

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060429.D
 Acq On : 20 Nov 2018 15:18
 Operator : JC/SY
 Sample : J5967-03RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 01:16:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1272612	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1802196	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1342775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	627136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	383227	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
35) Dibromofluoromethane	6.33	113	557703	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
50) Toluene-d8	9.46	98	1485164	37.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.52%	
62) 4-Bromofluorobenzene	12.43	95	509636	35.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.52%	

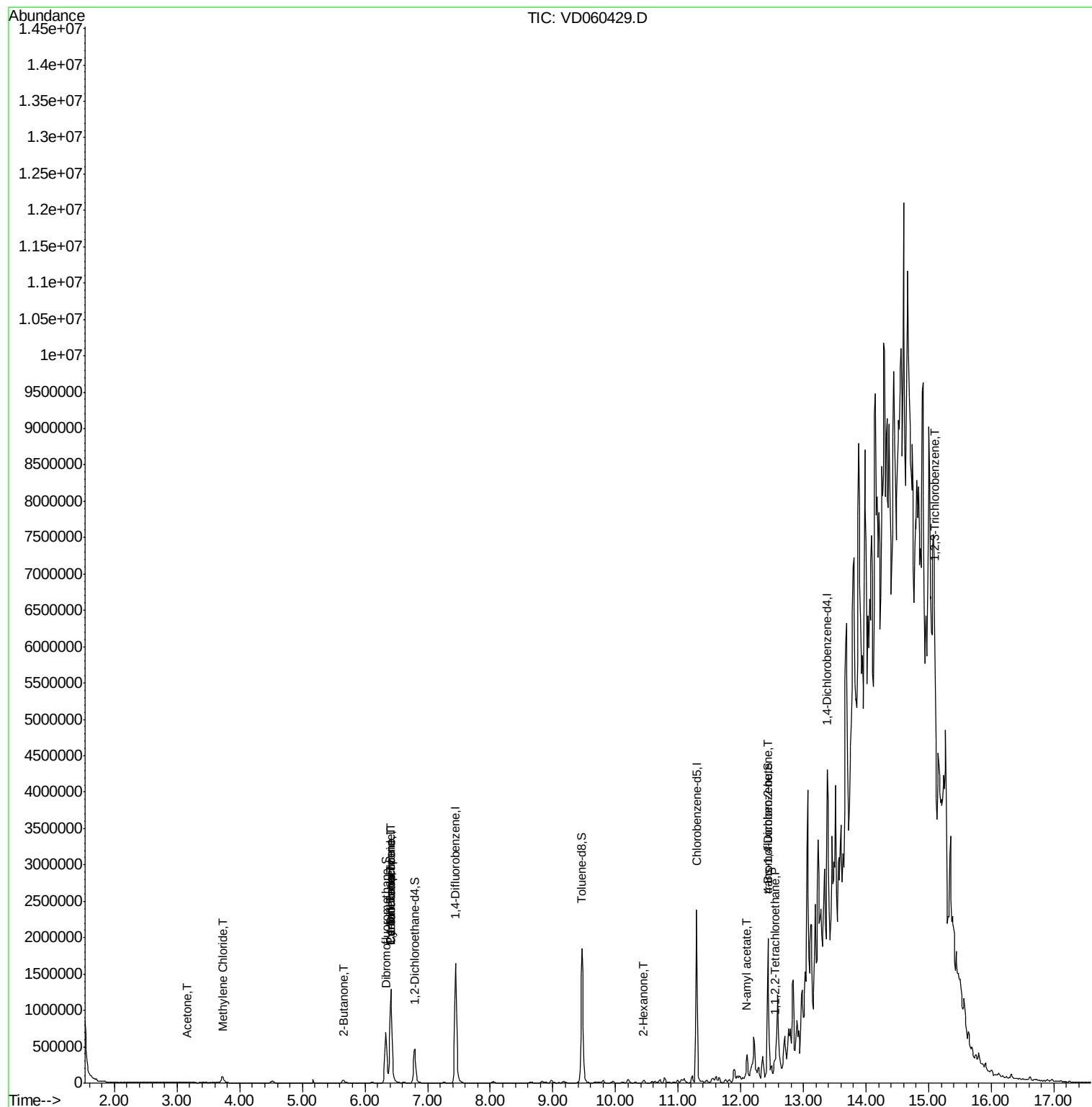
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	1806	Below Cal	#	41
16) Acetone	3.15	43	9604	6.076	ug/l	95
20) Methylene Chloride	3.73	84	58788	4.193	ug/l	90
25) 2-Butanone	5.64	43	4001	1.218	ug/l #	60
31) Cyclohexane	6.40	56	25416	1.168	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	84473	4.744	ug/l #	48
38) Carbon Tetrachloride	6.41	117	97335	5.893	ug/l #	15
59) 2-Hexanone	10.45	43	19681	4.122	ug/l #	31
74) N-amyl acetate	12.10	43	76959	6.570	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.54	83	8396	1.124	ug/l #	37
81) trans-1,4-Dichloro-2-buten	12.43	75	199638	93.472	ug/l #	17
96) 1,2,3-Trichlorobenzene	15.10	180	28879	2.563	ug/l #	27

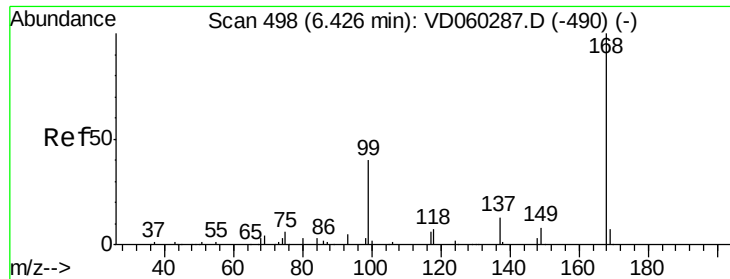
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112018\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

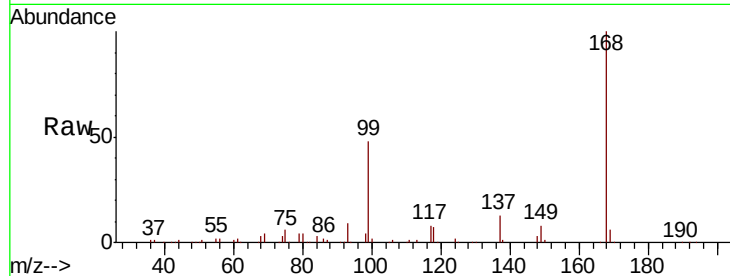
ClientSampleId :

