

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065447.D
 Acq On : 09 Mar 2020 13:57
 Operator : VA/SY
 Sample : L1844-03
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 10 12:21:21 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

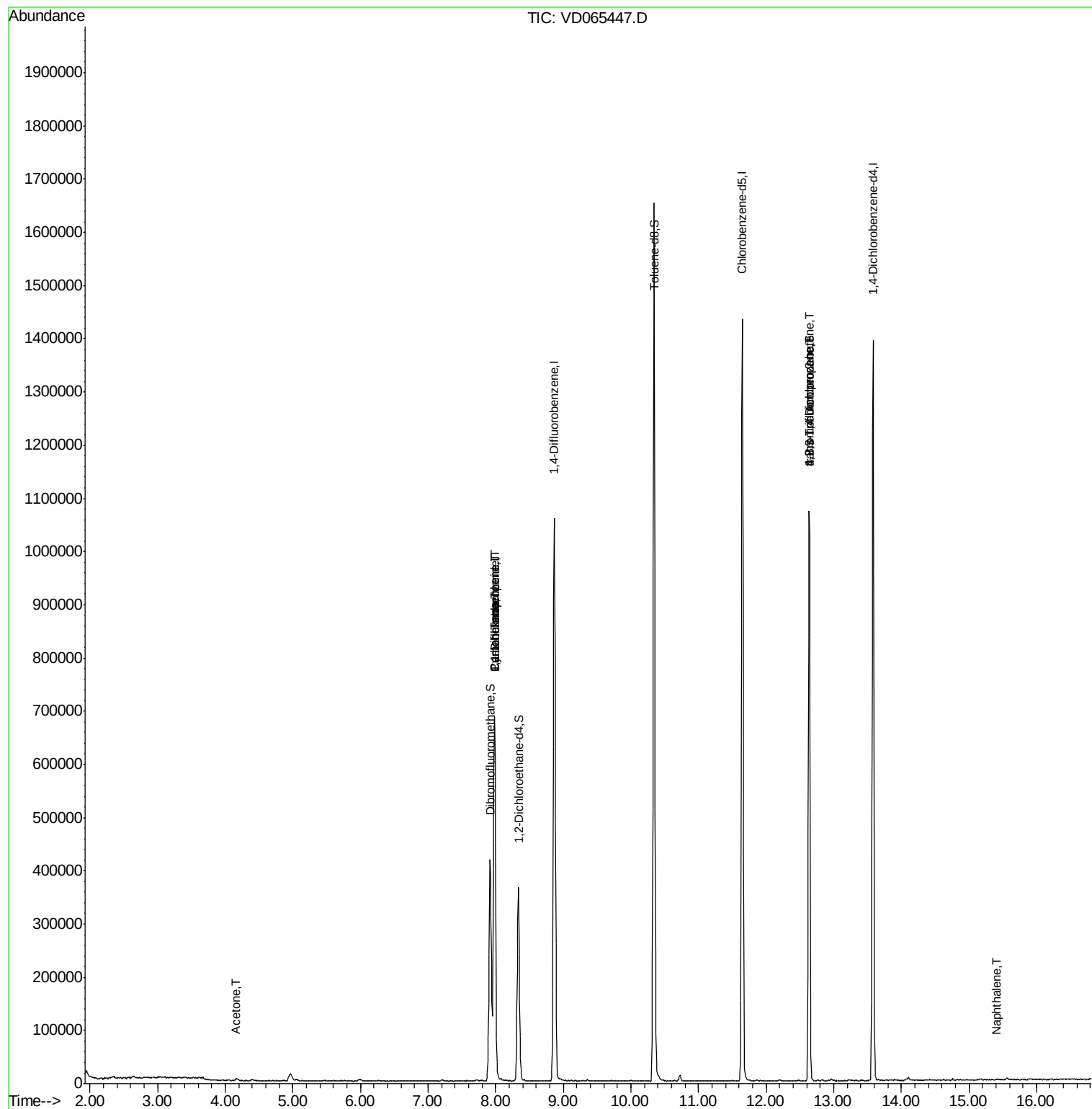
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	548694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	935526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	286695	60.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.82%	
35) Dibromofluoromethane	7.92	113	304697	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.34	98	1126068	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.64	95	348376	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
5) Bromomethane	2.79	94	551	Below Cal		97
16) Acetone	4.16	43	6744	7.085 ug/l		91
20) Methylene Chloride	4.96	84	11521	Below Cal		95
31) Cyclohexane	7.98	56	10842	1.160 ug/l #		1
36) 1,1-Dichloropropene	7.98	75	37551	4.187 ug/l #		49
38) Carbon Tetrachloride	7.98	117	49719	5.347 ug/l #		19
76) 1,2,3-Trichloropropane	12.64	75	165424	54.366 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.64	75	165424	114.729 ug/l #		14
95) Naphthalene	15.41	128	1075	4.486 ug/l #		69

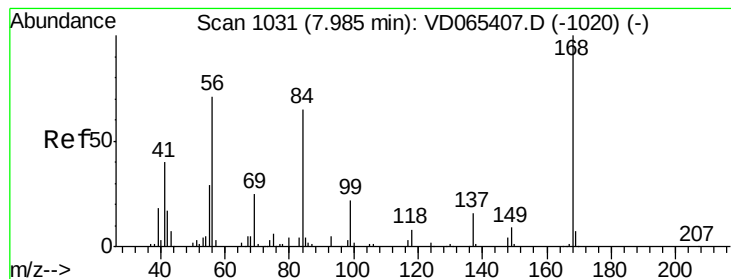
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

