

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059929.D
 Acq On : 31 Aug 2018 11:57
 Operator : JC/SY
 Sample : VD0831SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

Quant Time: Aug 31 14:34:01 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	6.39	168	1356869	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1835707	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1522331	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	816651	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	604523	52.86	ug/l	-0.03
Spiked Amount			Recovery	=	105.72%	
35) Dibromofluoromethane	6.30	113	765927	53.22	ug/l	-0.03
Spiked Amount			Recovery	=	106.44%	
50) Toluene-d8	9.44	98	2191703	54.87	ug/l	-0.02
Spiked Amount			Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.41	95	834166	51.42	ug/l	-0.02
Spiked Amount			Recovery	=	102.84%	

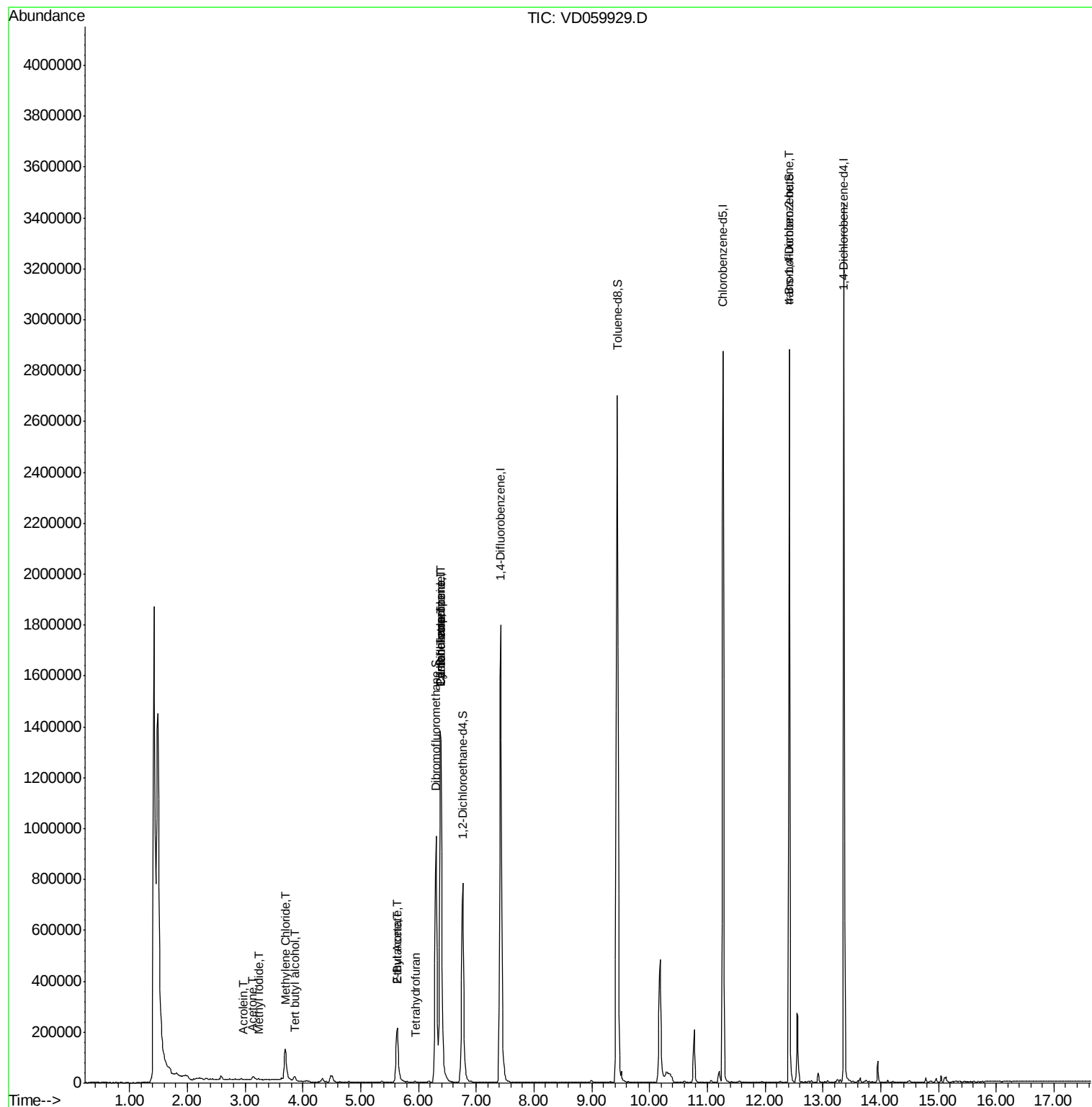
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.22	142	3854	4.017	ug/l #	77
11) Tert butyl alcohol	3.85	59	15021	17.214	ug/l #	75
13) Acrolein	2.98	56	975	2.576	ug/l #	82
16) Acetone	3.14	43	22885	10.984	ug/l #	89
20) Methylene Chloride	3.70	84	69103	1.347	ug/l	98
25) 2-Butanone	5.63	43	19782	3.206	ug/l #	85
29) Tetrahydrofuran	5.95	42	4001	1.362	ug/l #	68
31) Cyclohexane	6.38	56	29987	1.377	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	104386	6.273	ug/l #	46
37) Ethyl Acetate	5.63	43	19782	1.528	ug/l #	11
38) Carbon Tetrachloride	6.38	117	112375	6.692	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.41	75	344672	87.298	ug/l #	12
89) n-Butylbenzene	13.64	91	3438	Below Cal		98

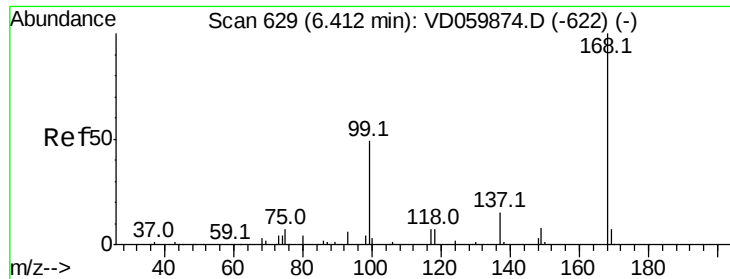
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059929.D
Acq On : 31 Aug 2018 11:57
Operator : JC/SY
Sample : VD0831SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

Quant Time: Aug 31 14:34:01 2018
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



