

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065621.D
 Acq On : 13 Apr 2020 17:15
 Operator : VA/SY
 Sample : L2229-15
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

Quant Time: Apr 14 02:13:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	445418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	830861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	793358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	249170	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
35) Dibromofluoromethane	7.92	113	289957	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.34	98	983650	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.64	95	310743	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

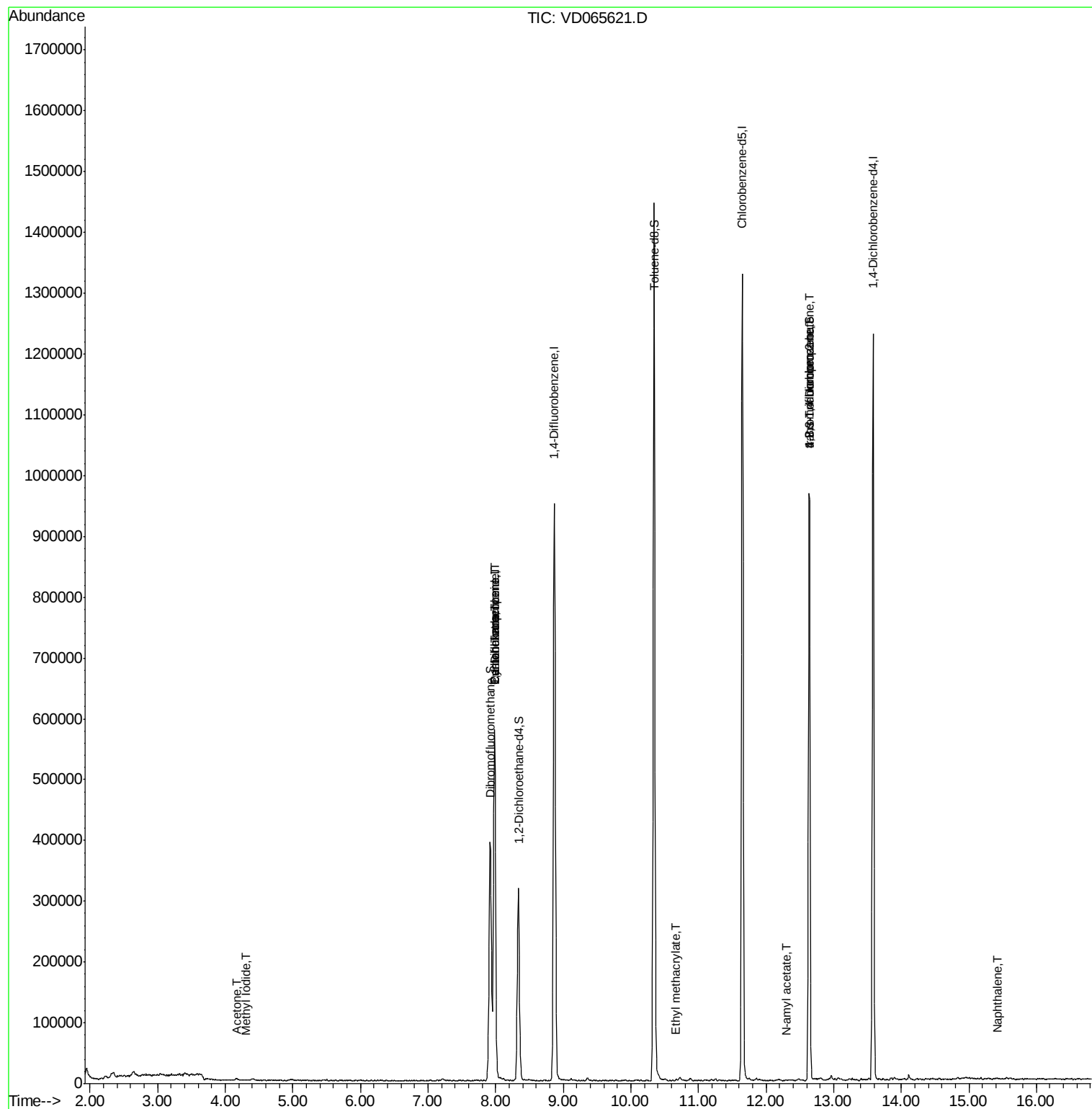
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	413	2.655	ug/l #	41
16) Acetone	4.17	43	4826	6.344	ug/l #	84
31) Cyclohexane	7.98	56	9508	1.265	ug/l #	15
36) 1,1-Dichloropropene	7.98	75	33013	3.859	ug/l #	48
38) Carbon Tetrachloride	7.98	117	40615	4.373	ug/l #	15
56) Ethyl methacrylate	10.67	69	205	3.348	ug/l #	81
74) N-amyl acetate	12.30	43	313	2.993	ug/l #	44
76) 1,2,3-Trichloropropane	12.64	75	152237	55.196	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	152237	127.854	ug/l #	13
95) Naphthalene	15.41	128	2527	4.198	ug/l #	85

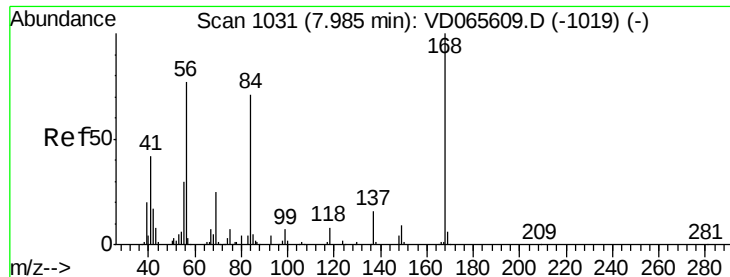
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041320\
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ClientSampleId :
TP-32

Quant Time: Apr 14 02:13:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampled :

