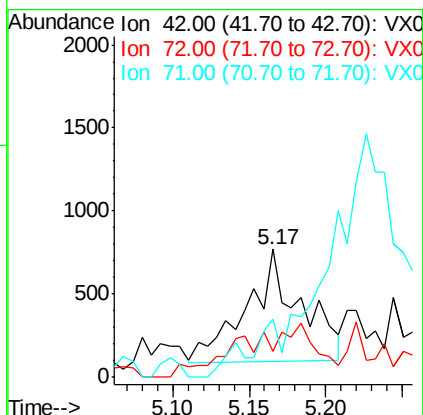
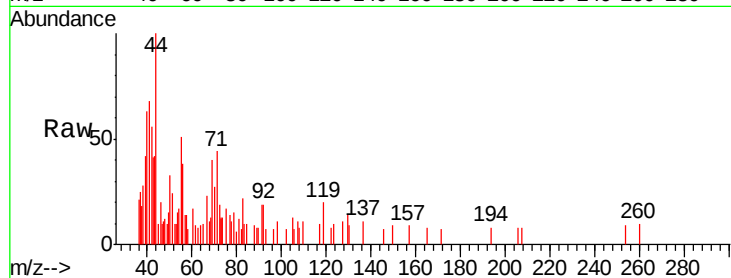
Tgt Ion: 42 Resp: 1670

Ion Ratio Lower Upper

42 100

72 19.9 38.9 58.3#

71 13.0 36.2 54.4#



#31

Cyclohexane

Concen: 3.505 ug/l

RT: 5.60 min Scan# 729

Delta R.T. 0.02 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

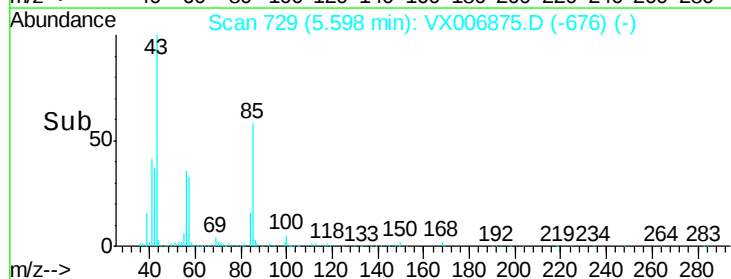
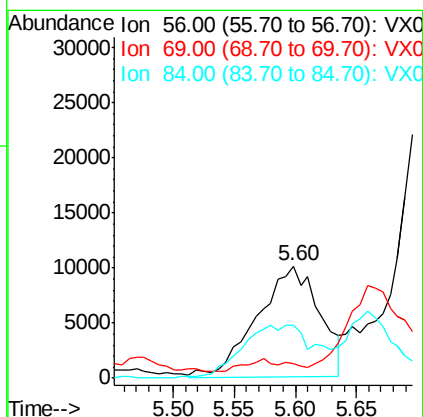
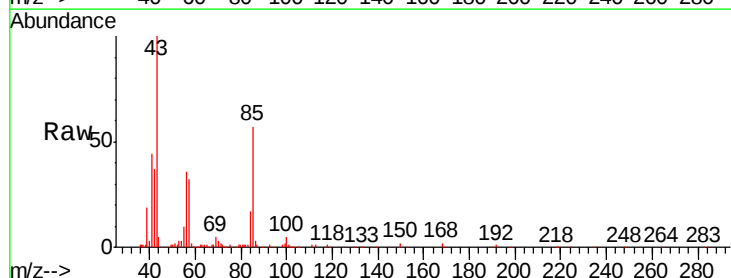
Tgt Ion: 56 Resp: 35621

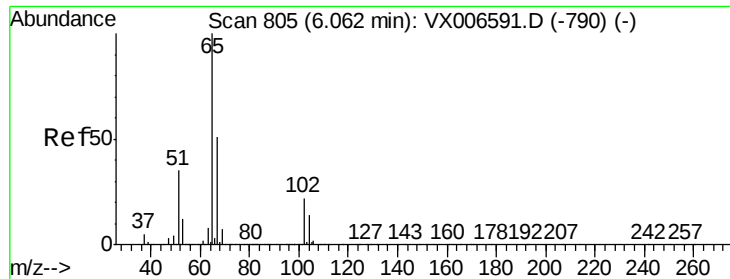
Ion Ratio Lower Upper

56 100

69 4.5 24.4 36.6#

84 46.1 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 46.304 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

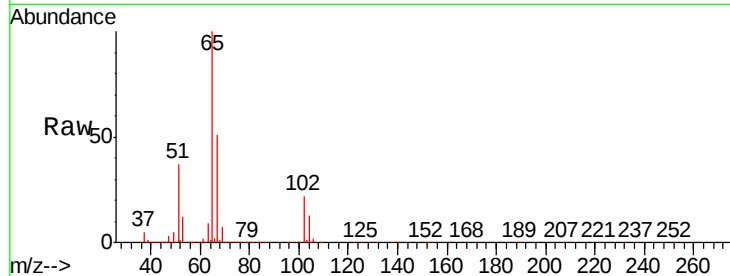
AOC2-06AMEDL

Tgt Ion: 65 Resp: 339931

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

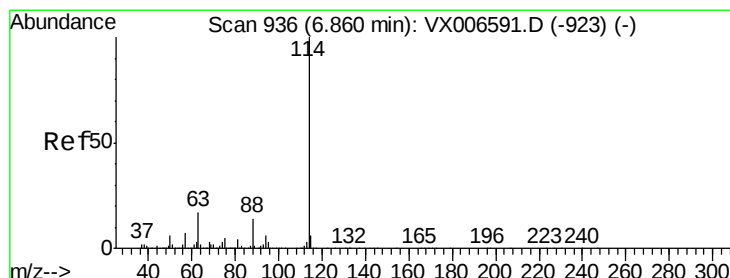
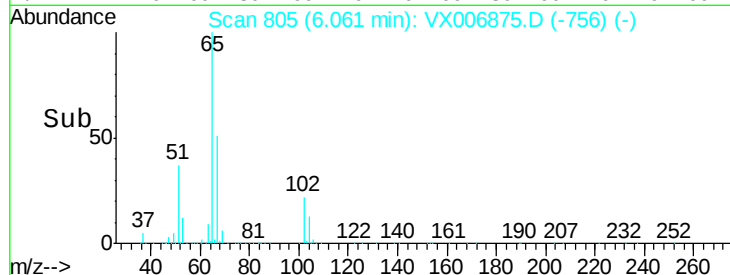
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

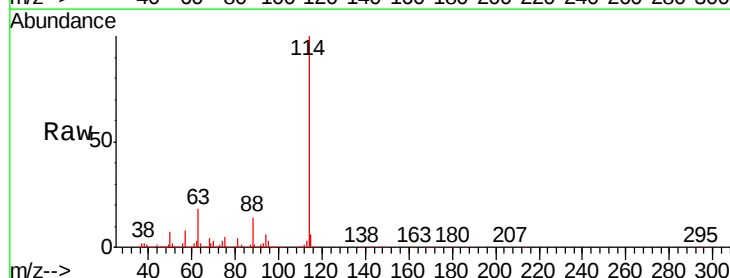
Tgt Ion: 114 Resp: 1016014

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 13.9 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

600000

500000

400000

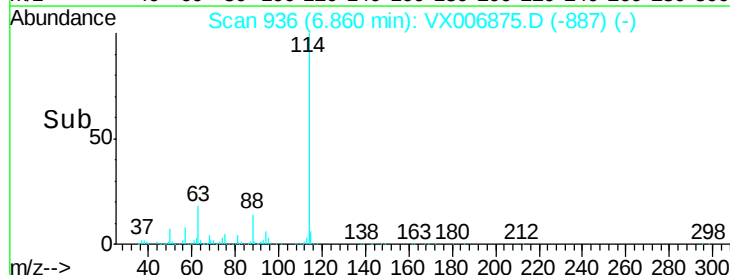
300000

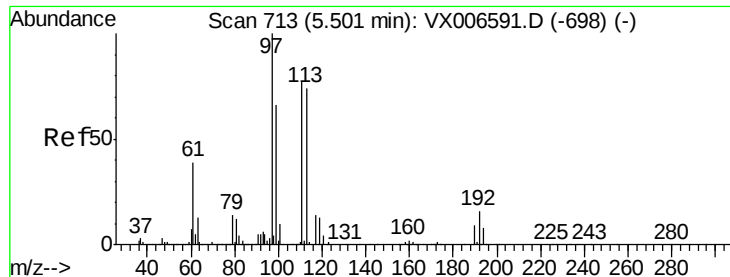
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.060 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

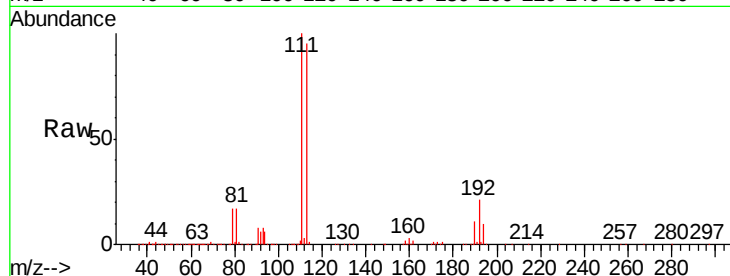
Tgt Ion:113 Resp: 302367

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

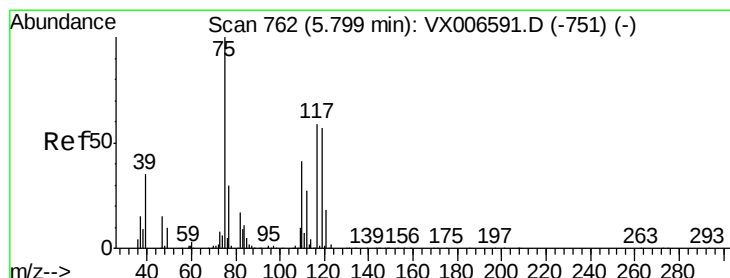
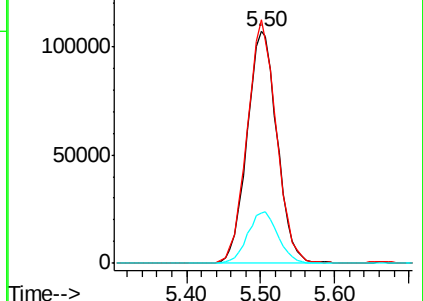
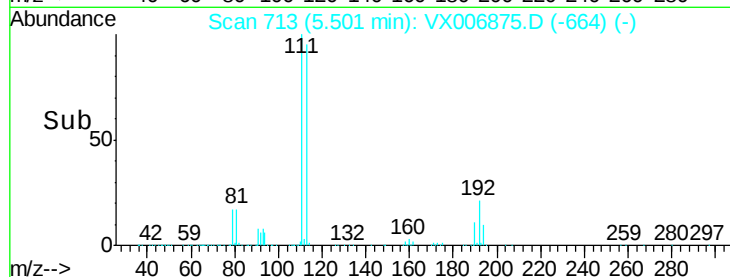
192 22.6 16.7 25.1



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: 5.182 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

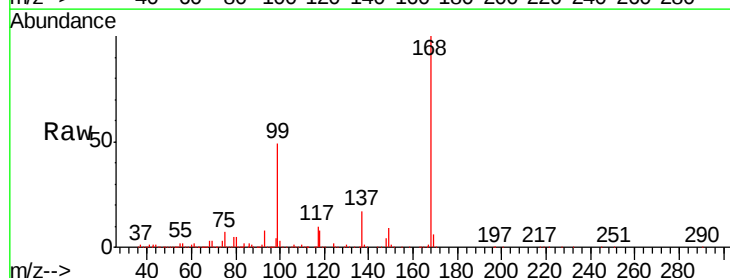
Tgt Ion: 75 Resp: 43604

Ion Ratio Lower Upper

75 100

110 10.8 20.2 60.5#

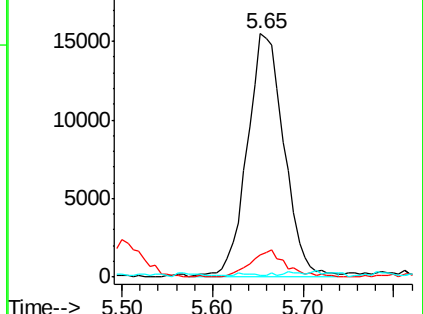
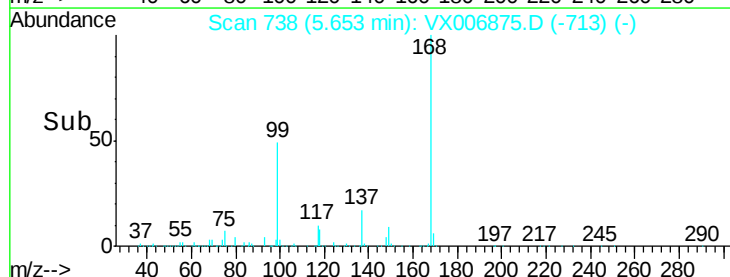
77 0.0 24.8 37.2#