Tot Ion:168 Resp: 1272612

Ion Ratio Lower Upper

168 100

99 48.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

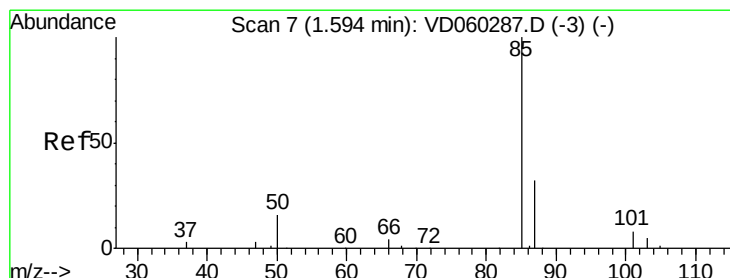
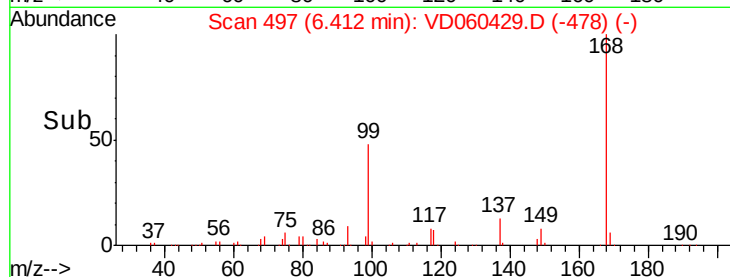
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.59 min Scan# 7

Delta R.T. -0.00 min

Lab File: VD060429.D

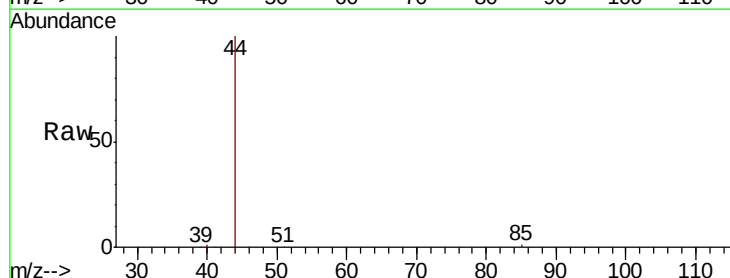
Acq: 20 Nov 2018 15:18

Tgt Ion: 85 Resp: 1806

Ion Ratio Lower Upper

85 100

87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

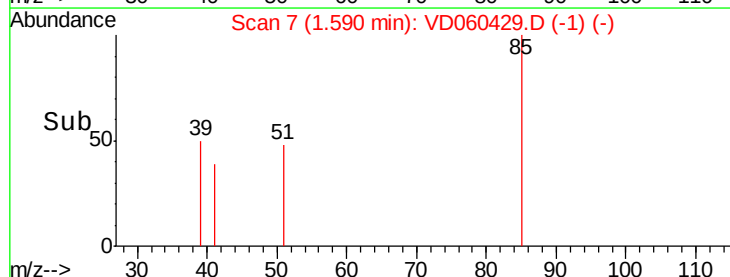
1.59

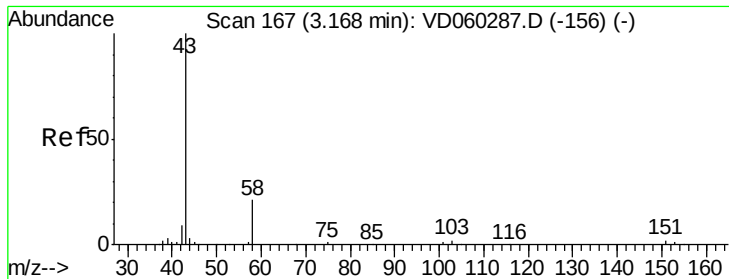
1000

500

0

Time-->





#16

Acetone

Concen: 6.076 ug/l

RT: 3.15 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

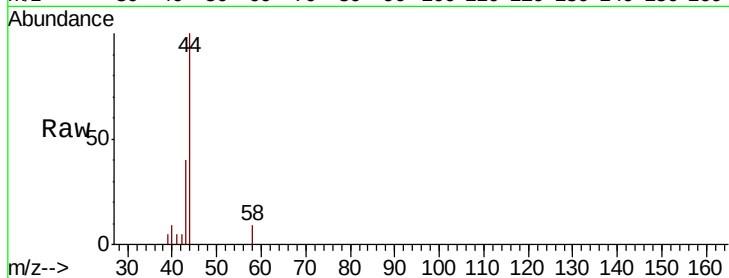
ClientSampleId :

Tot Ion: 43 Resp: 9604

Ion Ratio Lower Upper

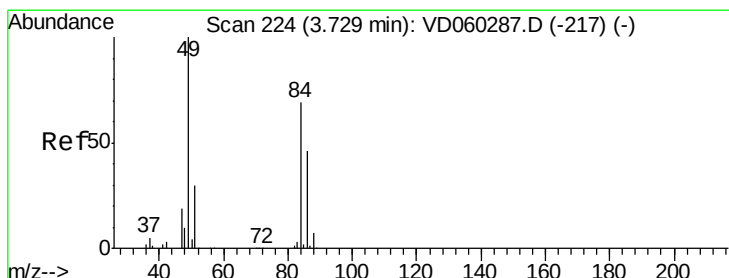
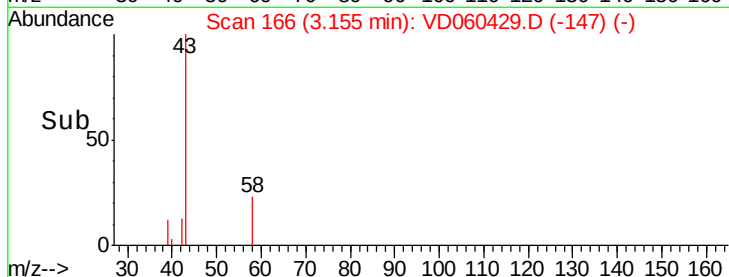
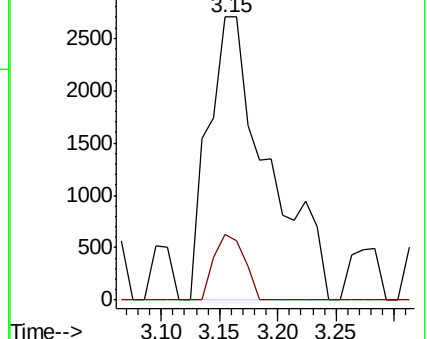
43 100

58 23.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.193 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Tgt Ion: 84 Resp: 58788

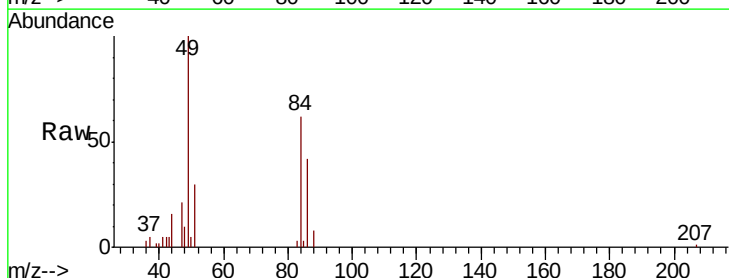
Ion Ratio Lower Upper

84 100

49 161.6 115.6 173.4

51 48.5 35.6 53.4

86 68.0 52.3 78.5

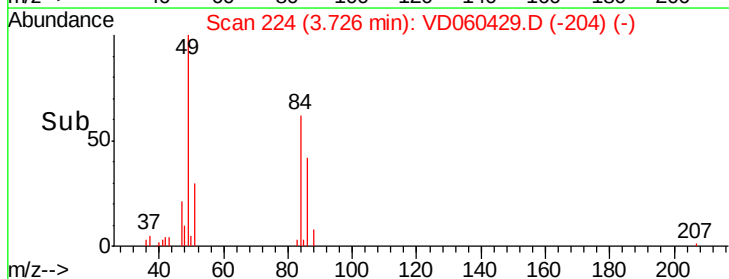
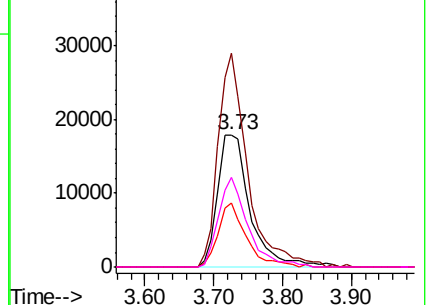


