

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060279.D
 Acq On : 1 Nov 2018 23:13
 Operator : VA/AP
 Sample : J5741-15
 Misc : 6.85g/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 02 02:44:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	48932	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	98291	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	90582	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	45591	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	45548	122.80	ug/l	0.03
Spiked Amount	50.000		Recovery	=	245.60%	
35) Dibromofluoromethane	6.33	113	41657	55.81	ug/l	0.03
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	9.47	98	76776	36.07	ug/l	0.03
Spiked Amount	50.000		Recovery	=	72.14%	
62) 4-Bromofluorobenzene	12.43	95	34649	43.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	86.96%	

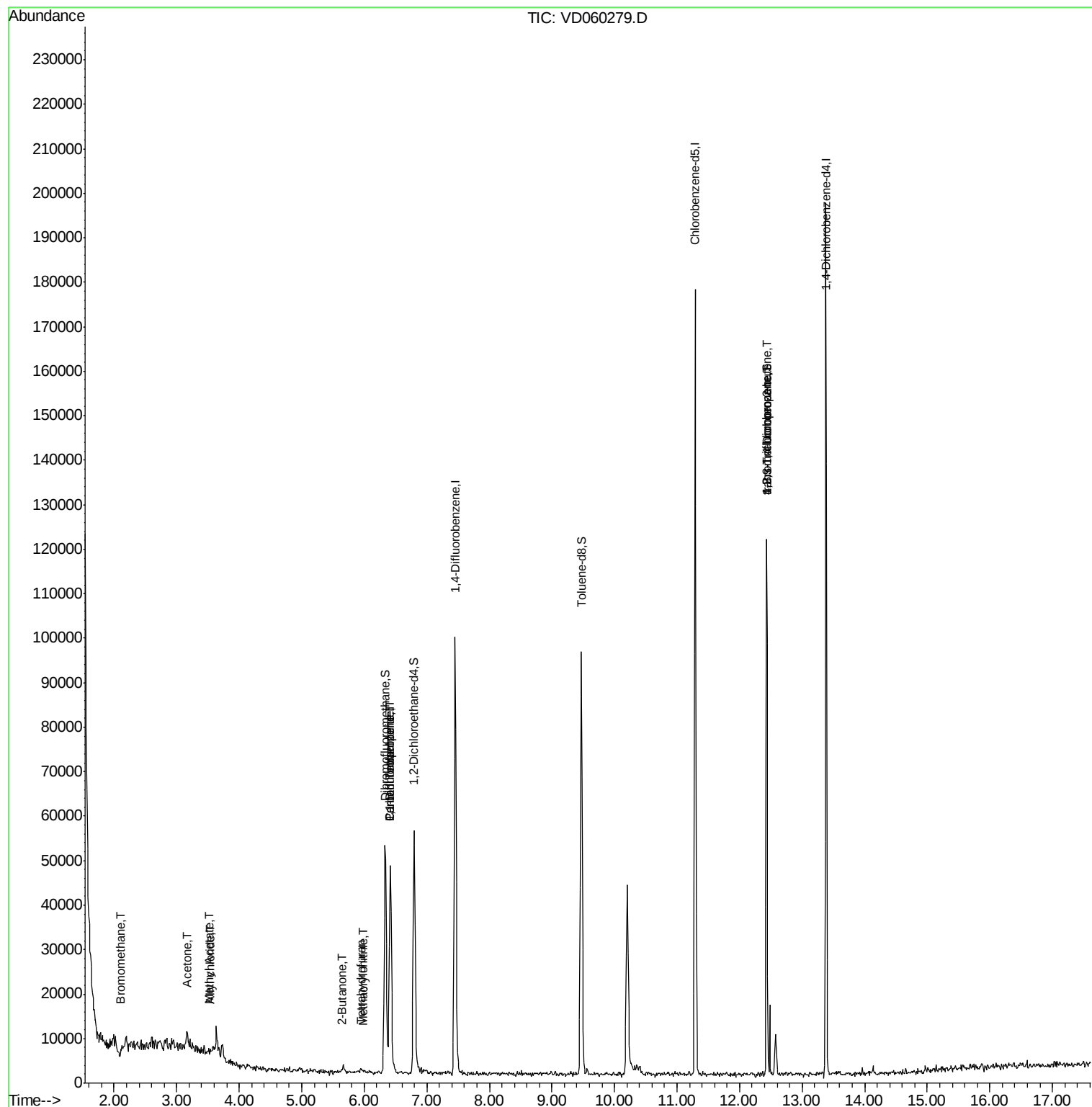
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.11	94	193	4.525	ug/l #	1
14) Allyl chloride	3.53	41	713	1.720	ug/l #	66
16) Acetone	3.16	43	8265	122.802	ug/l	99
18) Methyl Acetate	3.52	43	1046	7.231	ug/l #	63
20) Methylene Chloride	3.73	84	1780	Below Cal	#	90
25) 2-Butanone	5.63	43	251	1.493	ug/l #	59
29) Tetrahydrofuran	5.95	42	363	3.717	ug/l #	41
36) 1,1-Dichloropropene	6.41	75	3478	3.703	ug/l #	40
38) Carbon Tetrachloride	6.42	117	3363	3.945	ug/l #	11
41) Methacrylonitrile	5.99	41	408	1.158	ug/l #	44
76) 1,2,3-Trichloropropane	12.43	75	14783	22.516	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.43	75	14782	80.125	ug/l #	13

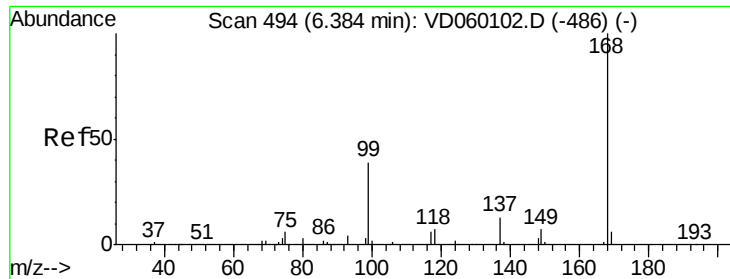
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

Instrument :

MSVOA_D

ClientSampled :