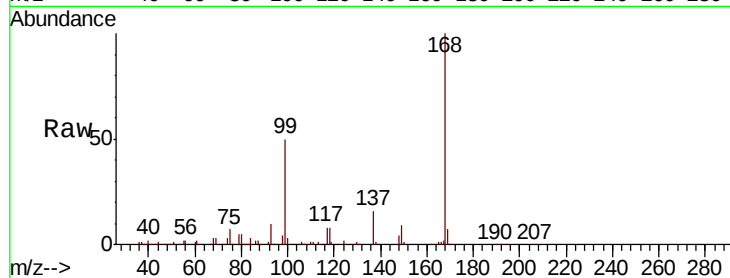
TP-32

Tot Ion:168 Resp: 445418

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

200000

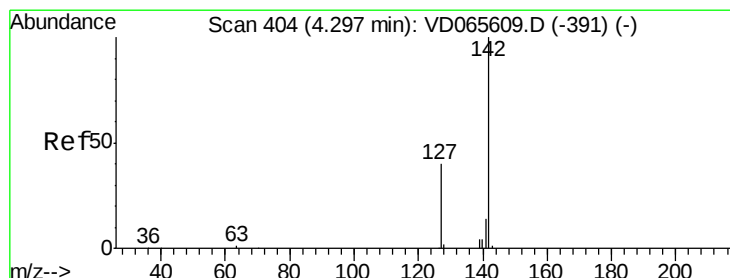
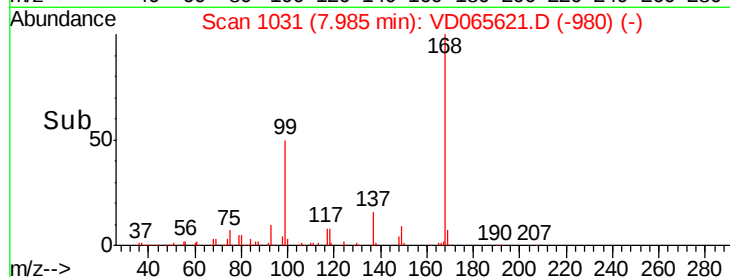
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 2.655 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

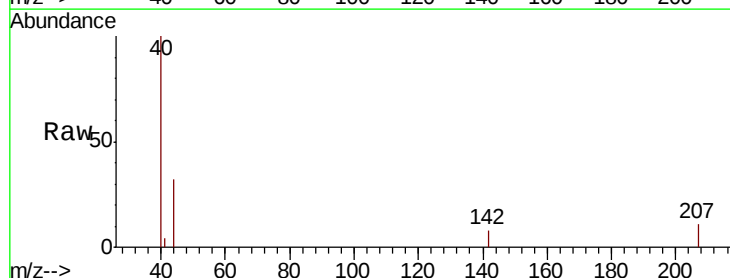
Tgt Ion:142 Resp: 413

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

400

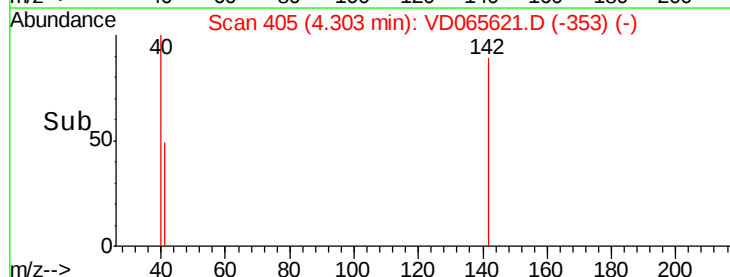
300

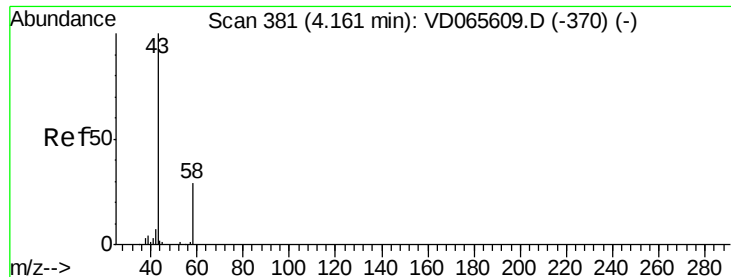
200

100

0

Time-->





#16

Acetone

Concen: 6.344 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

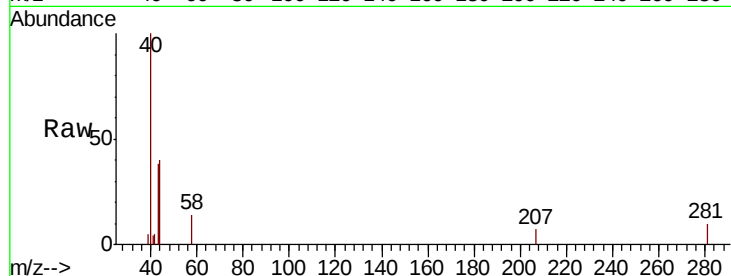
TP-32

Tot Ion: 43 Resp: 4826

Ion Ratio Lower Upper

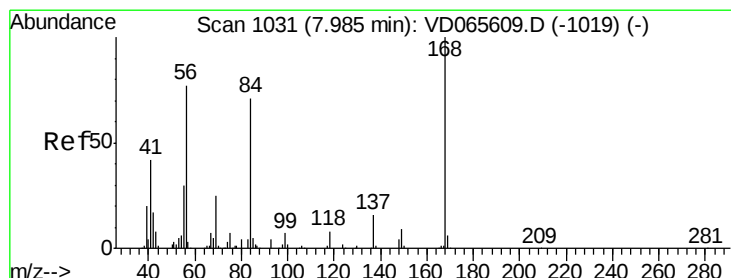
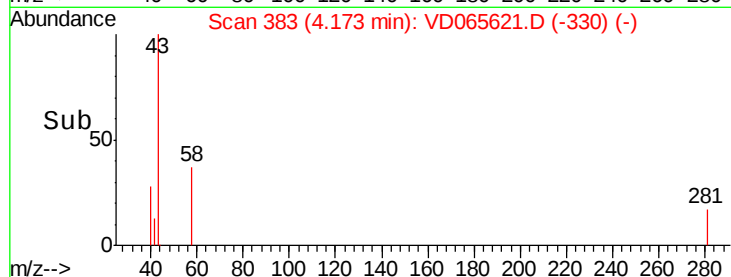
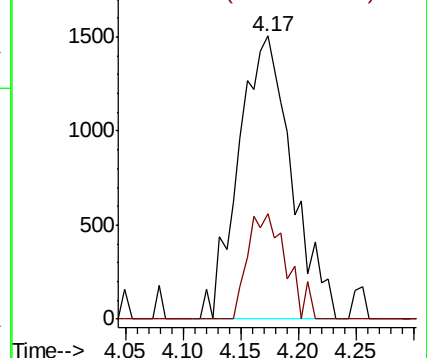
43 100

58 37.5 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.265 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