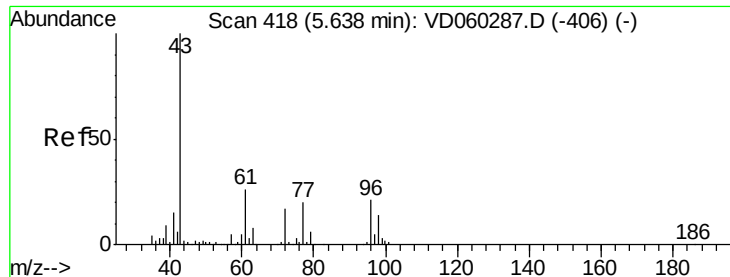
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 1.218 ug/l

RT: 5.64 min Scan# 419

Delta R.T. 0.01 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

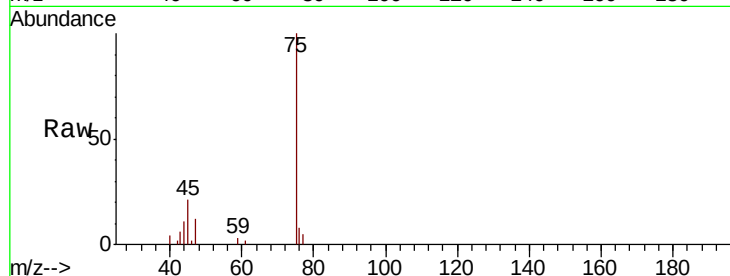
ClientSampled :

Tot Ion: 43 Resp: 4001

Ion Ratio Lower Upper

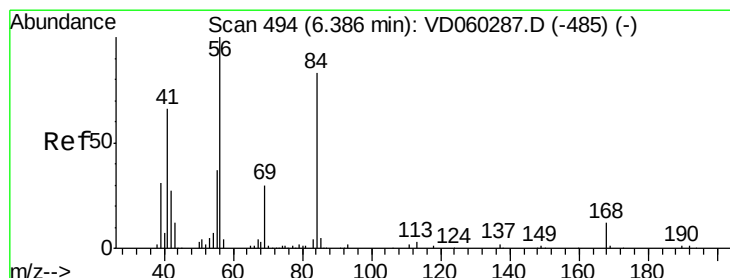
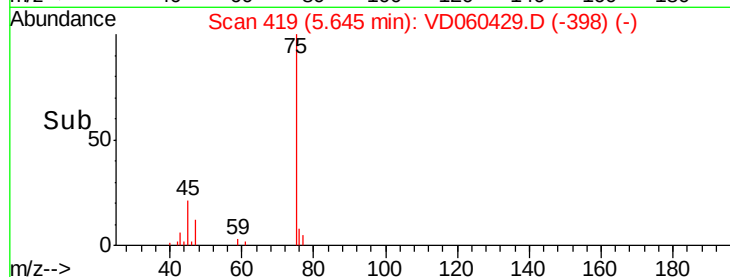
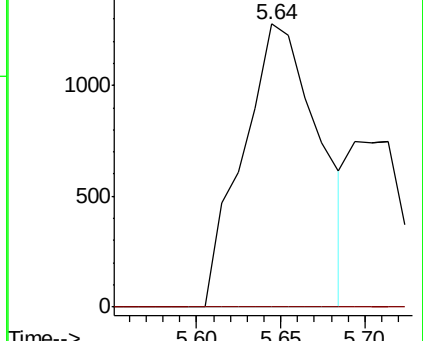
43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.168 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

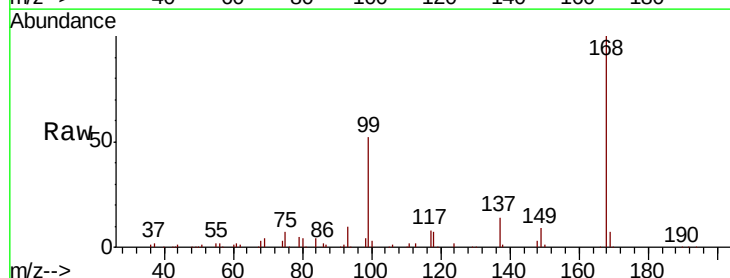
Tgt Ion: 56 Resp: 25416

Ion Ratio Lower Upper

56 100

69 185.0 22.2 33.2#

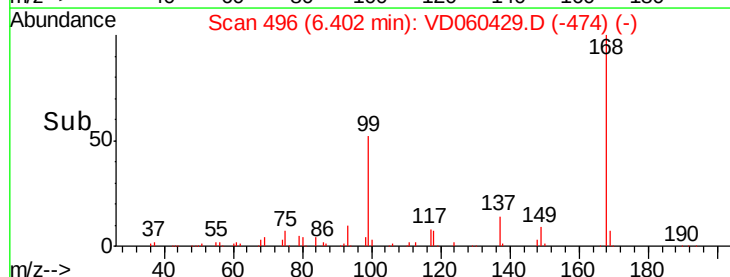
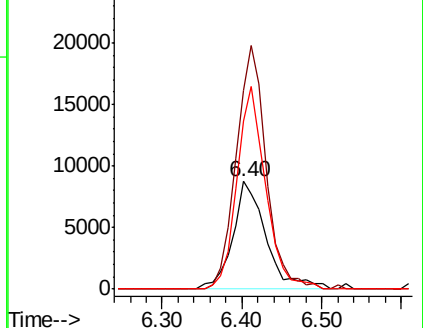
84 156.8 63.0 94.4#