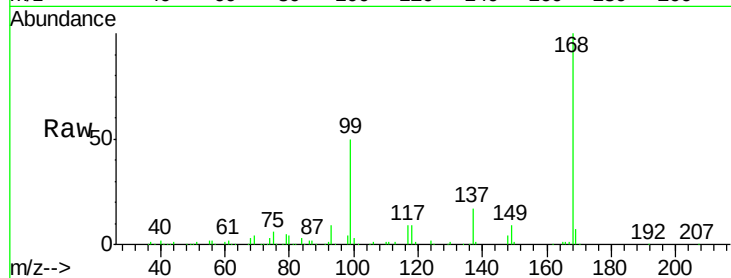
ClientSampleId :

Tot Ion:168 Resp: 548694

Ion Ratio Lower Upper

168 100

99 49.9 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

250000

200000

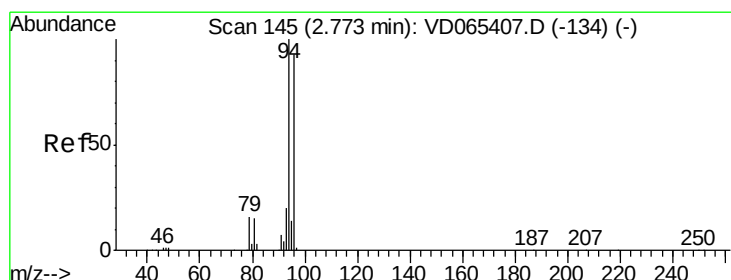
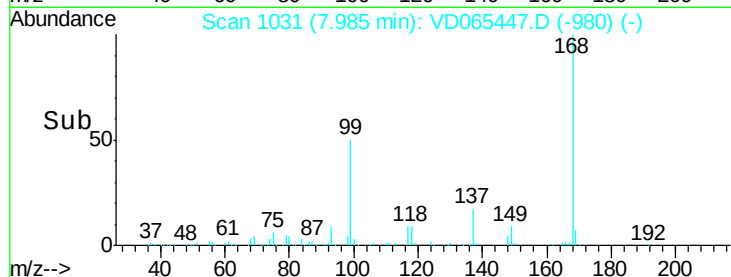
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD065447.D

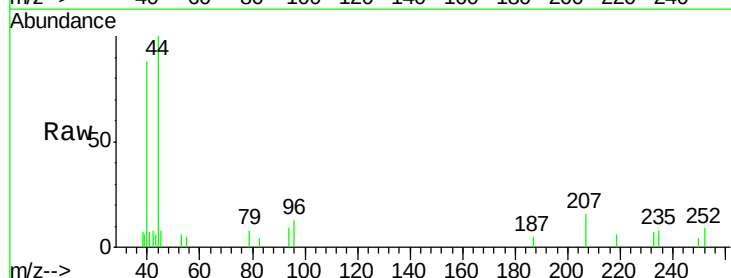
Acq: 09 Mar 2020 13:57

Tgt Ion: 94 Resp: 551

Ion Ratio Lower Upper

94 100

96 96.2 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

500

400

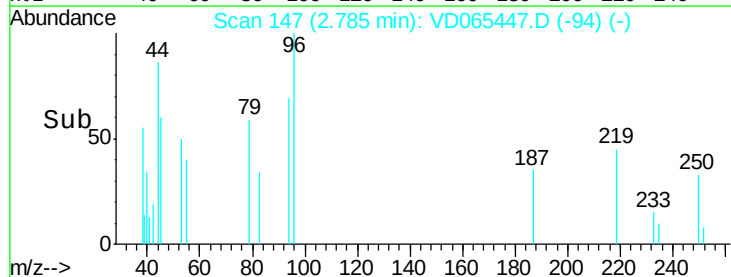
300

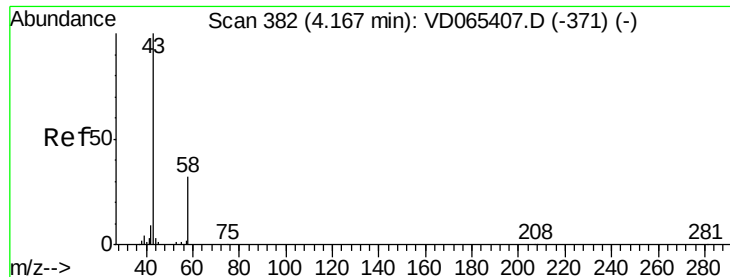
200

100

0

Time-->





#16

Acetone

Concen: 7.085 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

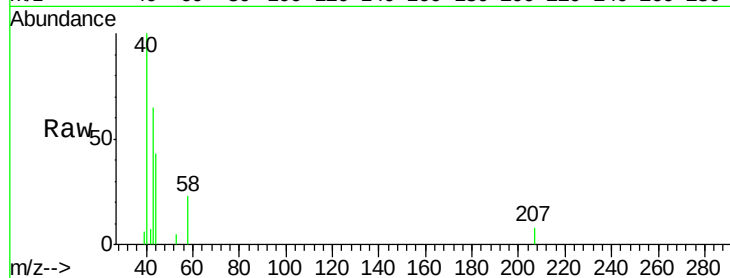
ClientSampleId :