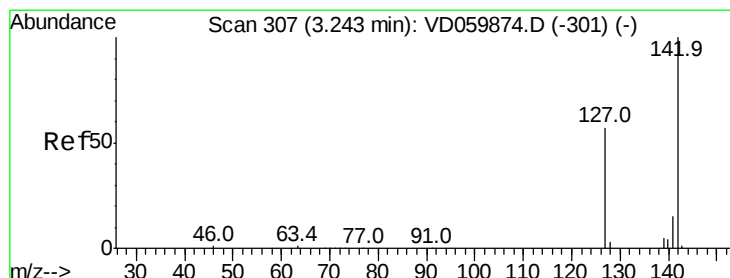
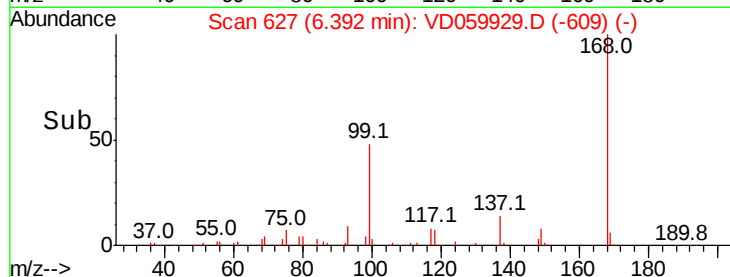
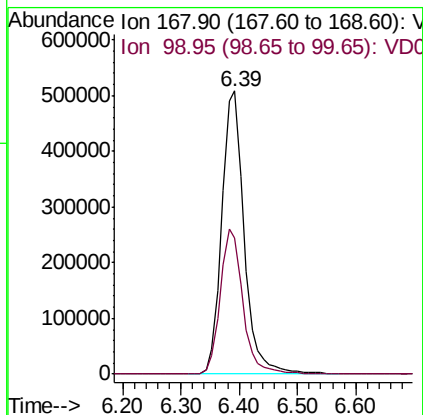
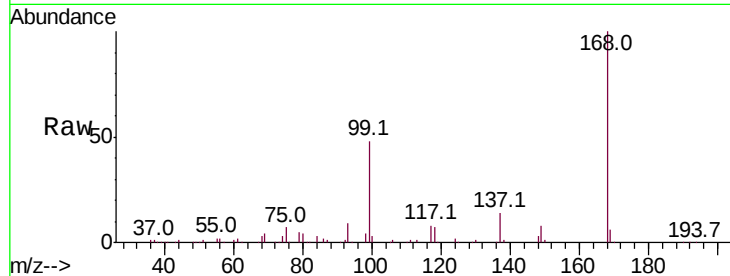


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.39 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

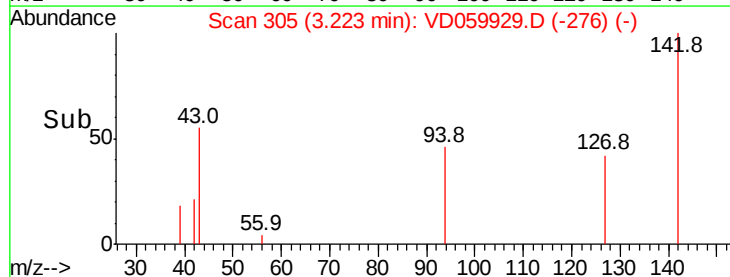
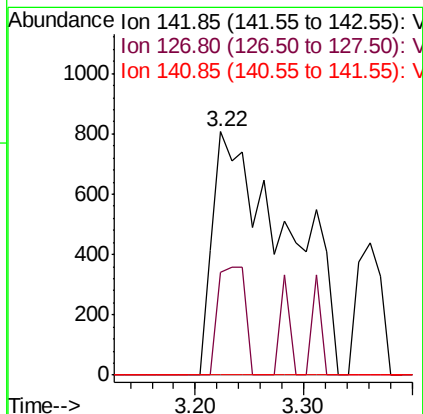
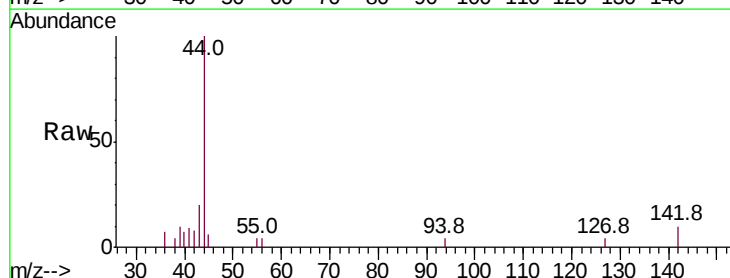
Tot Ion:168 Resp: 1356869
 Ion Ratio Lower Upper
 168 100
 99 48.0 42.2 63.2

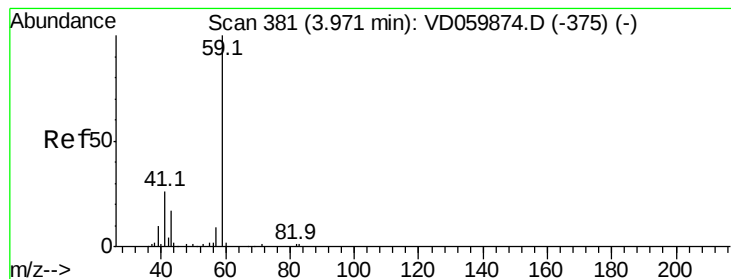


#10

Methyl Iodide
 Concen: 4.017 ug/l
 RT: 3.22 min Scan# 305
 Delta R.T. -0.02 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

Tgt Ion:142 Resp: 3854
 Ion Ratio Lower Upper
 142 100
 127 42.3 45.8 68.6#
 141 0.0 11.6 17.4#



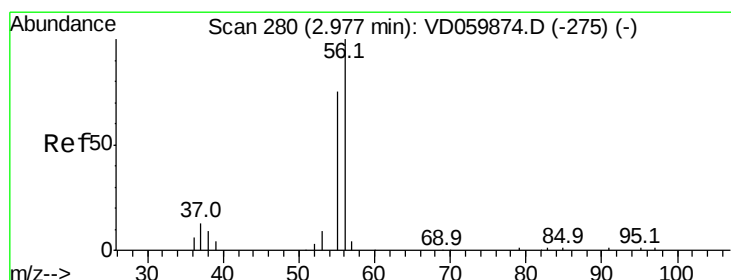
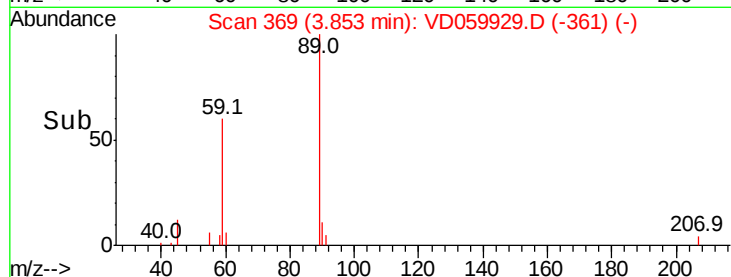
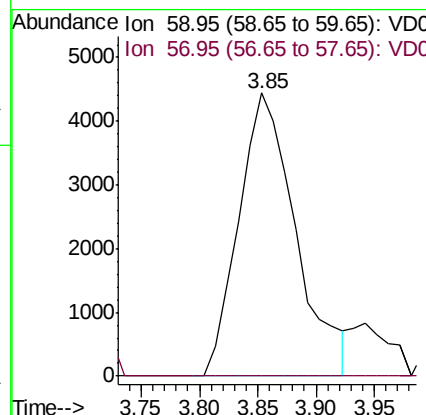
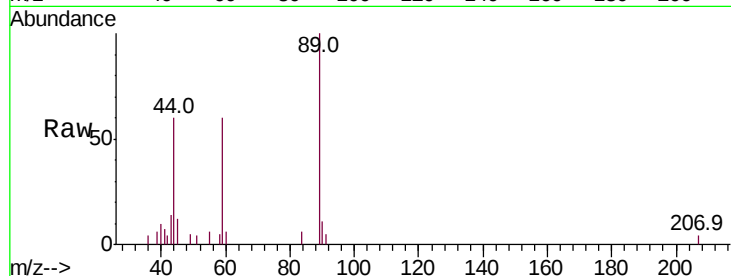


#11

Tert butyl alcohol
 Concen: 17.214 ug/l
 RT: 3.85 min Scan# 369
 Delta R.T. -0.12 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