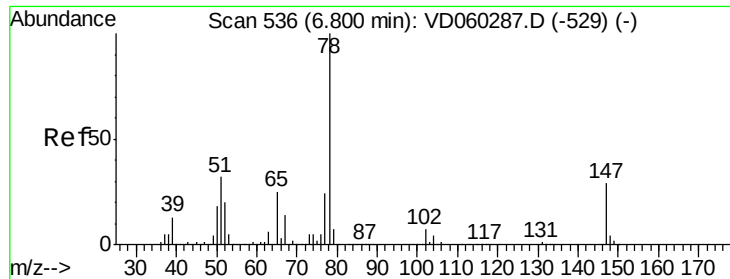


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

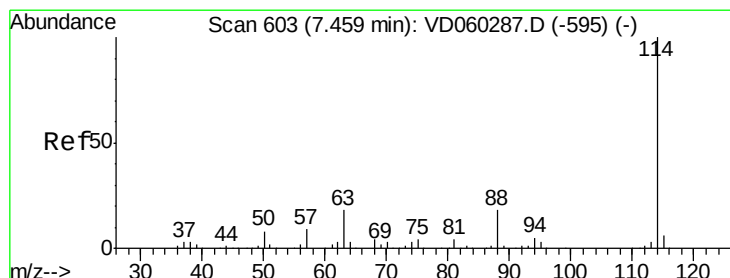
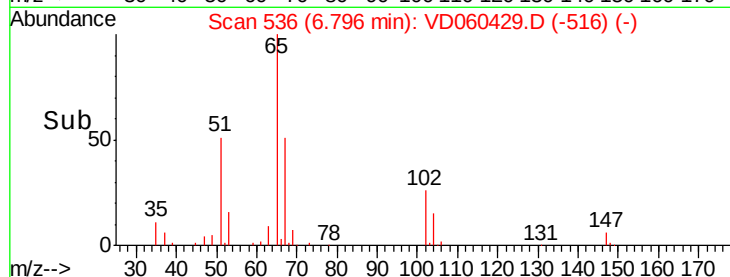
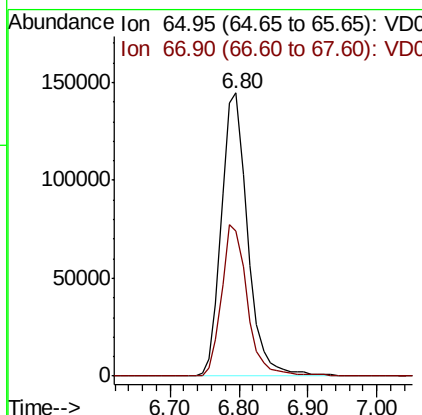
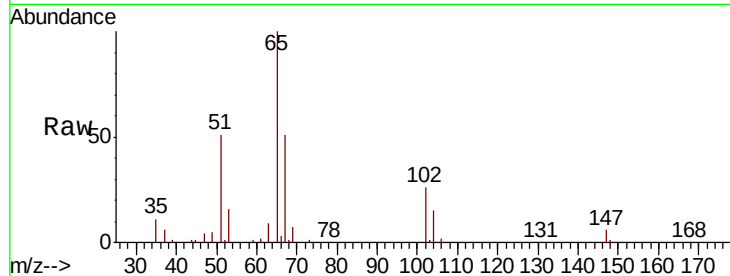




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

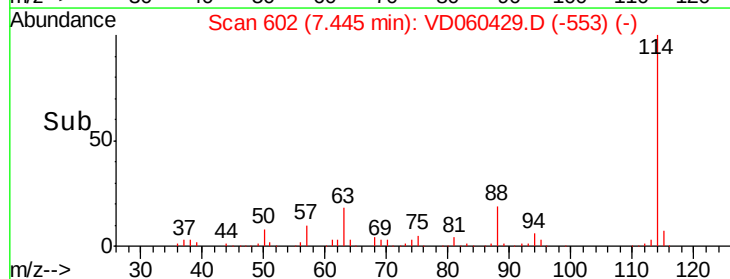
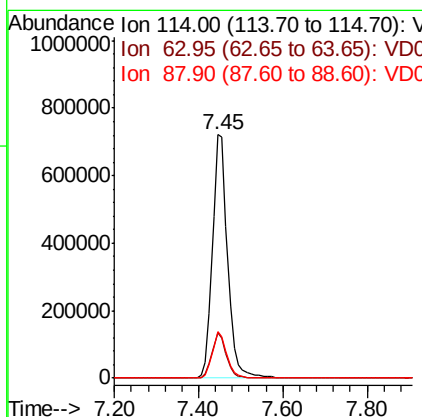
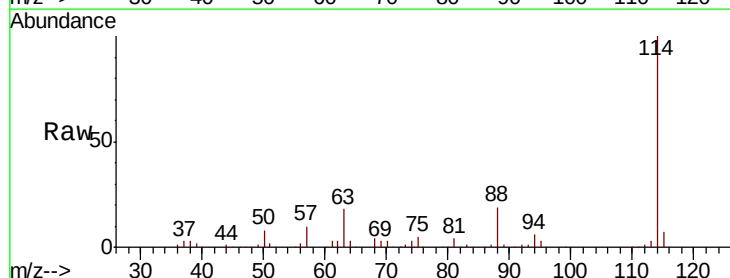
Instrument :
 MSVOA_D
 ClientSampleId :

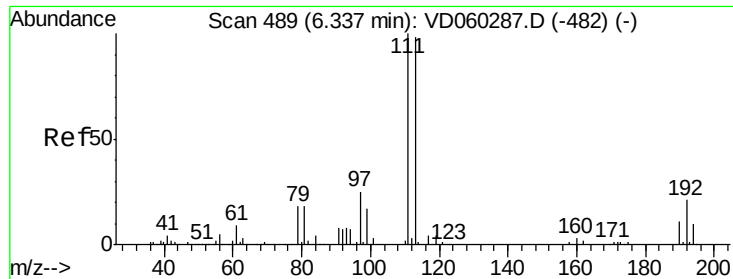
Tot Ion: 65 Resp: 383227
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

Tgt Ion: 114 Resp: 1802196
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 18.8 0.0 35.4

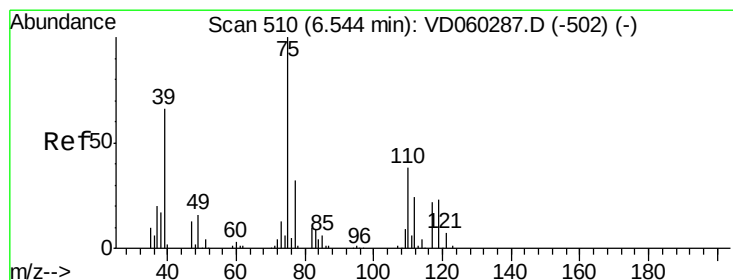
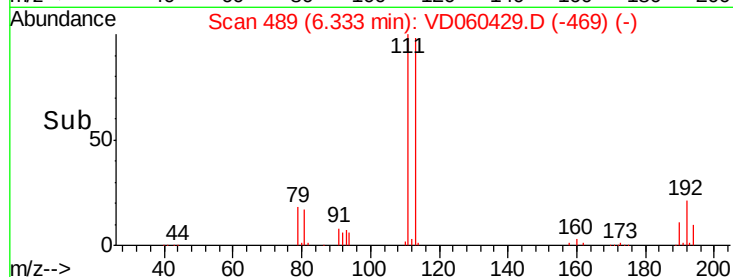
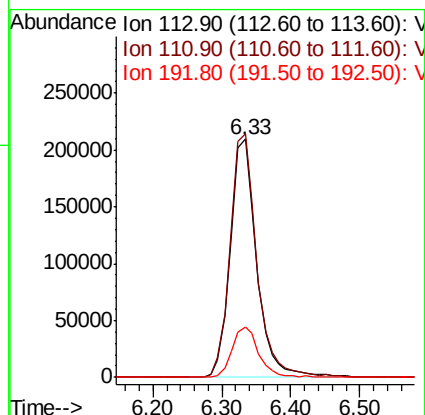
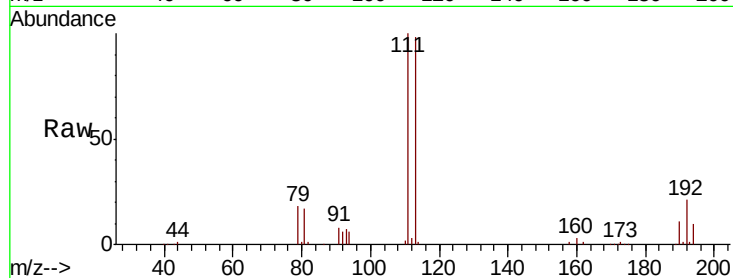