Tot Ion: 43 Resp: 6744

Ion Ratio Lower Upper

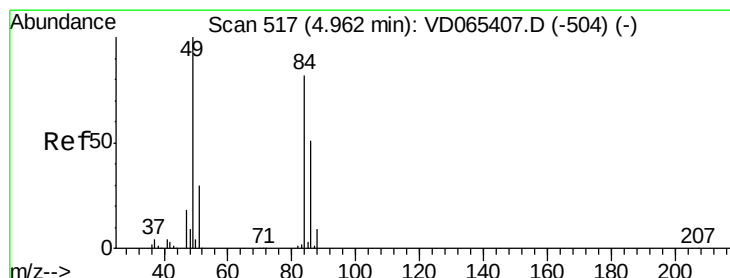
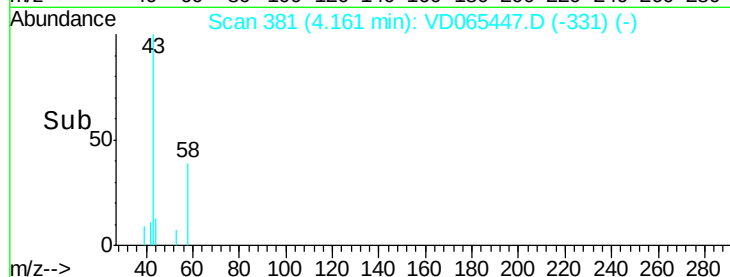
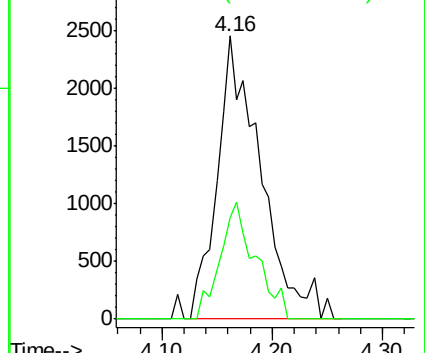
43 100

58 36.1 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: VD065447.D

Acq: 09 Mar 2020 13:57

Tgt Ion: 84 Resp: 11521

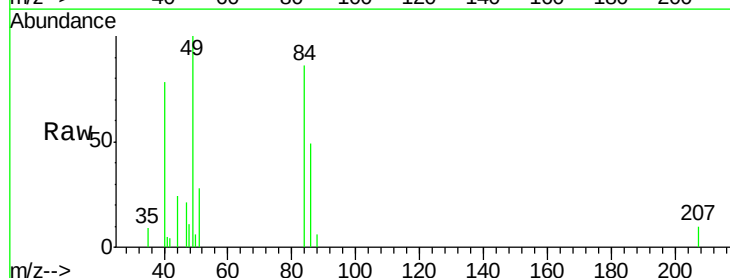
Ion Ratio Lower Upper

84 100

49 116.7 97.7 146.5

51 33.0 28.8 43.2

86 56.6 49.5 74.3

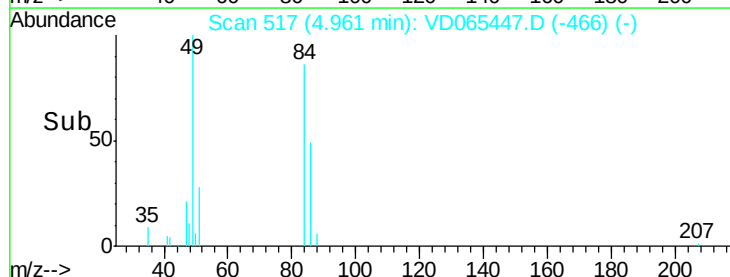
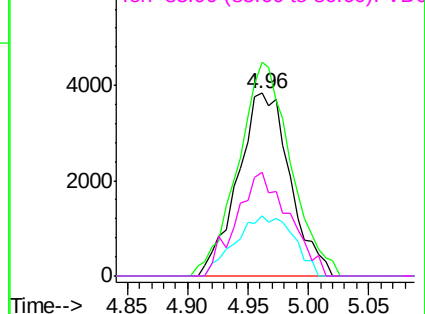


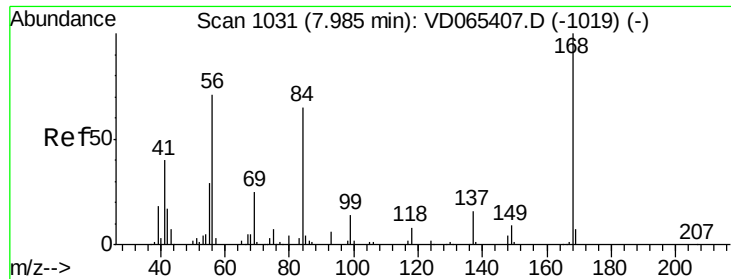
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

