

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065504.D
 Acq On : 13 Mar 2020 15:21
 Operator : VA/SY
 Sample : L1933-01
 Misc : 8.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 16 01:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

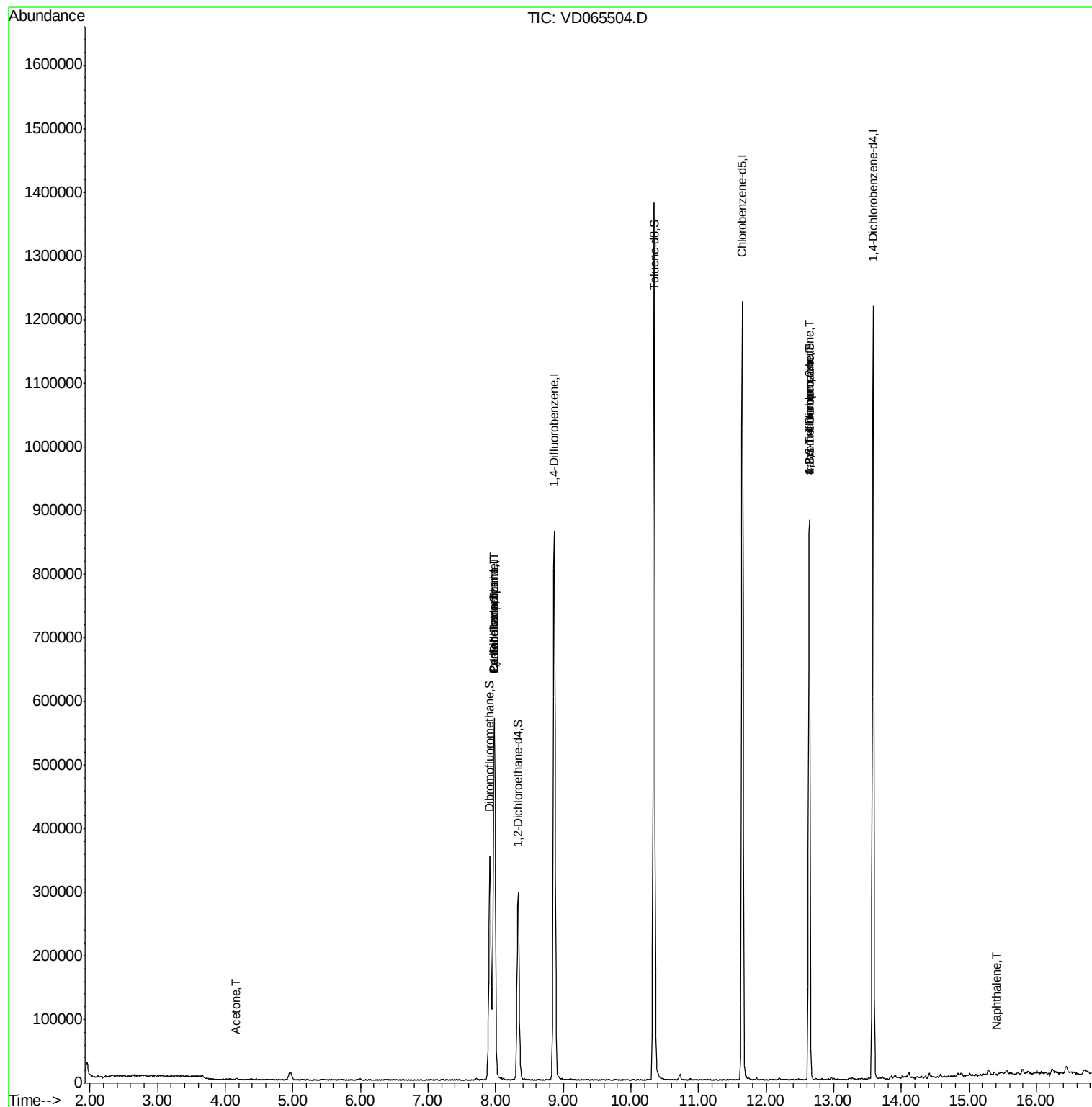
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	451598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	727440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236441	61.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.08%	
35) Dibromofluoromethane	7.92	113	254188	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.34	98	927185	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.64	95	285665	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.78	94	854	Below Cal	#	68
16) Acetone	4.16	43	2642	3.372 ug/l	#	75
20) Methylene Chloride	4.96	84	9714	Below Cal	#	92
31) Cyclohexane	7.98	56	9055	1.177 ug/l	#	1
36) 1,1-Dichloropropene	7.98	75	31423	4.277 ug/l	#	48
38) Carbon Tetrachloride	7.98	117	41875	5.497 ug/l	#	18
76) 1,2,3-Trichloropropane	12.64	75	140092	52.567 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	140092	110.931 ug/l	#	14
95) Naphthalene	15.41	128	1547	4.536 ug/l	#	84

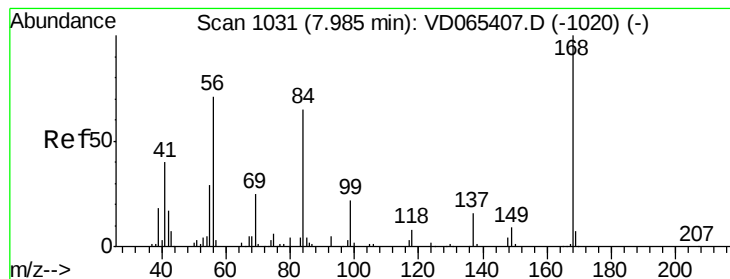
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031320\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

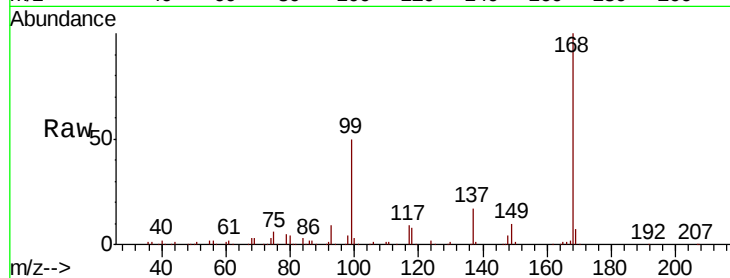
ClientSampled :