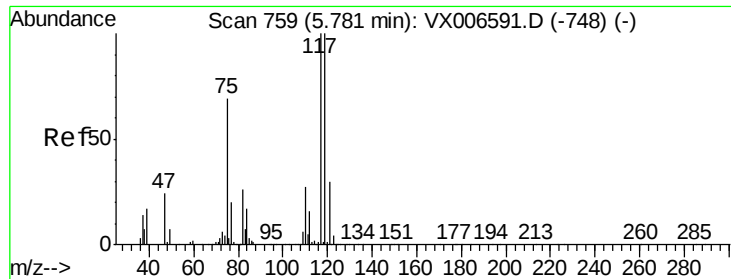


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.357 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

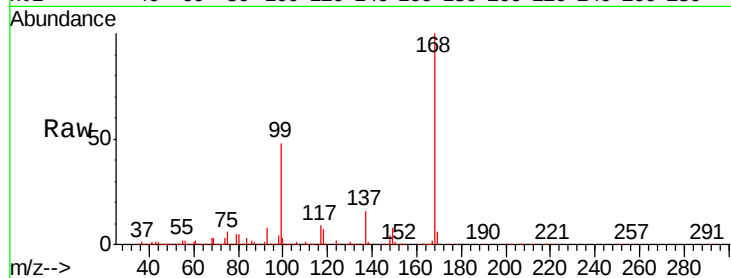
Tgt Ion:117 Resp: 60164

Ion Ratio Lower Upper

117 100

119 4.0 79.4 119.2#

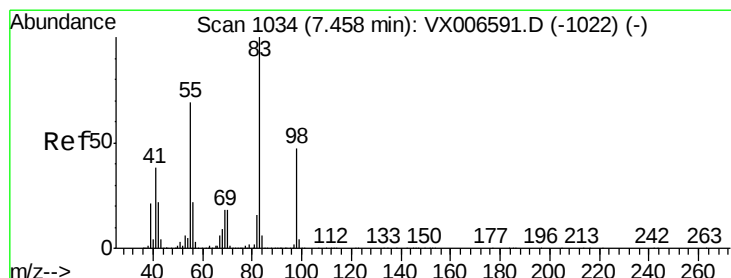
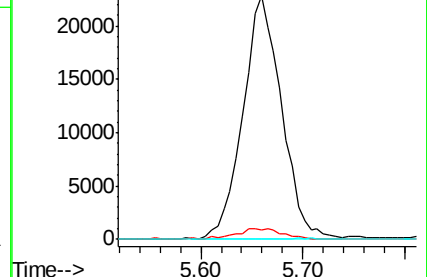
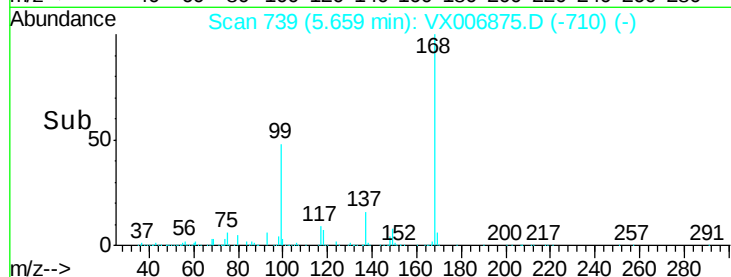
121 0.0 24.0 36.0#



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: 5.002 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

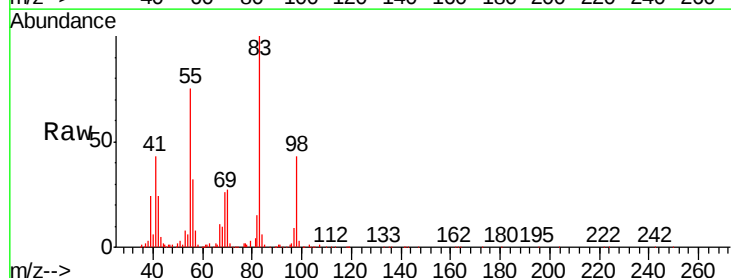
Tgt Ion: 83 Resp: 55414

Ion Ratio Lower Upper

83 100

55 74.1 54.9 82.3

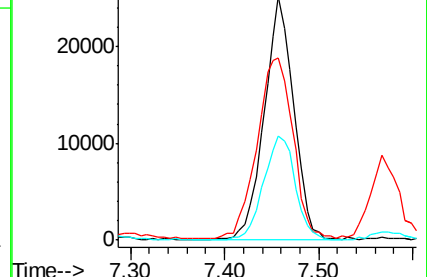
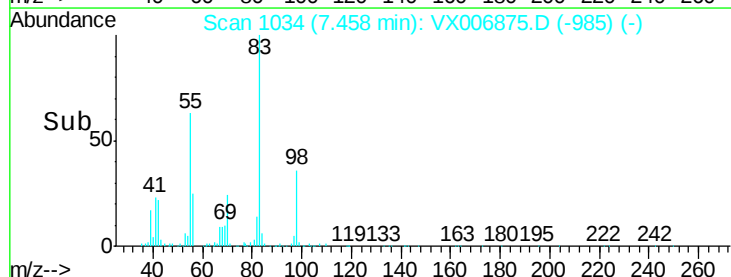
98 42.7 37.9 56.9

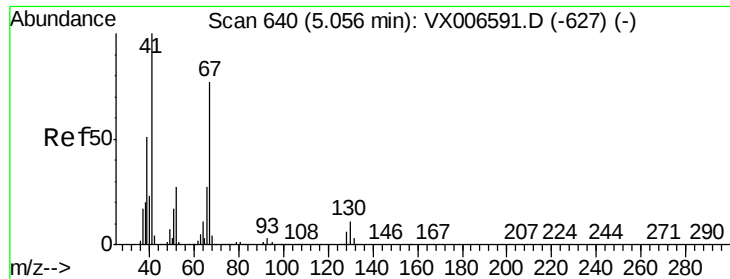


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.228 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

Tgt Ion: 41 Resp: 1062

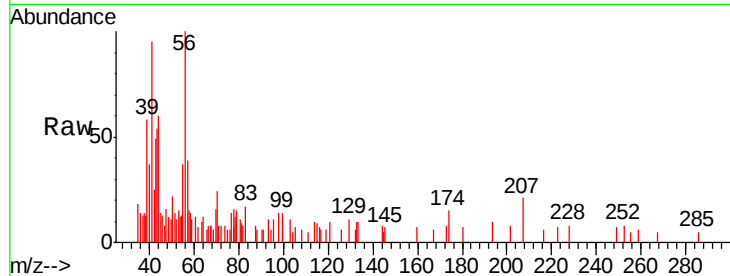
Ion Ratio Lower Upper

41 100

39 55.8 42.8 64.2

67 0.0 62.1 93.1#

52 0.0 23.4 35.0#

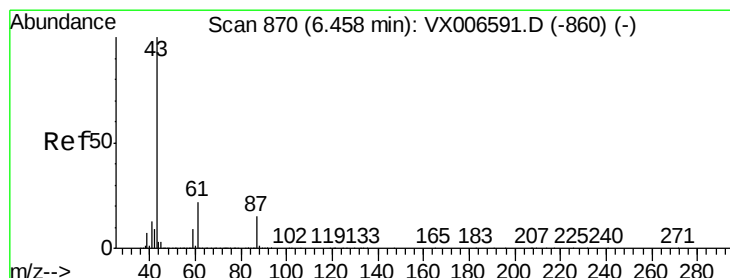
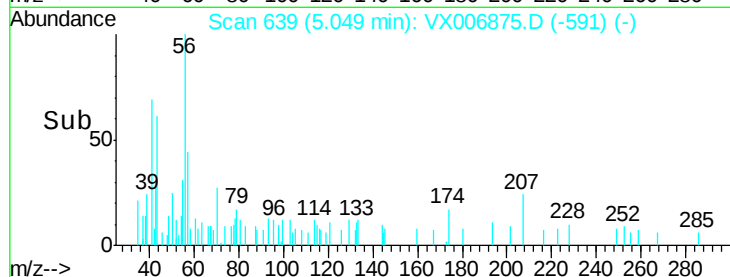
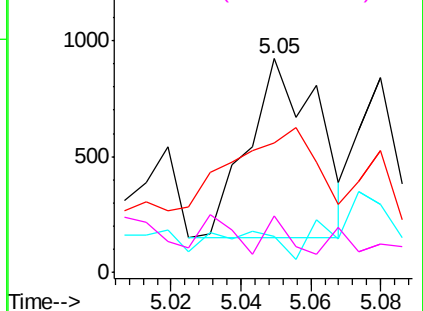


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 14.392 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.12 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

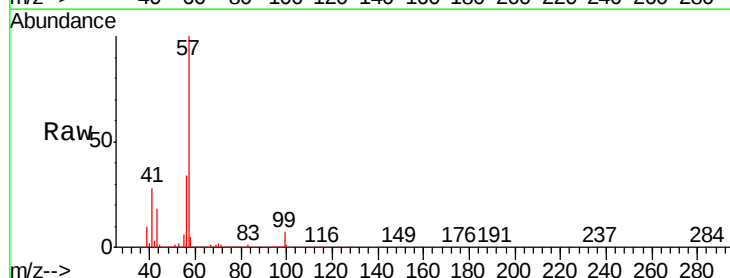
Tgt Ion: 43 Resp: 191797

Ion Ratio Lower Upper

43 100

61 0.3 16.8 25.2#

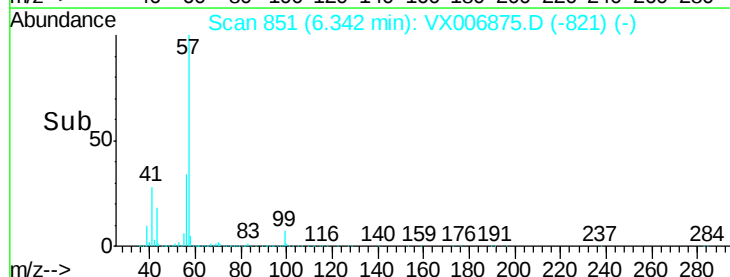
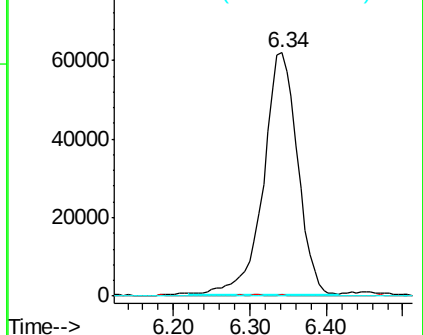
87 0.0 12.4 18.6#