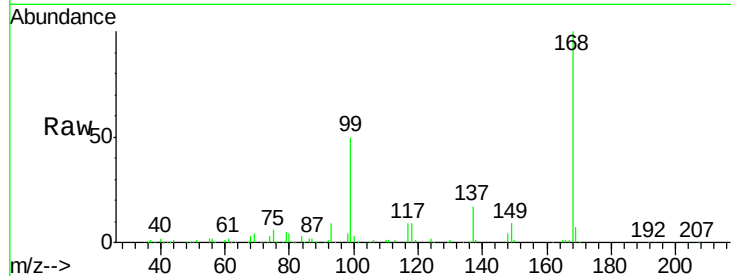




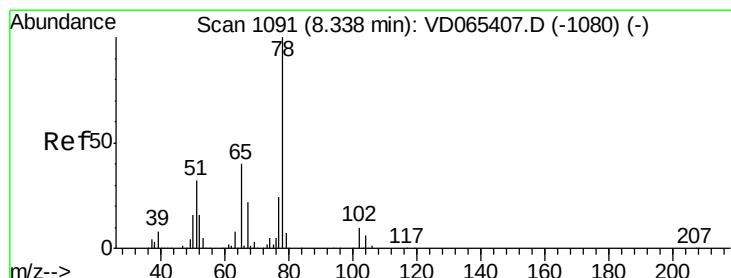
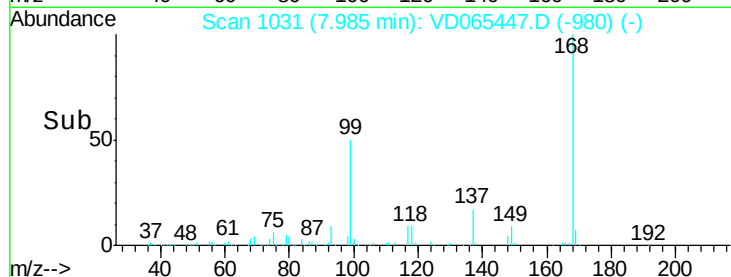
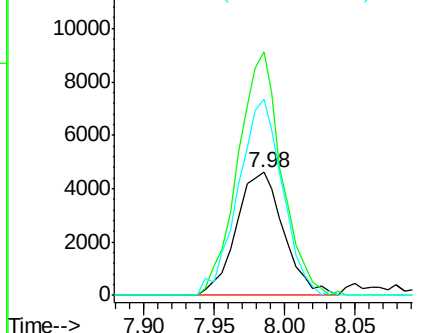
#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 10842
Ion Ratio Lower Upper
56 100
69 198.5 28.3 42.5#
84 168.9 73.1 109.7#

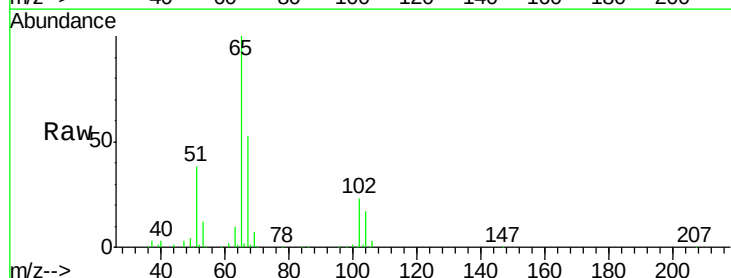


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

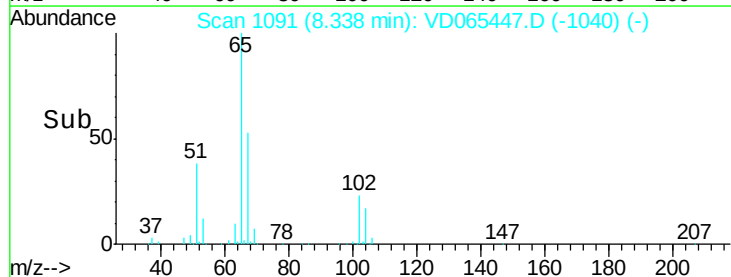
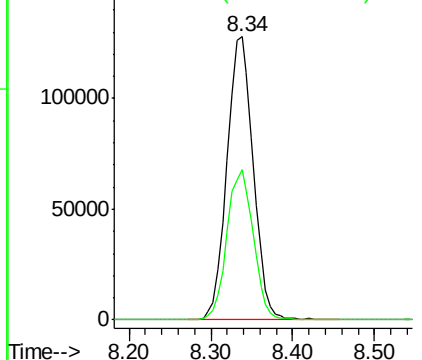


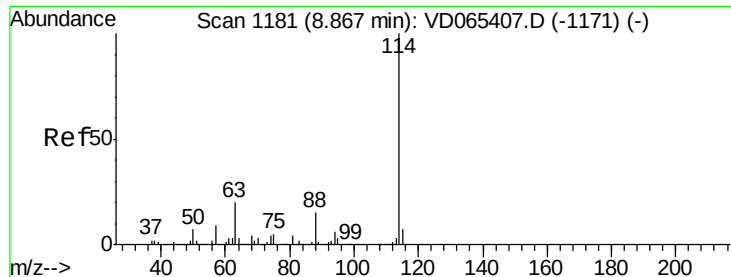
#33
1,2-Dichloroethane-d4
Concen: 60.912 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