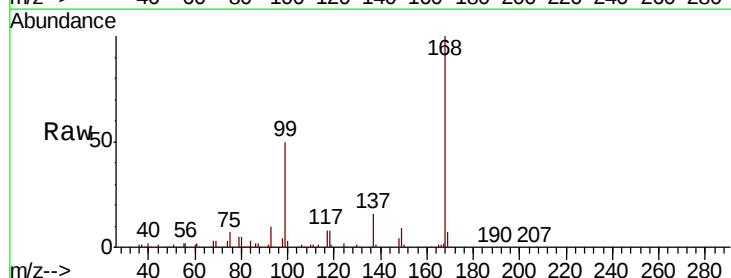
Tgt Ion: 56 Resp: 9508

Ion Ratio Lower Upper

56 100

69 155.9 26.2 39.4#

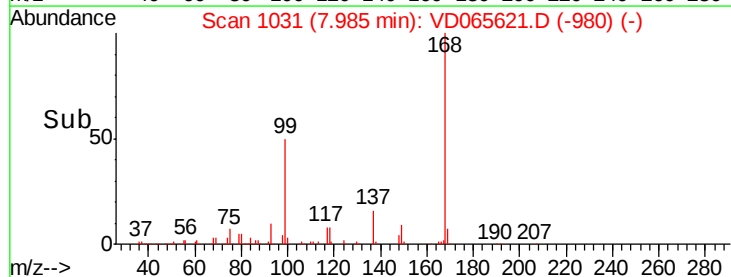
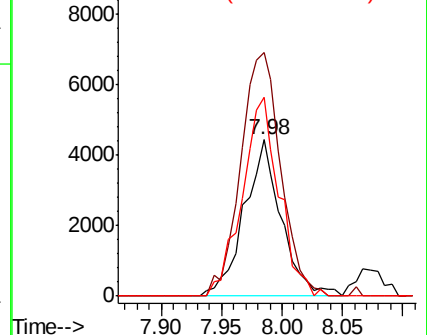
84 127.5 73.7 110.5#

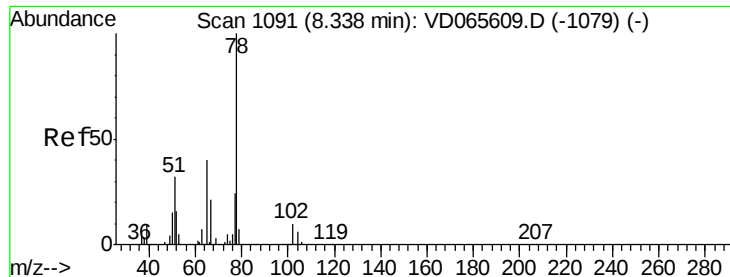


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

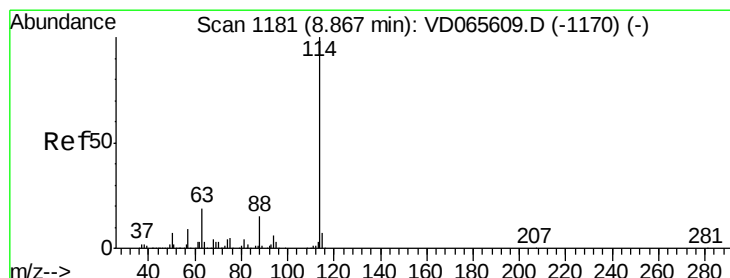
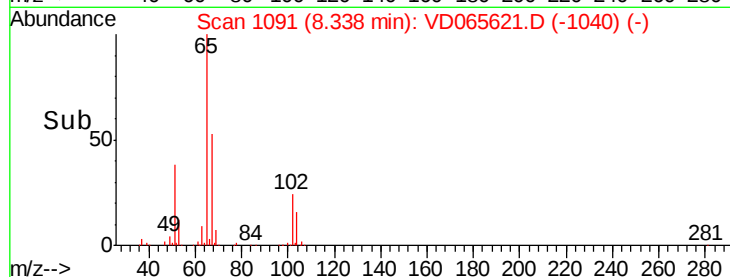
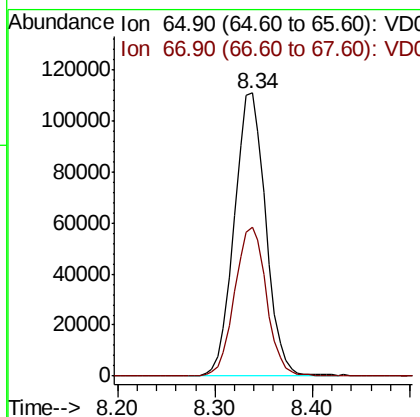
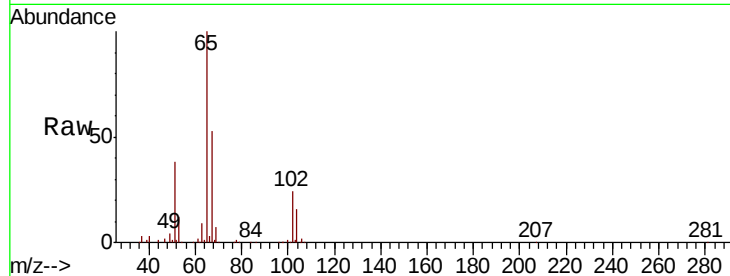




#33
 1,2-Dichloroethane-d4
 Concen: 59.149 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

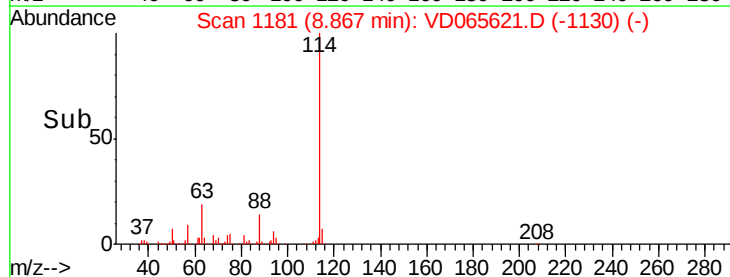
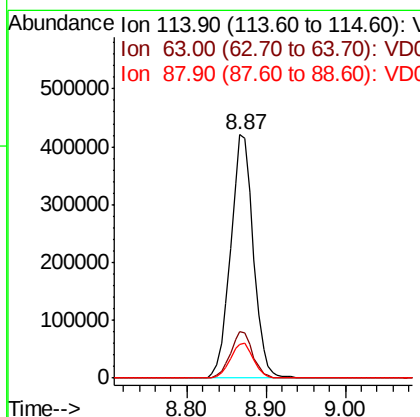
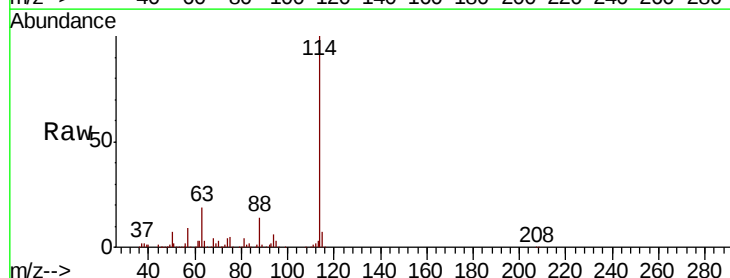
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

