

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059977.D
 Acq On : 5 Sep 2018 18:59
 Operator : JC/SY
 Sample : J4741-10RE
 Misc : 7.53g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC10-02-BRE

Quant Time: Sep 05 19:17:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	861440	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1267529	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	865251	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	268359	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	477803	65.81	ug/l	-0.04
Spiked Amount				50.000		
Recovery						= 131.62%
35) Dibromofluoromethane	6.29	113	564868	56.84	ug/l	-0.04
Spiked Amount				50.000		
Recovery						= 113.68%
50) Toluene-d8	9.43	98	1343759	48.72	ug/l	-0.03
Spiked Amount				50.000		
Recovery						= 97.44%
62) 4-Bromofluorobenzene	12.42	95	394908	35.25	ug/l	-0.02
Spiked Amount				50.000		
Recovery						= 70.50%

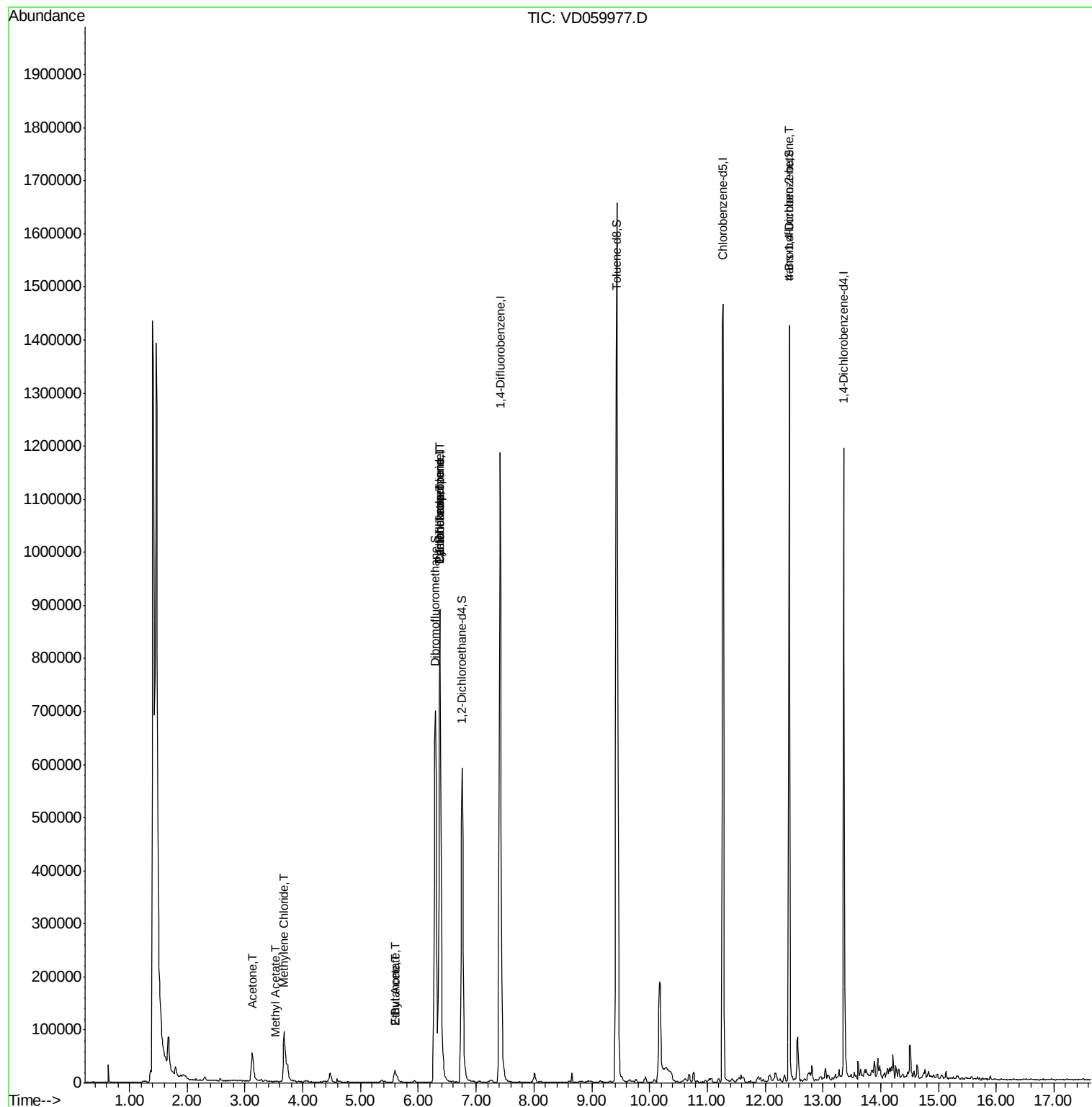
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.13	43	102889	77.781	ug/l	98
18) Methyl Acetate	3.53	43	2765	1.001	ug/l #	66
20) Methylene Chloride	3.68	84	52876	2.449	ug/l	97
25) 2-Butanone	5.60	43	42691	10.897	ug/l	95
31) Cyclohexane	6.37	56	19303	1.396	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	57880	5.037	ug/l #	46
37) Ethyl Acetate	5.60	43	42691	4.775	ug/l #	71
38) Carbon Tetrachloride	6.37	117	67636	5.833	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	155074	119.525	ug/l #	12
89) n-Butylbenzene	13.62	91	3432	Below Cal	#	1

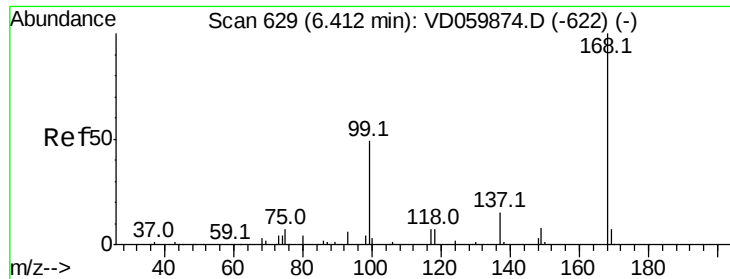
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090518\
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