Tgt Ion: 65 Resp: 286695
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0



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

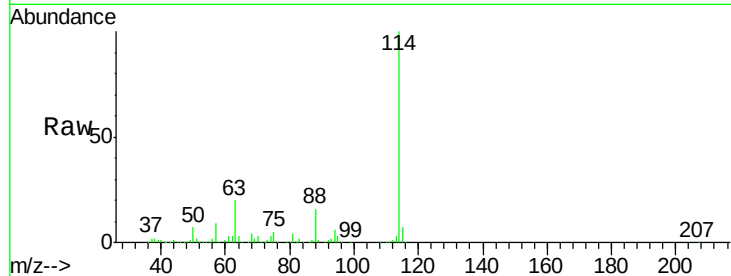




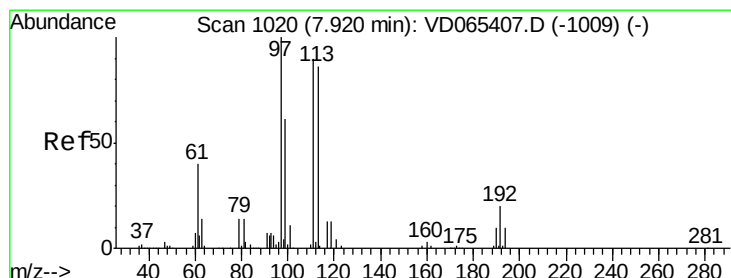
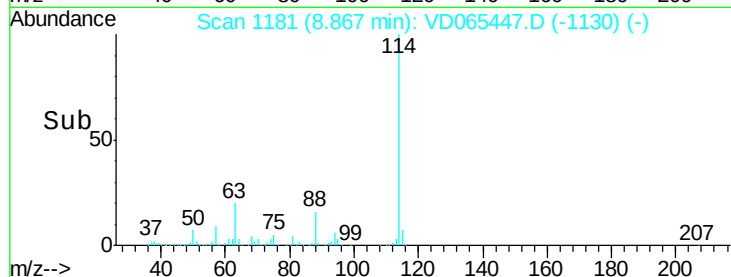
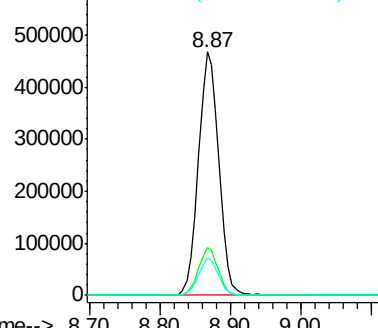
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.5	0.0	30.4

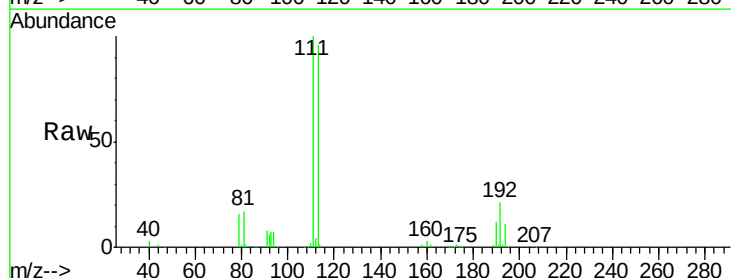


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

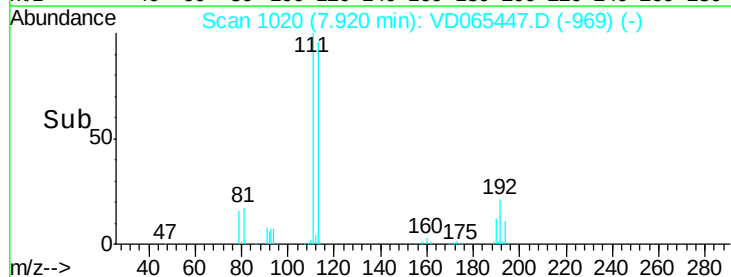
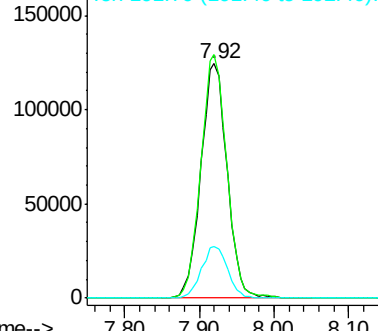


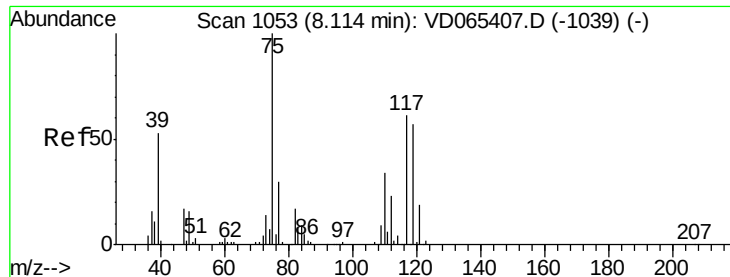
#35
 Dibromofluoromethane
 Concen: 52.667 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065447.D
 Acq: 09 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.0	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: 4.187 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :

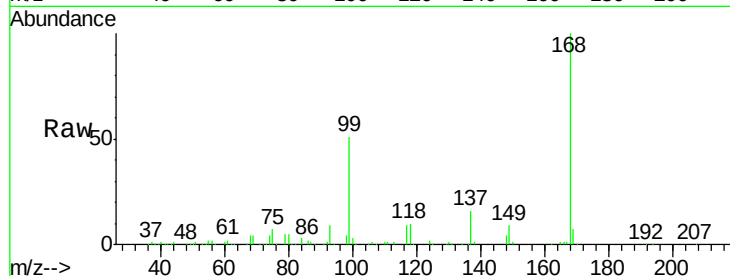
Tot Ion: 75 Resp: 37551

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.1#

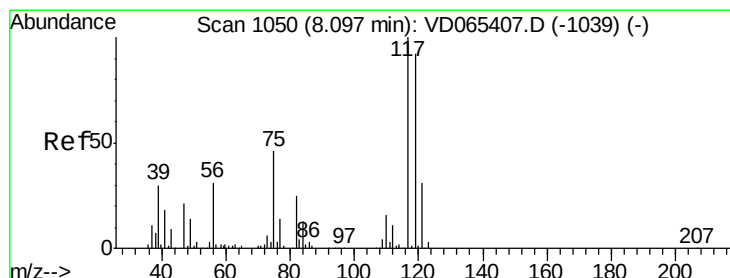
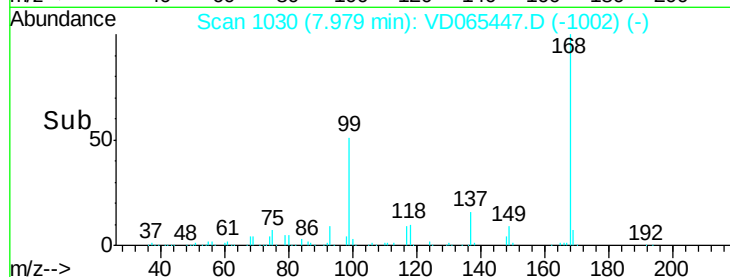
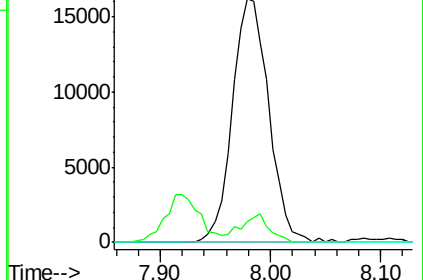
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.347 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