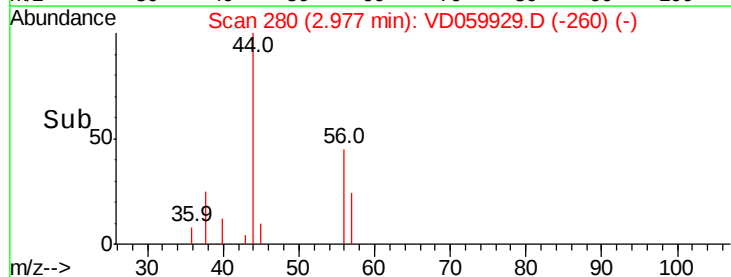
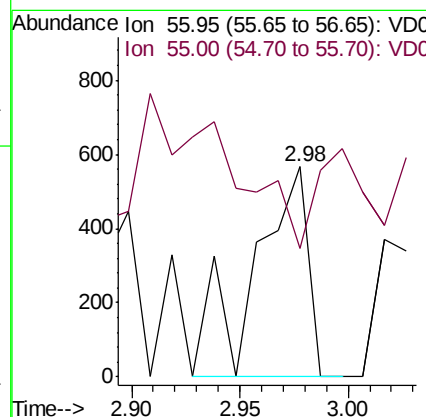
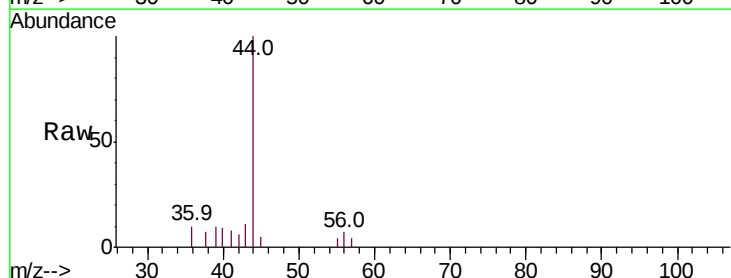
Tot Ion: 59 Resp: 15021
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.0#

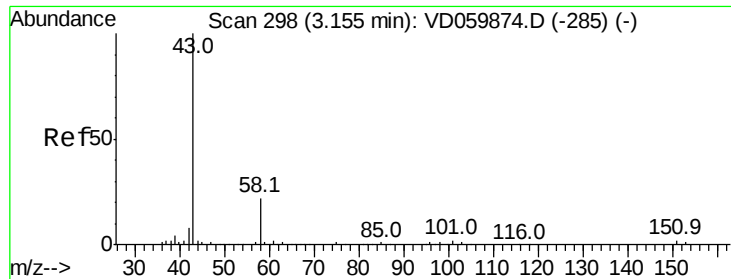


#13

Acrolein
 Concen: 2.576 ug/l
 RT: 2.98 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VD059929.D
 Acq: 31 Aug 2018 11:57

Tgt Ion: 56 Resp: 975
 Ion Ratio Lower Upper
 56 100
 55 61.4 61.9 92.9#





#16

Acetone

Concen: 10.984 ug/l

RT: 3.14 min Scan# 297

Delta R.T. -0.01 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

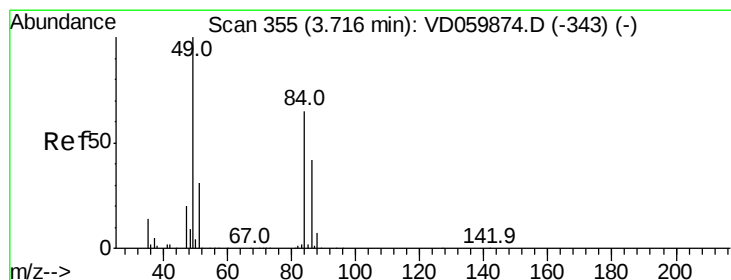
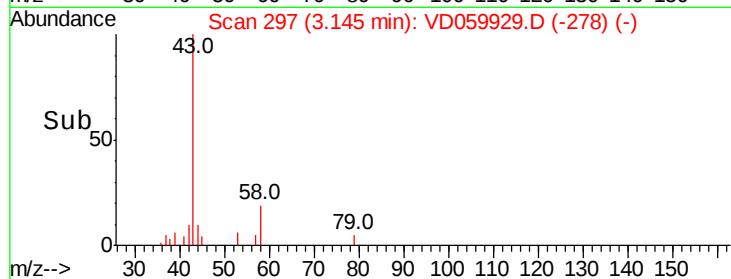
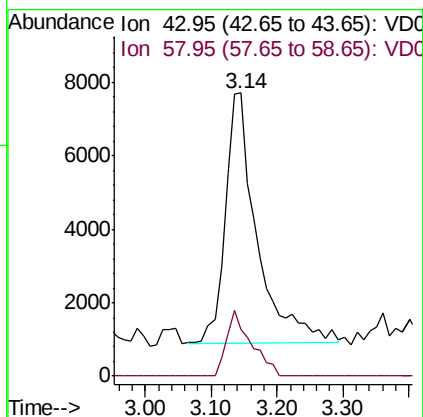
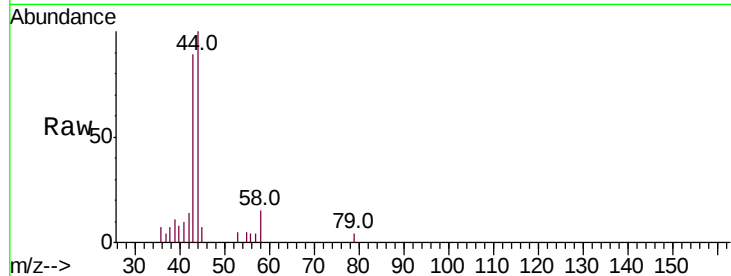
VD0831SBL01

Tot Ion: 43 Resp: 22885

Ion Ratio Lower Upper

43 100

58 16.6 17.6 26.4#



#20

Methylene Chloride

Concen: 1.347 ug/l

RT: 3.70 min Scan# 353

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Tgt Ion: 84 Resp: 69103

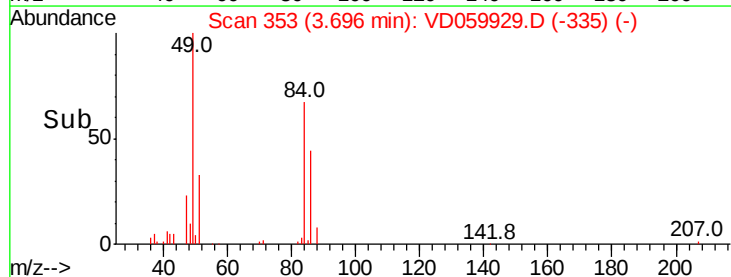
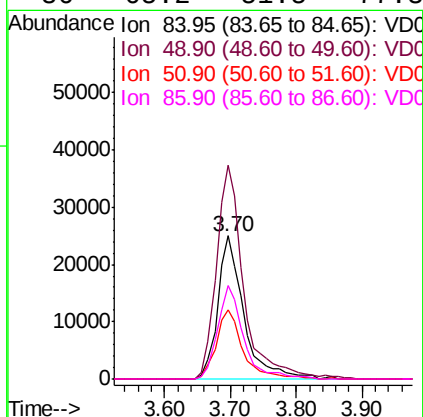
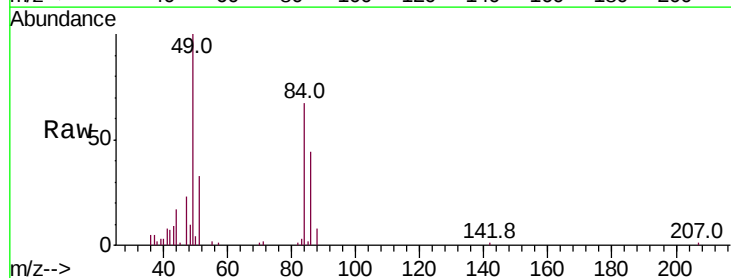
Ion Ratio Lower Upper