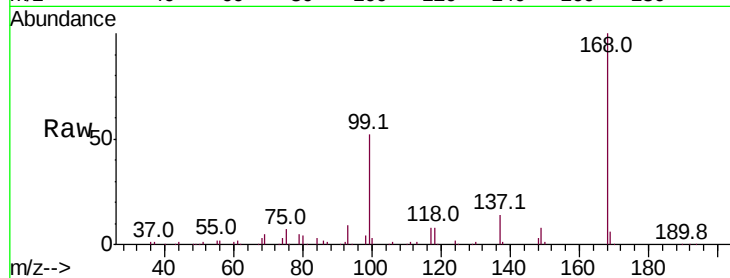
Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-BRE

Tot Ion:168 Resp: 861440

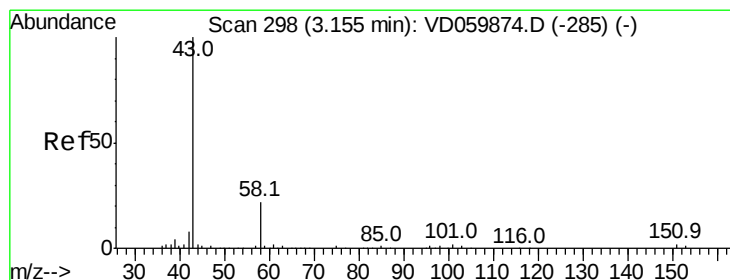
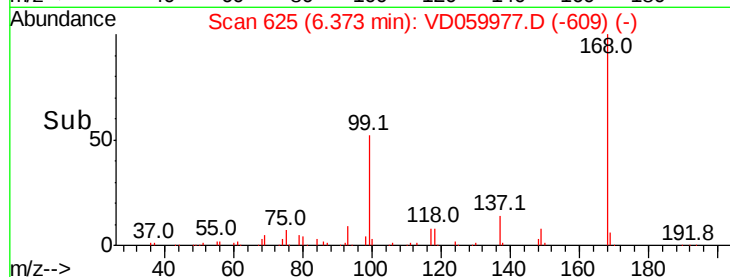
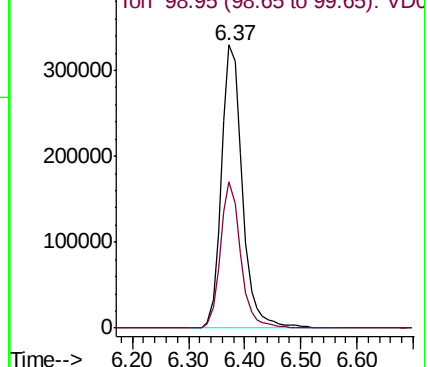
Ion Ratio Lower Upper

168 100

99 51.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 77.781 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059977.D

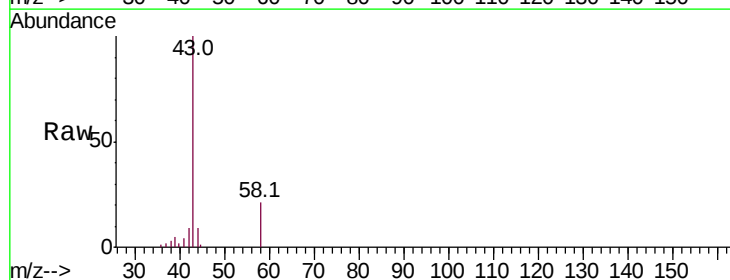
Acq: 5 Sep 2018 18:59

Tgt Ion: 43 Resp: 102889

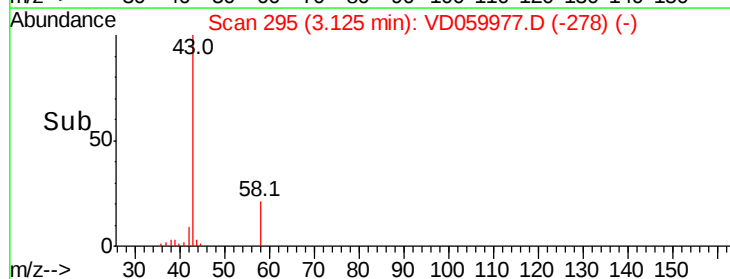
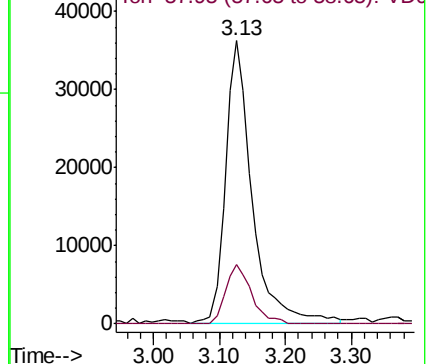
Ion Ratio Lower Upper