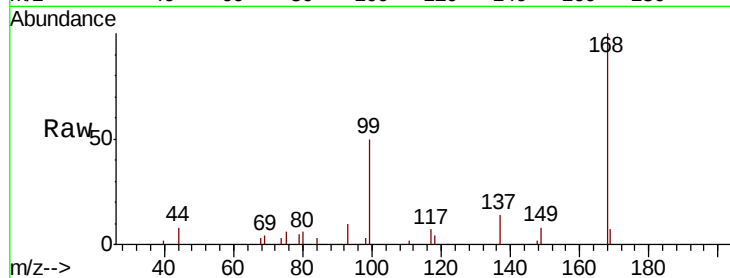
TP-4

Tgt Ion:168 Resp: 48932

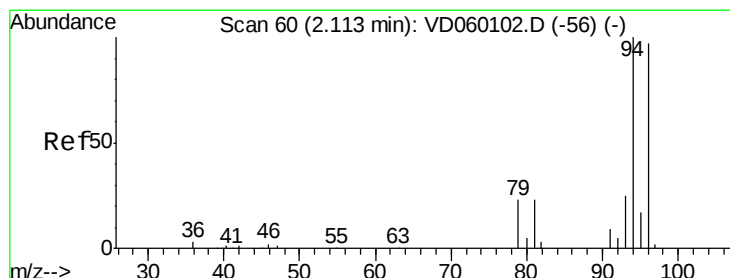
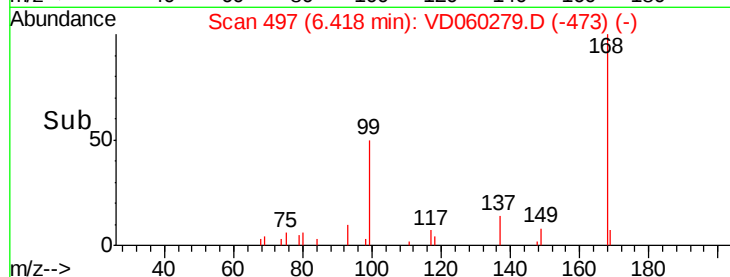
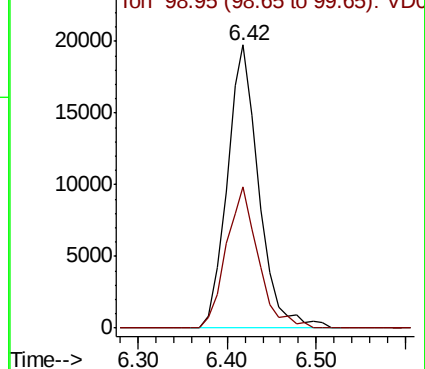
Ion Ratio Lower Upper

168 100

99 50.0 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V



#5

Bromomethane

Concen: 4.525 ug/l

RT: 2.11 min Scan# 59

Delta R.T. -0.01 min

Lab File: VD060279.D

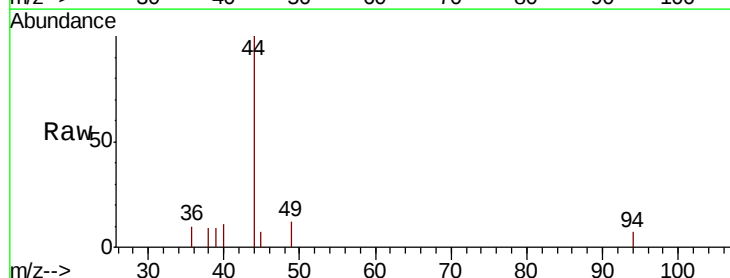
Acq: 1 Nov 2018 23:13

Tgt Ion: 94 Resp: 193

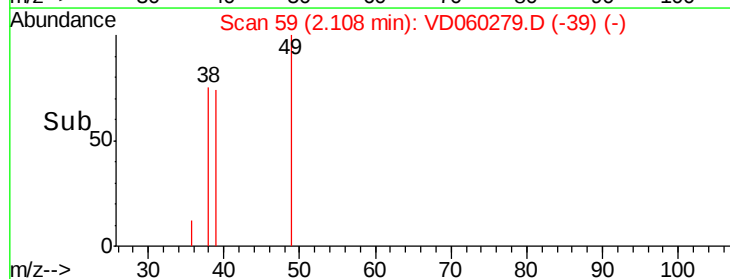
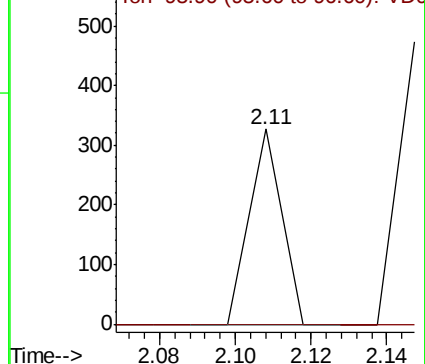
Ion Ratio Lower Upper

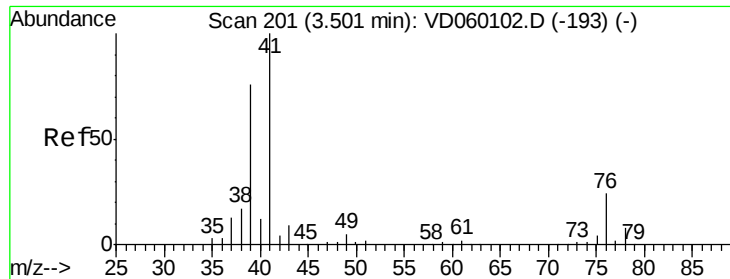
94 100

96 0.0 77.4 116.2#



Abundance Ion 93.90 (93.60 to 94.60): V





#14

Allyl chloride

Concen: 1.720 ug/l

RT: 3.53 min Scan# 204

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

Instrument :

MSVOA_D

ClientSampleId :

TP-4

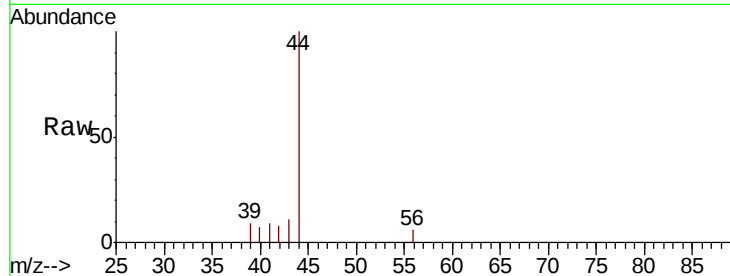
Tgt Ion: 41 Resp: 713

Ion Ratio Lower Upper

41 100

39 100.0 60.6 90.8#

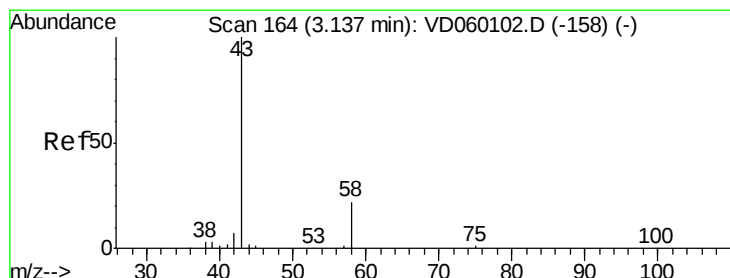
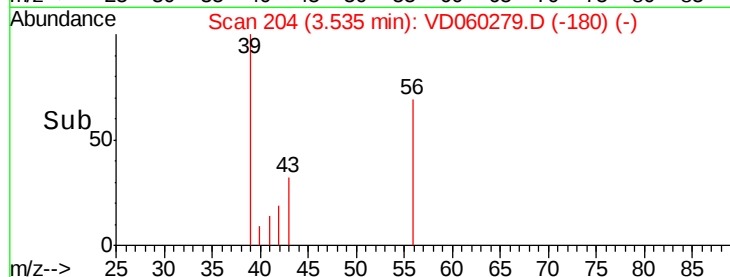
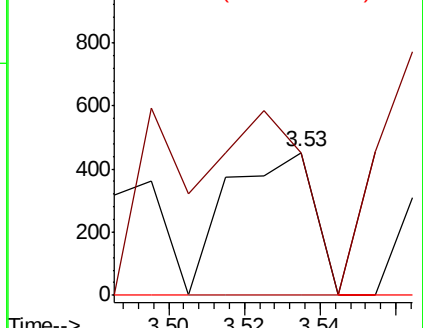
76 0.0 21.3 31.9#