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

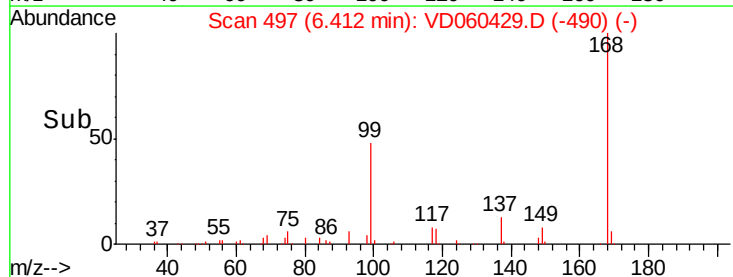
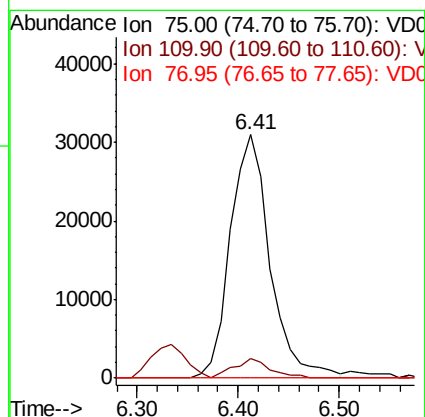
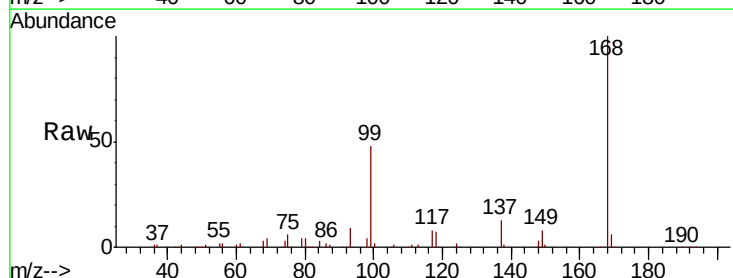
Instrument :
 MSVOA_D
 ClientSampled :

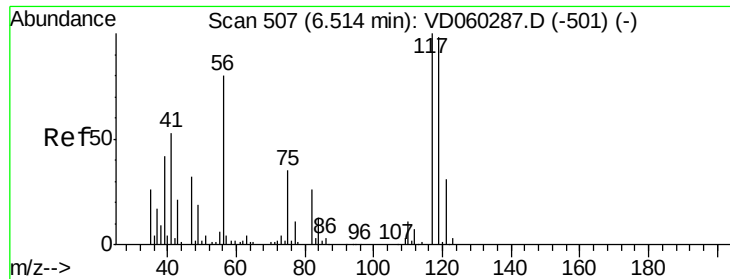
Tot Ion:113 Resp: 557703
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 21.1 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.13 min
 Lab File: VD060429.D
 Acq: 20 Nov 2018 15:18

Tgt Ion: 75 Resp: 84473
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.0 54.0#
 77 0.0 25.6 38.4#

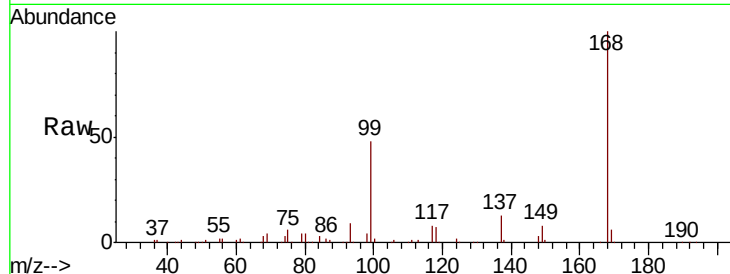




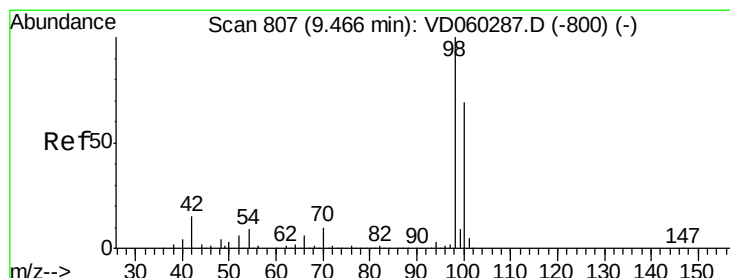
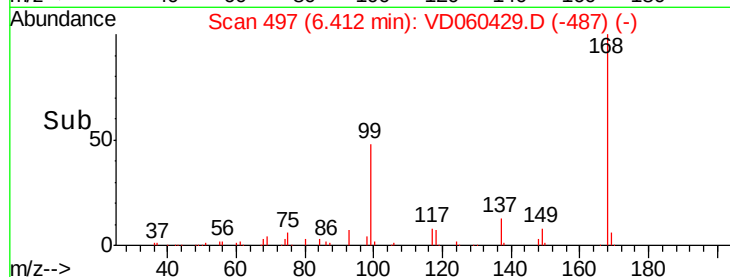
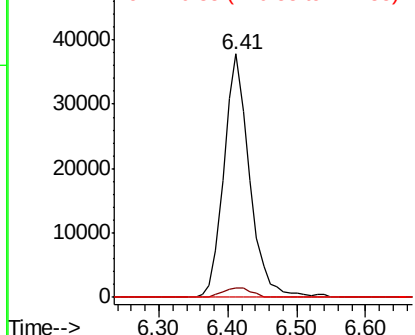
#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 97335
Ion Ratio Lower Upper
117 100
119 3.7 76.6 115.0#
121 0.0 24.3 36.5#

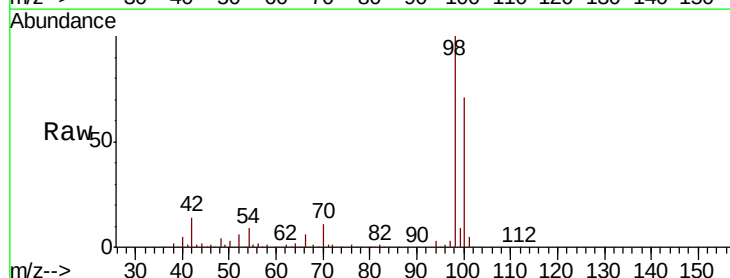


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

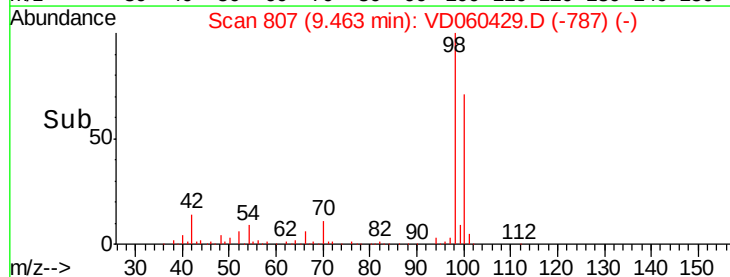
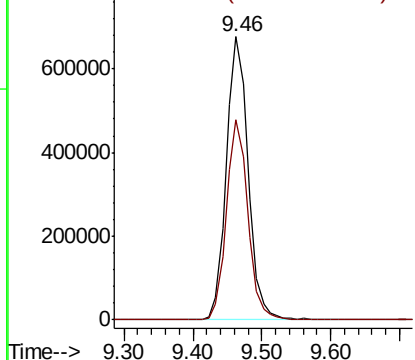