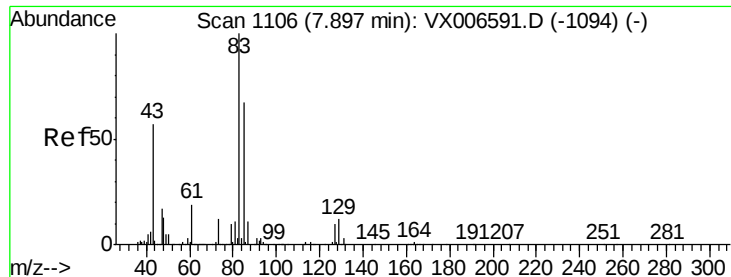


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.561 ug/l

RT: 7.94 min Scan# 1113

Delta R.T. 0.04 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

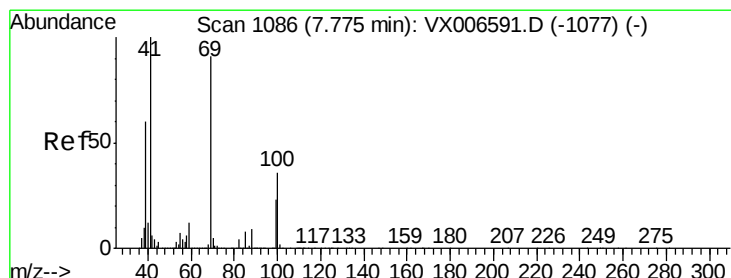
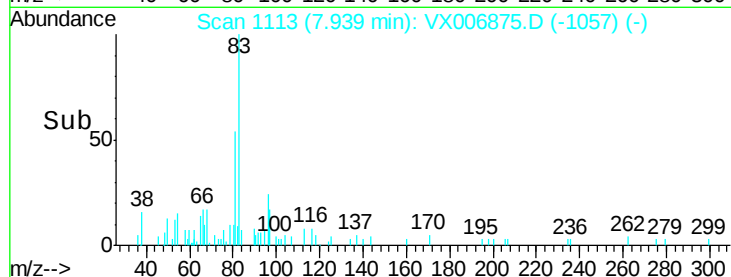
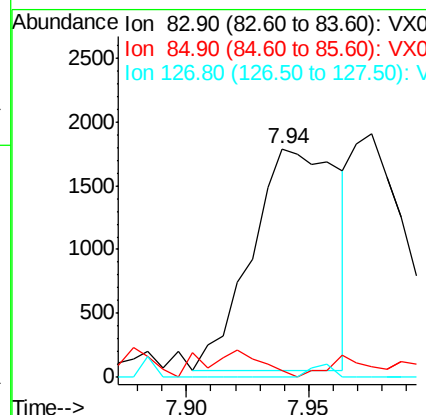
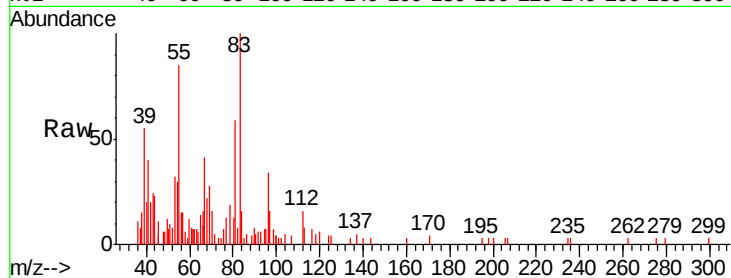
Tgt Ion: 83 Resp: 4266

Ion Ratio Lower Upper

83 100

85 0.0 53.2 79.8#

127 0.0 7.8 11.6#



#48

Methyl methacrylate

Concen: 0.938 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

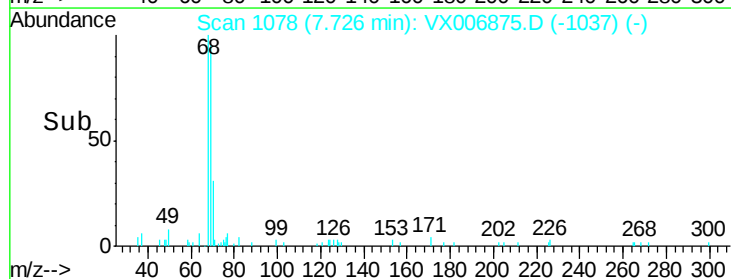
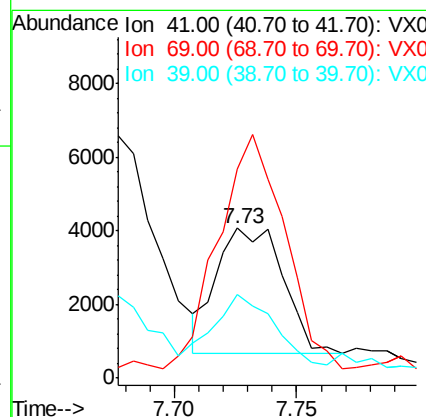
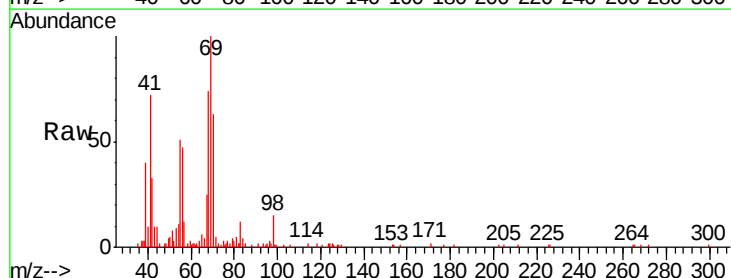
Tgt Ion: 41 Resp: 6358

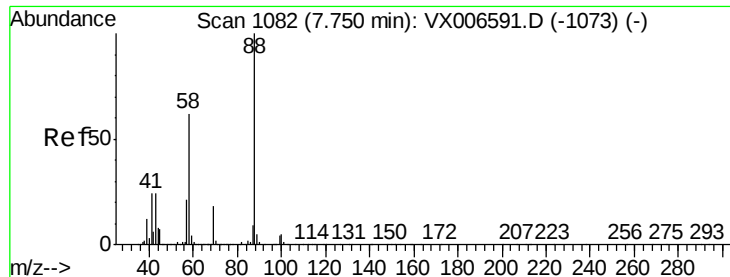
Ion Ratio Lower Upper

41 100

69 203.0 72.4 108.6#

39 51.1 45.8 68.8





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

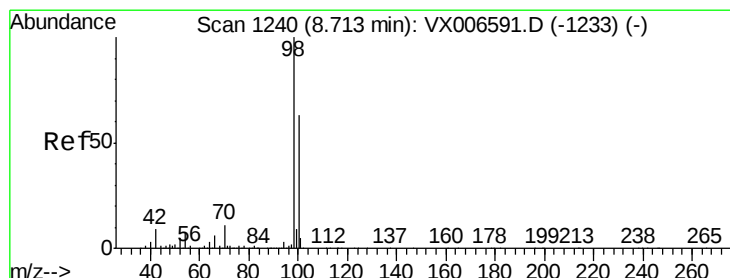
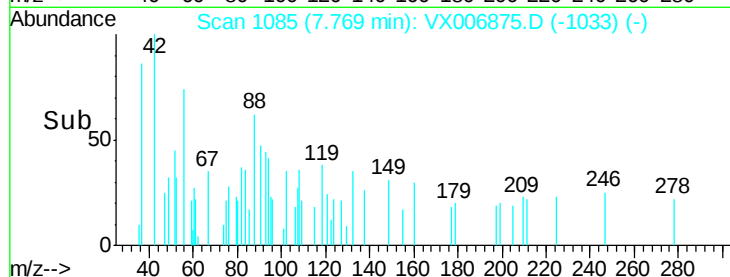
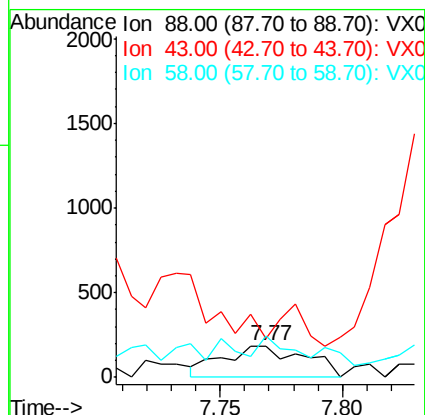
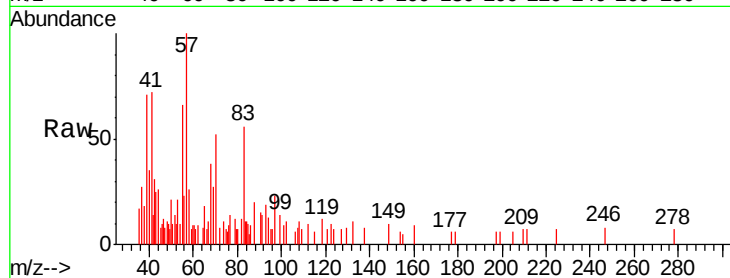
Tgt Ion: 88 Resp: 429

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#



#50

Toluene-d8

Concen: 49.184 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006875.D

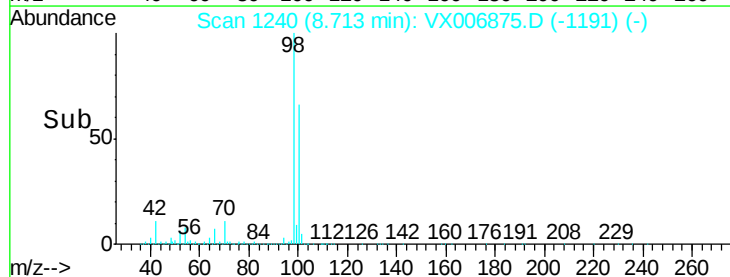
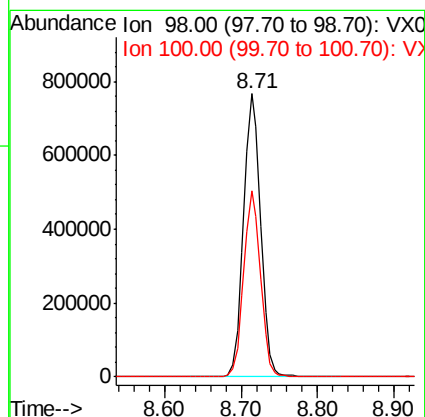
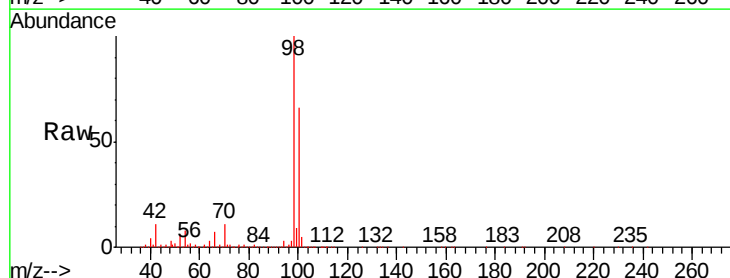
Acq: 02 Jan 2019 12:18

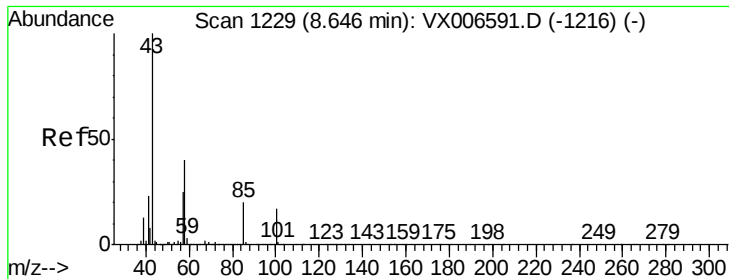
Tgt Ion: 98 Resp: 1191362

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

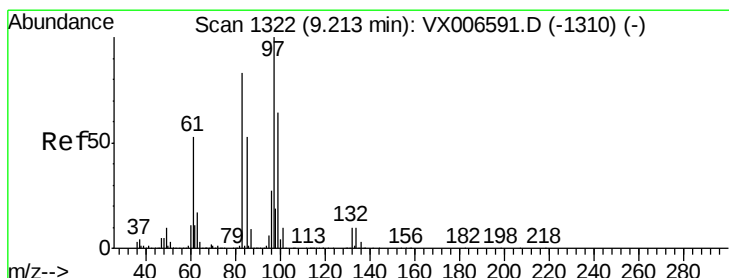
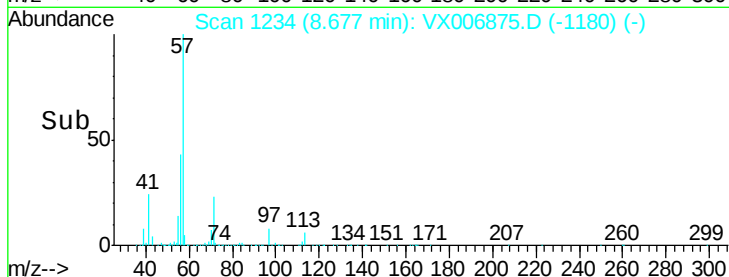
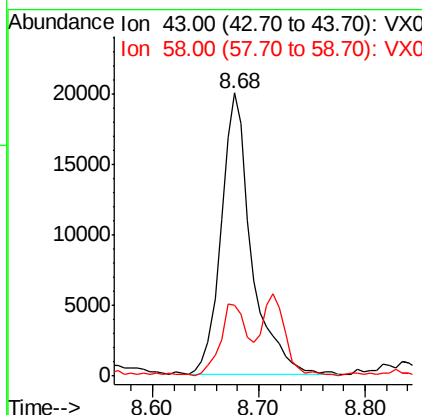
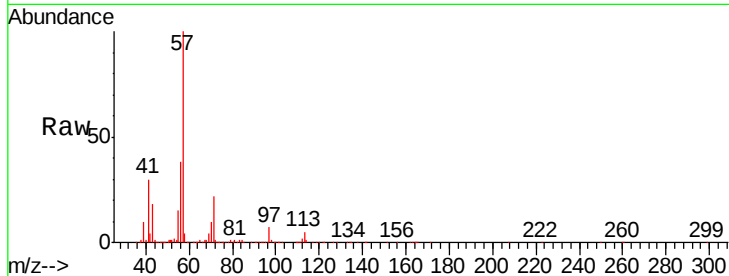