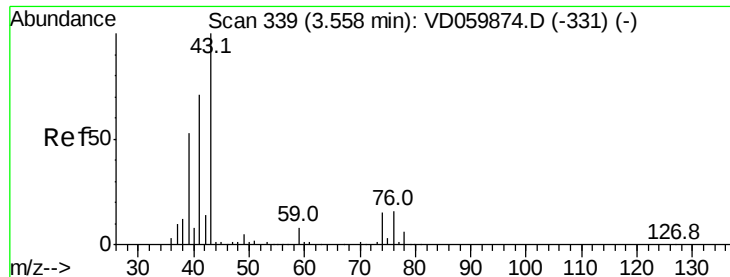
43 100

58 21.1 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): V

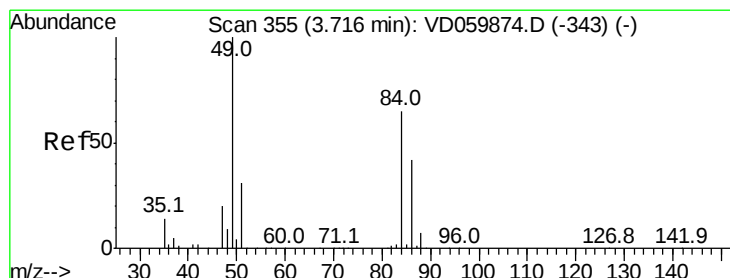
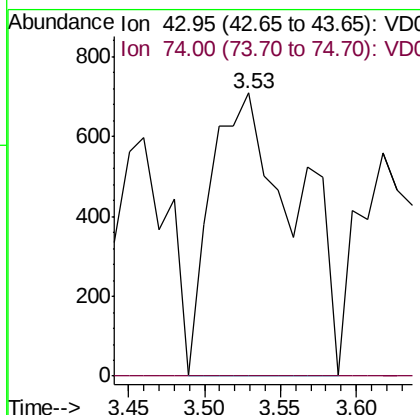
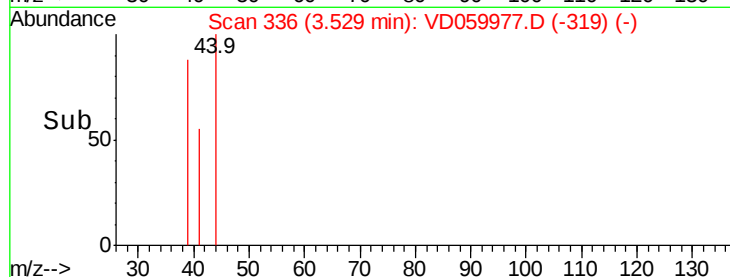
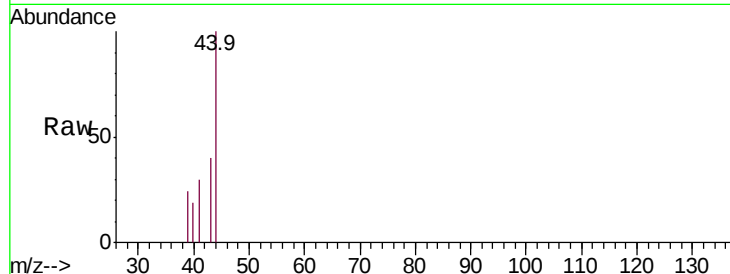




#18
Methyl Acetate
Concen: 1.001 ug/l
RT: 3.53 min Scan# 336
Delta R.T. -0.03 min
Lab File: VD059977.D
Acq: 5 Sep 2018 18:59

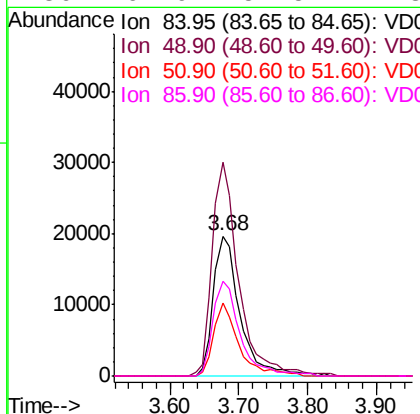
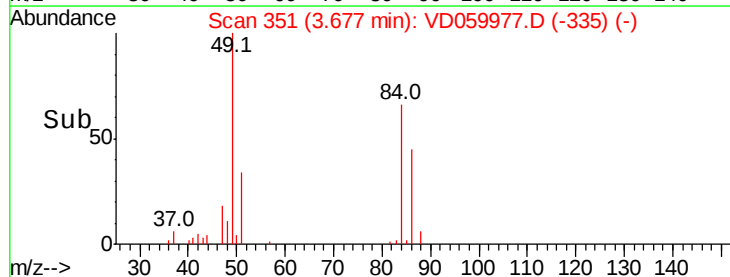
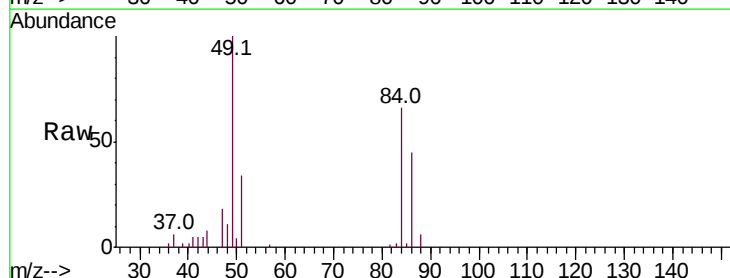
Instrument :
MSVOA_D
ClientSampleId :
AOC10-02-BRE

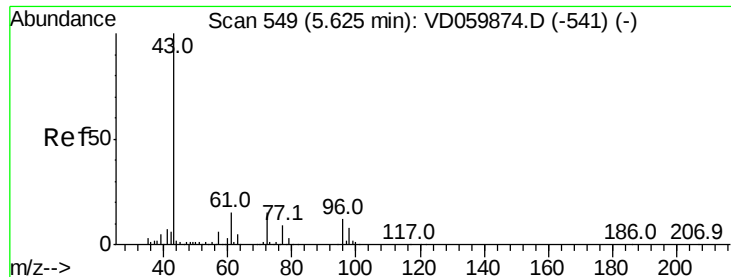
Tot Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
74 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: 2.449 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059977.D
Acq: 5 Sep 2018 18:59

Tgt Ion: 84 Resp: 52876
Ion Ratio Lower Upper
84 100
49 152.6 122.6 183.8
51 52.6 38.4 57.6
86 67.9 51.5 77.3