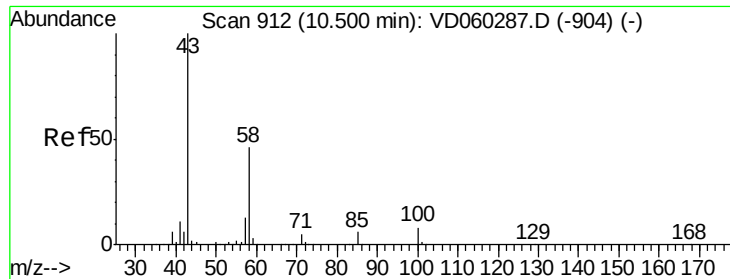
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

Tgt Ion: 98 Resp: 1485164
Ion Ratio Lower Upper
98 100
100 70.6 55.2 82.8



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

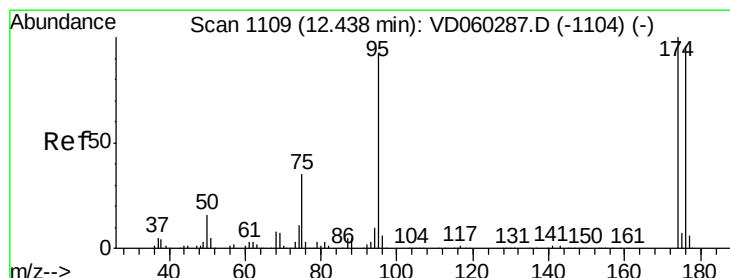
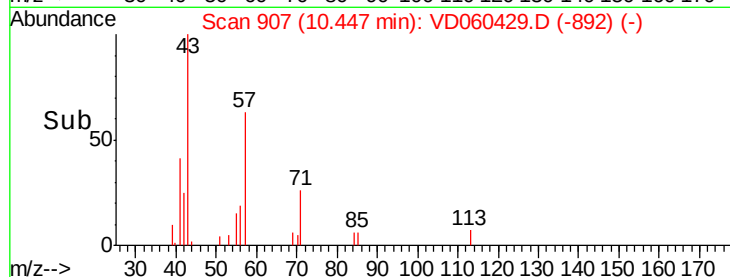
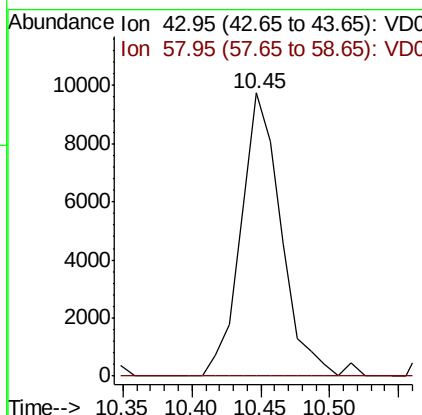
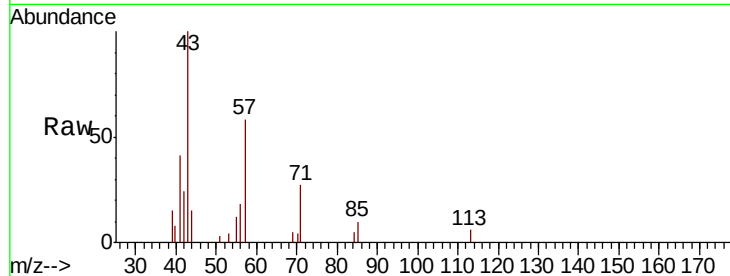




#59
2-Hexanone
Concen: 4.122 ug/l
RT: 10.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

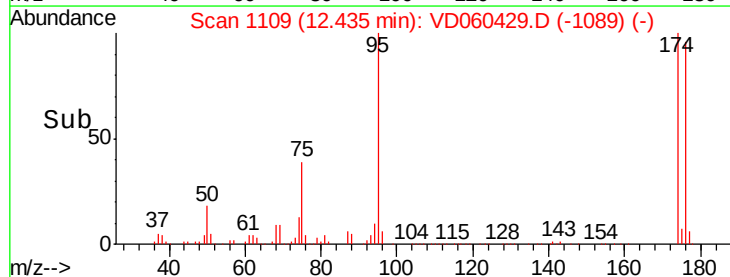
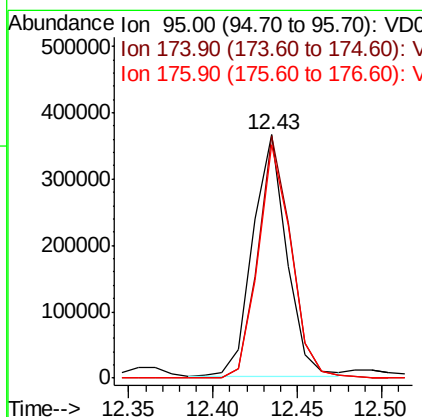
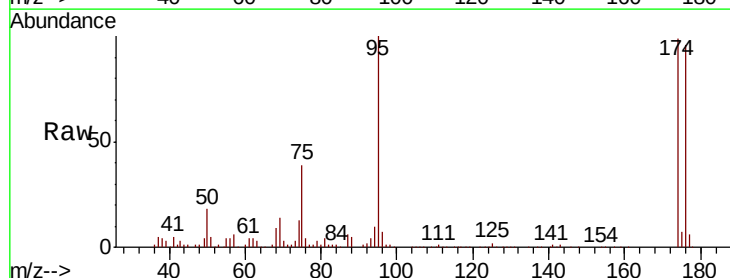
Instrument :
MSVOA_D
ClientSampled :

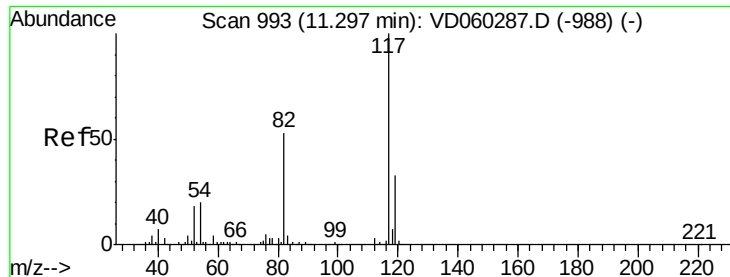
Tot Ion: 43 Resp: 19681
Ion Ratio Lower Upper
43 100
58 0.0 22.9 68.5#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

Tgt Ion: 95 Resp: 509636
Ion Ratio Lower Upper
95 100
174 99.4 0.0 160.8
176 95.8 0.0 154.6