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



#16

Acetone

Concen: 122.802 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060279.D

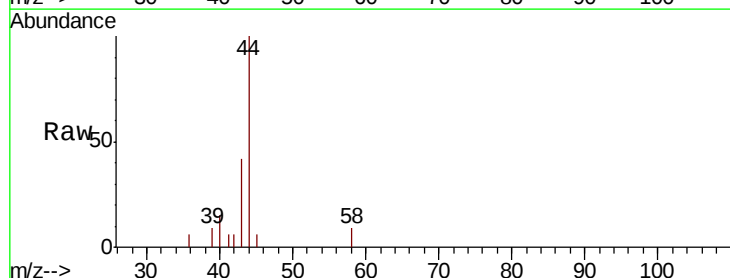
Acq: 1 Nov 2018 23:13

Tgt Ion: 43 Resp: 8265

Ion Ratio Lower Upper

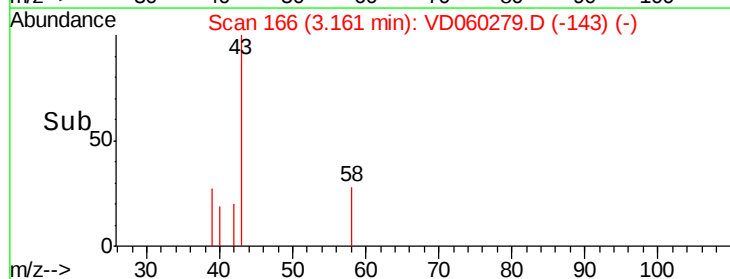
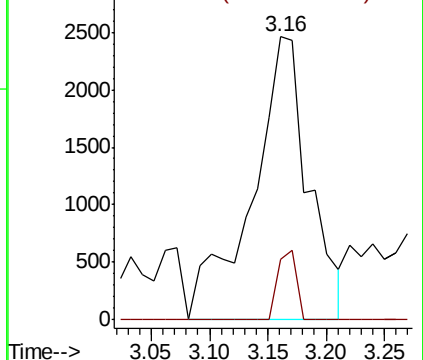
43 100

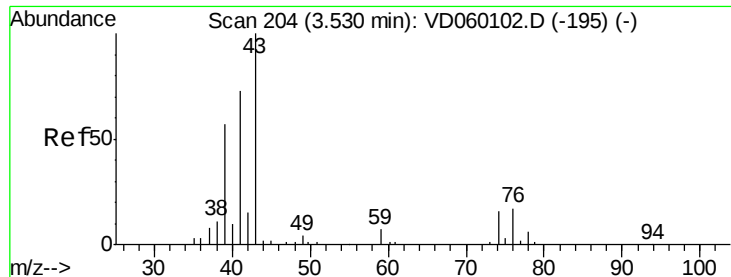
58 21.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

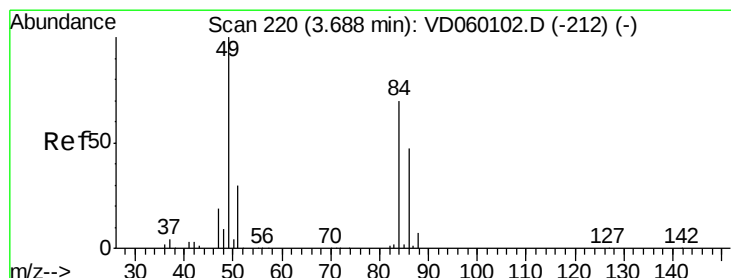
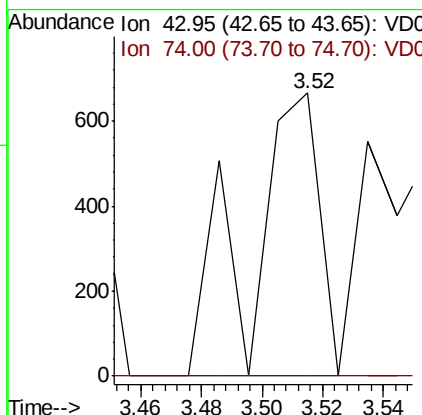
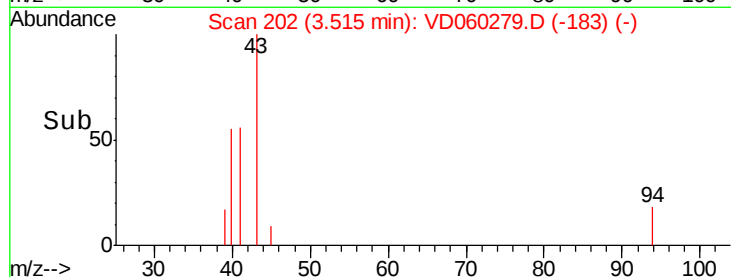
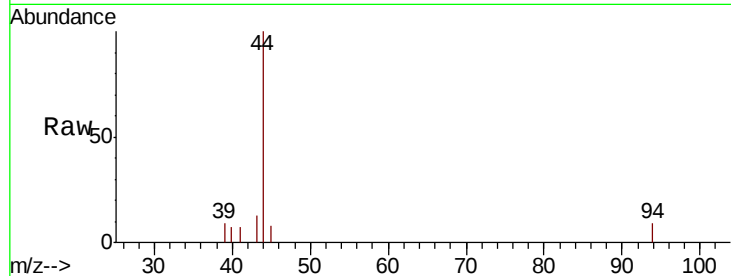




#18
Methyl Acetate
Concen: 7.231 ug/l
RT: 3.52 min Scan# 202
Delta R.T. -0.02 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

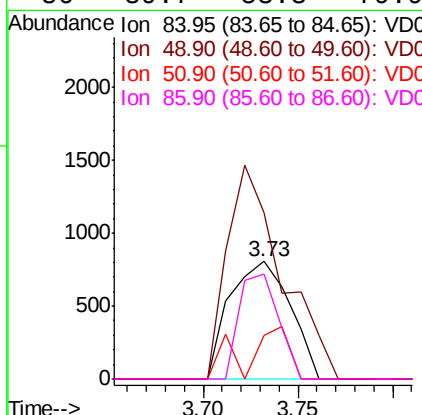
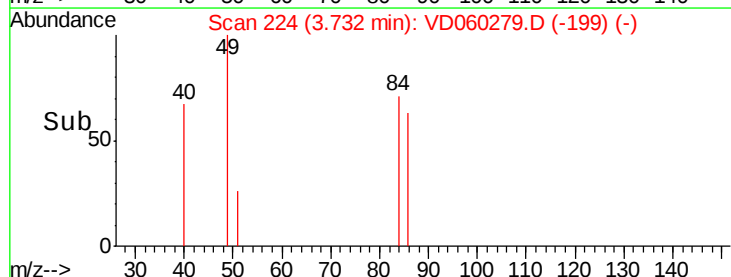
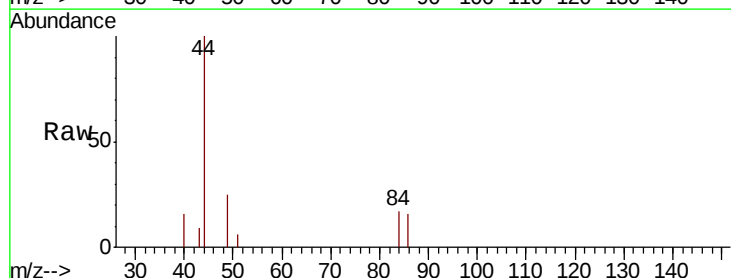
Instrument :
MSVOA_D
ClientSampled :
TP-4