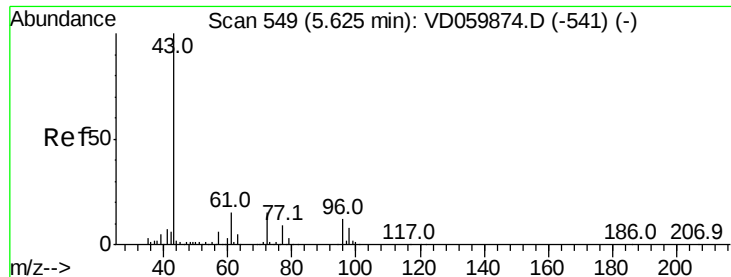
84 100

49 149.2 122.6 183.8

51 48.7 38.4 57.6

86 65.2 51.5 77.3





#25

2-Butanone

Concen: 3.206 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

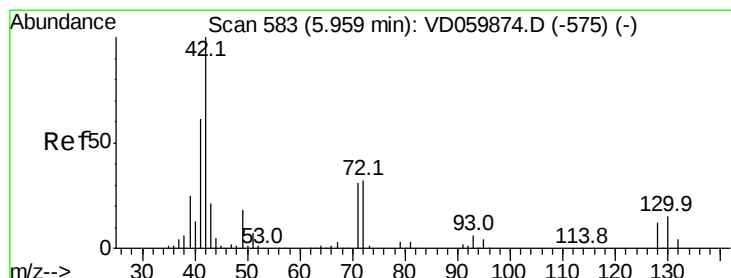
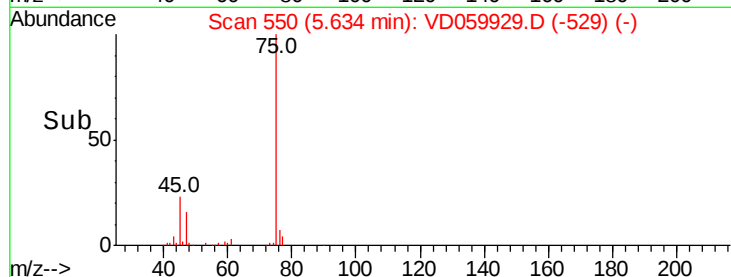
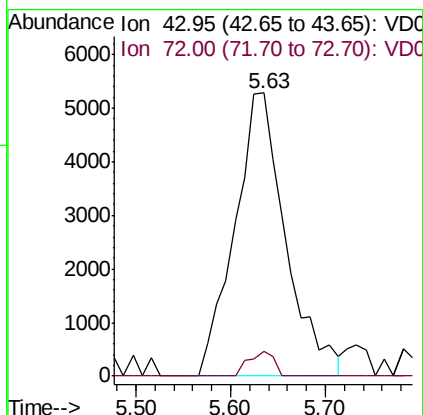
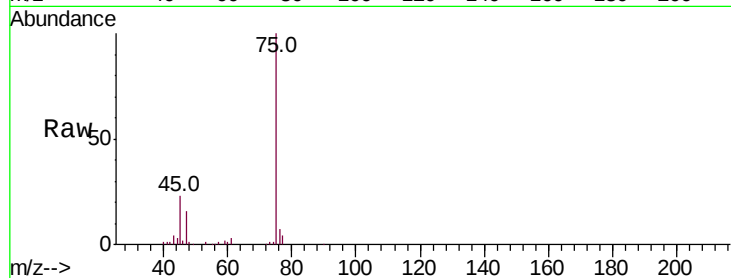
VD0831SBL01

Tot Ion: 43 Resp: 19782

Ion Ratio Lower Upper

43 100

72 9.0 12.3 18.5#



#29

Tetrahydrofuran

Concen: 1.362 ug/l

RT: 5.95 min Scan# 582

Delta R.T. -0.01 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

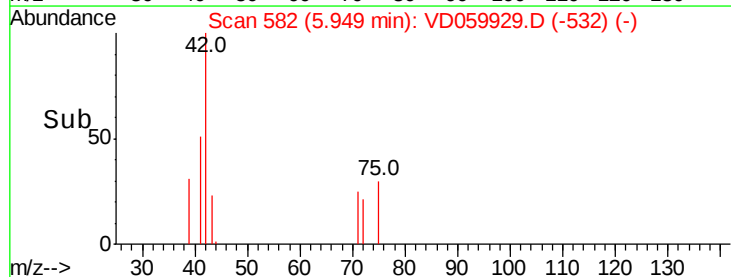
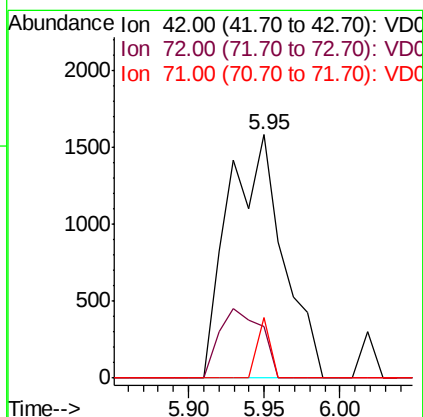
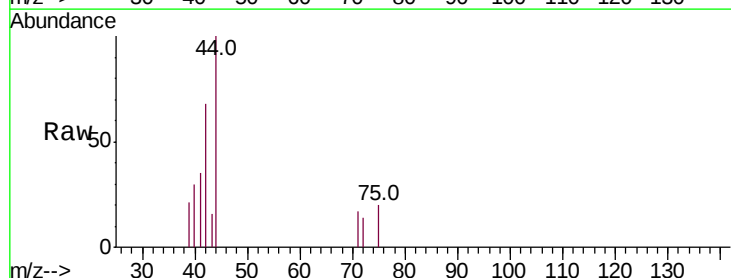
Tgt Ion: 42 Resp: 4001