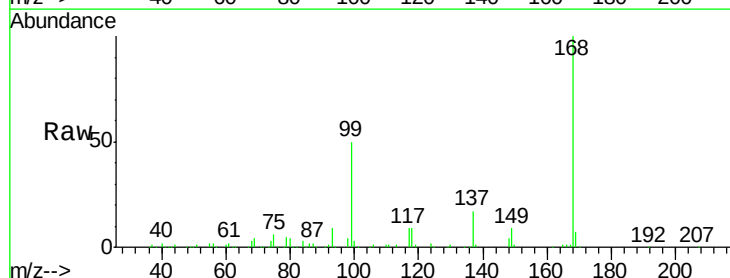
Tgt Ion: 117 Resp: 49719

Ion Ratio Lower Upper

117 100

119 6.3 73.3 109.9#

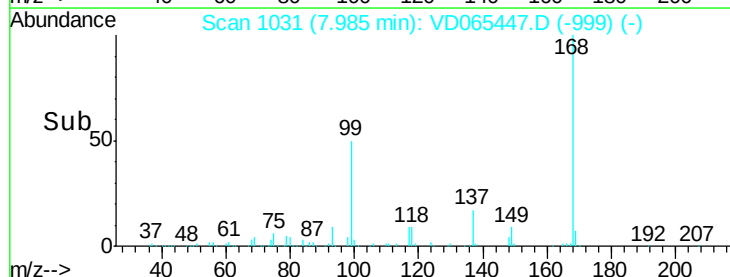
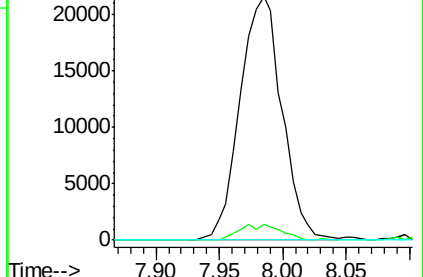
121 0.0 25.0 37.4#

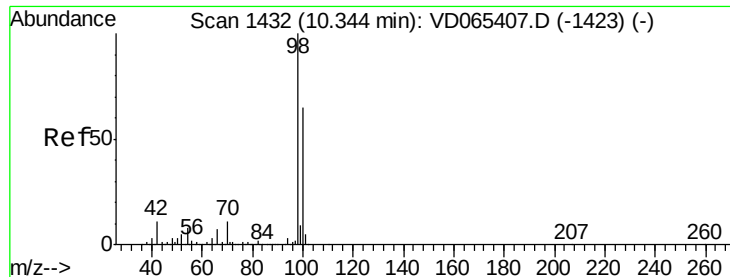


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC

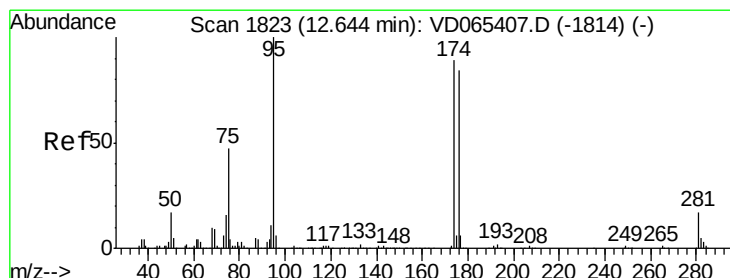
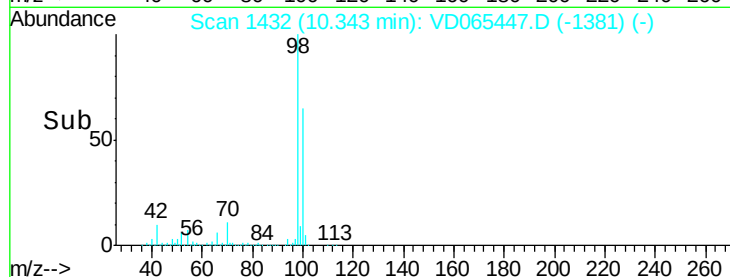
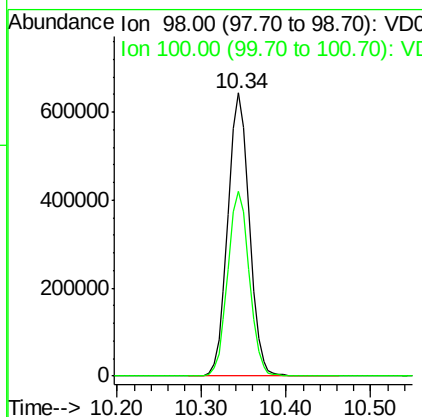
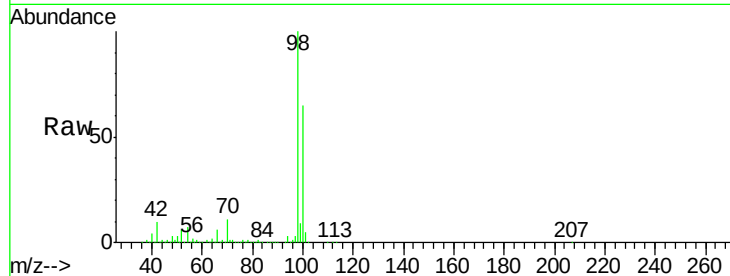