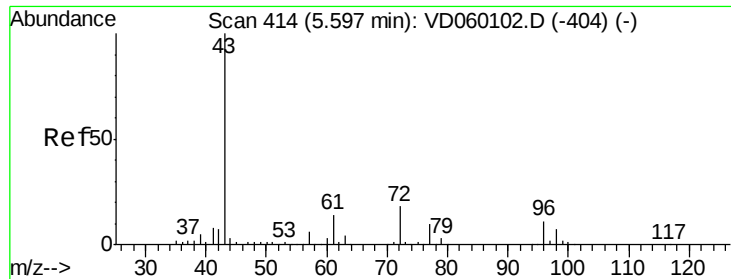
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion: 84 Resp: 1780
Ion Ratio Lower Upper
84 100
49 141.8 114.6 172.0
51 37.3 33.8 50.8
86 89.7 53.3 79.9#





#25

2-Butanone

Concen: 1.493 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

Instrument :

MSVOA_D

ClientSampled :

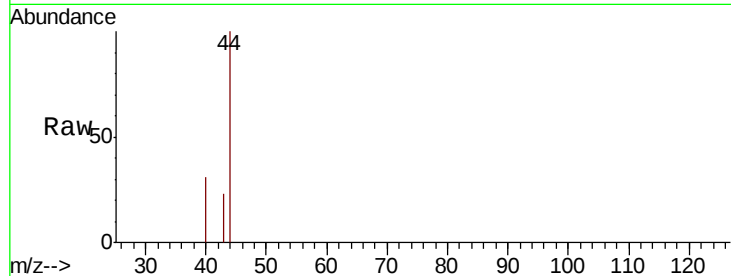
TP-4

Tgt Ion: 43 Resp: 251

Ion Ratio Lower Upper

43 100

72 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

5.63

400

300

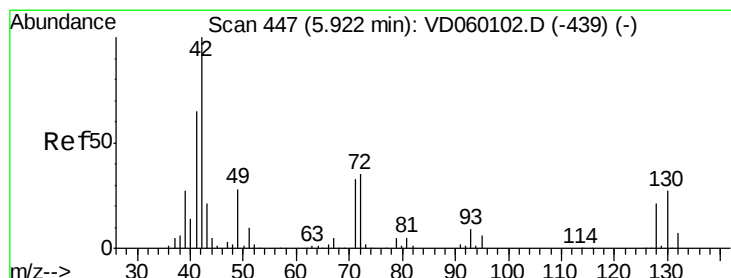
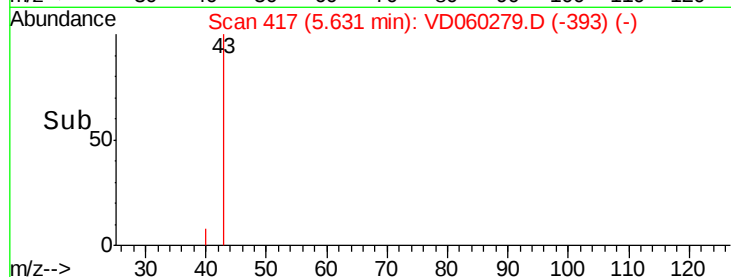
200

100

0

5.60 5.62 5.64 5.66

Time-->



#29

Tetrahydrofuran

Concen: 3.717 ug/l

RT: 5.95 min Scan# 449

Delta R.T. 0.02 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

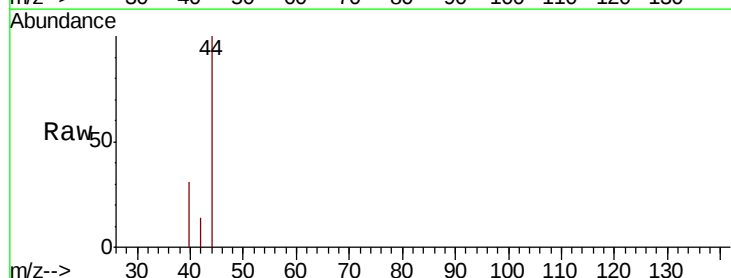
Tgt Ion: 42 Resp: 363

Ion Ratio Lower Upper

42 100

72 0.0 26.9 40.3#

71 0.0 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

5.95

400

300

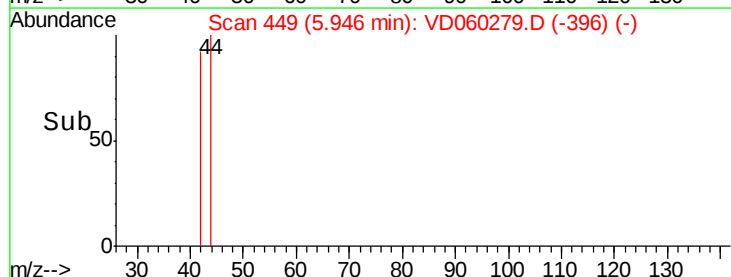
200

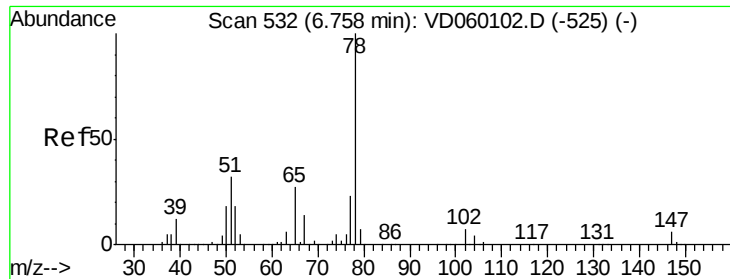
100

0

5.92 5.94 5.96

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

Instrument :

MSVOA_D

ClientSampleId :