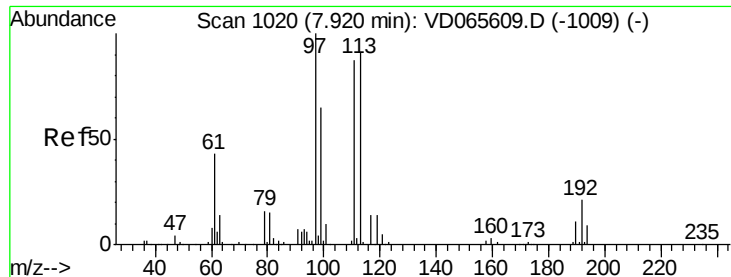
Tot Ion: 65 Resp: 249170
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

Tgt Ion: 114 Resp: 830861
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.2
 88 14.1 0.0 29.6

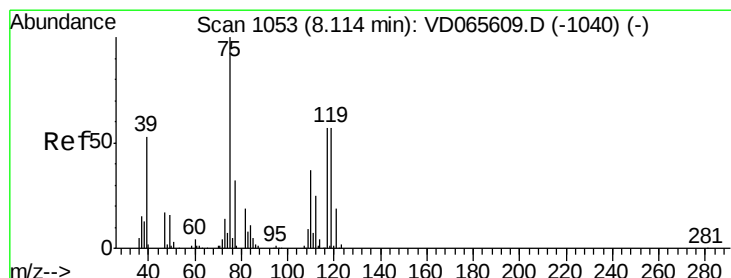
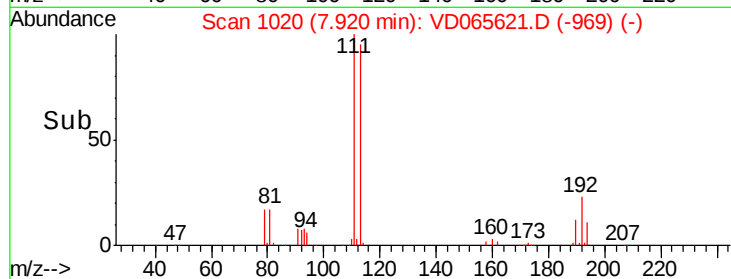
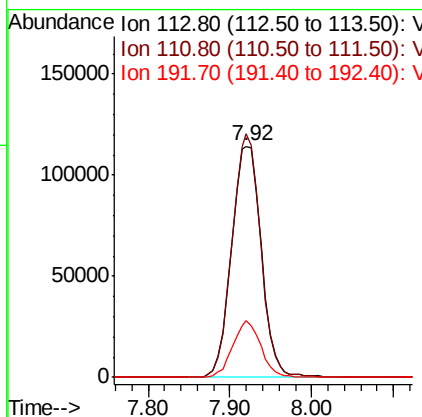
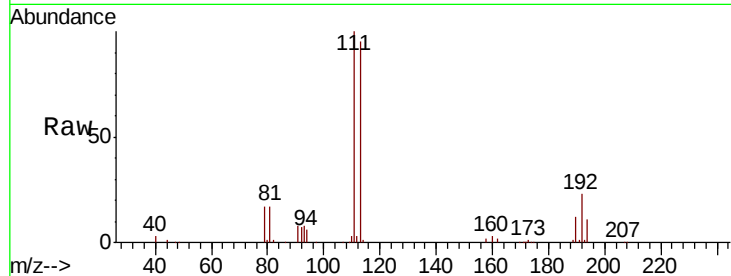




#35
 Dibromofluoromethane
 Concen: 49.953 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

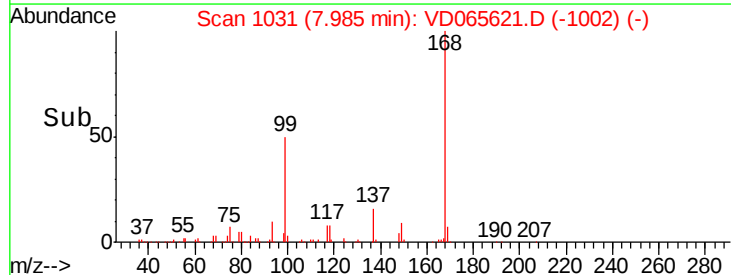
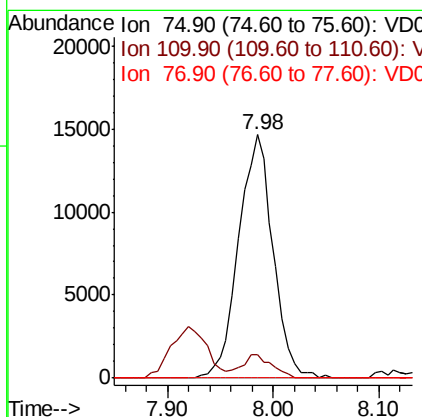
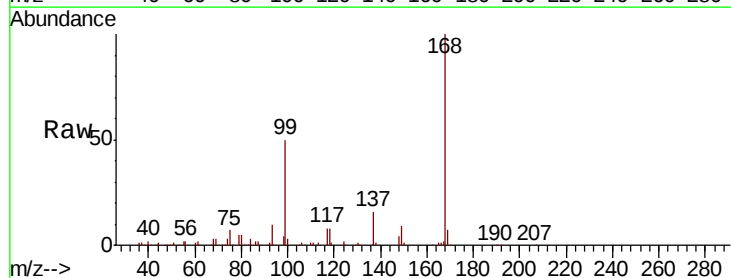
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