Tot Ion:168 Resp: 451598

Ion Ratio Lower Upper

168 100

99 50.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

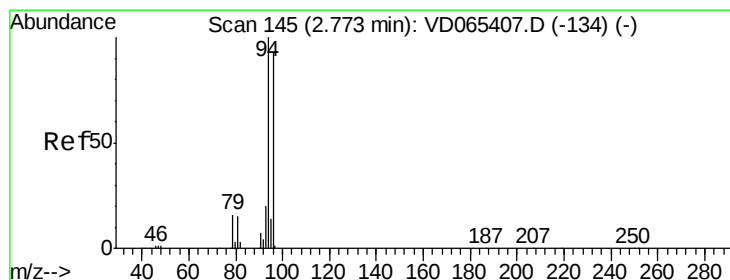
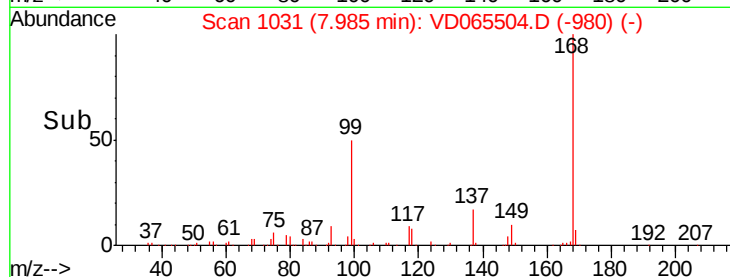
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065504.D

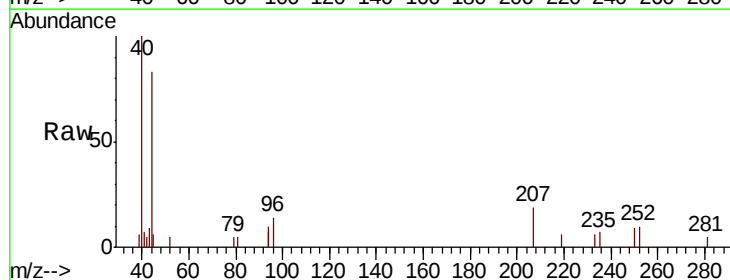
Acq: 13 Mar 2020 15:21

Tgt Ion: 94 Resp: 854

Ion Ratio Lower Upper

94 100

96 62.1 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

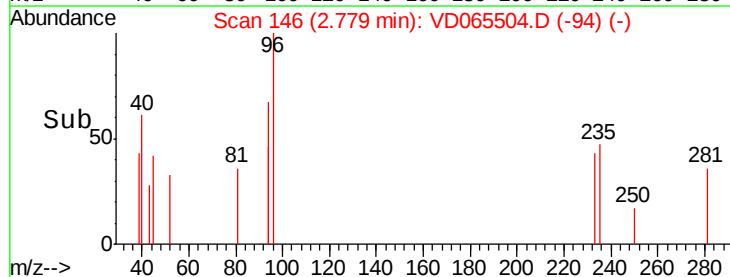
600

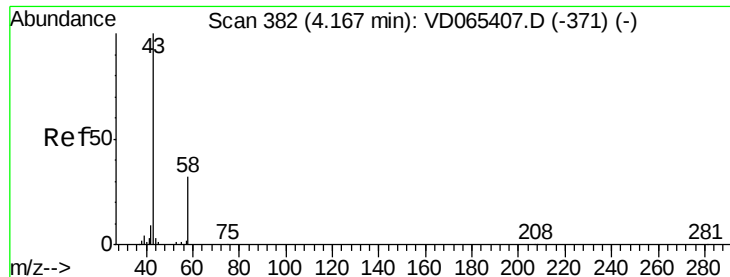
400

200

0

Time-->





#16

Acetone

Concen: 3.372 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

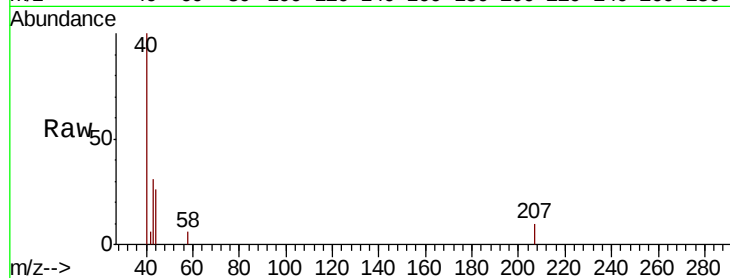
ClientSampleId :

Tot Ion: 43 Resp: 2642

Ion Ratio Lower Upper

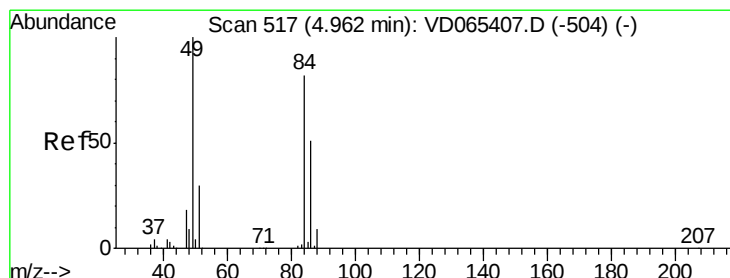
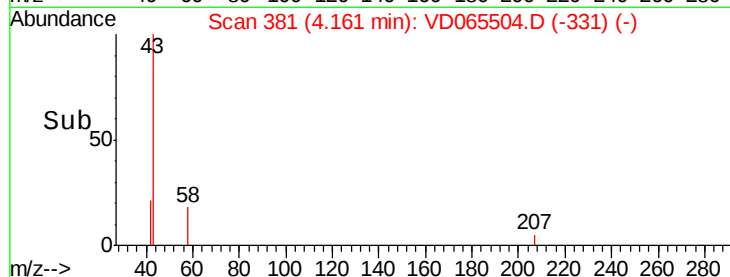
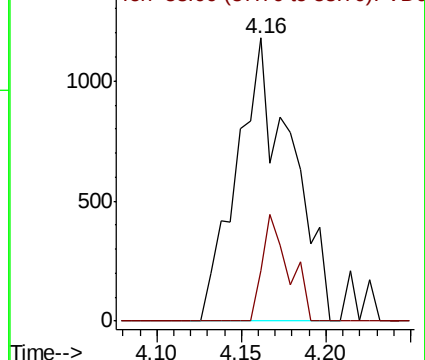
43 100