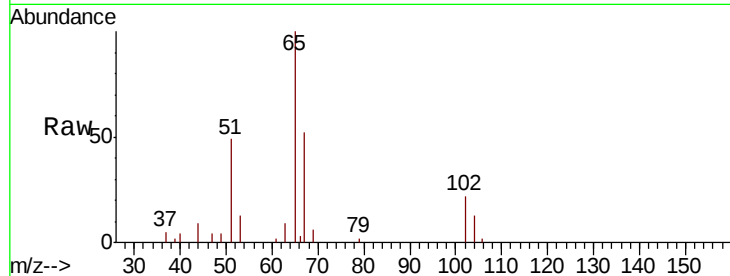
TP-4

Tgt Ion: 65 Resp: 45548

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

20000

15000

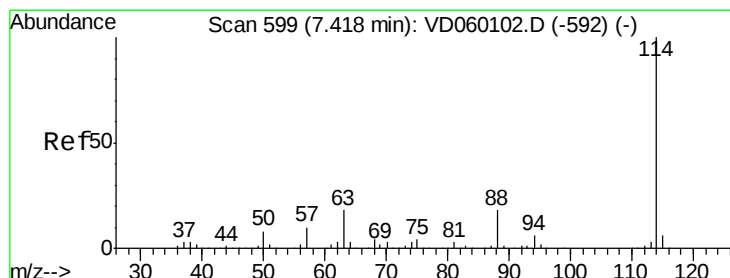
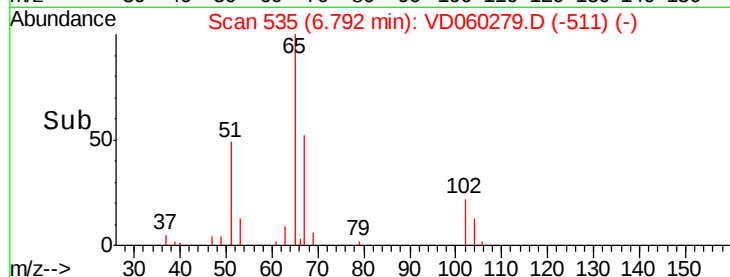
10000

5000

0

6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060279.D

Acq: 1 Nov 2018 23:13

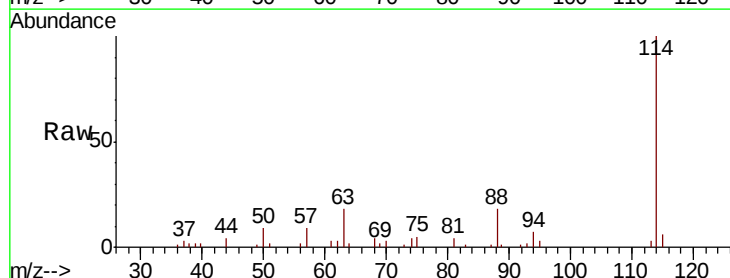
Tgt Ion: 114 Resp: 98291

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.0

88 17.6 0.0 36.2



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

60000

50000

40000

30000

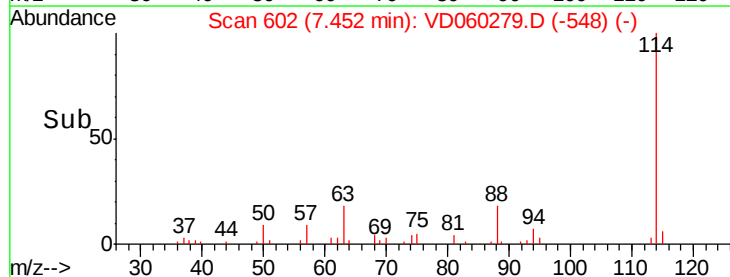
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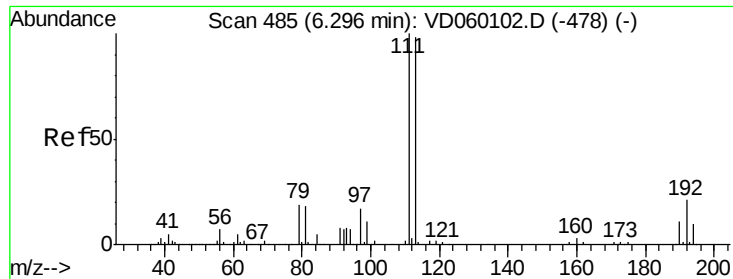
10000

0

7.40 7.50 7.60

Time-->

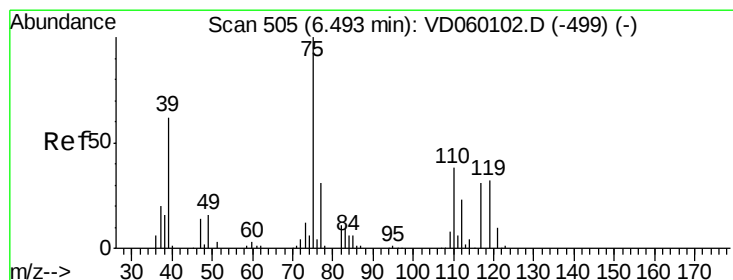
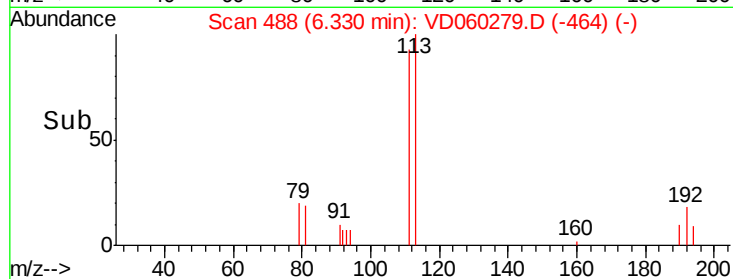
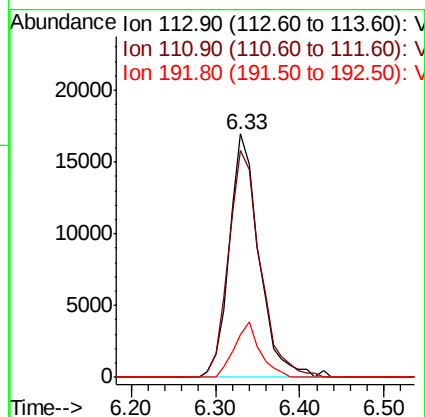
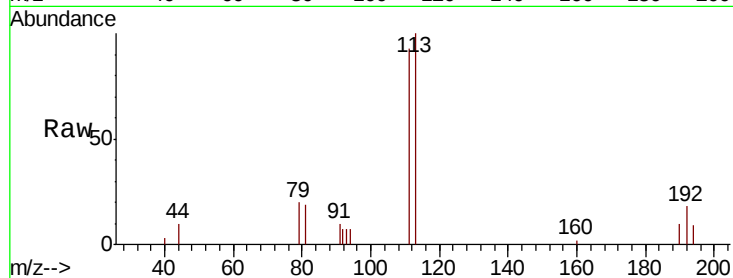