#25

2-Butanone

Concen: 10.897 ug/l

RT: 5.60 min Scan# 546

Delta R.T. -0.03 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

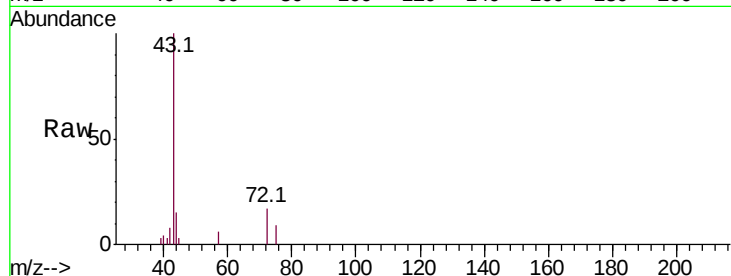
AOC10-02-BRE

Tot Ion: 43 Resp: 42691

Ion Ratio Lower Upper

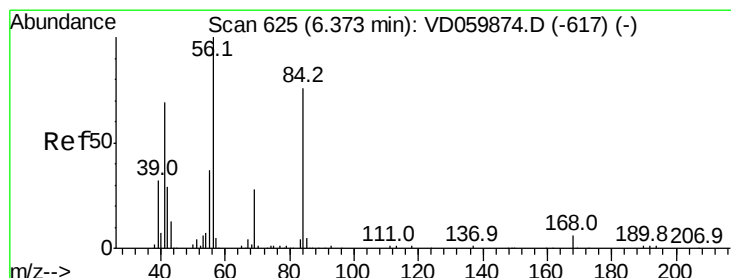
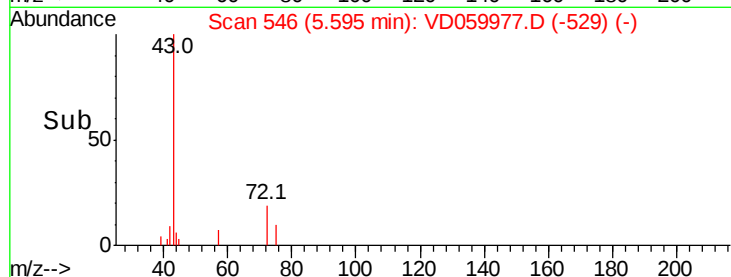
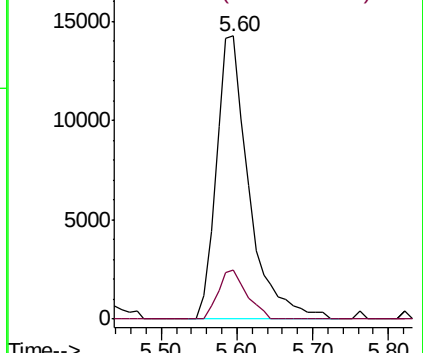
43 100

72 17.4 12.3 18.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.396 ug/l

RT: 6.37 min Scan# 625

Delta R.T. 0.00 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

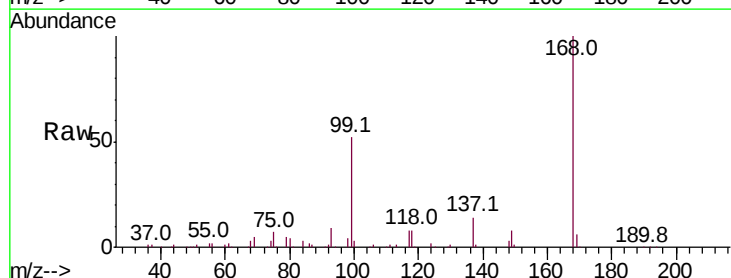
Tgt Ion: 56 Resp: 19303

Ion Ratio Lower Upper

56 100

69 209.7 22.4 33.6#

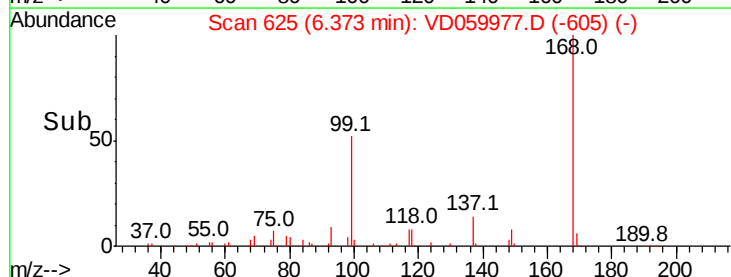
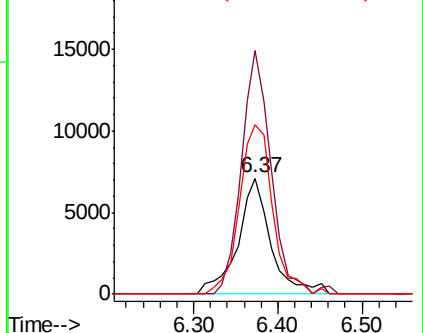
84 145.7 62.1 93.1#

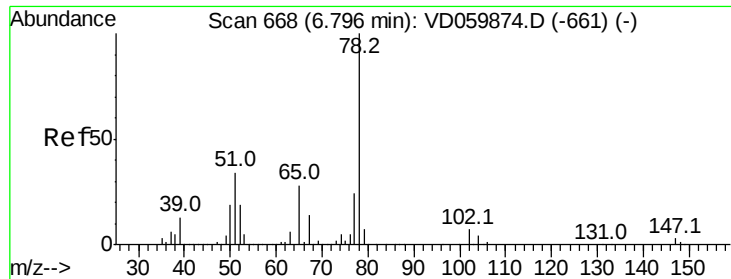


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.04 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

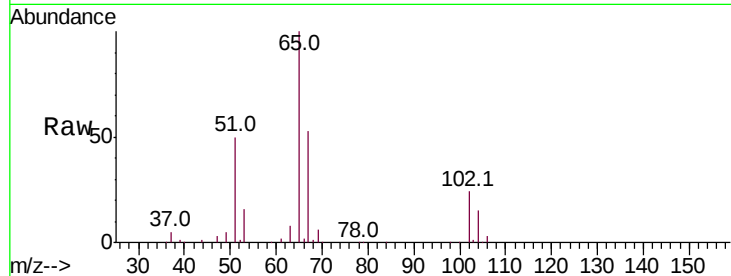
AOC10-02-BRE

Tot Ion: 65 Resp: 477803

Ion Ratio Lower Upper

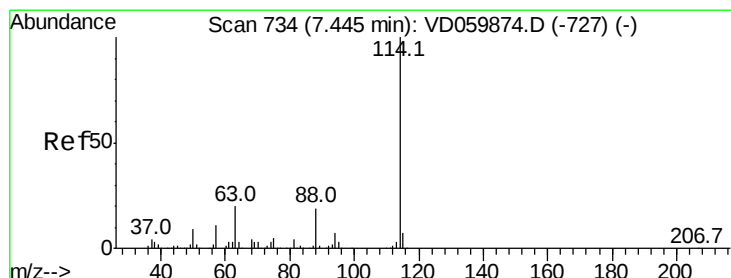
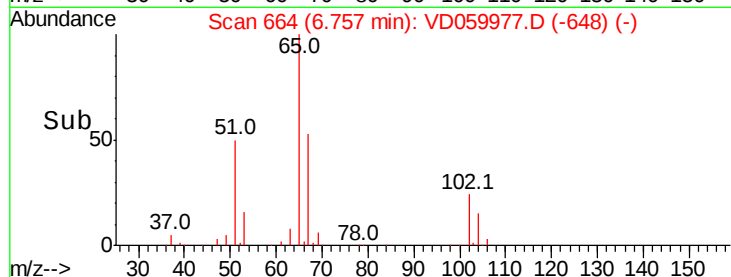
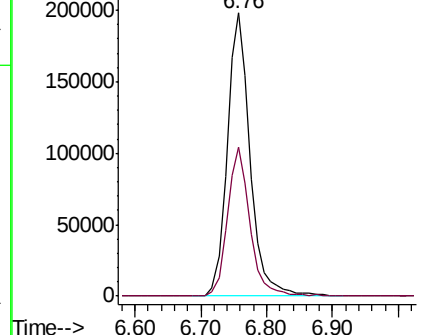
65 100