58 17.7 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Tgt Ion: 84 Resp: 9714

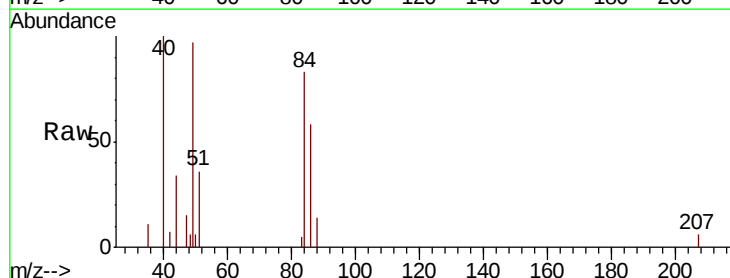
Ion Ratio Lower Upper

84 100

49 116.9 97.7 146.5

51 44.0 28.8 43.2#

86 70.0 49.5 74.3

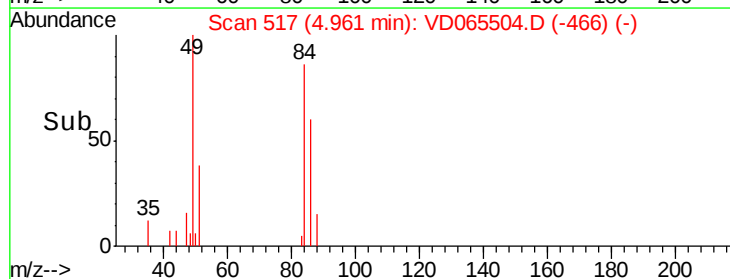
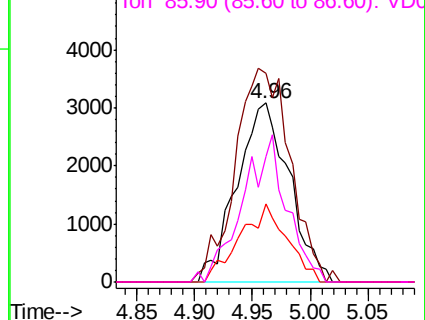


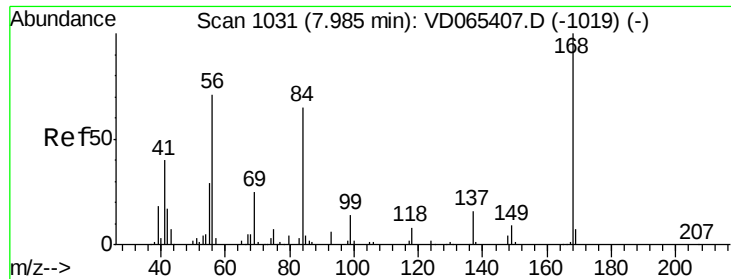
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

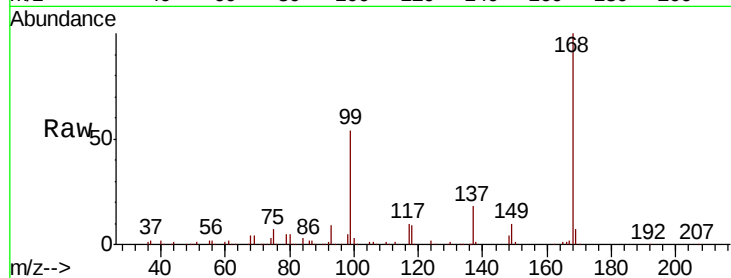




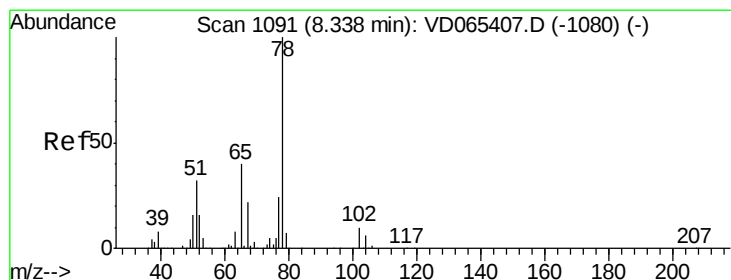
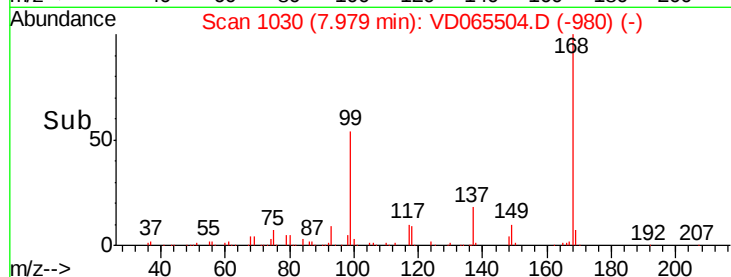
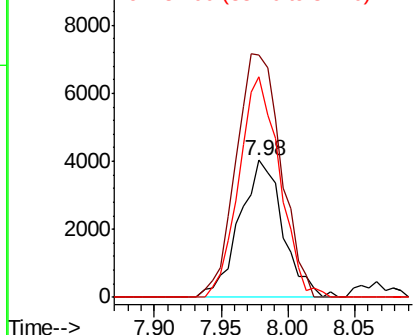
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 9055
Ion Ratio Lower Upper
56 100
69 176.6 28.3 42.5#
84 160.7 73.1 109.7#