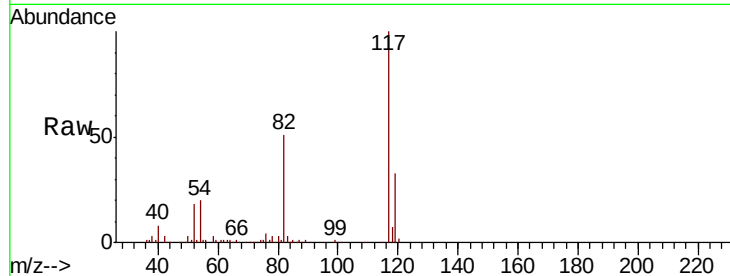




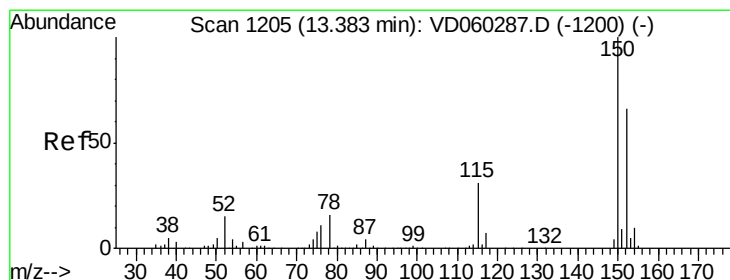
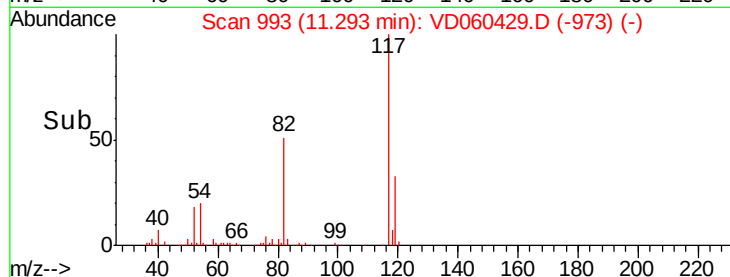
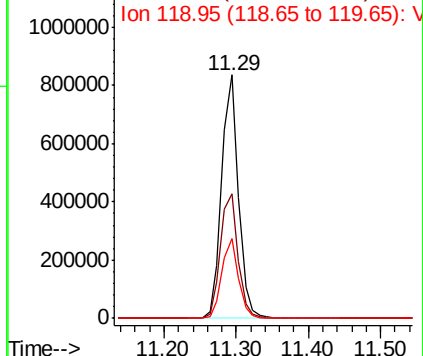
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1342775
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 32.6 26.1 39.1

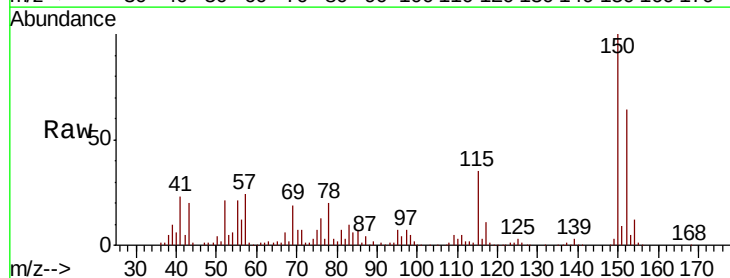


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

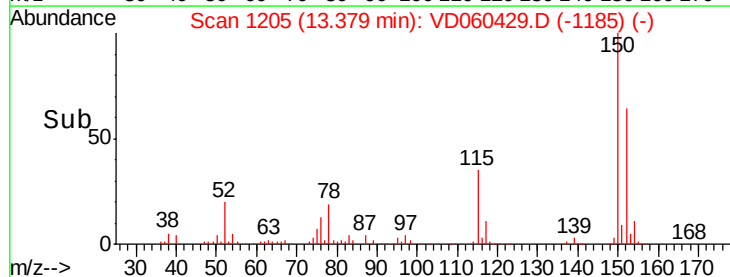
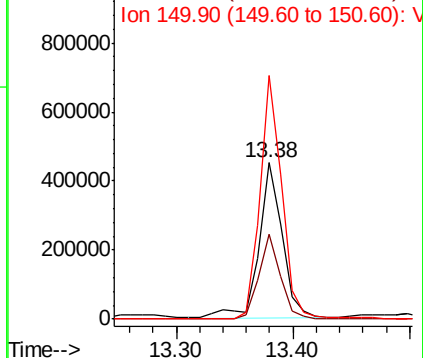


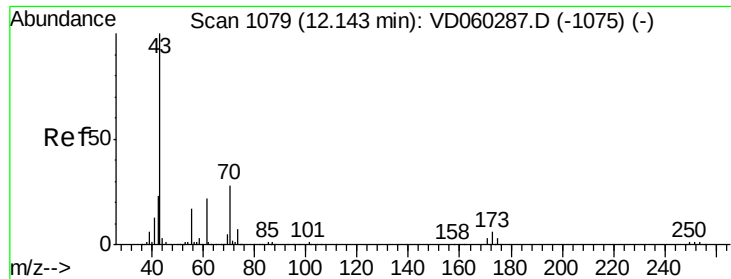
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060429.D
Acq: 20 Nov 2018 15:18

Tgt Ion:152 Resp: 627136
Ion Ratio Lower Upper
152 100
115 54.5 24.1 72.3
150 155.8 0.0 310.6



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





#74

N-amvl acetate

Concen: 6.570 ug/l

RT: 12.10 min Scan# 1075

Delta R.T. -0.04 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 43 Resp: 76959

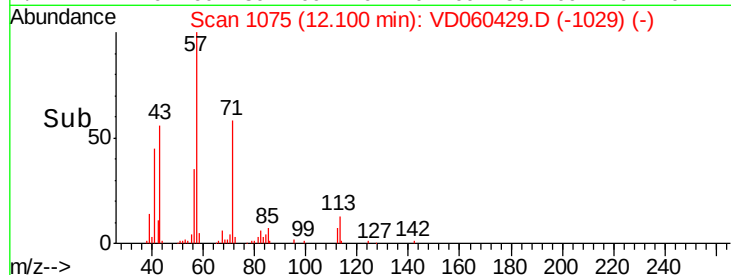
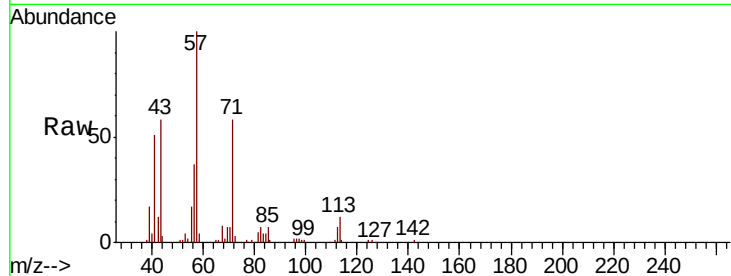
Ion Ratio Lower Upper