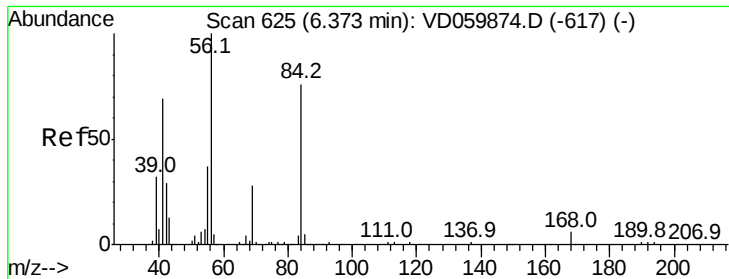
Ion Ratio Lower Upper

42 100

72 21.7 25.7 38.5#

71 5.8 25.3 37.9#

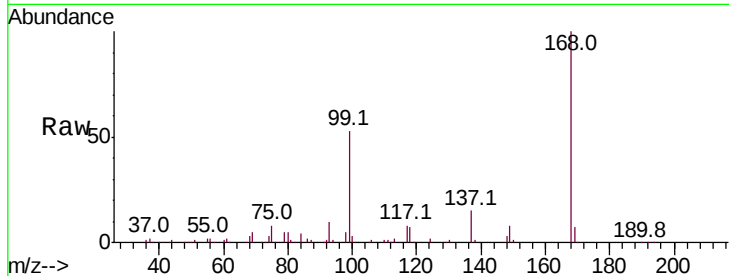




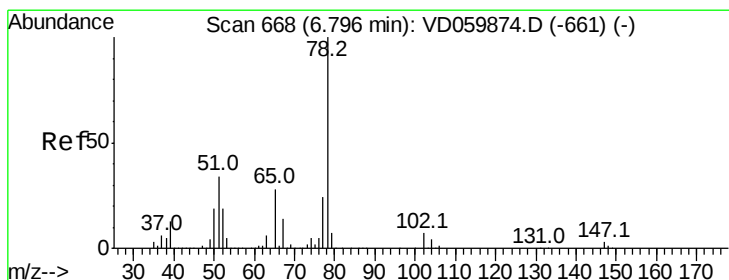
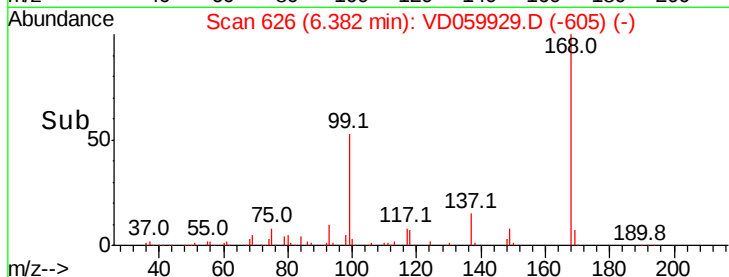
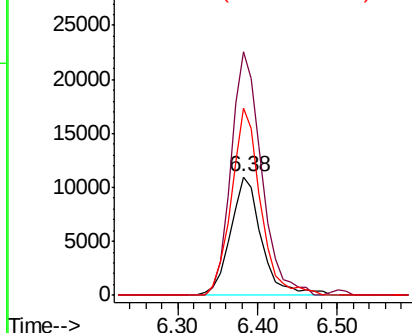
#31
Cvclohexane
Concen: 1.377 ug/l
RT: 6.38 min Scan# 626
Delta R.T. 0.01 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

Tot Ion: 56 Resp: 29987
Ion Ratio Lower Upper
56 100
69 205.6 22.4 33.6#
84 158.2 62.1 93.1#

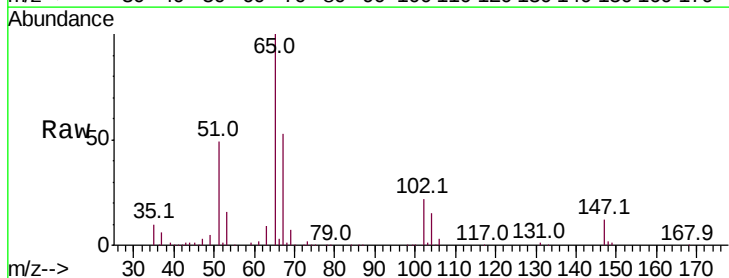


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

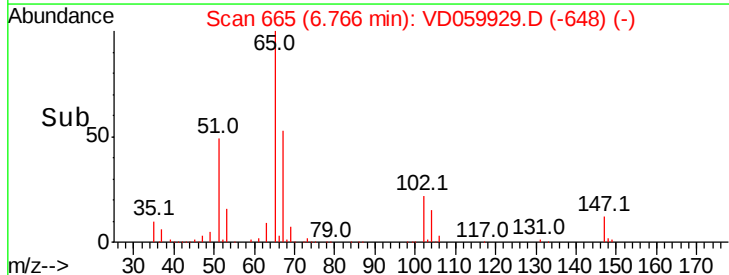
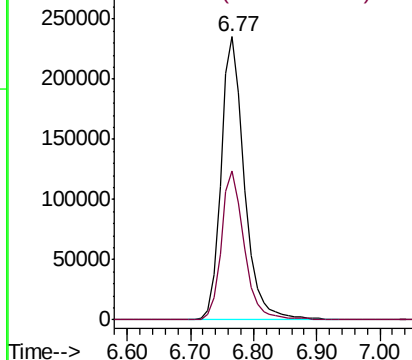


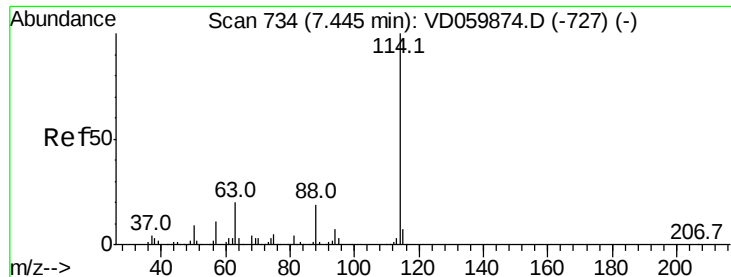
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.03 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

Tgt Ion: 65 Resp: 604523
Ion Ratio Lower Upper
65 100
67 52.5 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: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

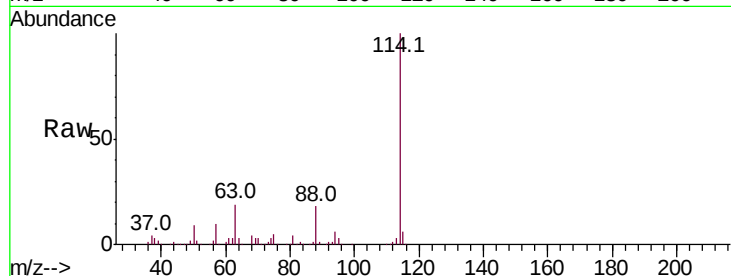
Tot Ion:114 Resp: 1835707

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

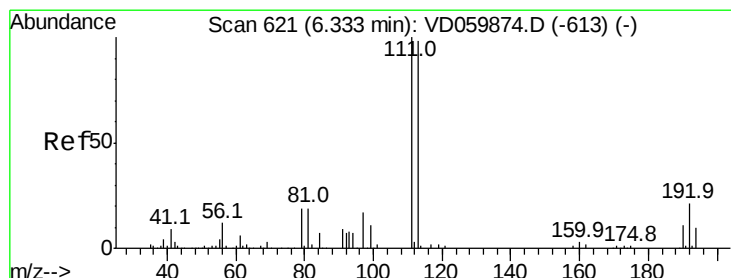
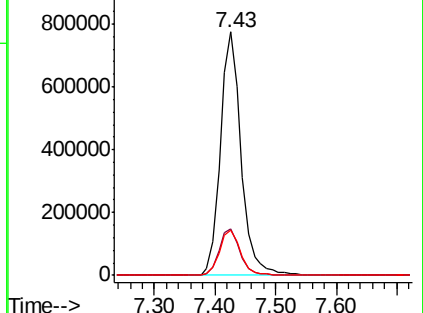
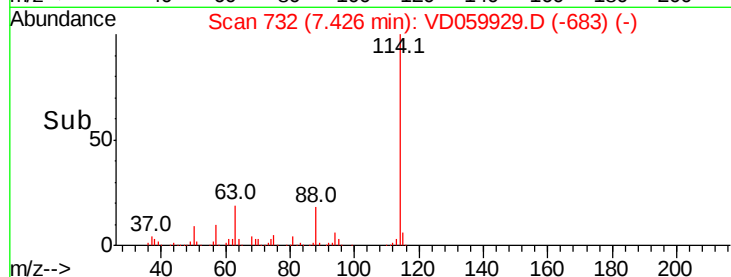
88 18.4 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 618