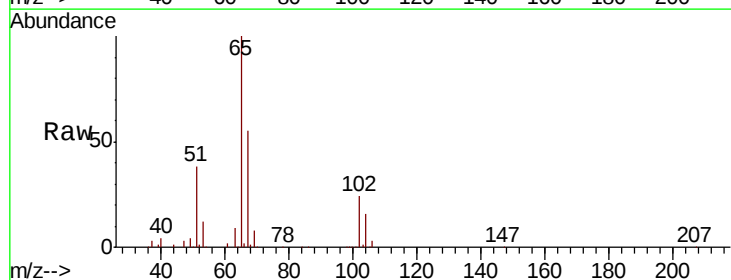


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

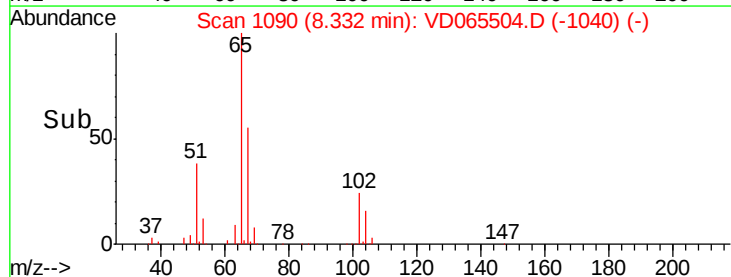
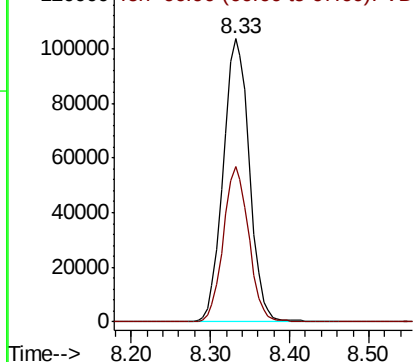


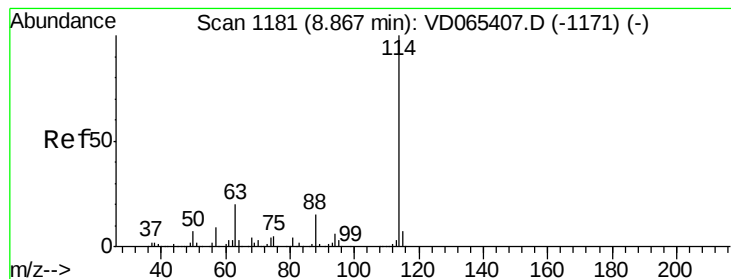
#33
1,2-Dichloroethane-d4
Concen: 61.036 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

Tgt Ion: 65 Resp: 236441
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

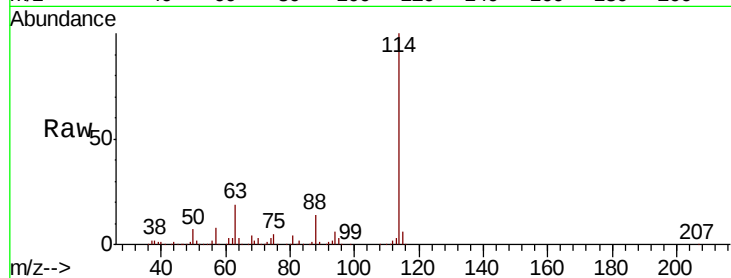
Tot Ion:114 Resp: 766442

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

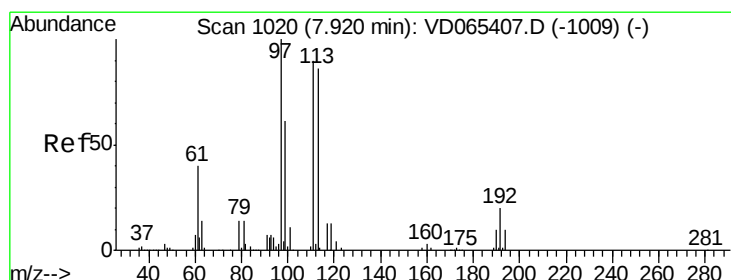
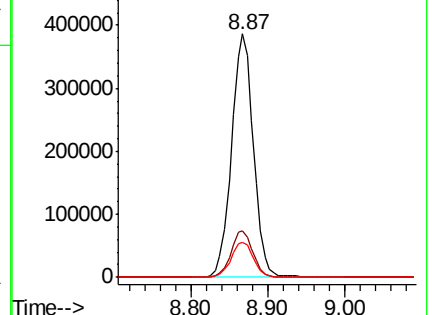
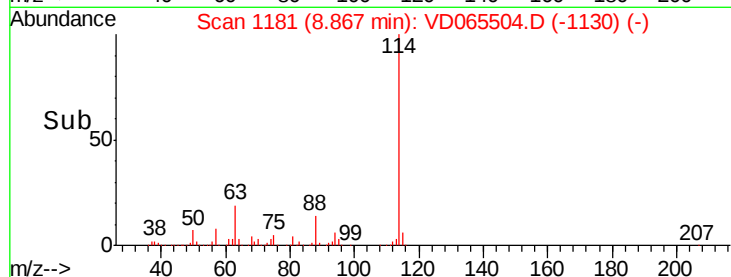
88 14.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.629 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