#51
 4-Methyl-2-Pentanone
 Concen: 4.649 ug/l
 RT: 8.68 min Scan# 1234
 Delta R.T. 0.03 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

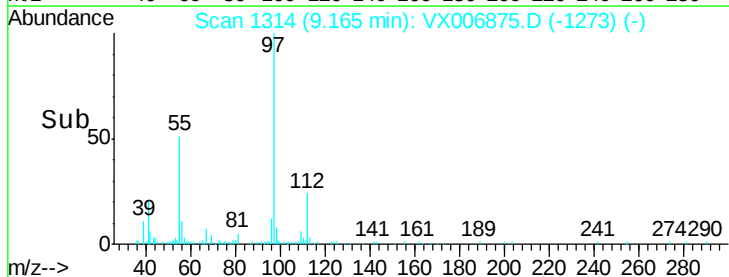
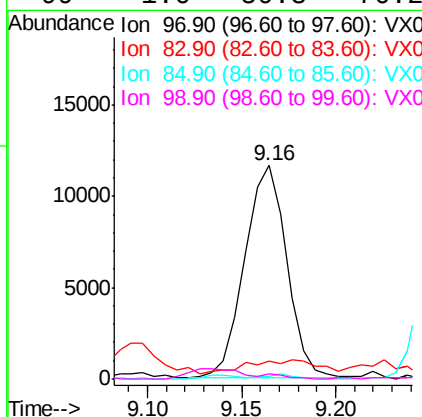
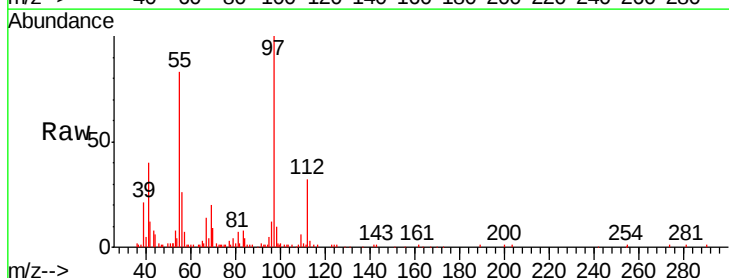
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-06AMEDL

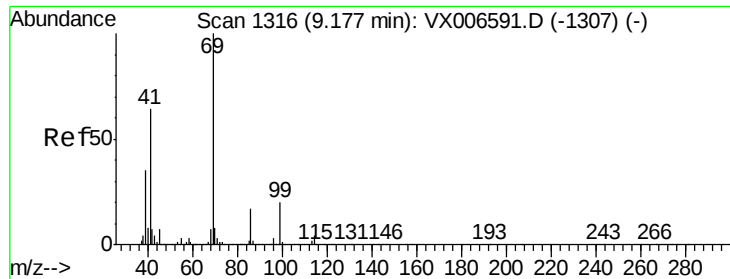
Tgt Ion: 43 Resp: 39416
 Ion Ratio Lower Upper
 43 100
 58 22.2 31.8 47.6#



#55
 1,1,2-Trichloroethane
 Concen: 2.643 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

Tgt Ion: 97 Resp: 17878
 Ion Ratio Lower Upper
 97 100
 83 4.6 66.6 99.8#
 85 1.3 42.7 64.1#
 99 1.6 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.573 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

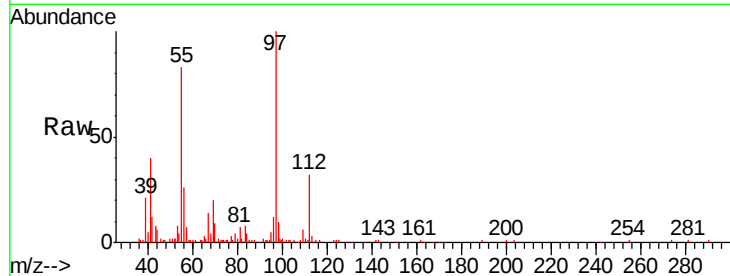
Tgt Ion: 69 Resp: 5482

Ion Ratio Lower Upper

69 100

41 101.3 48.7 73.1#

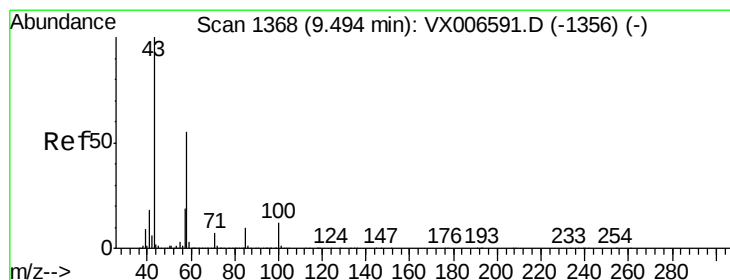
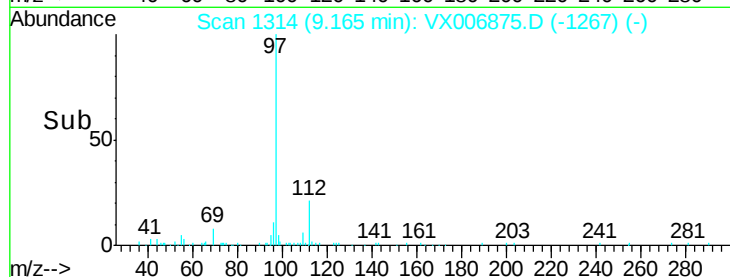
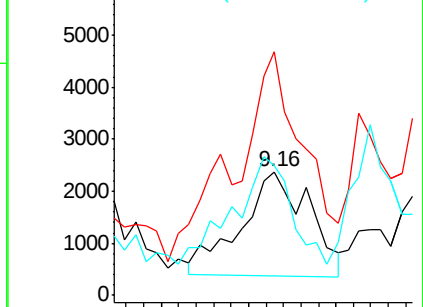
39 91.1 27.0 40.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 1.537 ug/l

RT: 9.45 min Scan# 1360

Delta R.T. -0.05 min

Lab File: VX006875.D

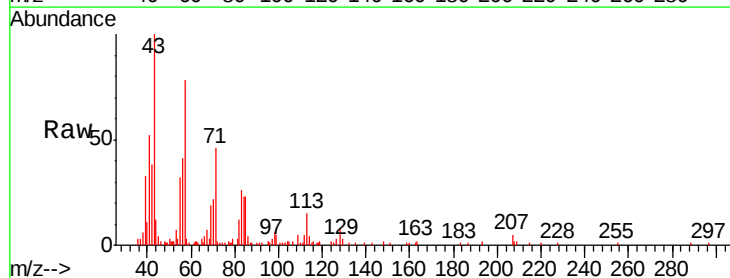
Acq: 02 Jan 2019 12:18

Tgt Ion: 43 Resp: 9973

Ion Ratio Lower Upper

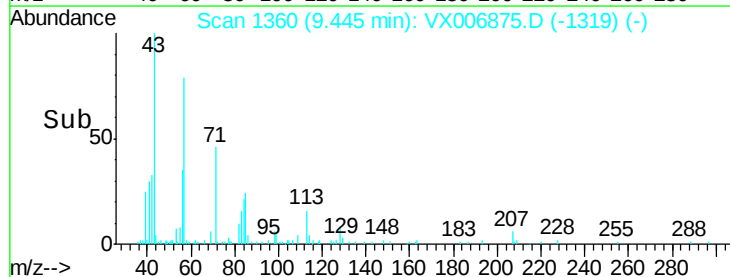
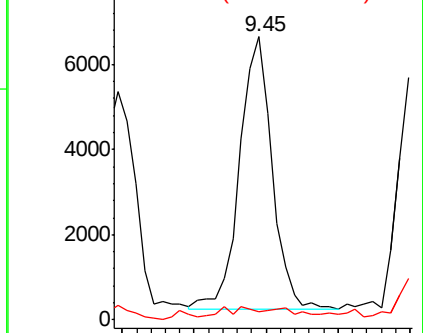
43 100

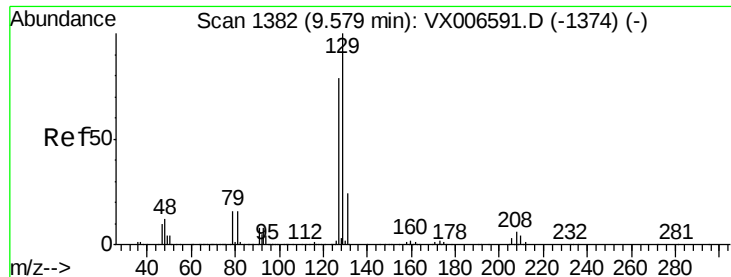
58 1.4 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 2.329 ug/l

RT: 9.82 min Scan# 1422

Delta R.T. 0.24 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

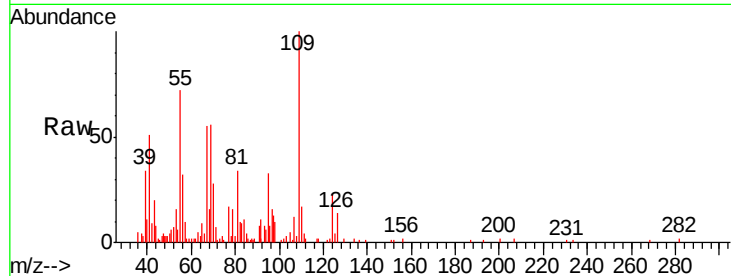
AOC2-06AMEDL

Tgt Ion:129 Resp: 37

Ion Ratio Lower Upper

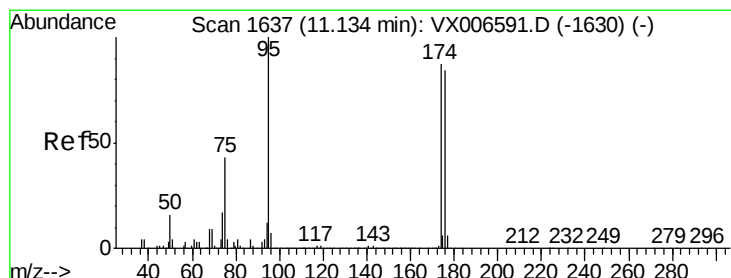
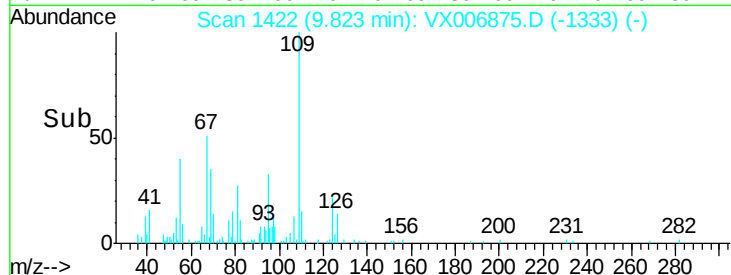
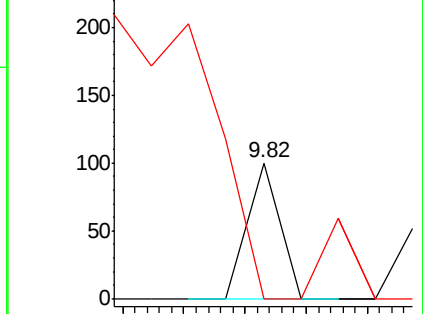
129 100

127 59.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.135 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

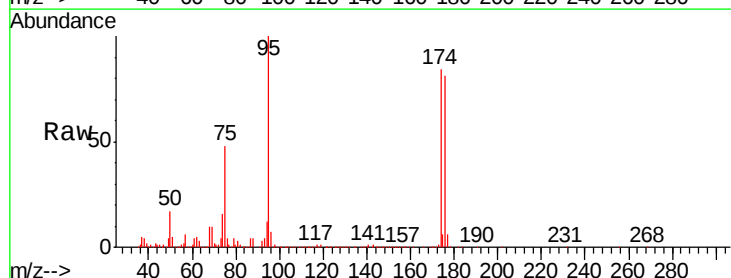
Tgt Ion: 95 Resp: 427026

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

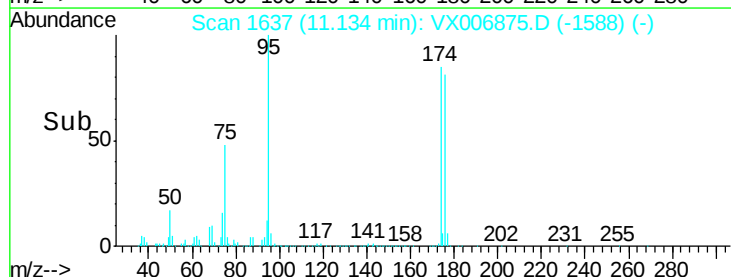
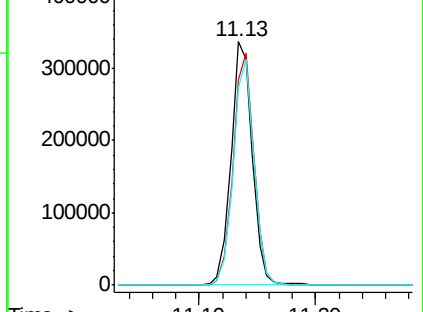
176 90.7 0.0 178.8