43 100

70 11.5 23.0 34.4#

55 29.9 14.2 21.4#

61 0.0 17.8 26.8#

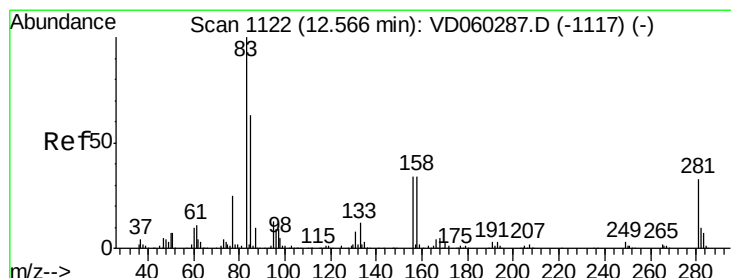
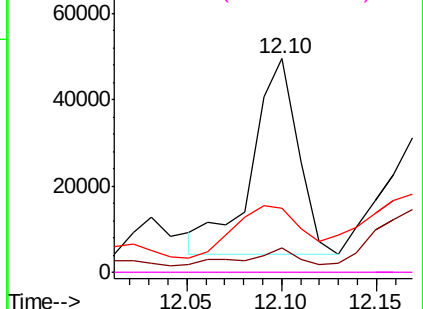


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 1.124 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

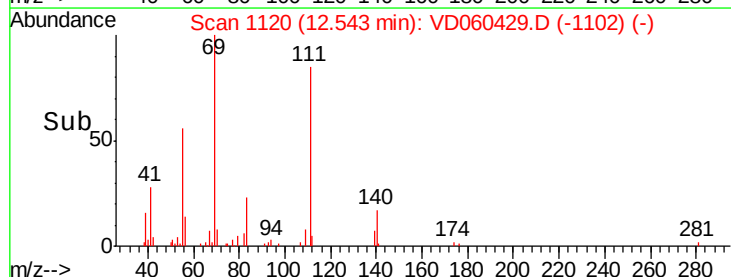
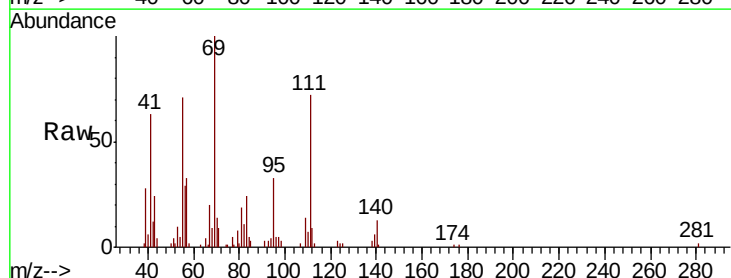
Tgt Ion: 83 Resp: 8396

Ion Ratio Lower Upper

83 100

131 0.0 3.9 11.5#

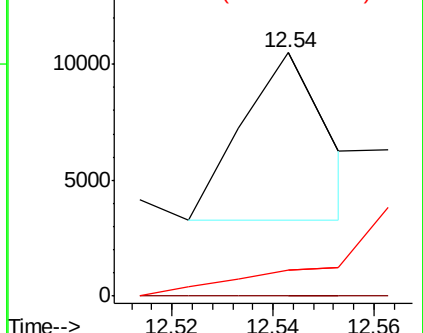
85 10.7 32.0 96.0#

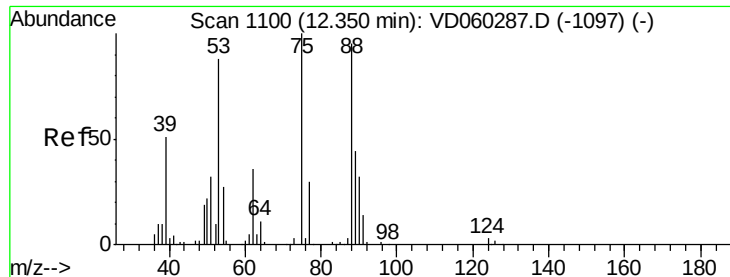


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 93.472 ug/l

RT: 12.43 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

Instrument :

MSVOA_D

ClientSampleId :

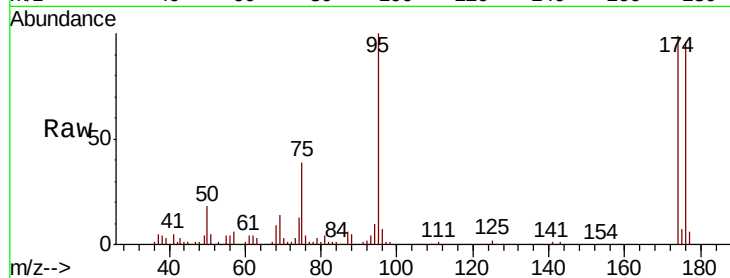
Tot Ion: 75 Resp: 199638

Ion Ratio Lower Upper

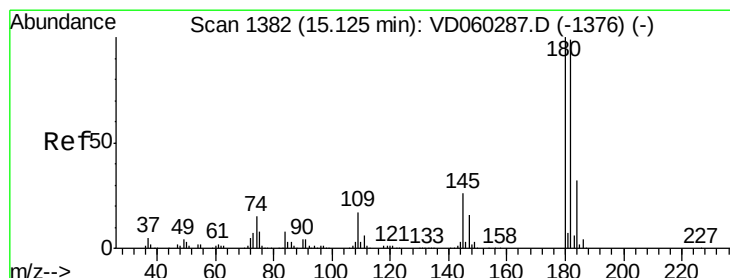
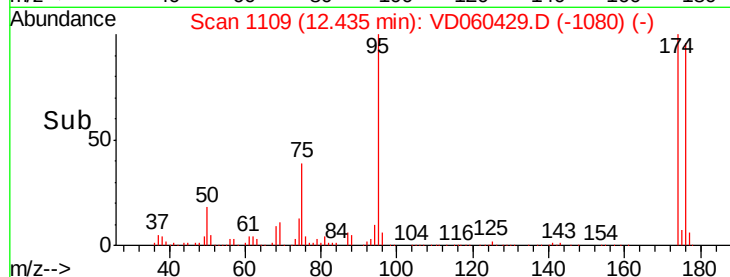
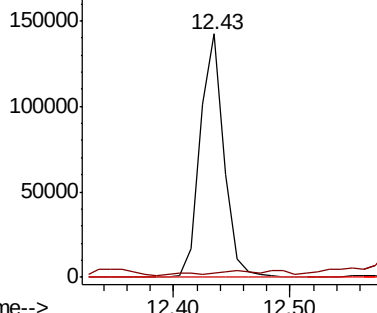
75 100

53 1.7 68.6 103.0#

89 0.0 34.1 51.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.563 ug/l

RT: 15.10 min Scan# 1380

Delta R.T. -0.02 min

Lab File: VD060429.D

Acq: 20 Nov 2018 15:18

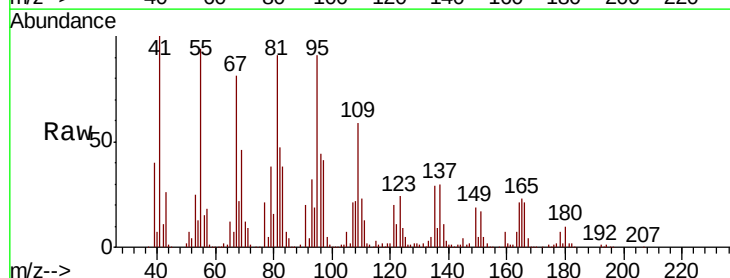
Tgt Ion:180 Resp: 28879

Ion Ratio Lower Upper

180 100

182 16.7 48.9 146.7#

145 44.1 12.9 38.6#



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