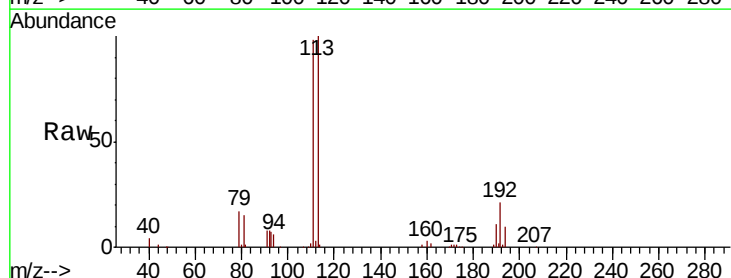
Tgt Ion:113 Resp: 254188

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

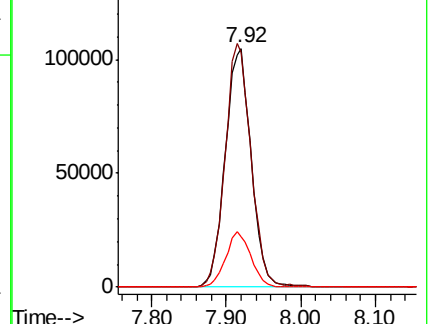
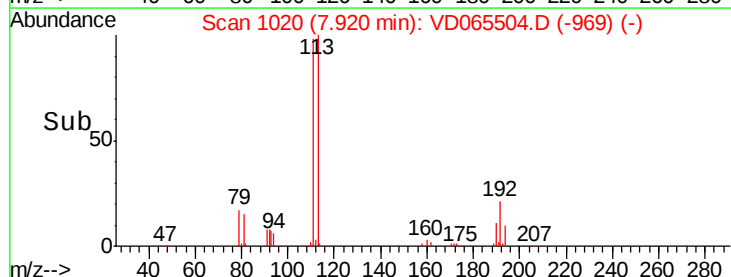
192 22.4 17.2 25.8

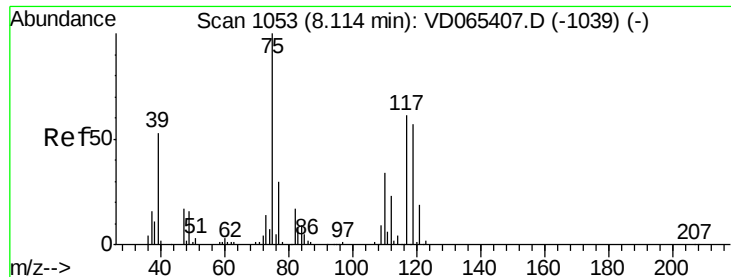


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

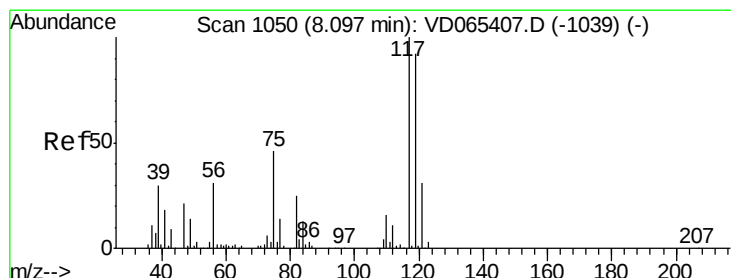
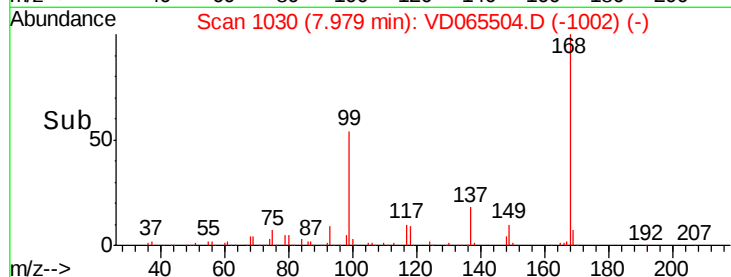
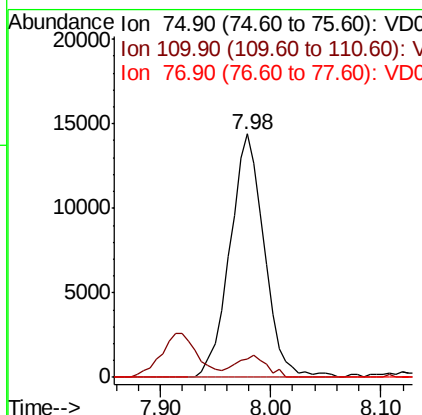
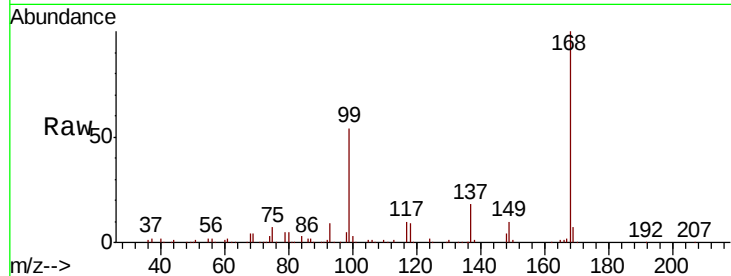




#36
 1,1-Dichloropropene
 Concen: 4.277 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065504.D
 Acq: 13 Mar 2020 15:21

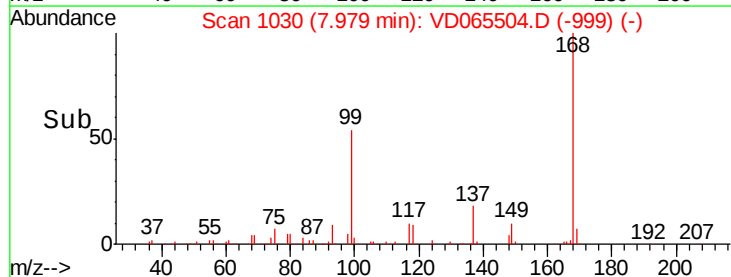
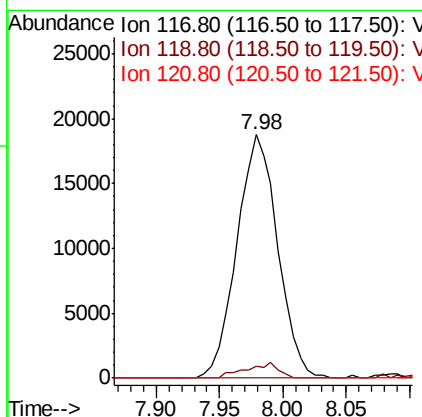
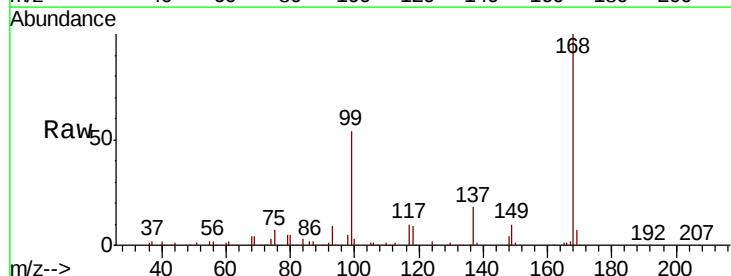
Instrument :
 MSVOA_D
 ClientSampleId :