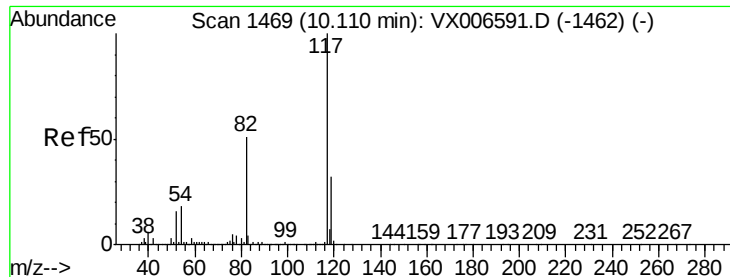


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

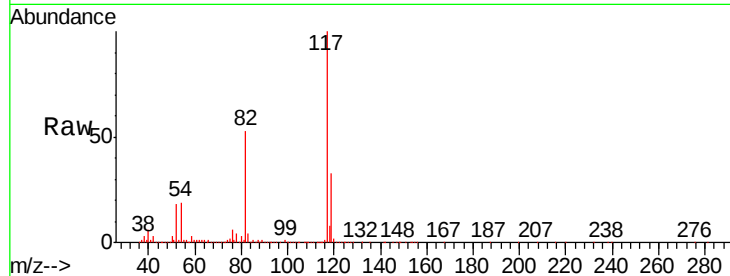
Tgt Ion:117 Resp: 917516

Ion Ratio Lower Upper

117 100

82 52.4 41.0 61.6

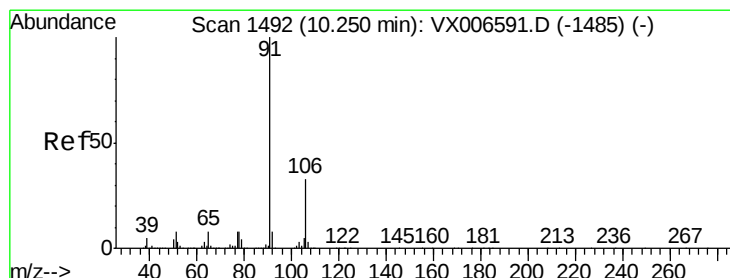
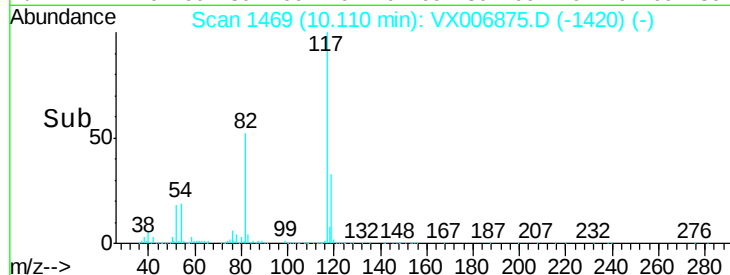
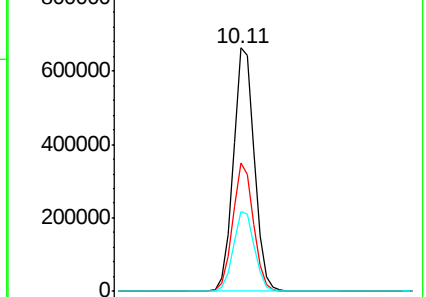
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.241 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006875.D

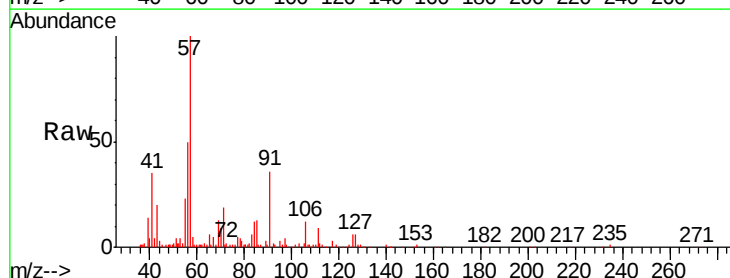
Acq: 02 Jan 2019 12:18

Tgt Ion: 91 Resp: 7640

Ion Ratio Lower Upper

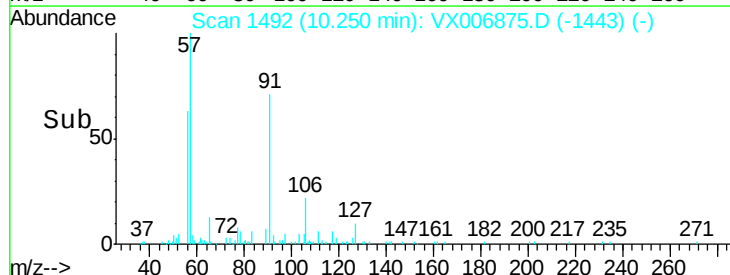
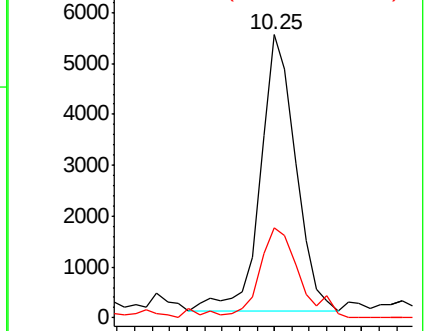
91 100

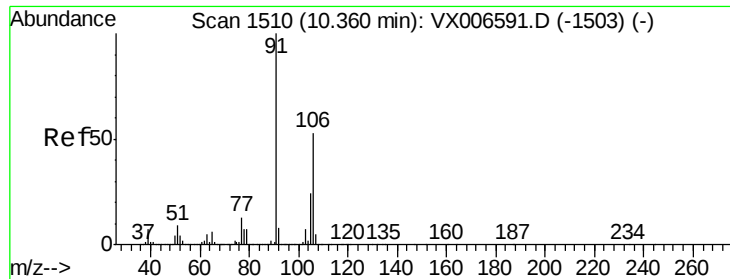
106 30.9 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

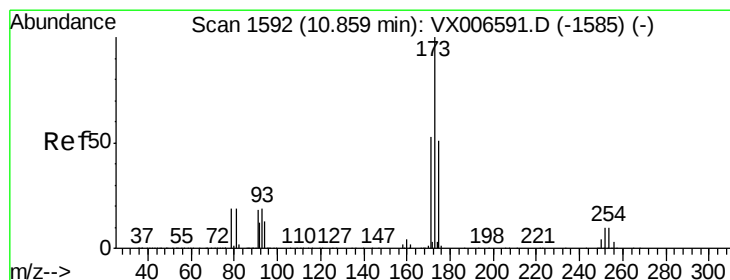
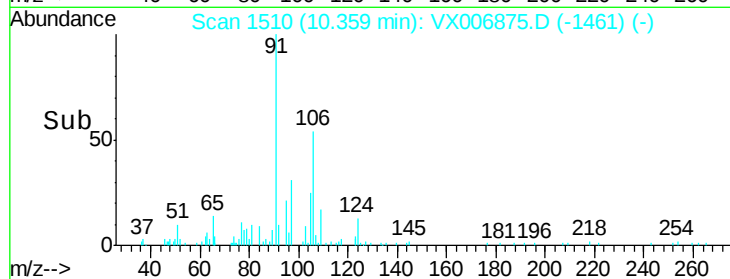
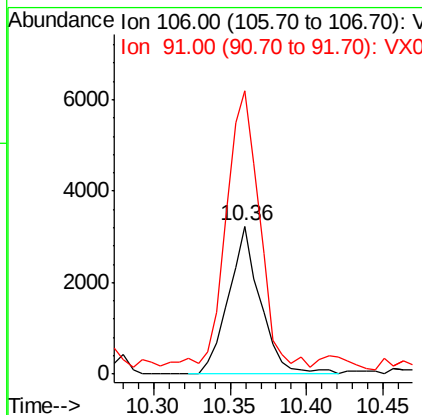
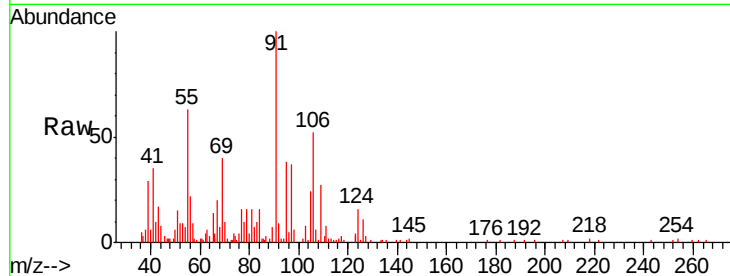




#68
m/p-Xylenes
Concen: 0.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

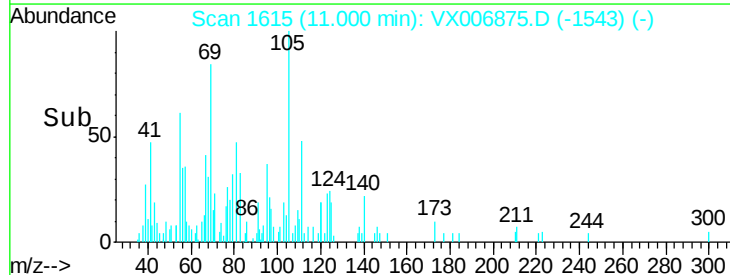
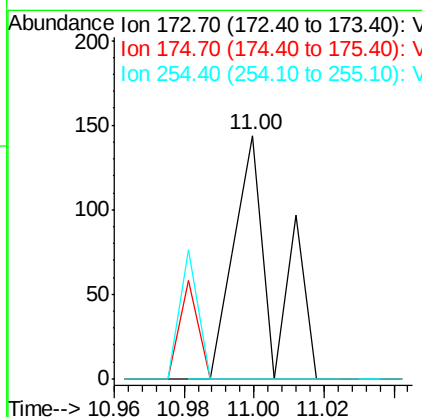
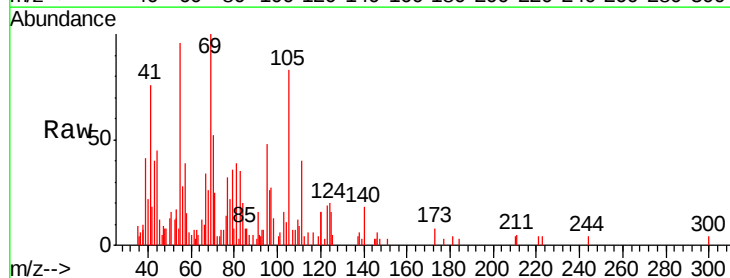
Instrument :
MSVOA_X
ClientSampleId :
AOC2-06AMEDL

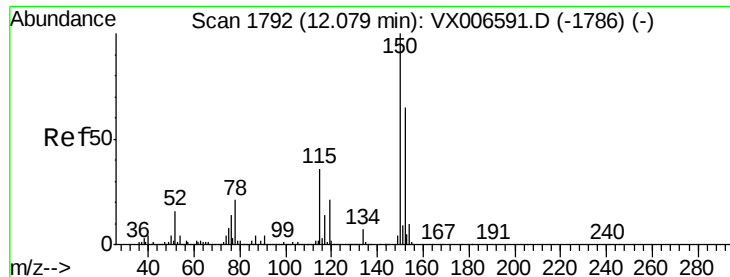
Tgt Ion:106 Resp: 4677
Ion Ratio Lower Upper
106 100
91 192.6 155.8 233.6



#71
Bromoform
Concen: 4.479 ug/l
RT: 11.00 min Scan# 1615
Delta R.T. 0.14 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

Tgt Ion:173 Resp: 115
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 24.3 0.2 0.2#