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

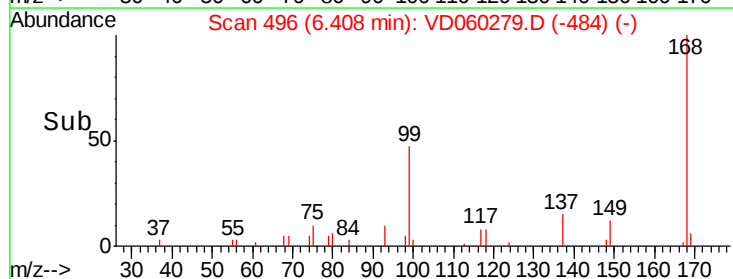
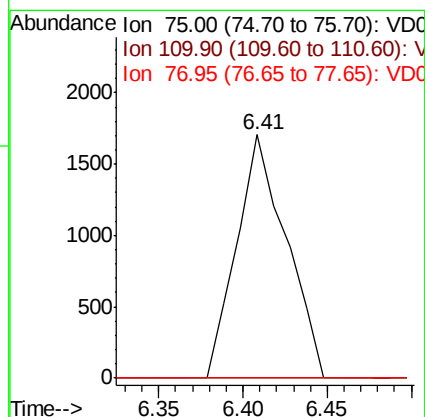
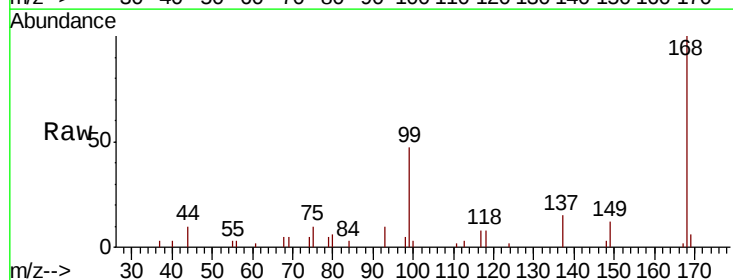
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 TP-4

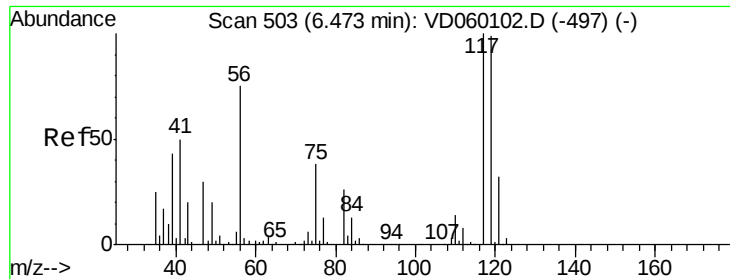
Tgt Ion: 113 Resp: 41657
 Ion Ratio Lower Upper
 113 100
 111 93.1 81.5 122.3
 192 17.8 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 3.703 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.08 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

Tgt Ion: 75 Resp: 3478
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 24.9 37.3#

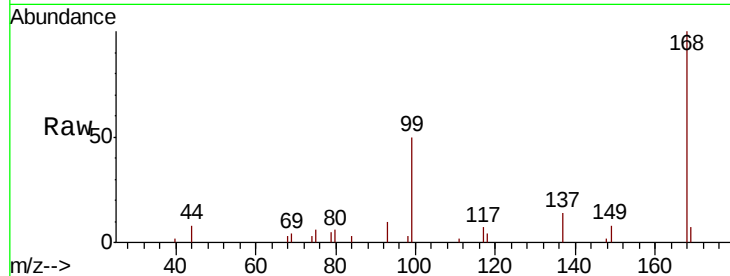




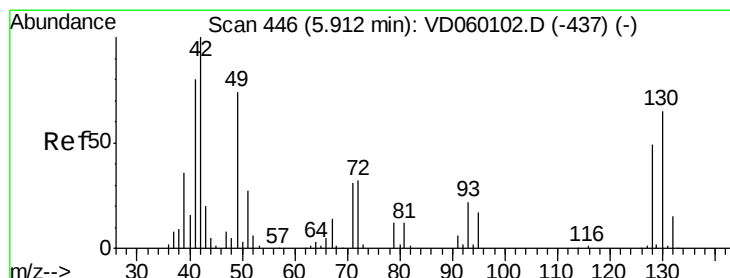
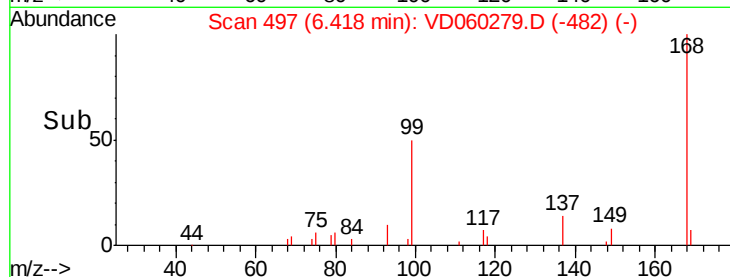
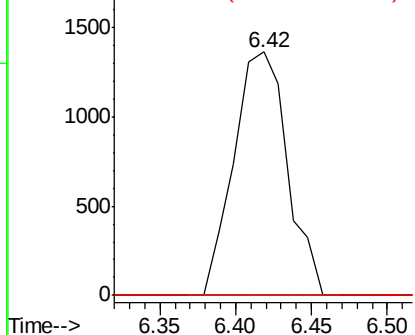
#38
Carbon Tetrachloride
Concen: 3.945 ug/l
RT: 6.42 min Scan# 497
Delta R.T. -0.05 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 117 Resp: 3363
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.8 37.2#

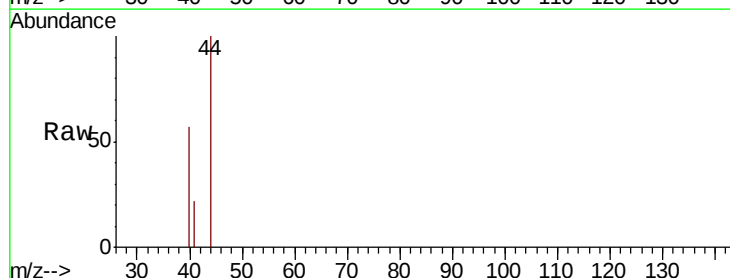


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

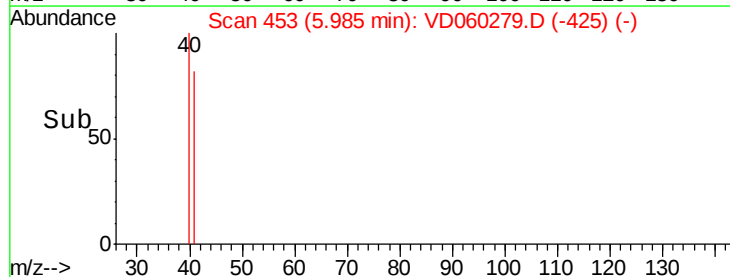
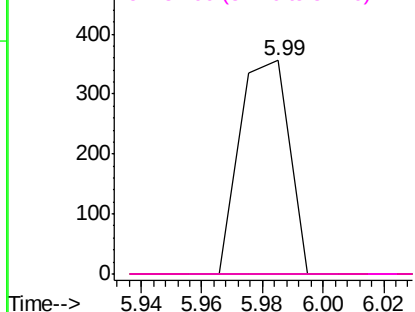