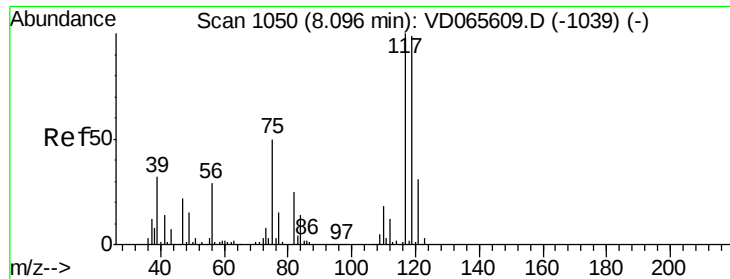
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.6	120.8
192	22.9	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 3.859 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	25.0	37.6#

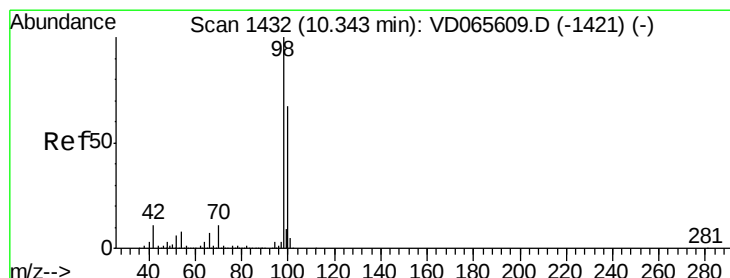
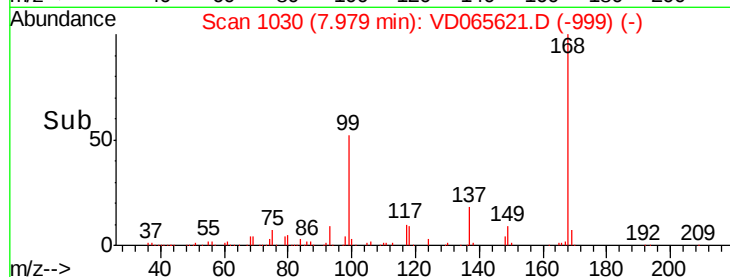
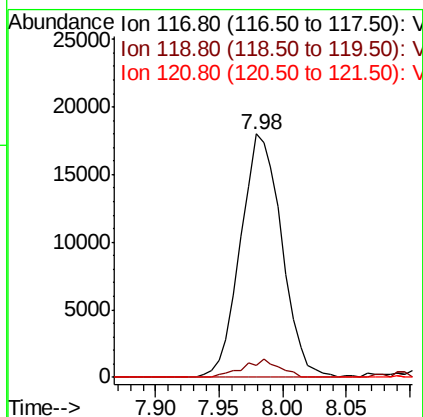
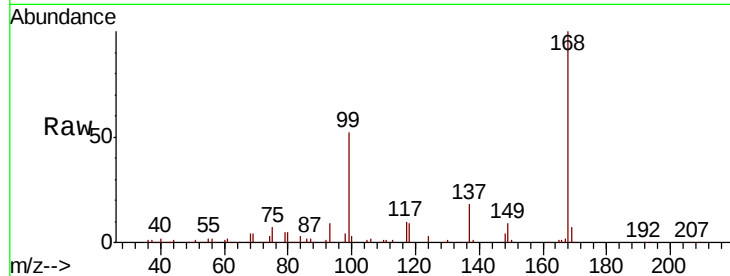




#38
Carbon Tetrachloride
Concen: 4.373 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

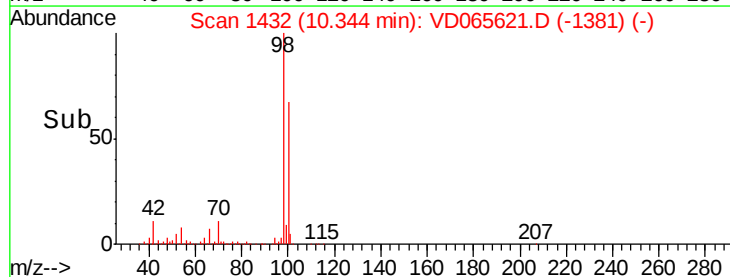
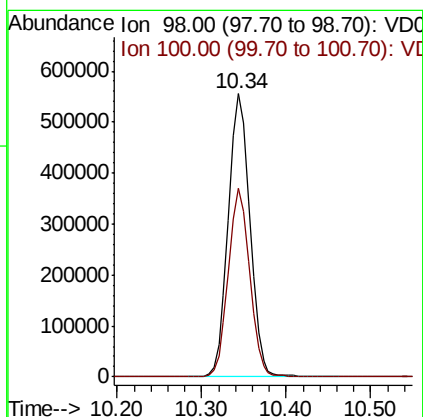
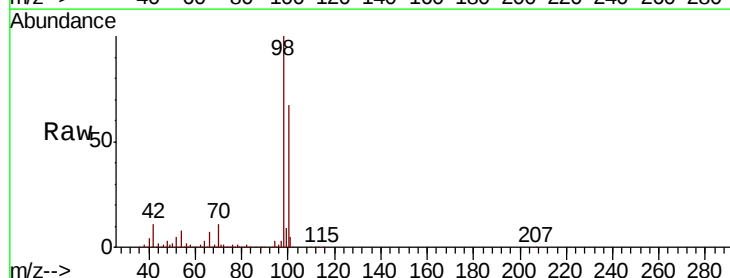
Instrument :
MSVOA_D
ClientSampleId :
TP-32

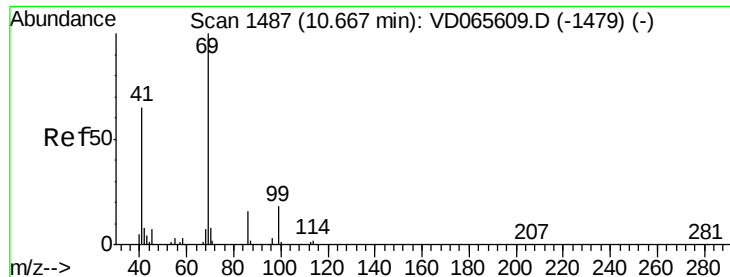
Tot Ion:117 Resp: 40615
Ion Ratio Lower Upper
117 100
119 5.1 78.9 118.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.405 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