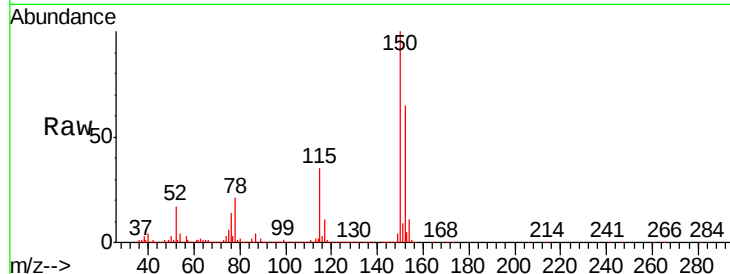




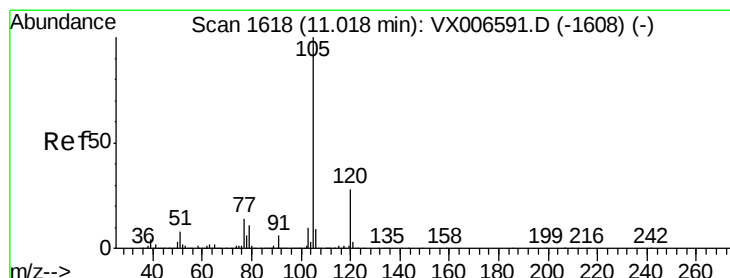
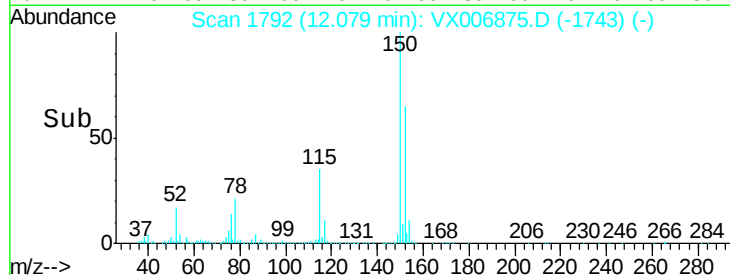
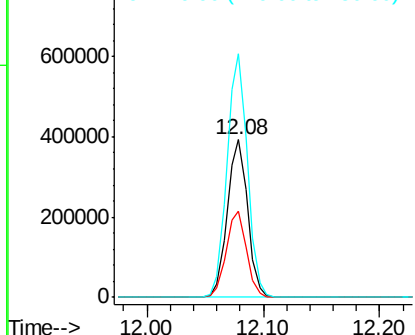
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC2-06AMEDL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.2
150	155.4	0.0	344.8

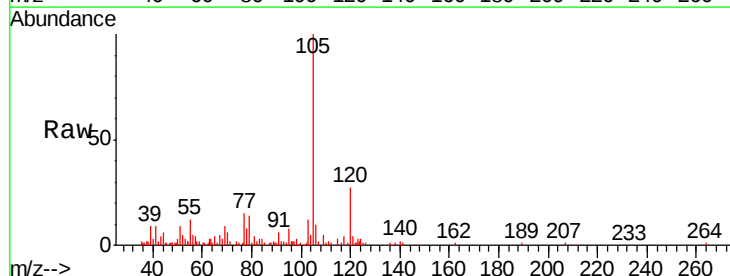


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

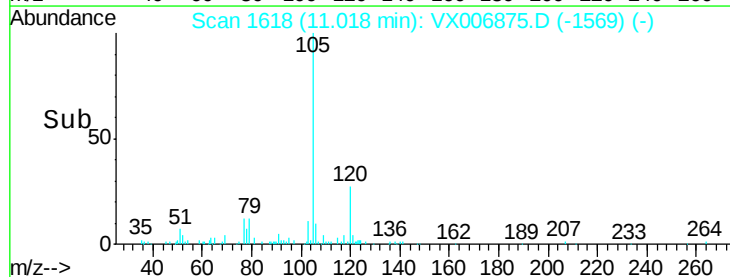
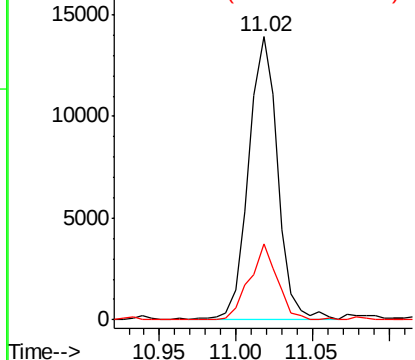


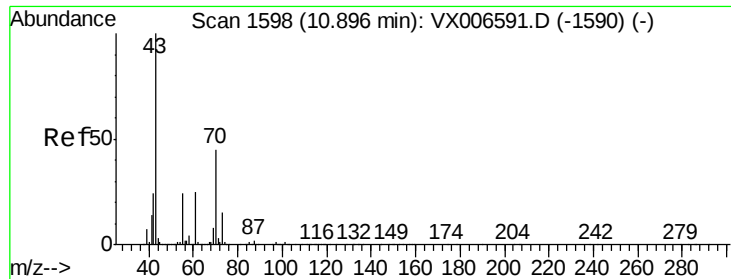
#73
 Isopropylbenzene
 Concen: 0.569 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	14.1	42.4



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





#74

N-ethyl acetate

Concen: 0.414 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleID :

AOC2-06AMEDL

Tgt Ion: 43 Resp: 4808

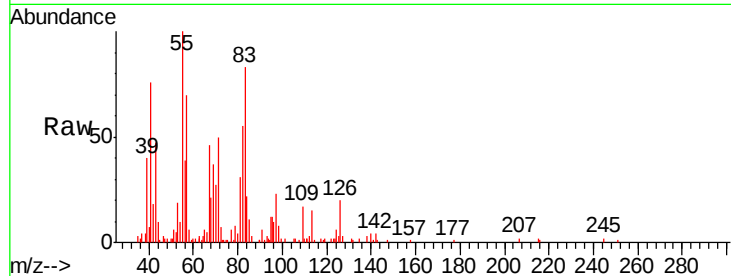
Ion Ratio Lower Upper

43 100

70 35.8 35.8 53.8#

55 225.0 19.4 29.0#

61 0.0 20.1 30.1#

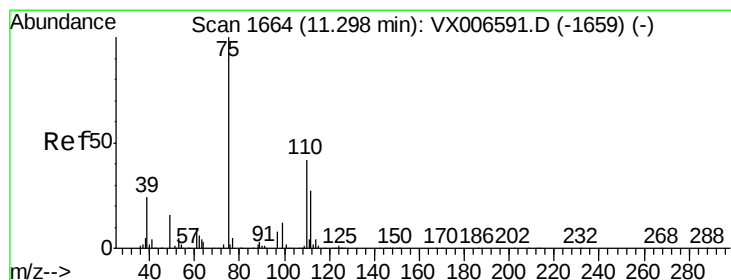
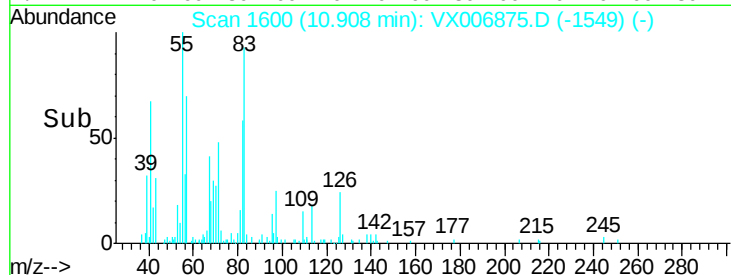
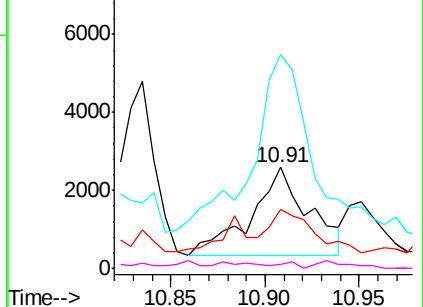


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.962 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006875.D

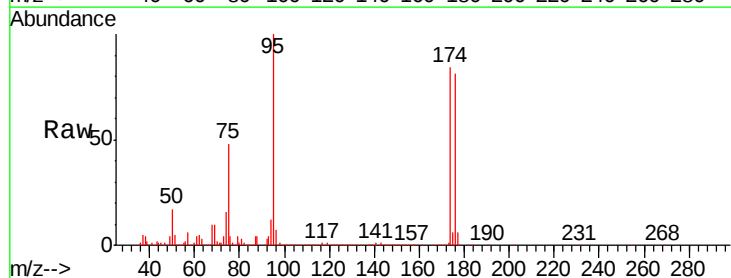
Acq: 02 Jan 2019 12:18

Tgt Ion: 75 Resp: 202454

Ion Ratio Lower Upper

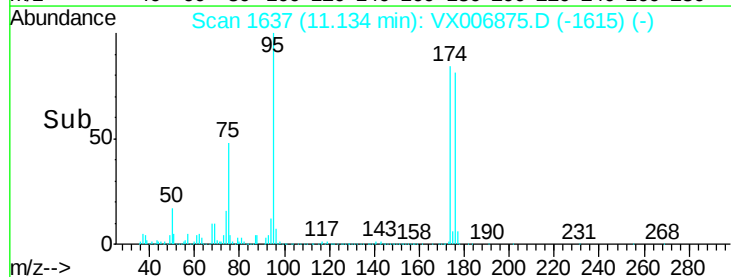
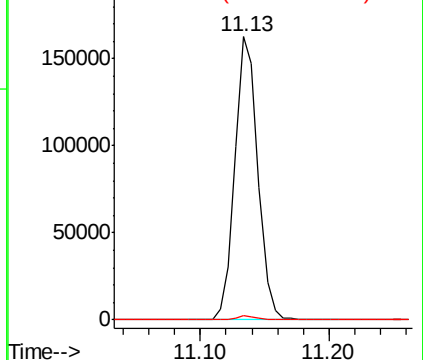
75 100

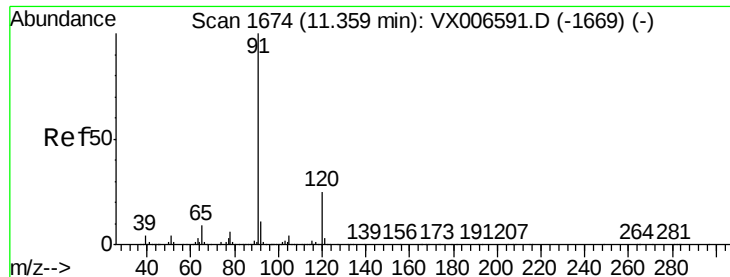
77 1.5 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

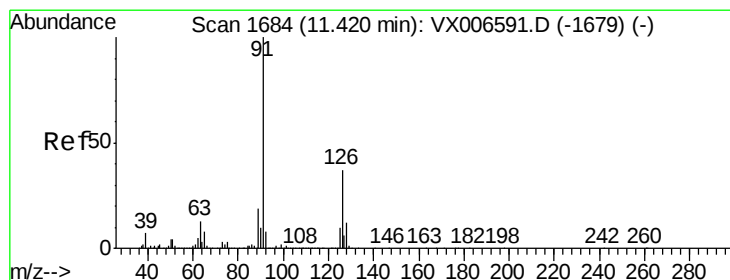
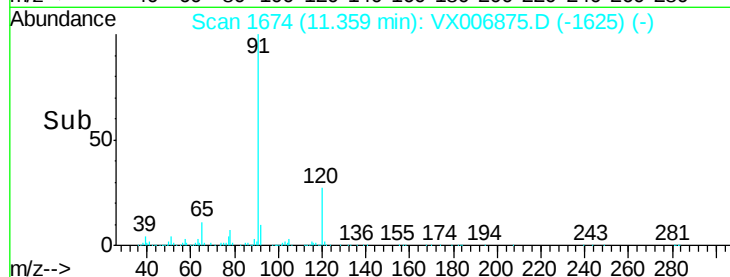
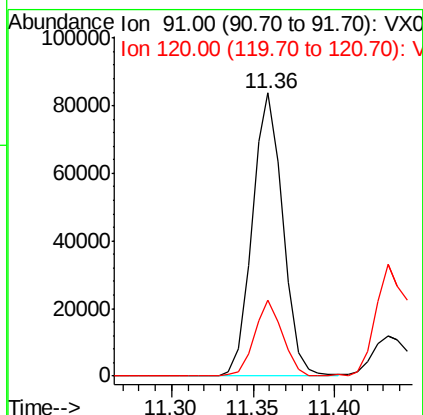
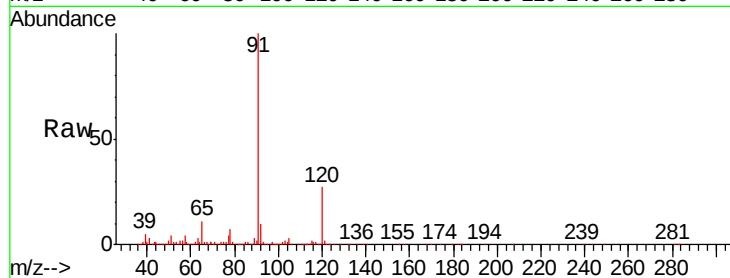