Delta R.T. -0.03 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

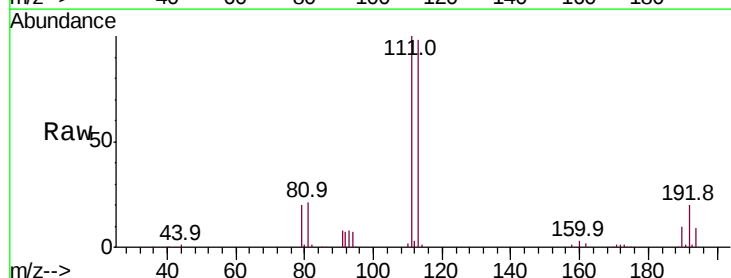
Tgt Ion:113 Resp: 765927

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

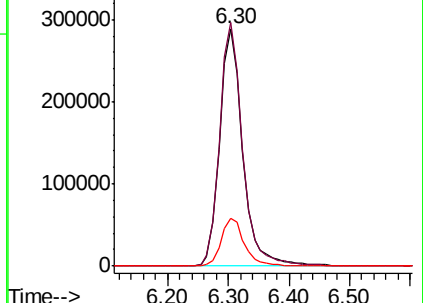
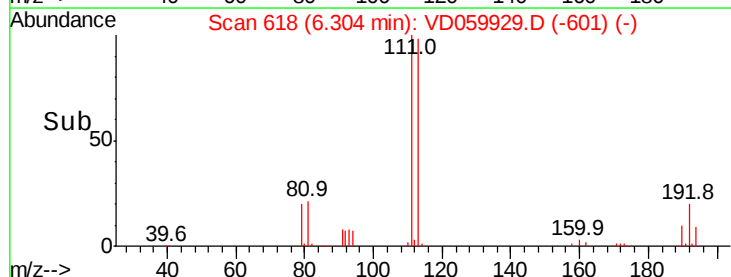
192 20.2 17.0 25.6

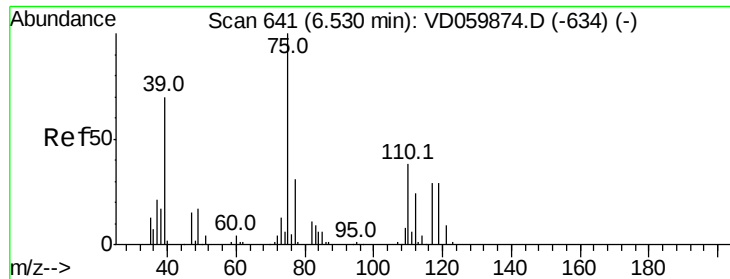


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.273 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.15 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

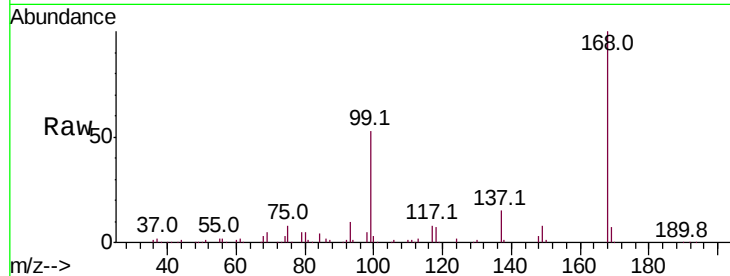
Tot Ion: 75 Resp: 104386

Ion Ratio Lower Upper

75 100

110 6.3 18.6 56.0#

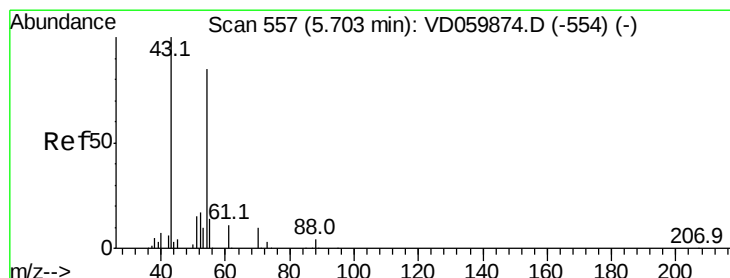
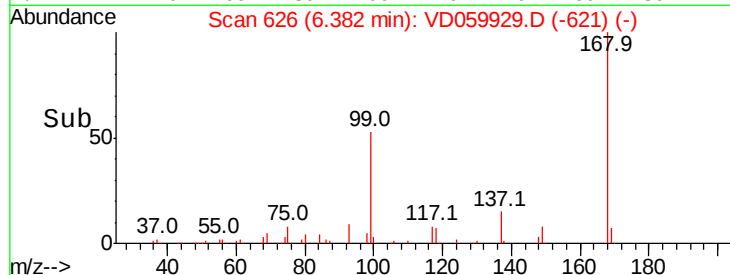
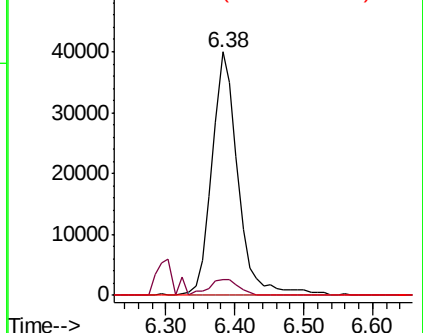
77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 1.528 ug/l

RT: 5.63 min Scan# 550

Delta R.T. -0.07 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

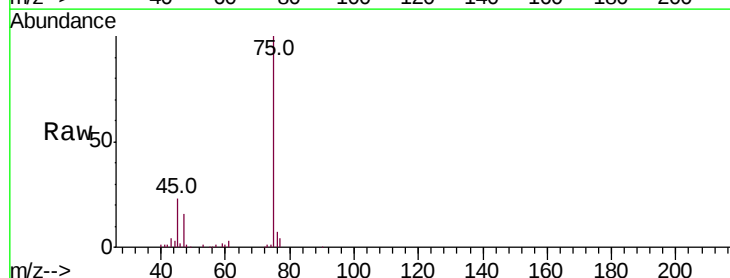
Tgt Ion: 43 Resp: 19782

Ion Ratio Lower Upper

43 100

61 64.1 11.0 16.6#

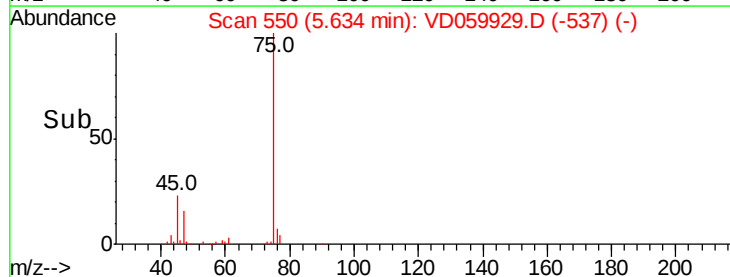
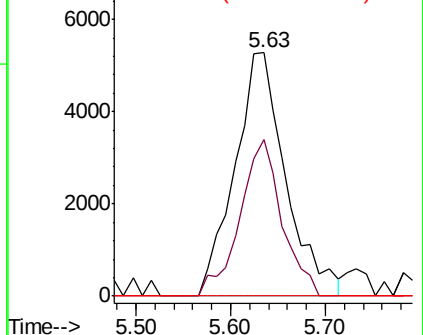
70 0.0 5.7 8.5#