67 52.6 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

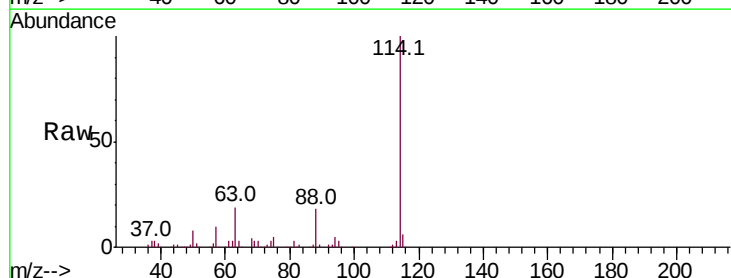
Tgt Ion: 114 Resp: 1267529

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.4

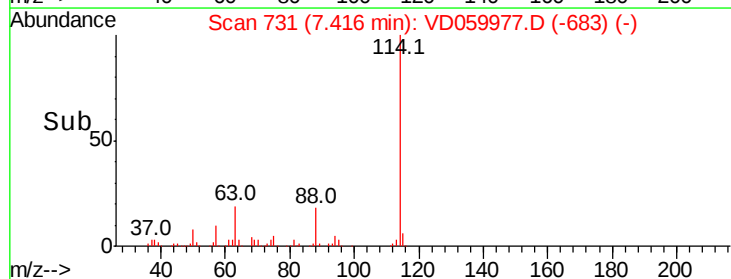
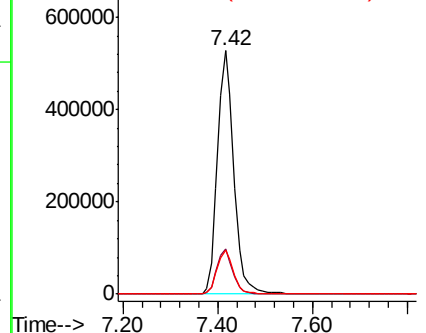
88 18.2 0.0 37.6

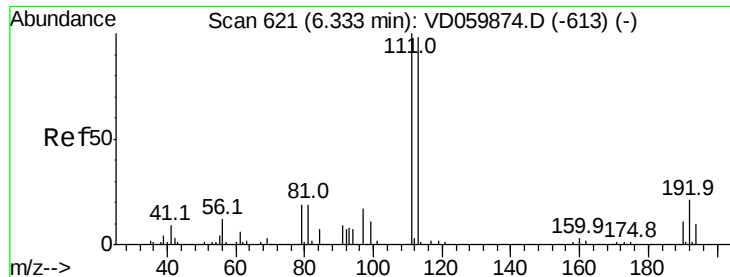


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

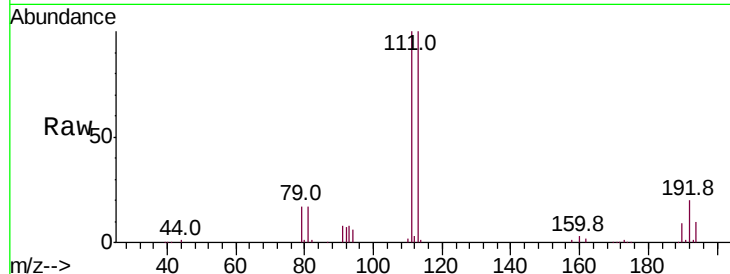




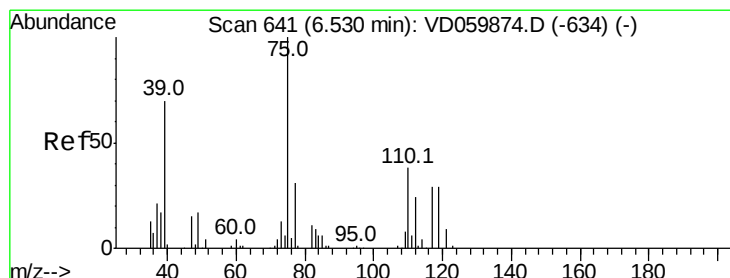
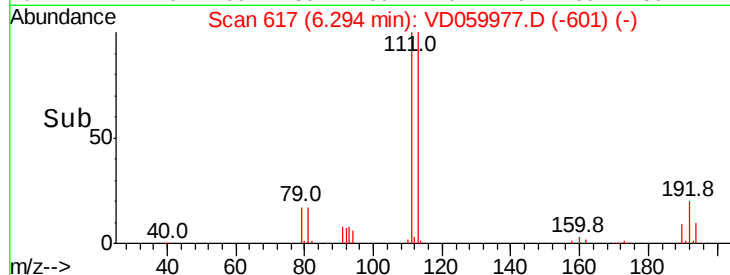
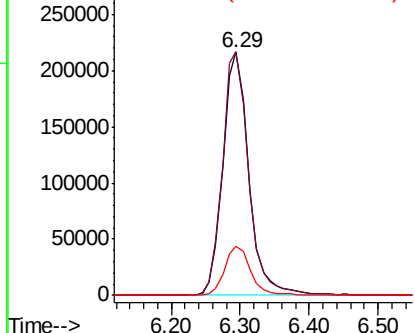
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059977.D
 Acq: 5 Sep 2018 18:59

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC10-02-BRE

Tot Ion:113 Resp: 564868
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.4 122.2
 192 20.3 17.0 25.6