#78
n-propylbenzene
Concen: 3.028 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

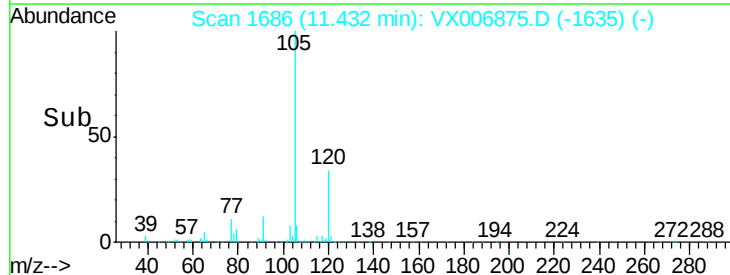
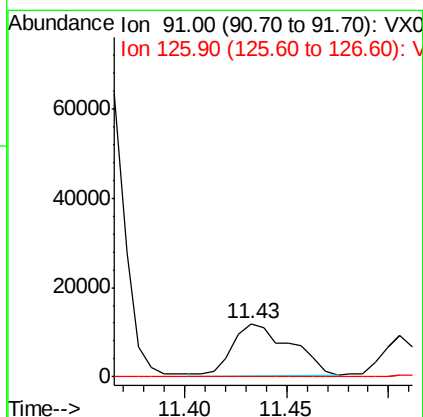
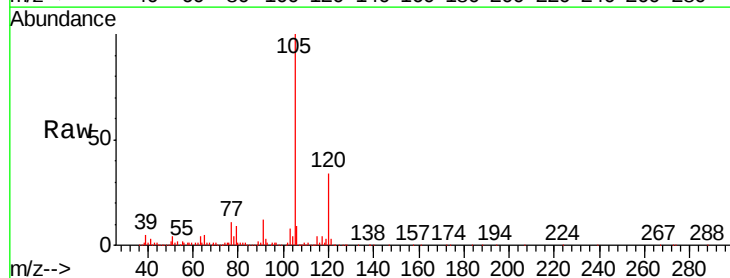
Instrument :
MSVOA_X
ClientSampleId :
AOC2-06AMEDL

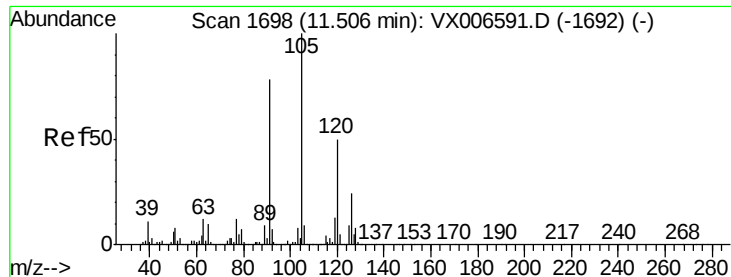
Tgt Ion: 91 Resp: 108220
Ion Ratio Lower Upper
91 100
120 24.9 12.7 38.0



#79
2-Chlorotoluene
Concen: 1.074 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

Tgt Ion: 91 Resp: 23253
Ion Ratio Lower Upper
91 100
126 2.2 18.6 56.0#

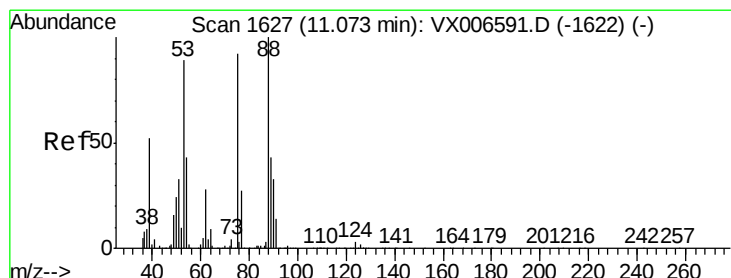
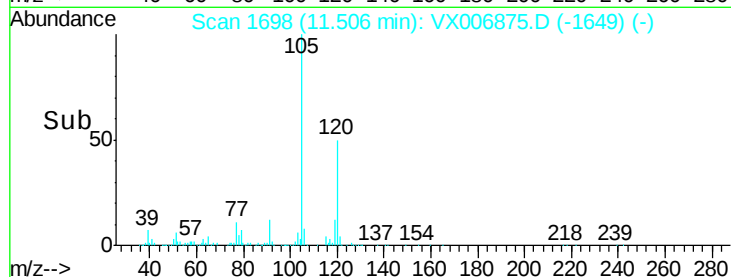
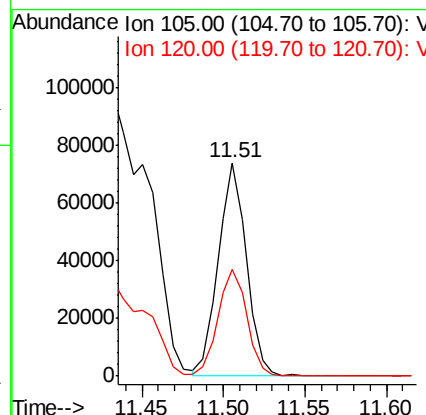
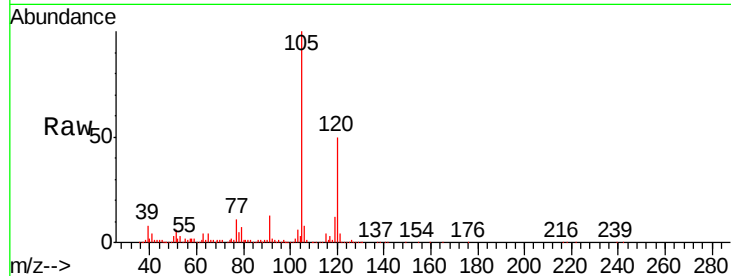




#80
 1,3,5-Trimethylbenzene
 Concen: 3.332 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

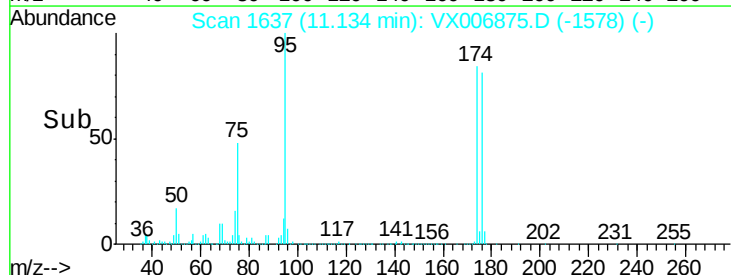
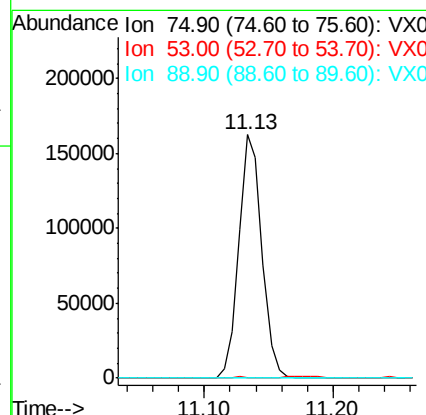
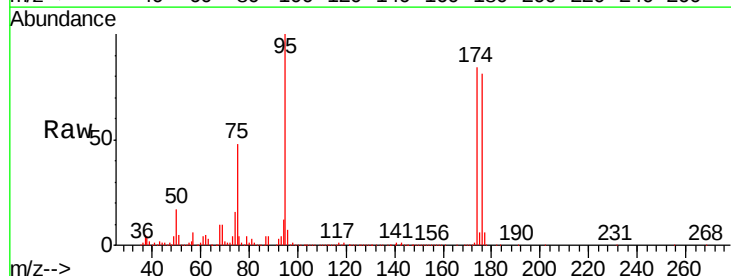
Instrument :
 MSVOA_X
 ClientSampled :
 AOC2-06AMEDL

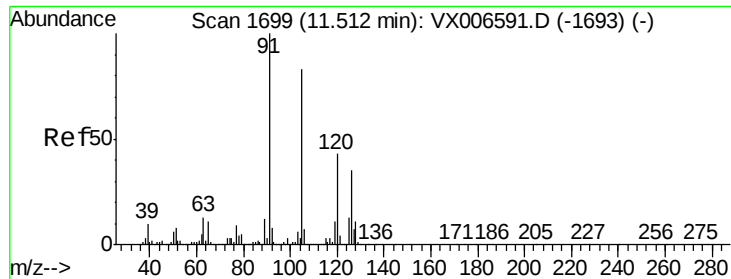
Tgt Ion:105 Resp: 89082
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.196 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006875.D
 Acq: 02 Jan 2019 12:18

Tgt Ion: 75 Resp: 202454
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.7 119.5#
 89 0.1 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.423 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

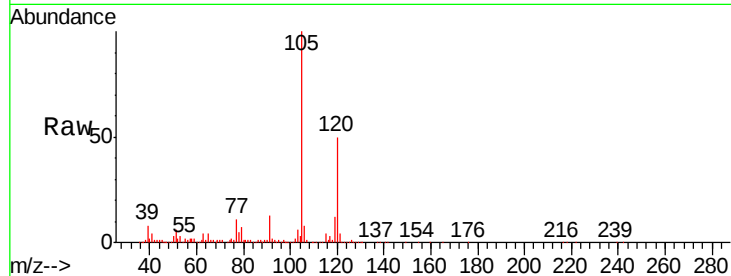
AOC2-06AMEDL

Tgt Ion: 91 Resp: 10505

Ion Ratio Lower Upper

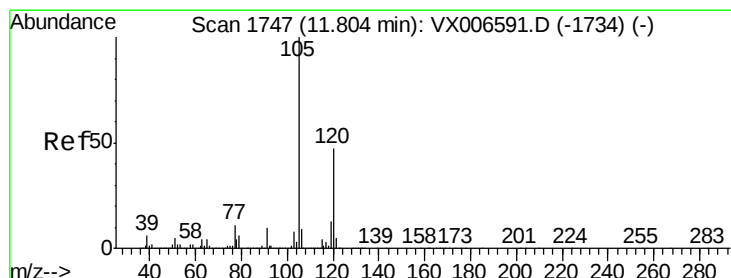
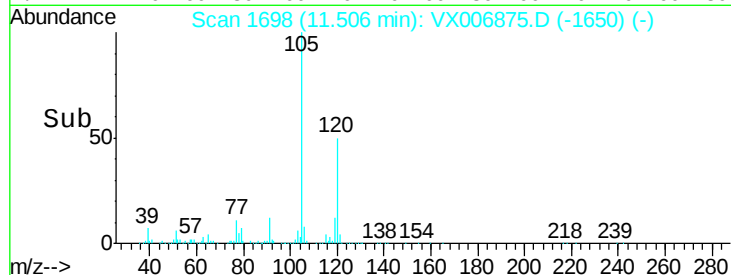
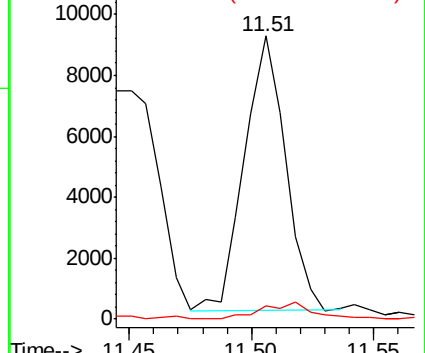
91 100

126 8.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 5.190 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006875.D

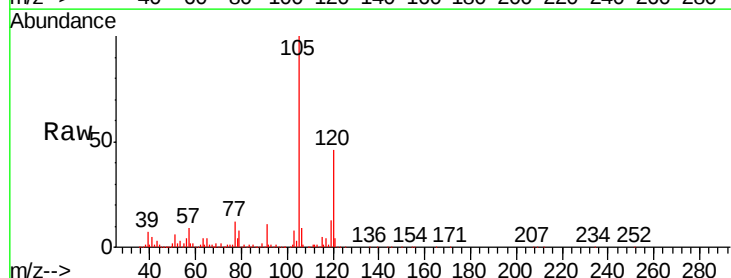
Acq: 02 Jan 2019 12:18

Tgt Ion: 105 Resp: 145943

Ion Ratio Lower Upper

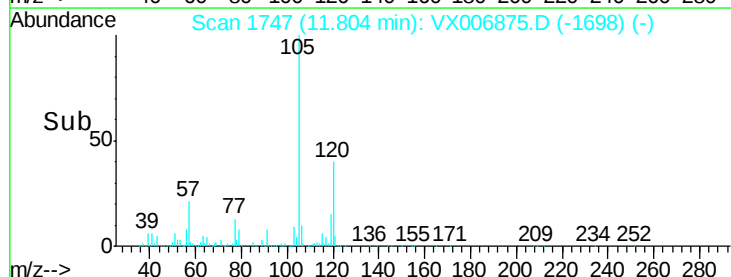
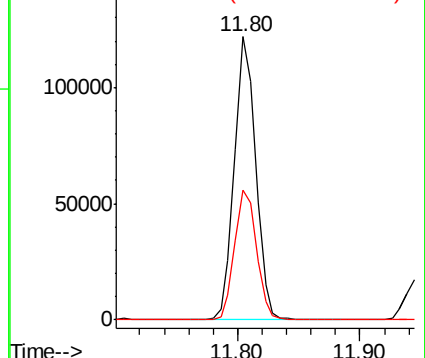
105 100