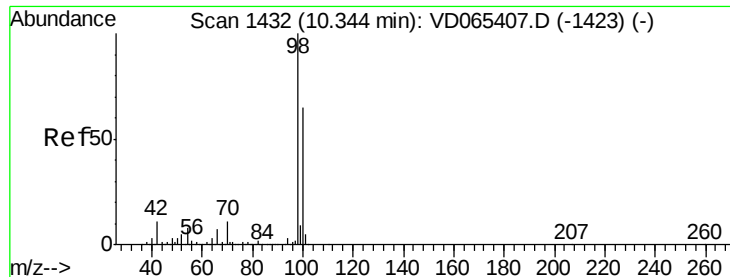
Tot Ion	75	Resp	31423
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	18.1	54.1#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.497 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065504.D
 Acq: 13 Mar 2020 15:21

Tgt Ion	117	Resp	41875
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.1	73.3	109.9#
121	0.0	25.0	37.4#





#50

Toluene-d8

Concen: 50.991 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

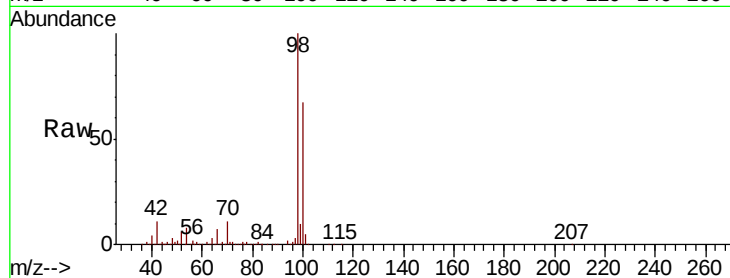
ClientSampleId :

Tot Ion: 98 Resp: 927185

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

600000

500000

400000

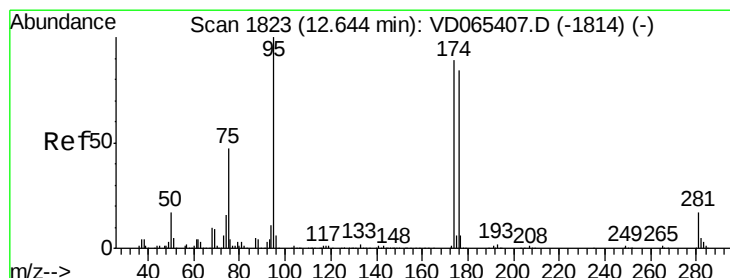
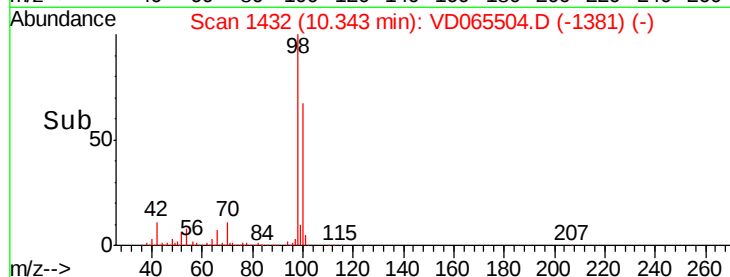
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.890 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