Tgt Ion: 98 Resp: 983650
Ion Ratio Lower Upper
98 100
100 65.5 52.6 79.0





#56

Ethyl methacrylate

Concen: 3.348 ug/l

RT: 10.67 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampled :

TP-32

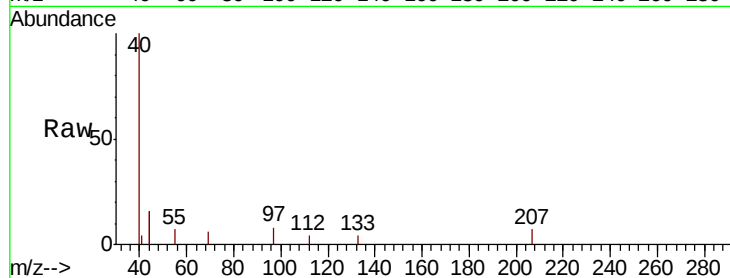
Tot Ion: 69 Resp: 205

Ion Ratio Lower Upper

69 100

41 68.3 54.4 81.6

39 0.0 26.5 39.7#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

400

300

200

100

0

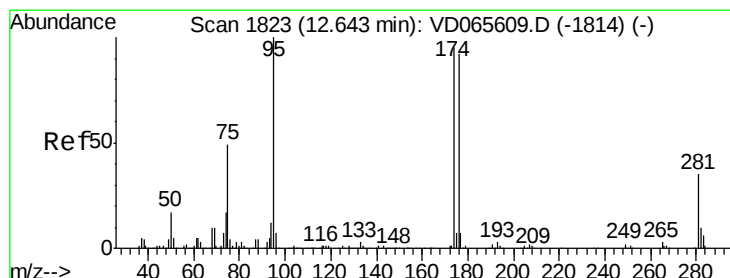
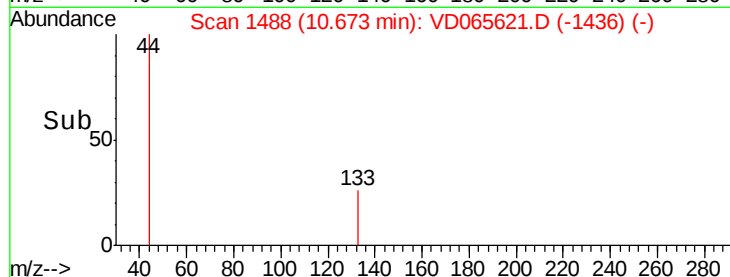
10.66

10.67

10.68

10.70

Time-->



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

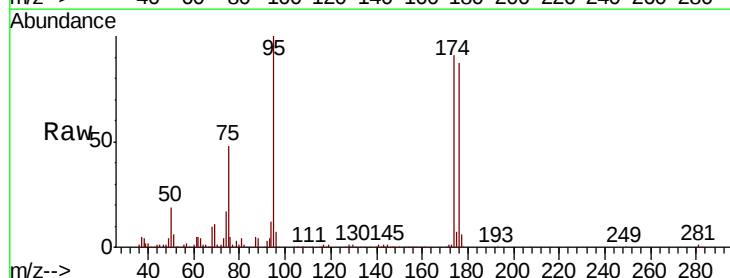
Tgt Ion: 95 Resp: 310743

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

176 90.6 0.0 176.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

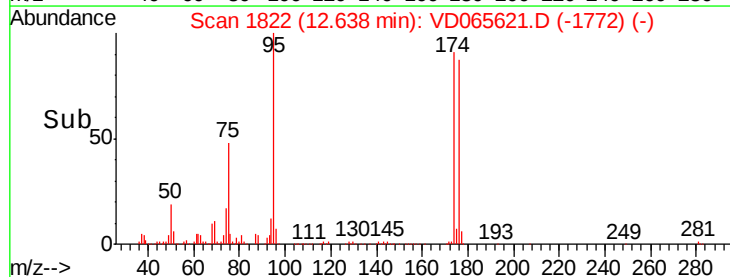
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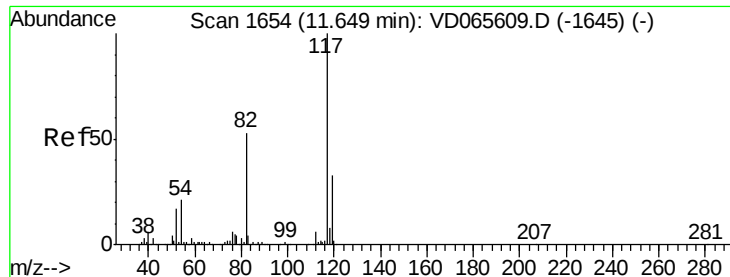
12.60

12.64

12.70

Time-->

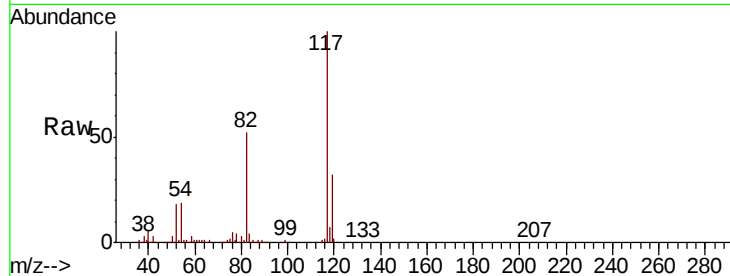




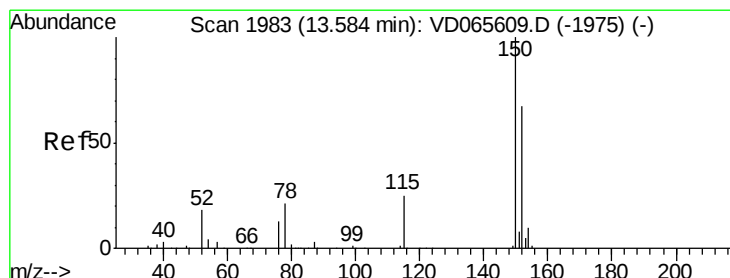
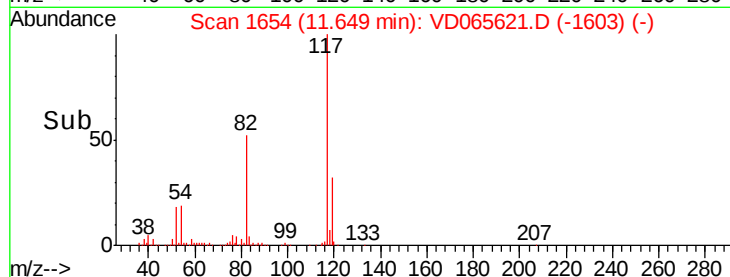
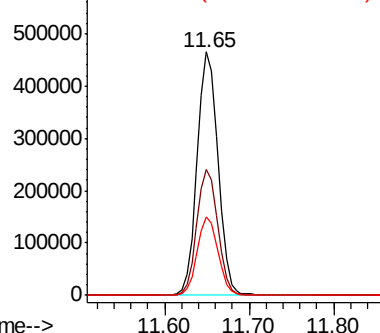
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