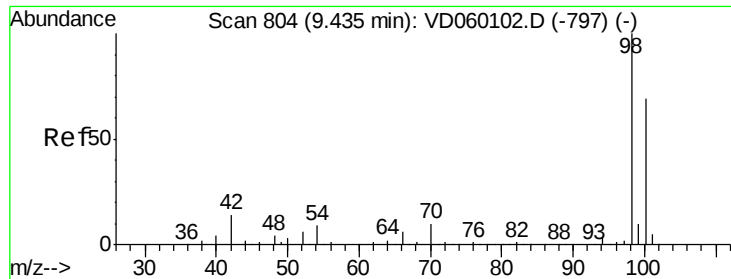
#41
Methacrylonitrile
Concen: 1.158 ug/l
RT: 5.99 min Scan# 453
Delta R.T. 0.07 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion: 41 Resp: 408
Ion Ratio Lower Upper
41 100
39 0.0 36.0 54.0#
67 0.0 13.9 20.9#
52 0.0 6.1 9.1#



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

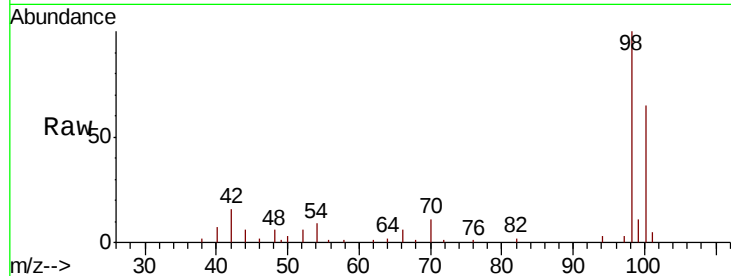




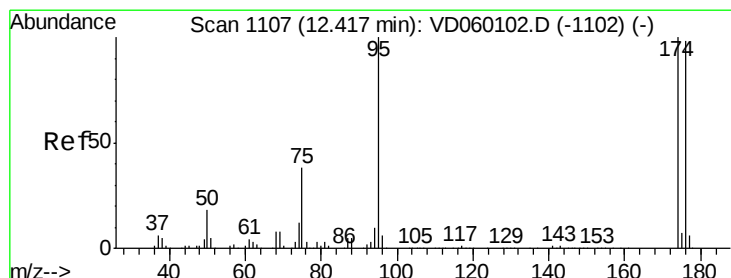
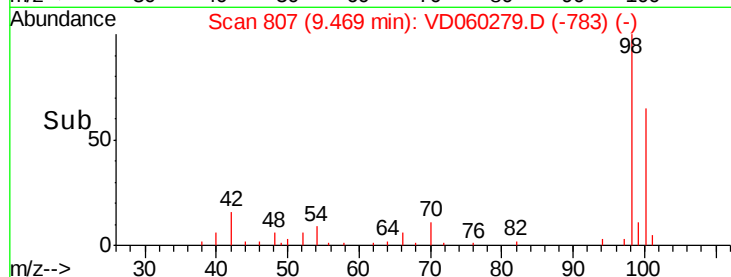
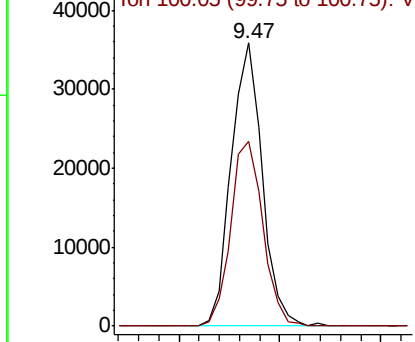
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tgt Ion: 98 Resp: 76776
Ion Ratio Lower Upper
98 100
100 65.3 55.4 83.0

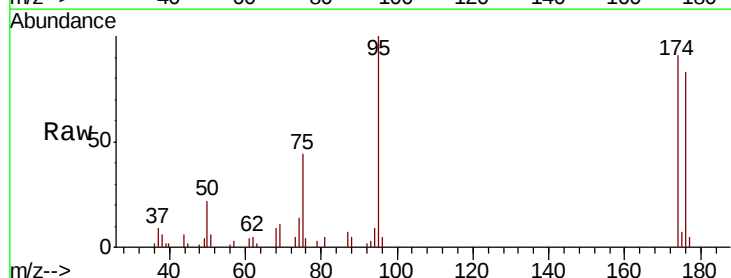


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

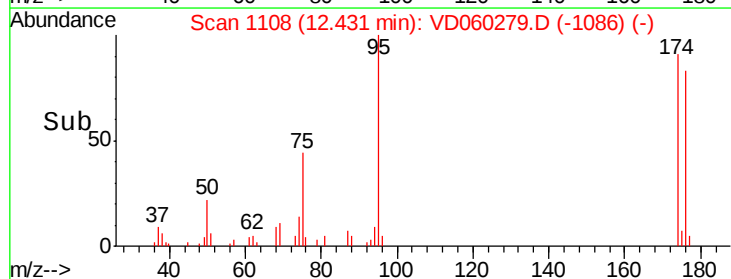
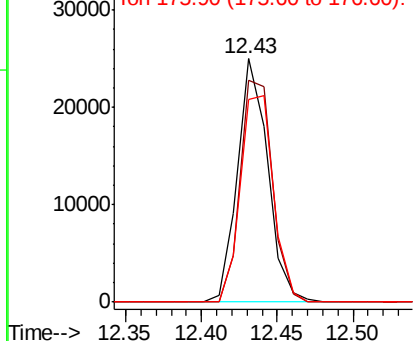


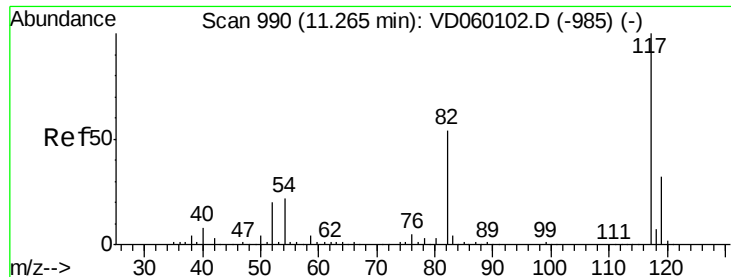
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion: 95 Resp: 34649
Ion Ratio Lower Upper
95 100
174 91.3 0.0 200.2
176 83.3 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