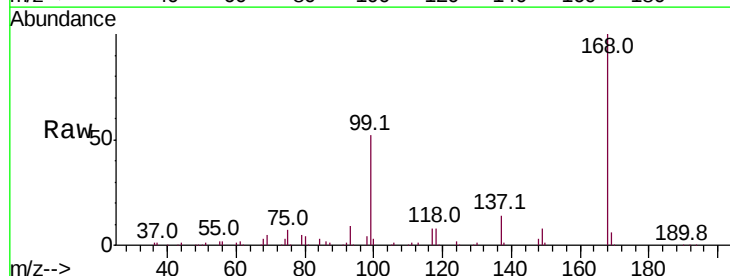


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

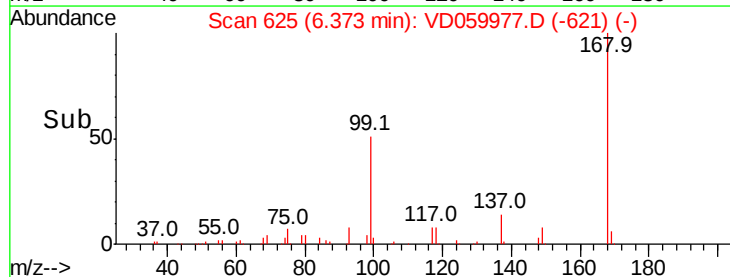
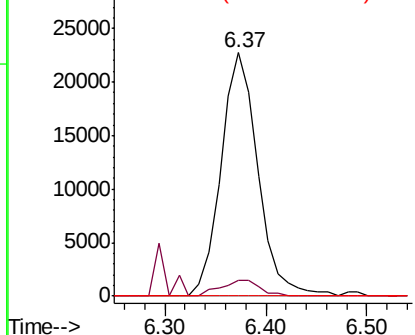


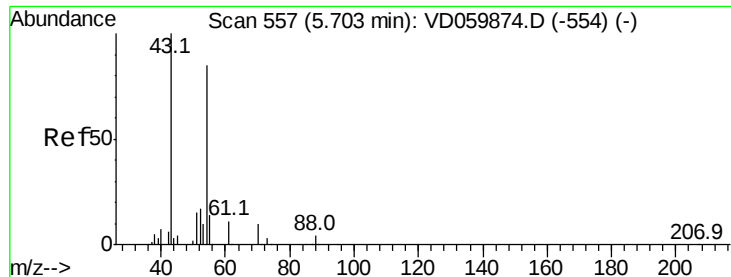
#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.16 min
 Lab File: VD059977.D
 Acq: 5 Sep 2018 18:59

Tgt Ion: 75 Resp: 57880
 Ion Ratio Lower Upper
 75 100
 110 6.4 18.6 56.0#
 77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 4.775 ug/l

RT: 5.60 min Scan# 546

Delta R.T. -0.11 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-BRE

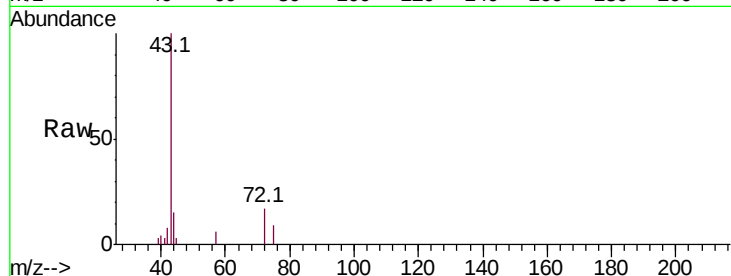
Tot Ion: 43 Resp: 42691

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

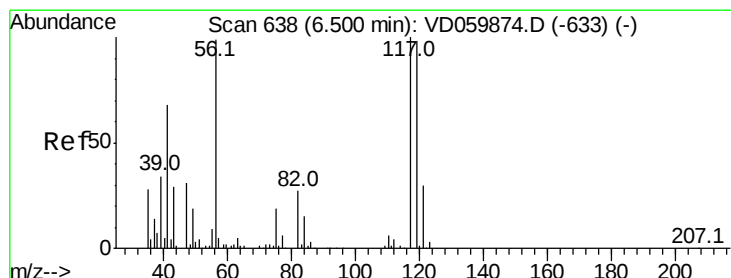
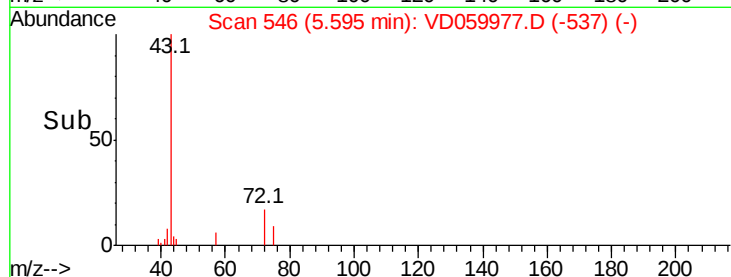
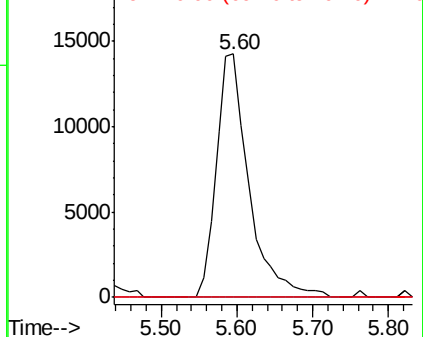
70 0.0 5.7 8.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.833 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.13 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

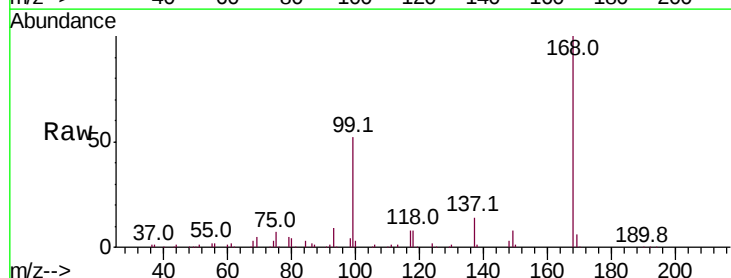
Tgt Ion: 117 Resp: 67636

Ion Ratio Lower Upper

117 100

119 4.3 77.2 115.8#

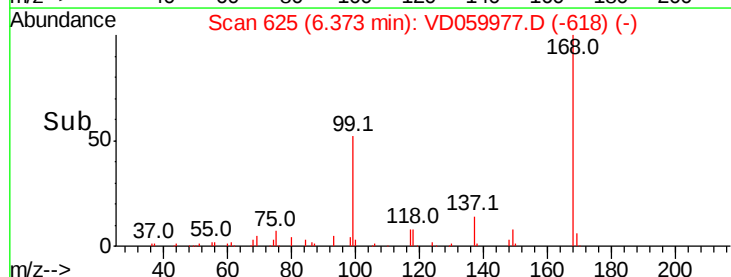
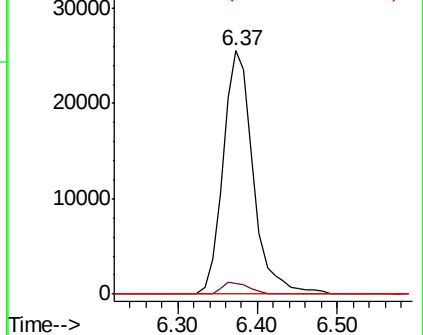
121 0.0 24.0 36.0#