#50
Toluene-d8
Concen: 50.736 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

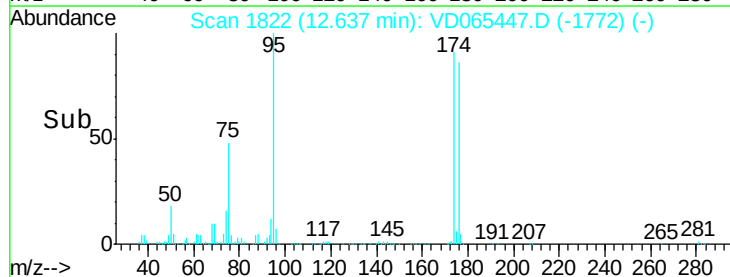
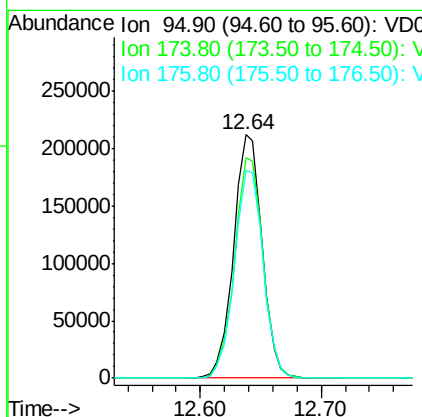
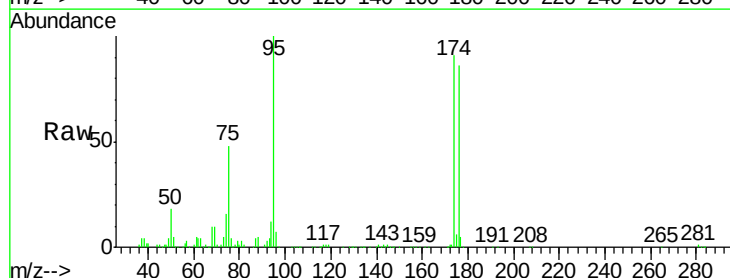
Instrument :
MSVOA_D
ClientSampleId :

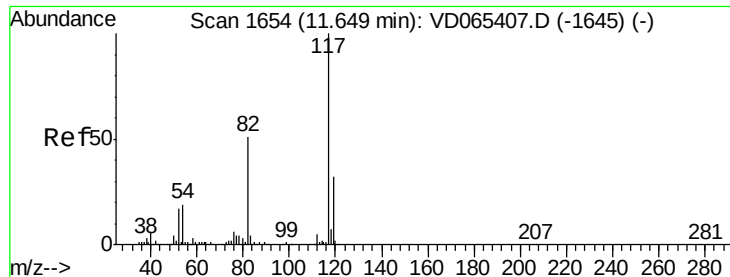
Tot Ion: 98 Resp: 1126068
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.845 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

Tgt Ion: 95 Resp: 348376
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.8
176 86.3 0.0 171.4

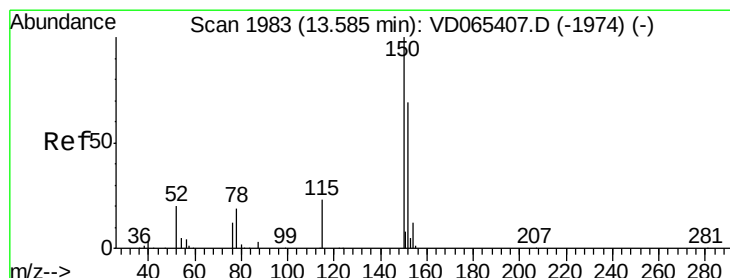
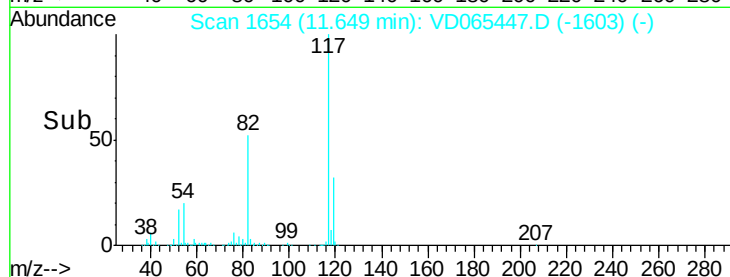
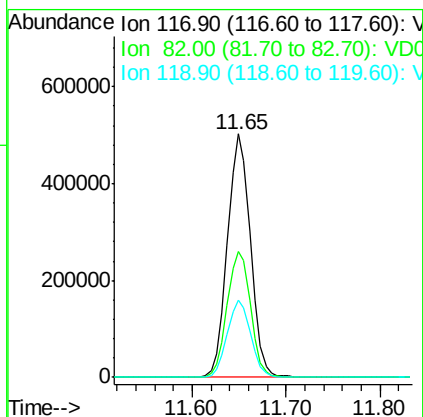
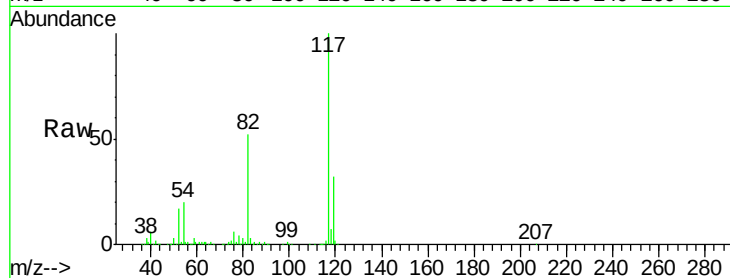