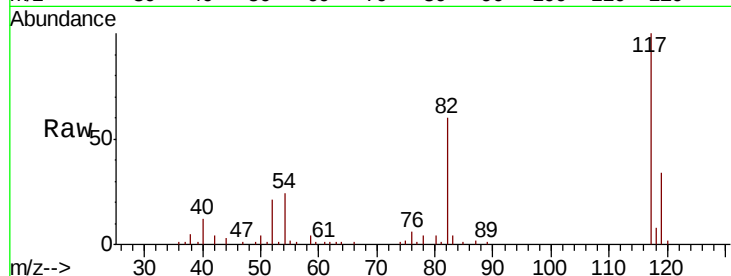




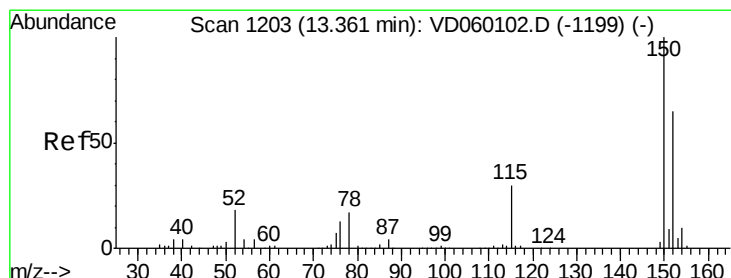
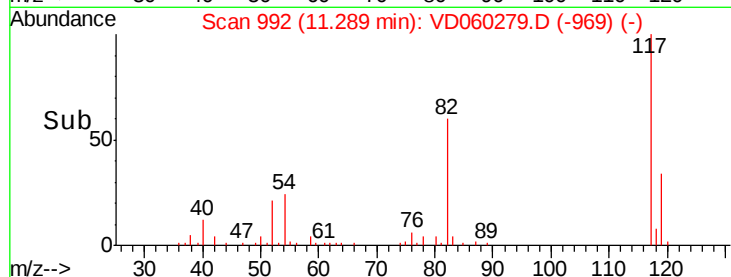
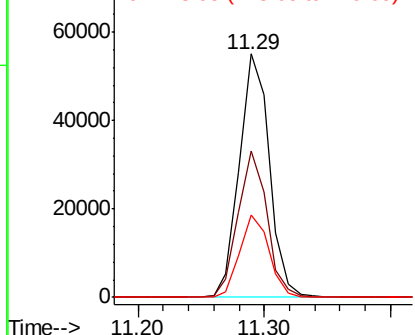
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 90582
Ion Ratio Lower Upper
117 100
82 60.2 43.4 65.2
119 33.8 26.0 39.0

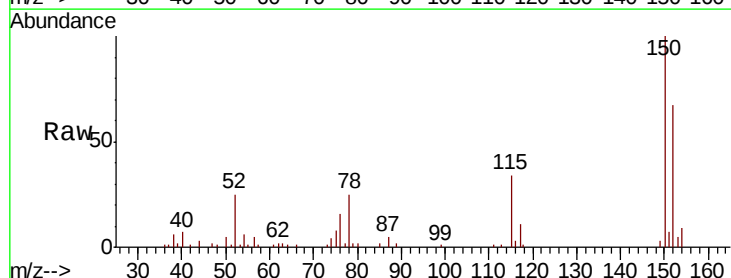


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

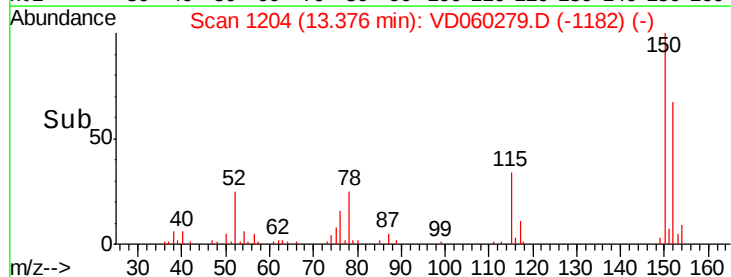
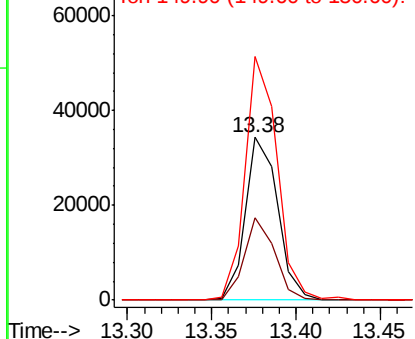


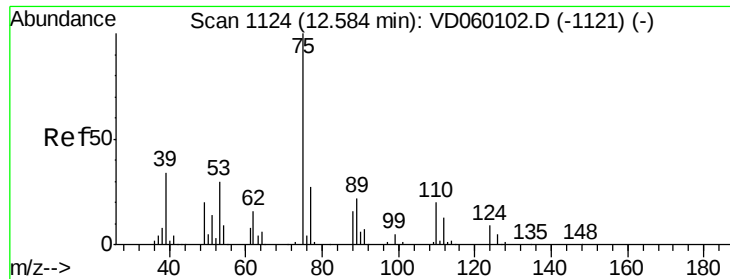
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060279.D
Acq: 1 Nov 2018 23:13

Tgt Ion:152 Resp: 45591
Ion Ratio Lower Upper
152 100
115 50.2 27.1 81.2
150 149.6 0.0 311.8



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

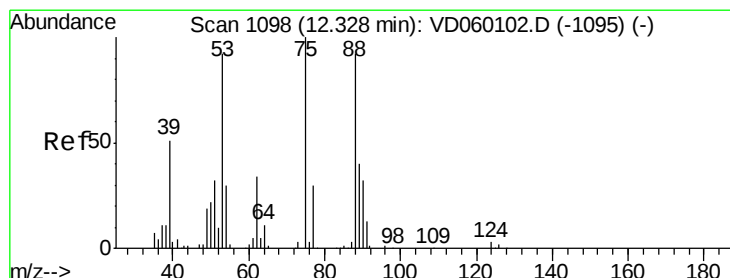
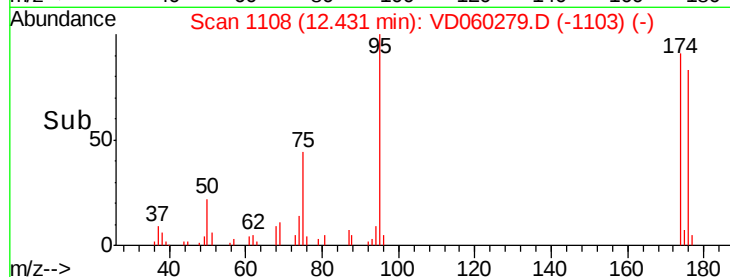
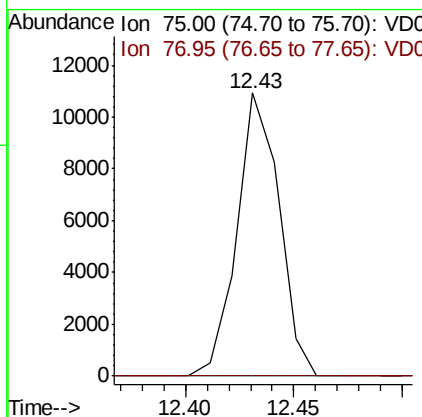
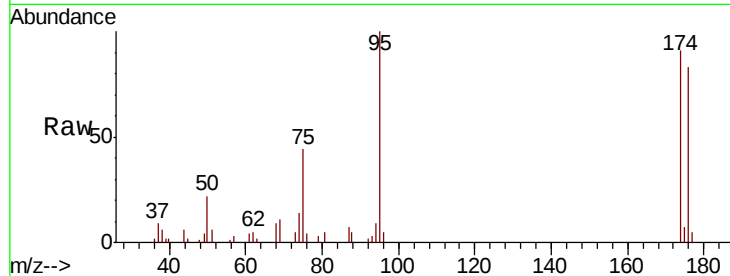




#76
 1,2,3-Trichloropropane
 Concen: 22.516 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

Tgt Ion: 75 Resp: 14783
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.125 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060279.D
 Acq: 1 Nov 2018 23:13

Tgt Ion: 75 Resp: 14782
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