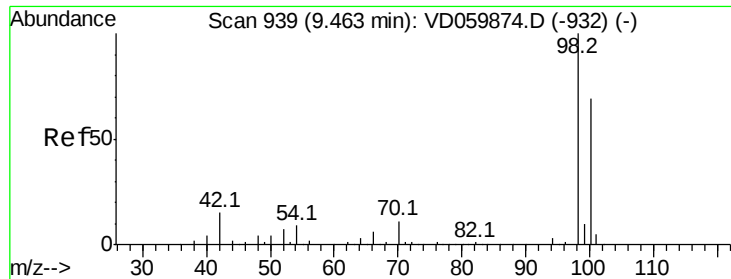


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

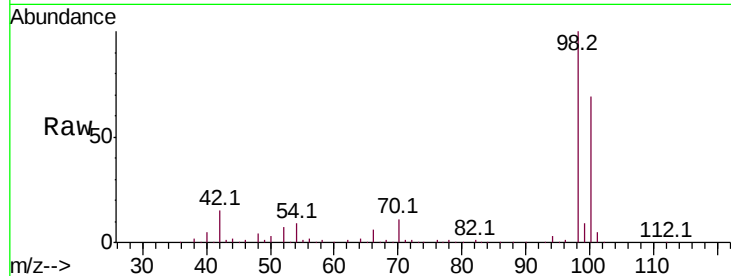
AOC10-02-BRE

Tot Ion: 98 Resp: 1343759

Ion Ratio Lower Upper

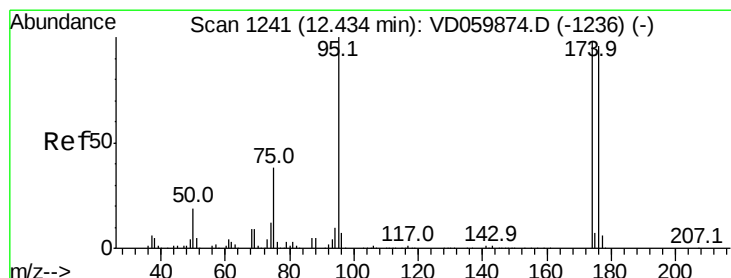
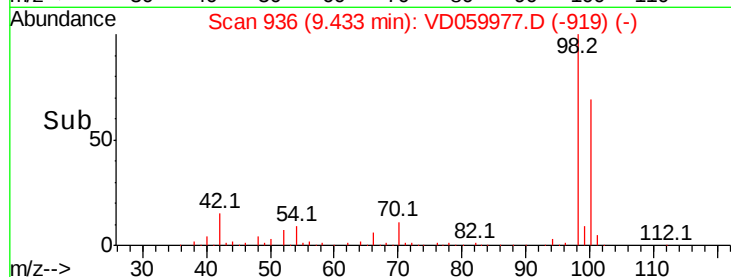
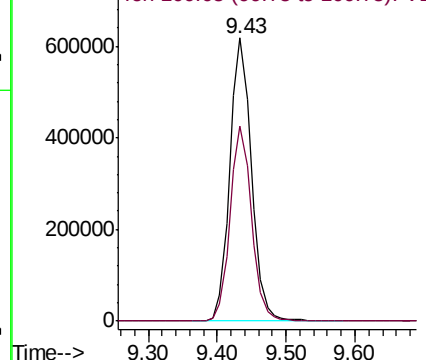
98 100

100 68.8 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

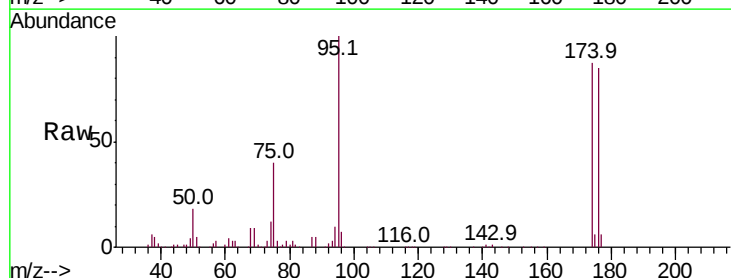
Tgt Ion: 95 Resp: 394908

Ion Ratio Lower Upper

95 100

174 87.1 0.0 195.6

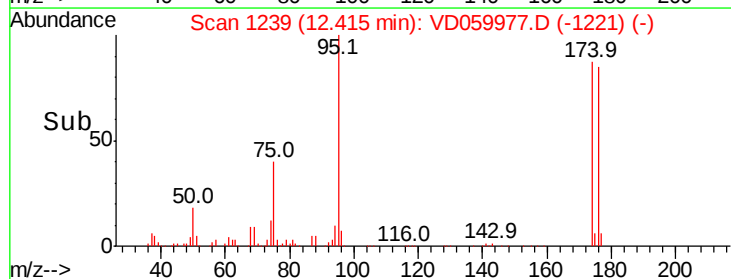
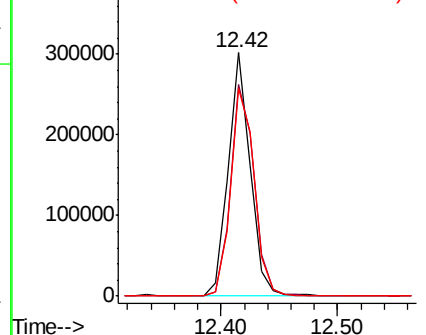
176 85.1 0.0 191.2