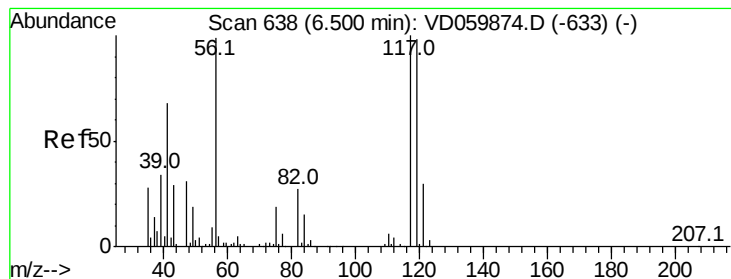


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 6.692 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.12 min

Lab File: VD059929.D

Acq: 31 Aug 2018 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

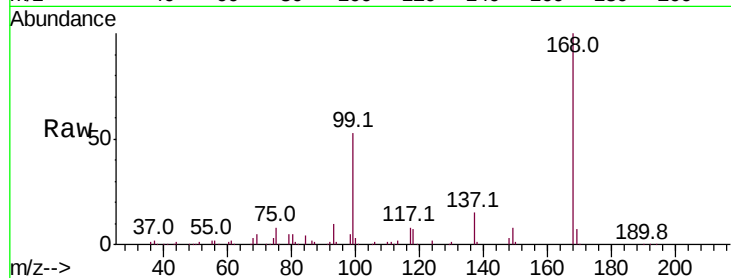
Tot Ion:117 Resp: 112375

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

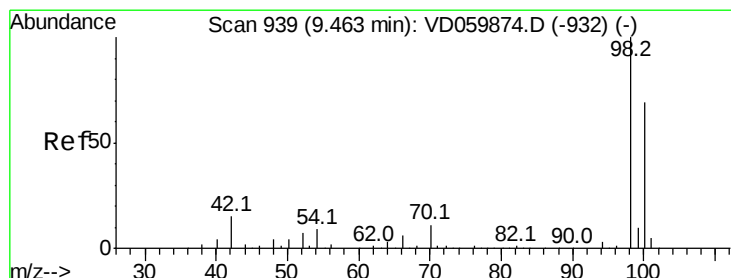
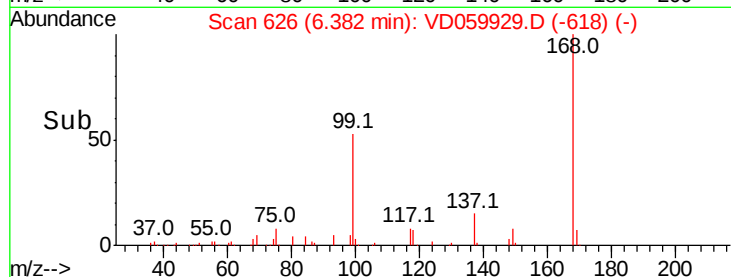
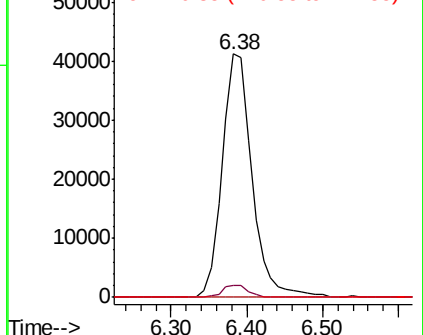
121 0.0 24.0 36.0#



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: 9.44 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059929.D

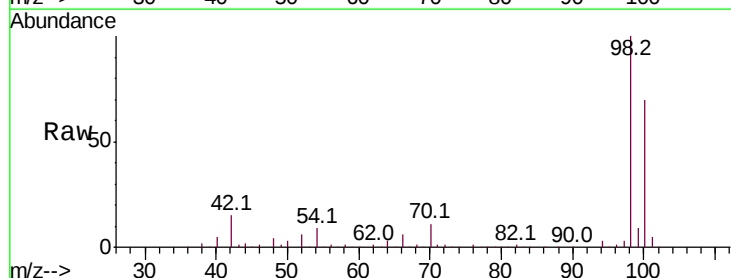
Acq: 31 Aug 2018 11:57

Tgt Ion: 98 Resp: 2191703

Ion Ratio Lower Upper

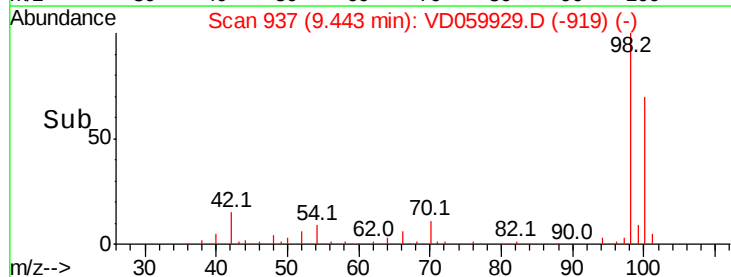
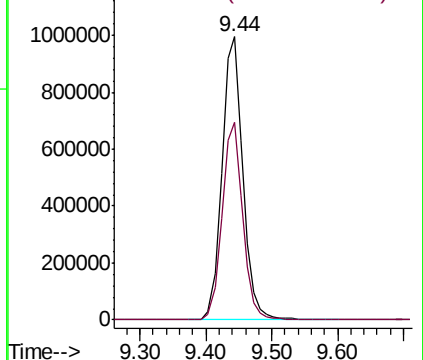
98 100

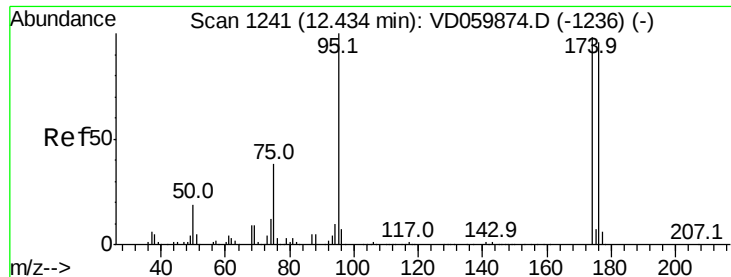
100 69.9 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

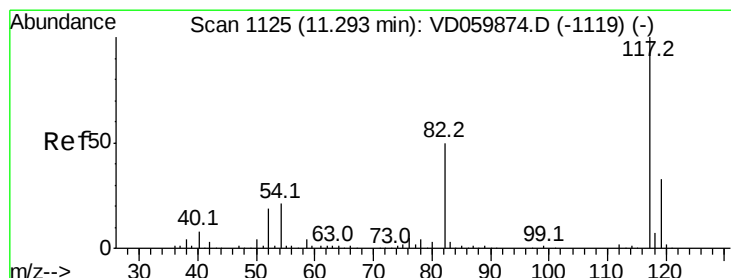
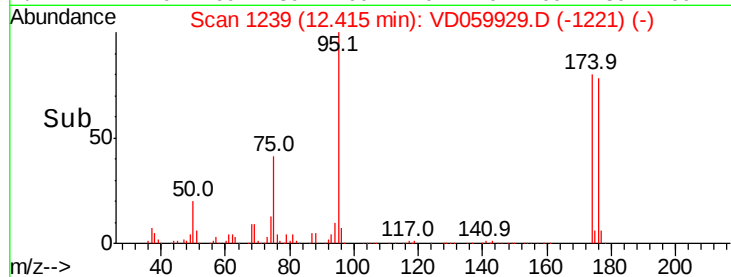
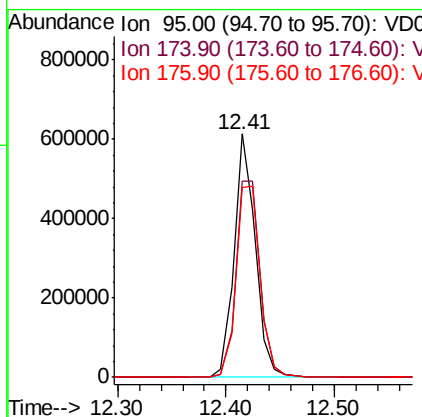
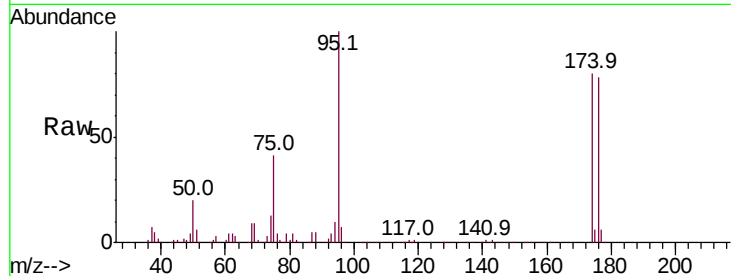