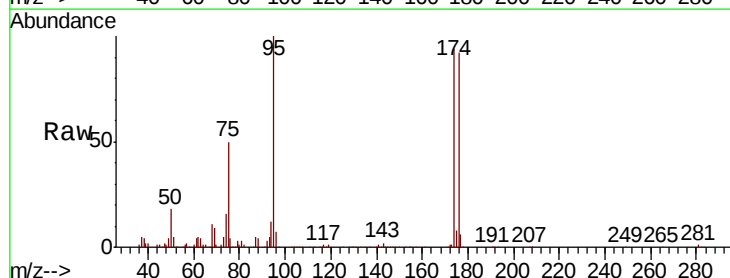
Tgt Ion: 95 Resp: 285665

Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.8

176 87.8 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

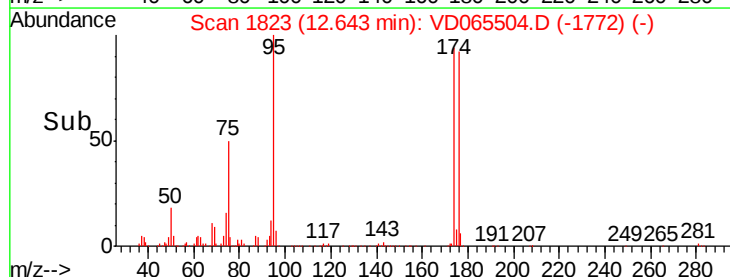
150000

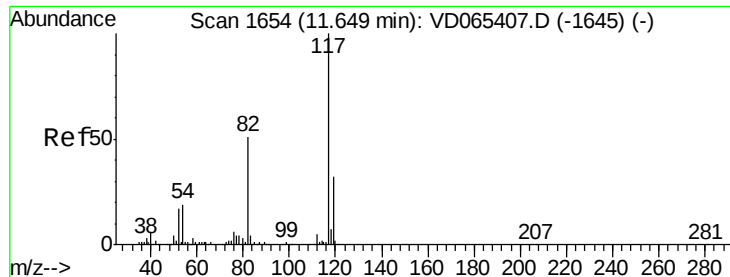
100000

50000

0

Time-->

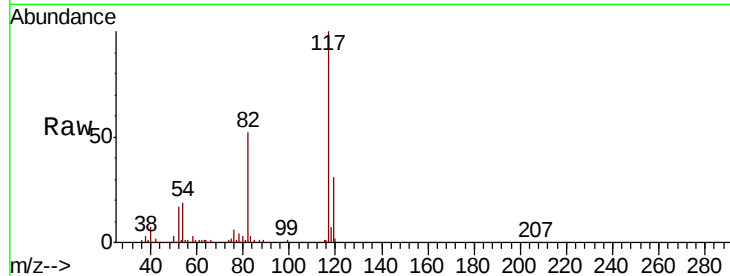




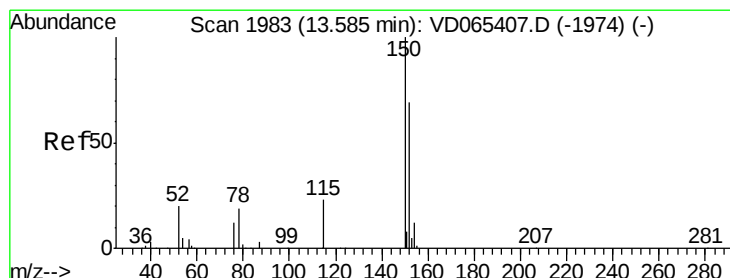
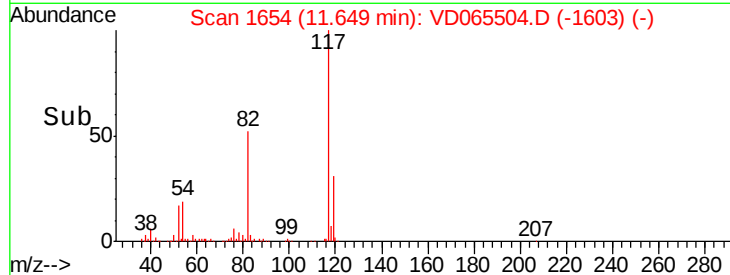
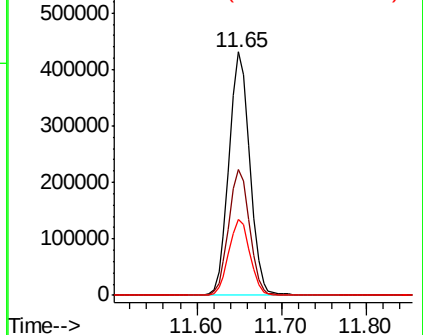
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 727440
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 31.3 25.4 38.2

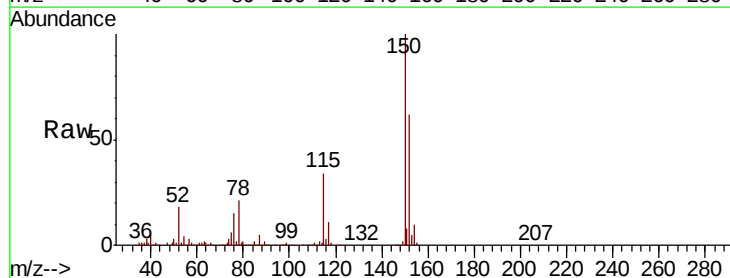


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

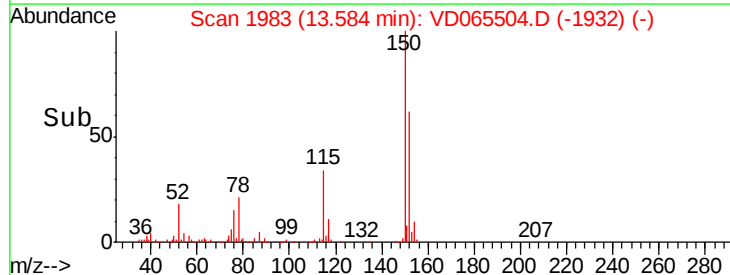
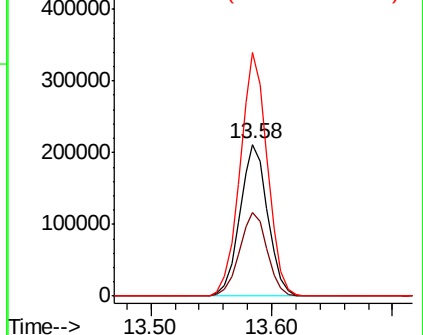


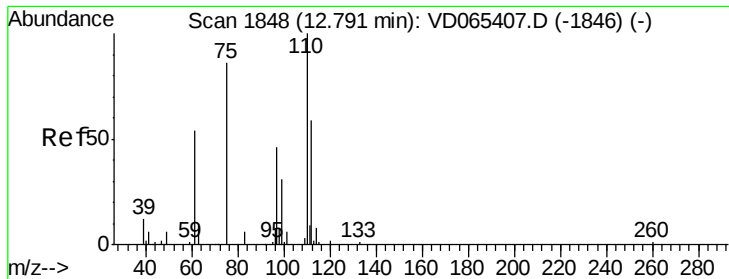
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065504.D
Acq: 13 Mar 2020 15:21

Tgt Ion:152 Resp: 337738
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 157.5 0.0 345.0