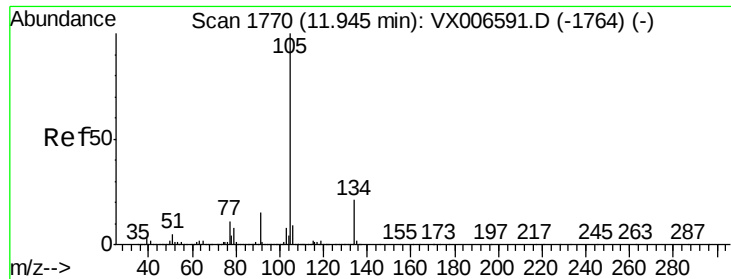
120 47.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.642 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

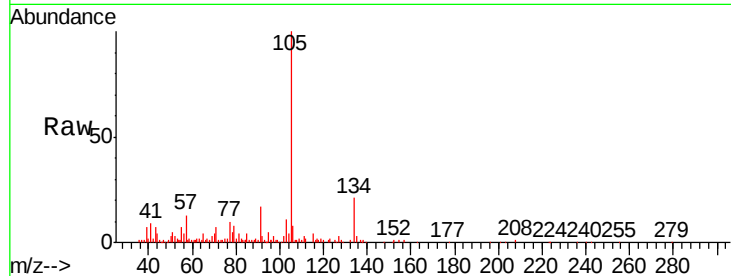
AOC2-06AMEDL

Tgt Ion:105 Resp: 21048

Ion Ratio Lower Upper

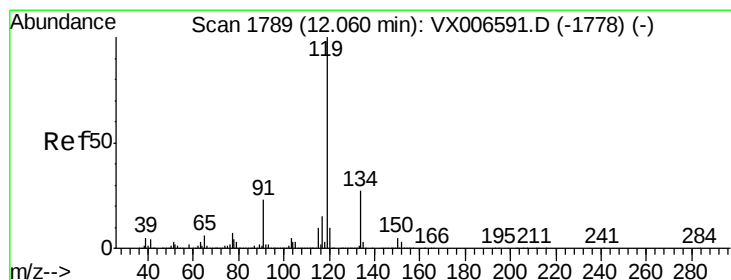
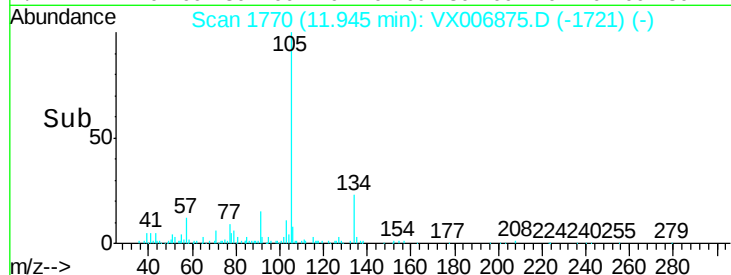
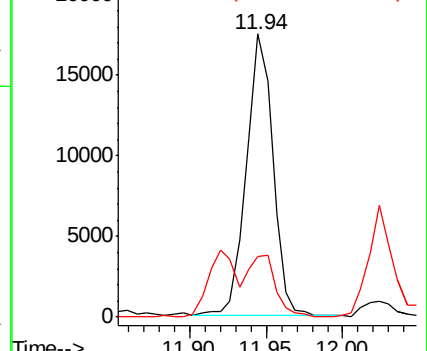
105 100

134 22.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.409 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

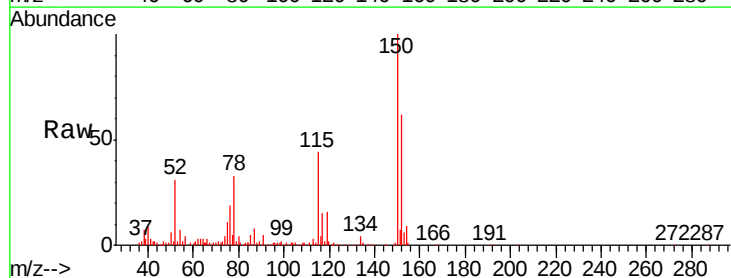
Tgt Ion:119 Resp: 11789

Ion Ratio Lower Upper

119 100

134 29.8 14.0 41.9

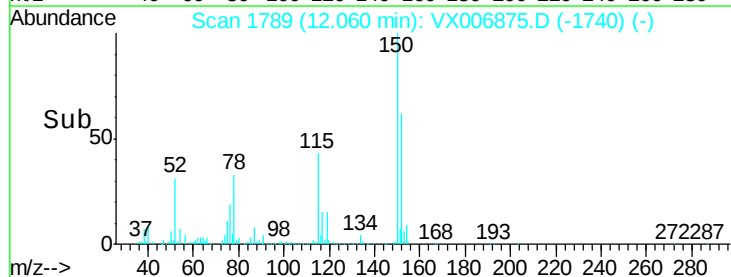
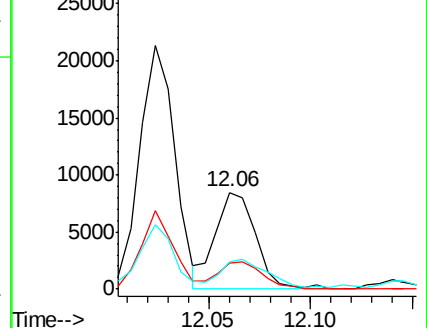
91 30.5 11.3 33.9

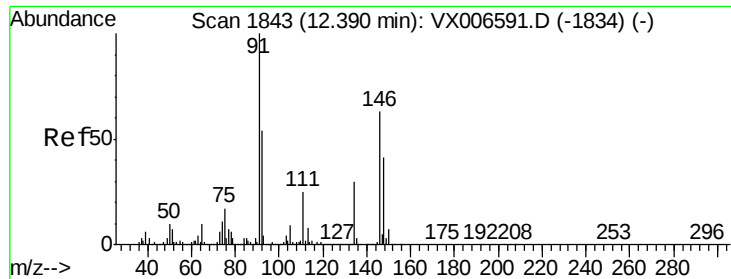


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

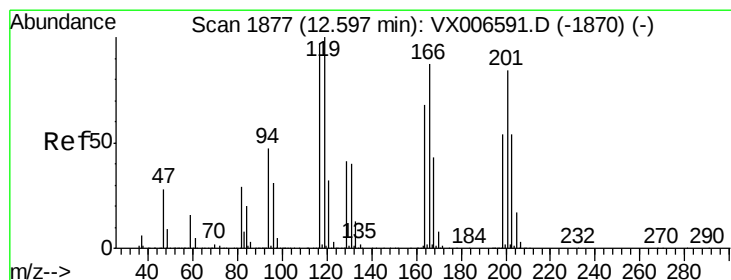
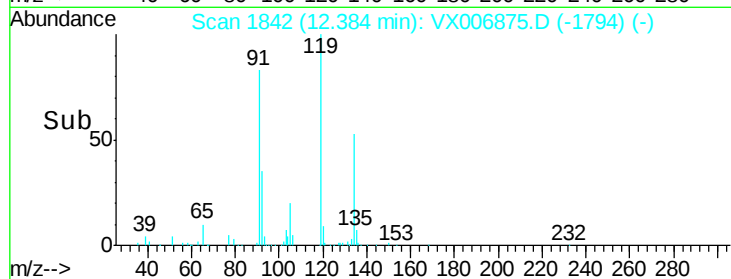
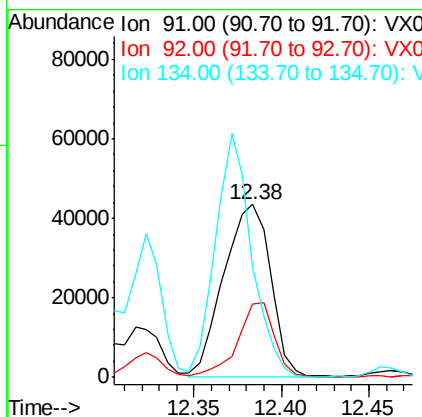
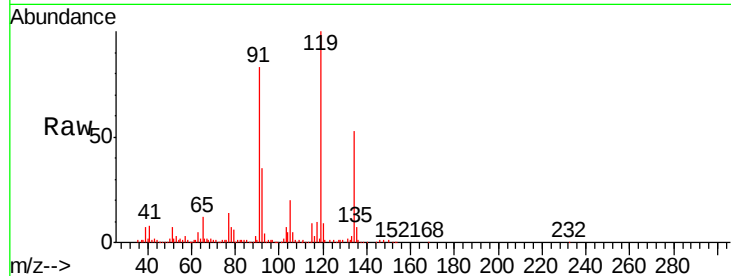




#89
n-Butylbenzene
Concen: 3.276 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

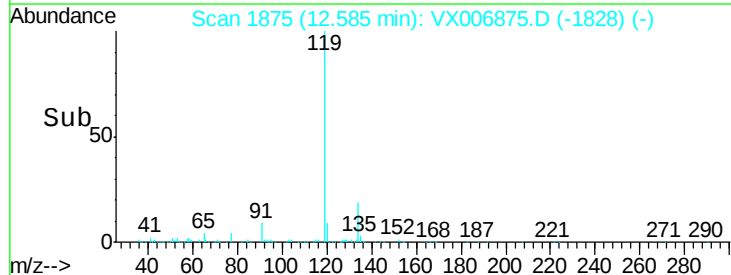
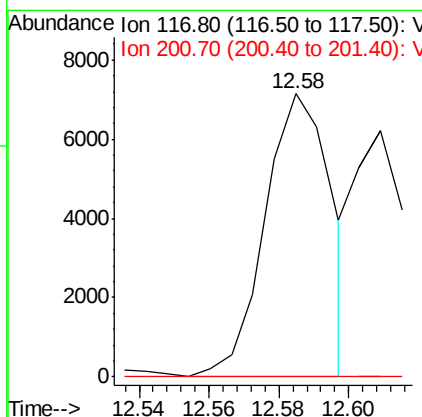
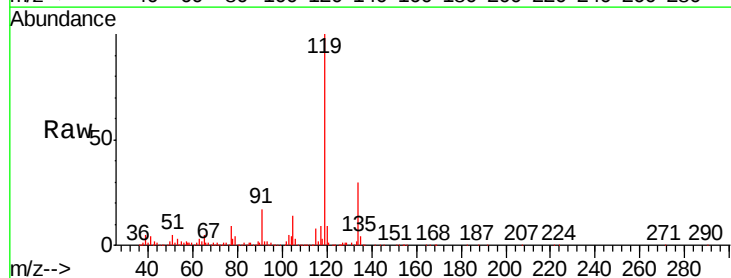
Instrument :
MSVOA_X
ClientSampleId :
AOC2-06AMEDL

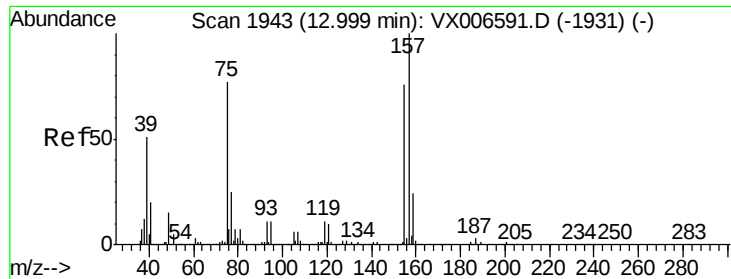
Tgt Ion: 91 Resp: 80408
Ion Ratio Lower Upper
91 100
92 34.1 26.8 80.4
134 109.9 14.4 43.2#



#90
Hexachloroethane
Concen: 5.245 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006875.D
Acq: 02 Jan 2019 12:18

Tgt Ion: 117 Resp: 9429
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.408 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX006875.D

Acq: 02 Jan 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

AOC2-06AMEDL

Tgt Ion: 75 Resp: 815

Ion Ratio Lower Upper

75 100

155 20.0 50.6 151.8#

157 3.6 64.6 193.8#