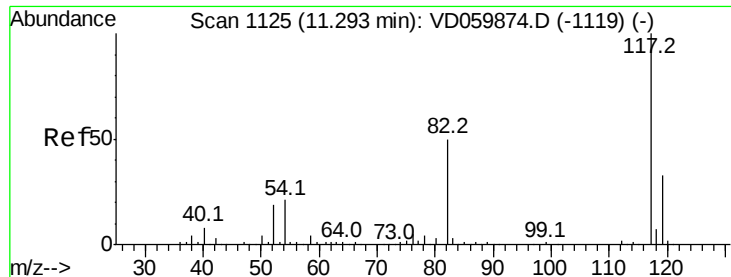


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-BRE

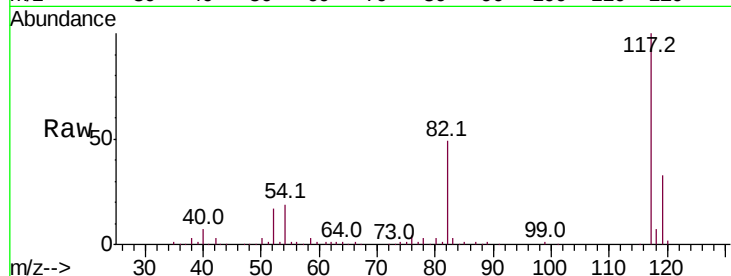
Tot Ion:117 Resp: 865251

Ion Ratio Lower Upper

117 100

82 49.1 40.1 60.1

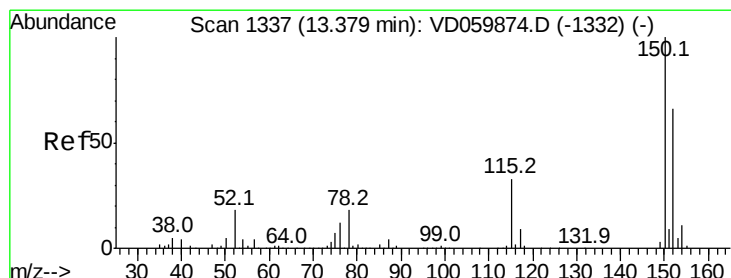
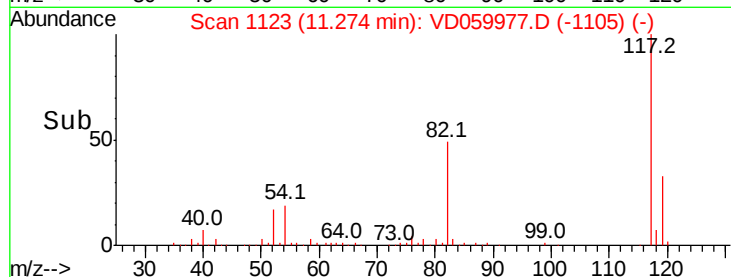
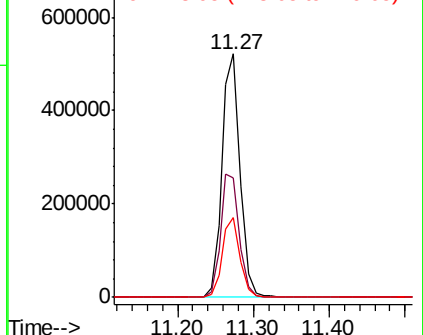
119 32.5 26.7 40.1



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

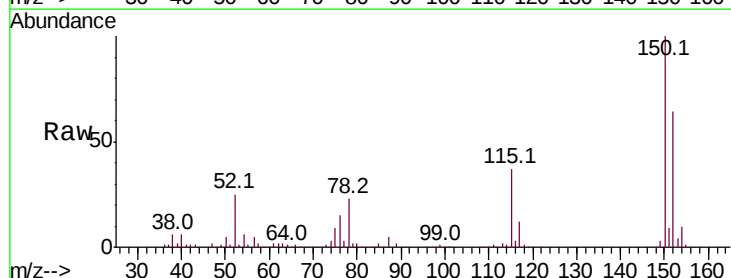
Tgt Ion:152 Resp: 268359

Ion Ratio Lower Upper

152 100

115 57.7 25.7 77.0

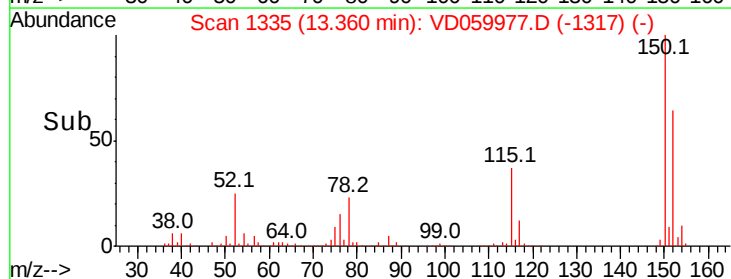
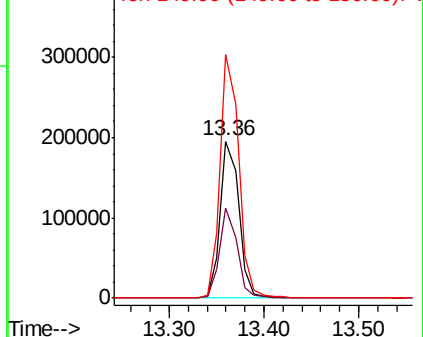
150 155.3 0.0 310.2

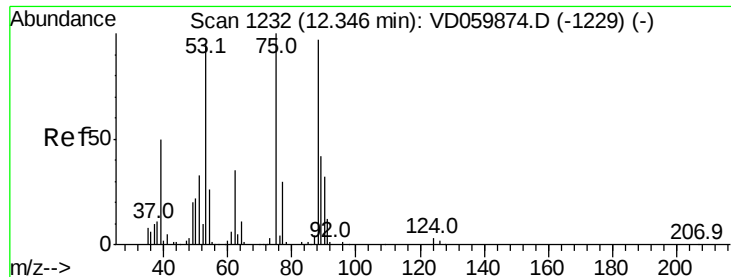


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 119.525 ug/l

RT: 12.42 min Scan# 1239

Delta R.T. 0.07 min

Lab File: VD059977.D

Acq: 5 Sep 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

AOC10-02-BRE

Tot Ion: 75 Resp: 155074

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 33.6 50.4#