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.41 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

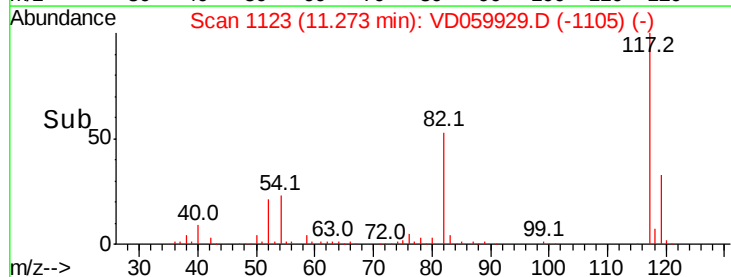
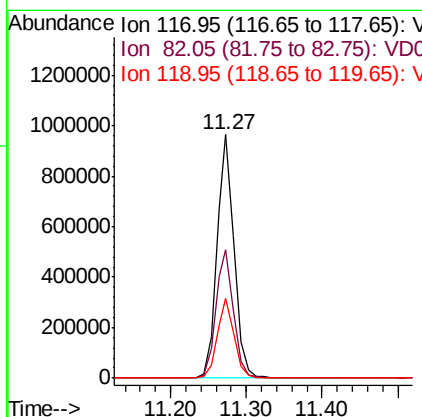
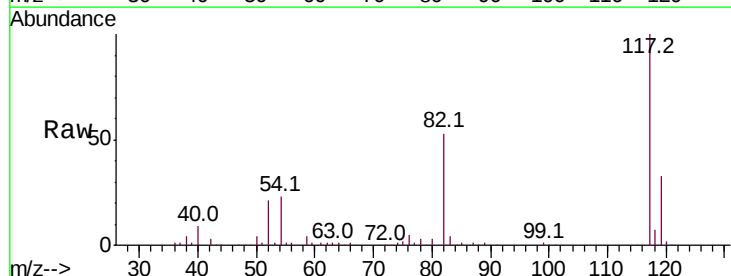
Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

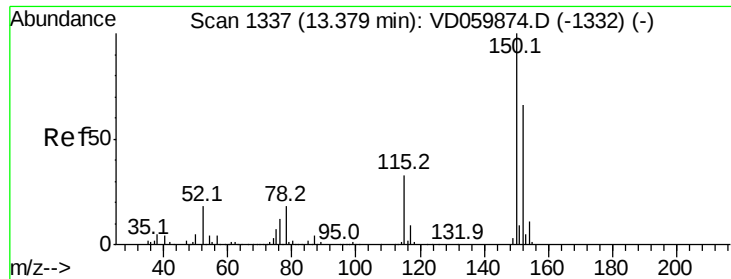
Tot Ion: 95 Resp: 834166
Ion Ratio Lower Upper
95 100
174 80.4 0.0 195.6
176 78.0 0.0 191.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

Tgt Ion: 117 Resp: 1522331
Ion Ratio Lower Upper
117 100
82 52.9 40.1 60.1
119 32.6 26.7 40.1



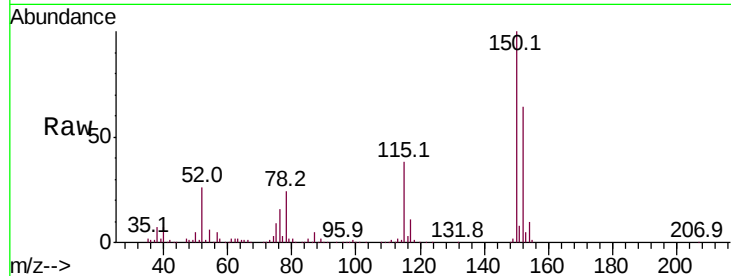


#72

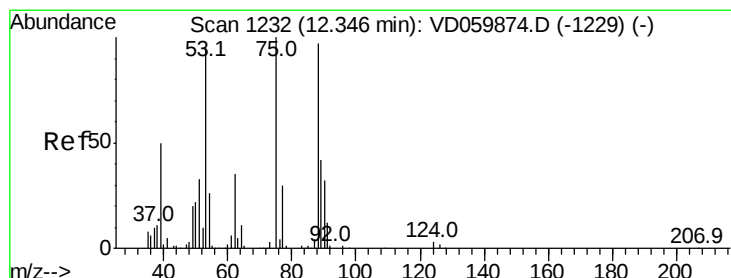
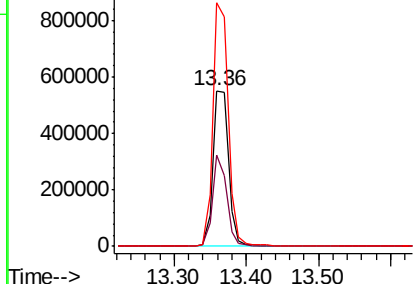
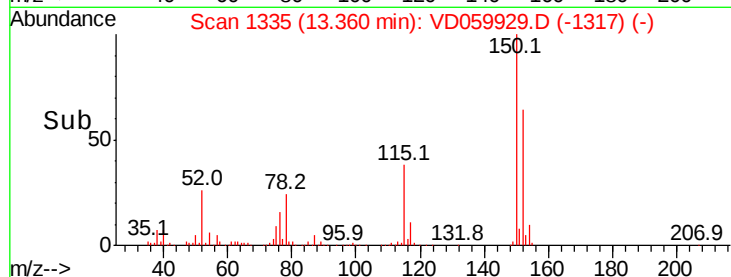
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

Tot Ion:152 Resp: 816651
Ion Ratio Lower Upper
152 100
115 58.7 25.7 77.0
150 156.5 0.0 310.2



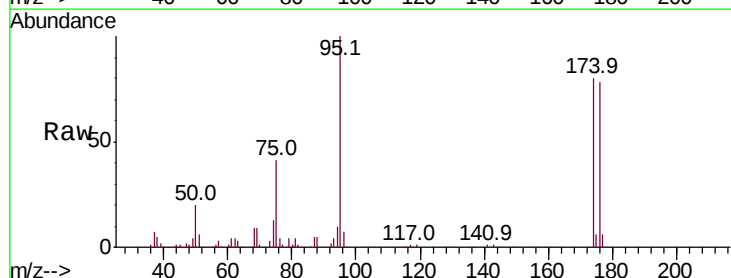
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 87.298 ug/l
RT: 12.41 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059929.D
Acq: 31 Aug 2018 11:57

Tgt Ion: 75 Resp: 344672
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.6#
89 0.0 33.6 50.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