Instrument :
MSVOA_D
ClientSampleId :
TP-32

Tot Ion:117 Resp: 793358
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.4 26.7 40.1

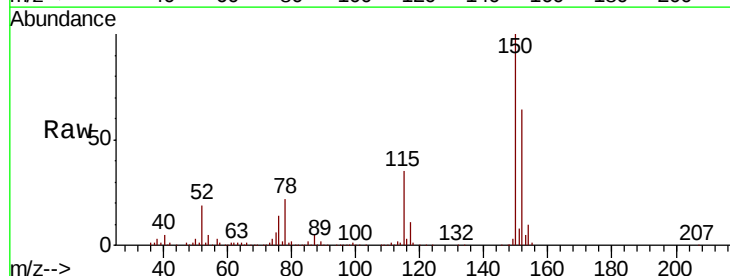


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

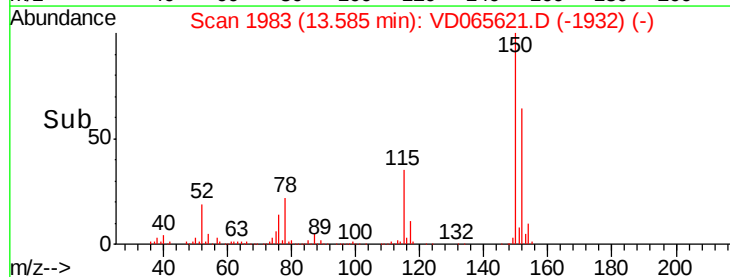
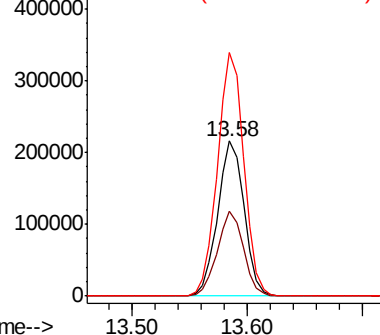


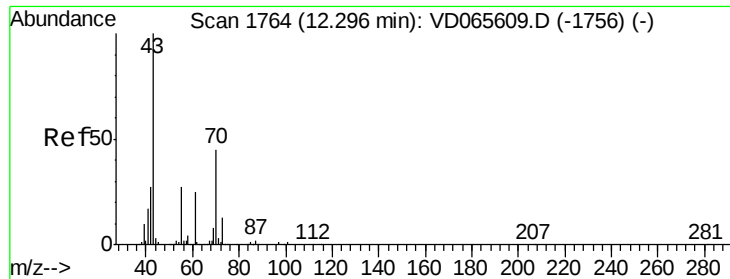
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

Tgt Ion:152 Resp: 343896
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 156.1 0.0 348.2



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





#74

N-amvl acetate

Concen: 2.993 ug/l

RT: 12.30 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

TP-32

Tot Ion: 43 Resp: 313

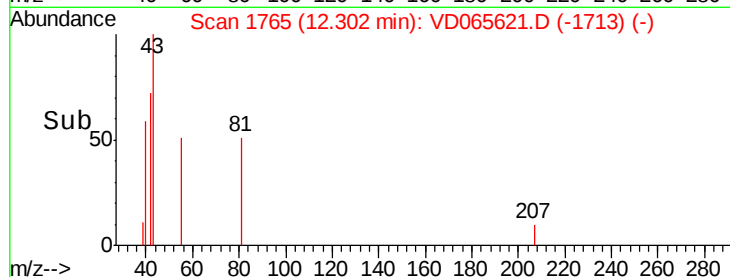
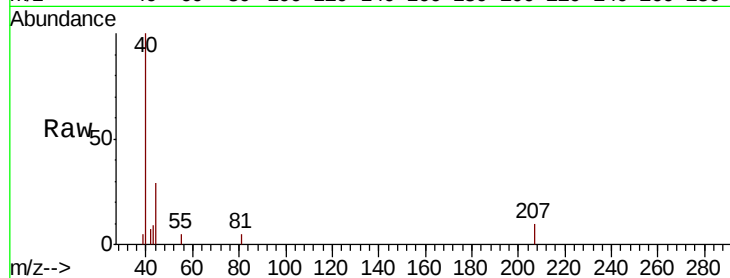
Ion Ratio Lower Upper

43 100

70 0.0 35.2 52.8#

55 51.1 22.5 33.7#

61 0.0 19.4 29.0#

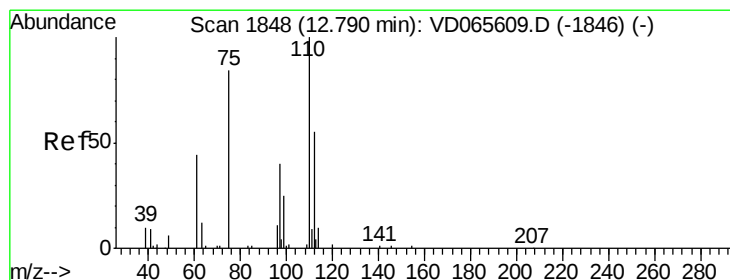
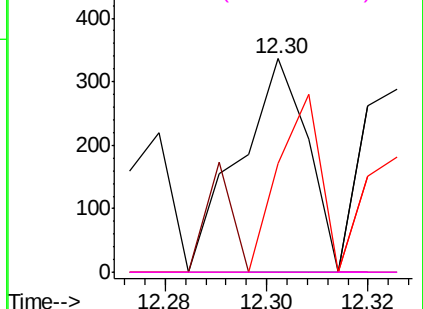