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





#76

1,2,3-Trichloropropane

Concen: 52.567 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

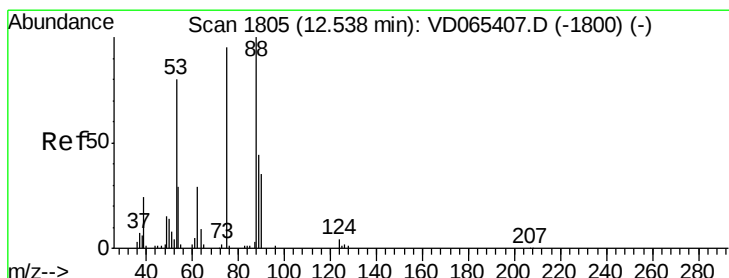
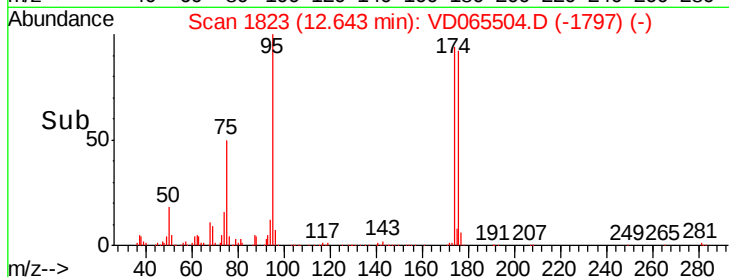
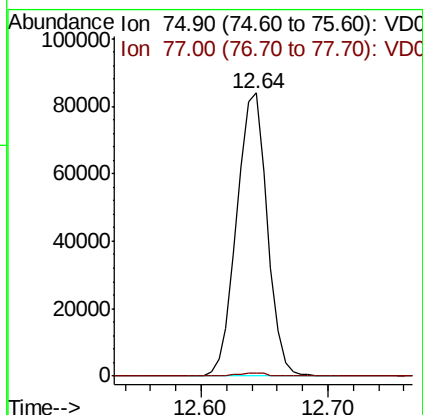
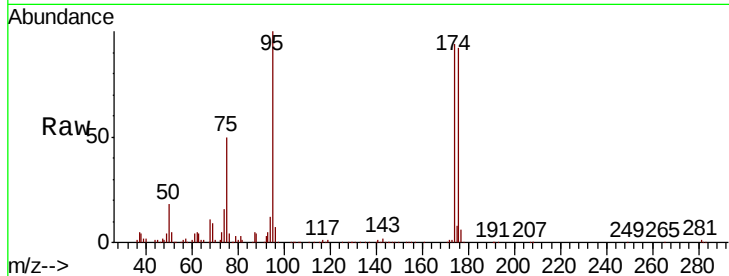
ClientSampleId :

Tot Ion: 75 Resp: 140092

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.931 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

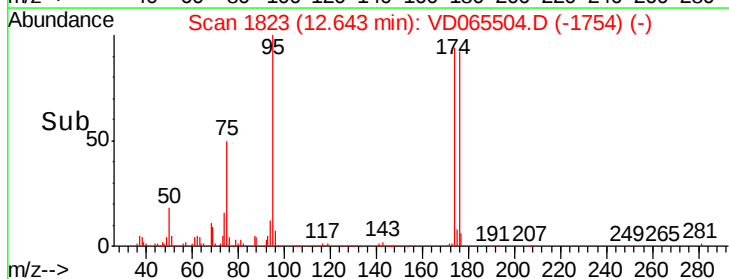
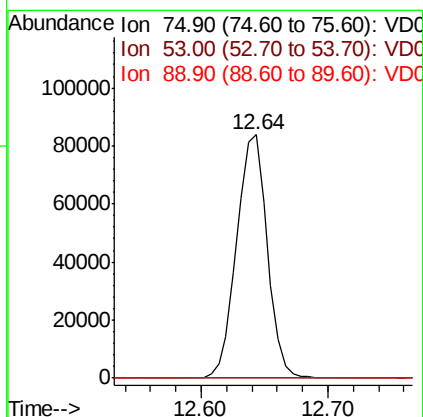
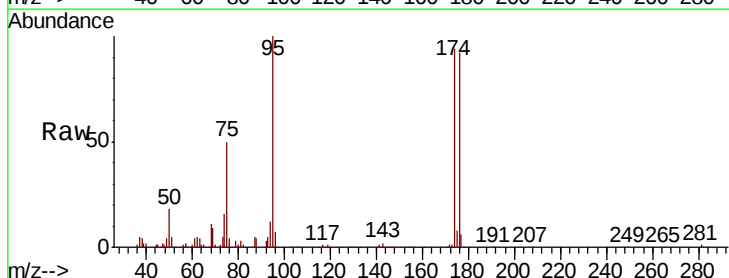
Tgt Ion: 75 Resp: 140092

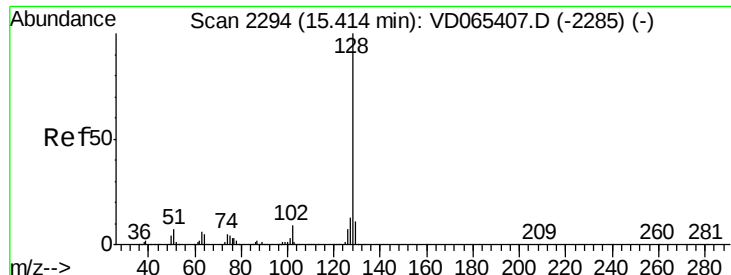
Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 4.536 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

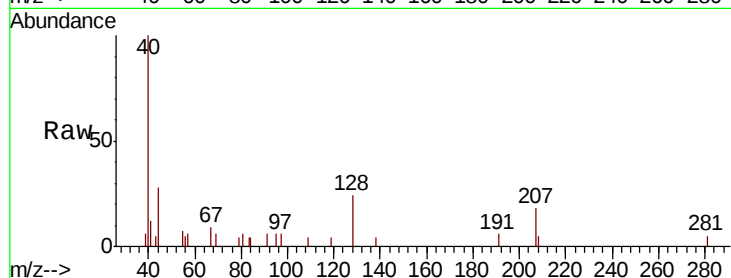
Lab File: VD065504.D

Acq: 13 Mar 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :



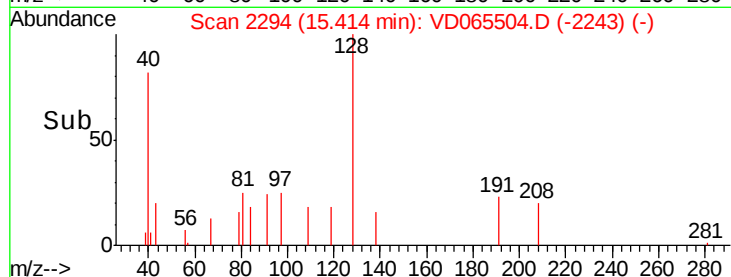
Tot Ion:128 Resp: 1547

Ion Ratio Lower Upper

128 100

127 4.0 10.6 16.0#

129 8.3 8.7 13.1#



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