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



#76

1,2,3-Trichloropropane

Concen: 55.196 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065621.D

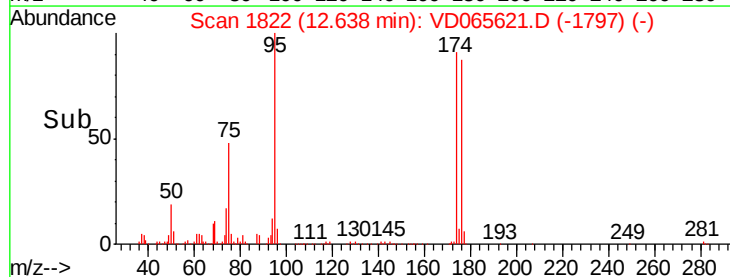
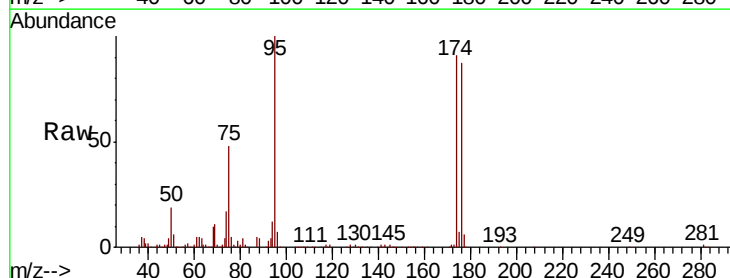
Acq: 13 Apr 2020 17:15

Tgt Ion: 75 Resp: 152237

Ion Ratio Lower Upper

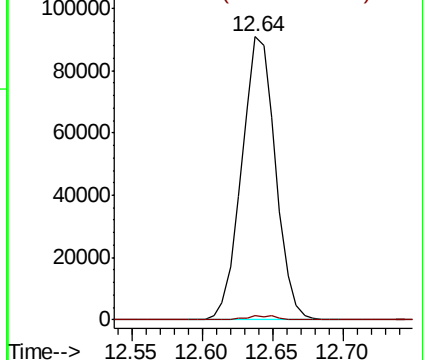
75 100

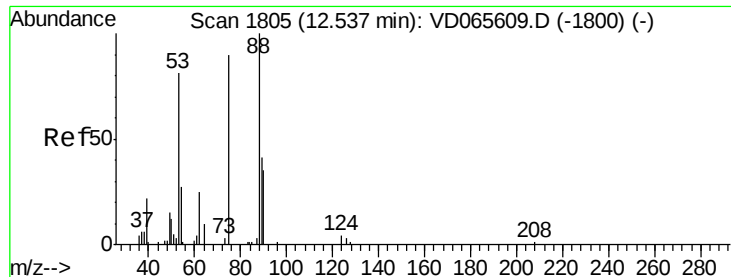
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 127.854 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

TP-32

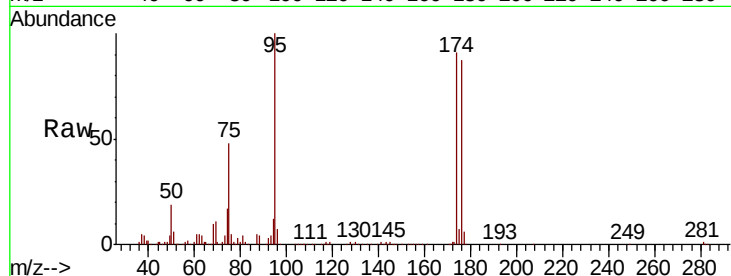
Tot Ion: 75 Resp: 152237

Ion Ratio Lower Upper

75 100

53 0.2 73.8 110.8#

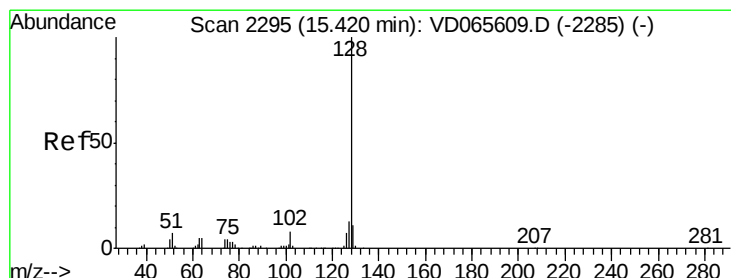
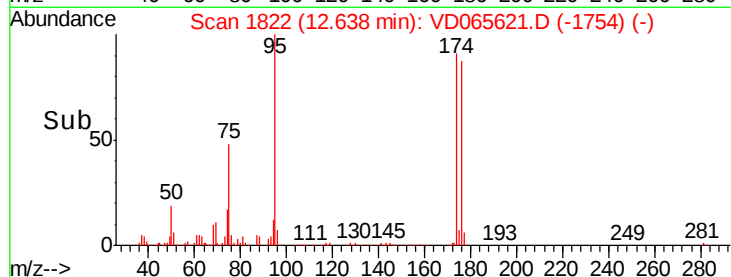
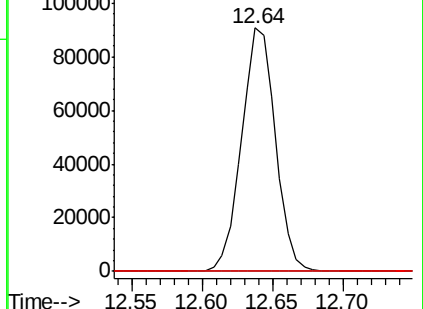
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#95

Naphthalene

Concen: 4.198 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

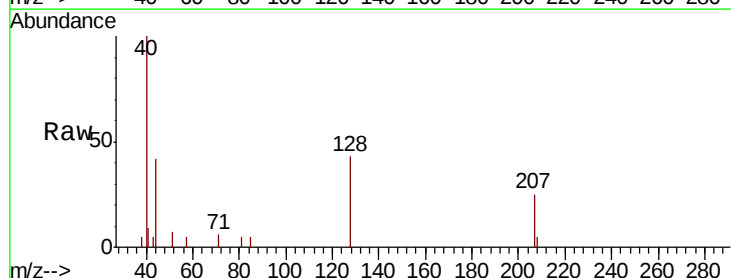
Tgt Ion: 128 Resp: 2527

Ion Ratio Lower Upper

128 100

127 6.3 10.6 15.8#

129 6.2 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