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

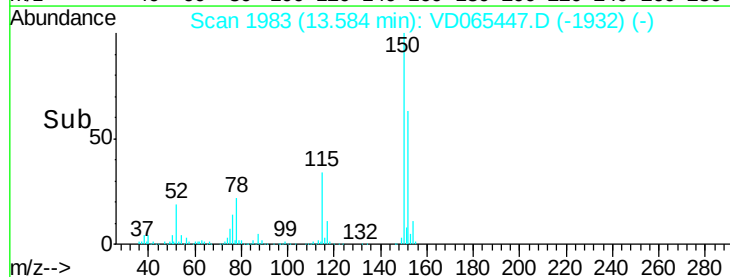
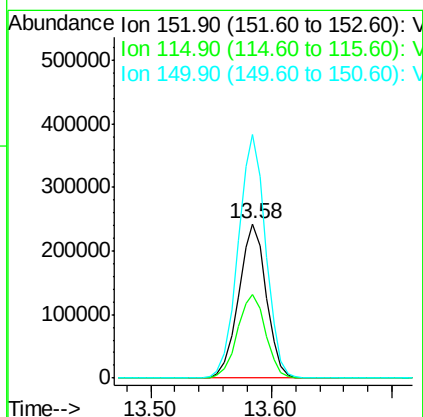
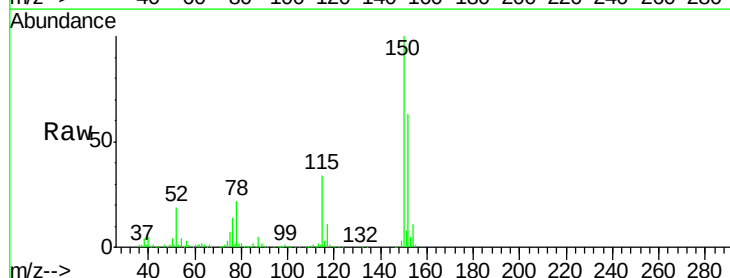
Instrument :
MSVOA_D
ClientSampleId :

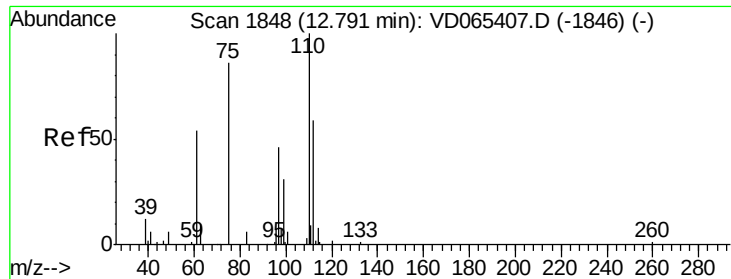
Tot Ion:117 Resp: 854751
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065447.D
Acq: 09 Mar 2020 13:57

Tgt Ion:152 Resp: 385608
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 54.366 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

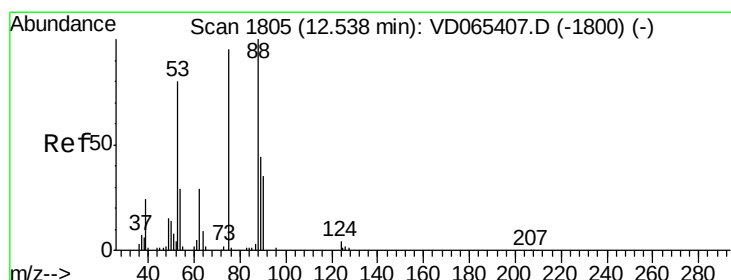
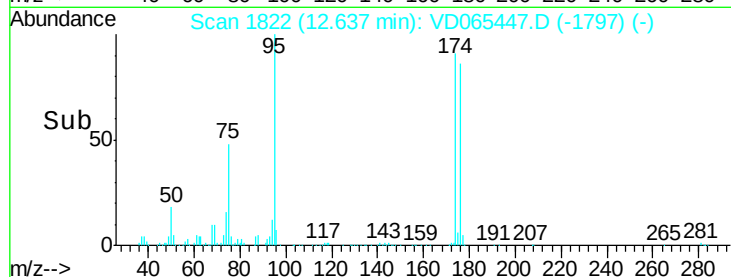
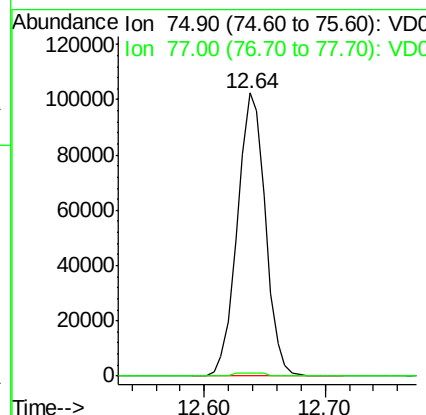
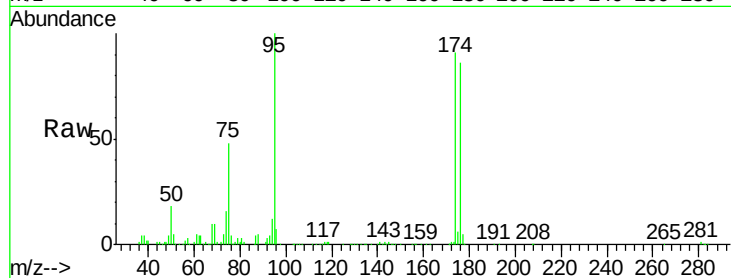
ClientSampleId :

Tot Ion: 75 Resp: 165424

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

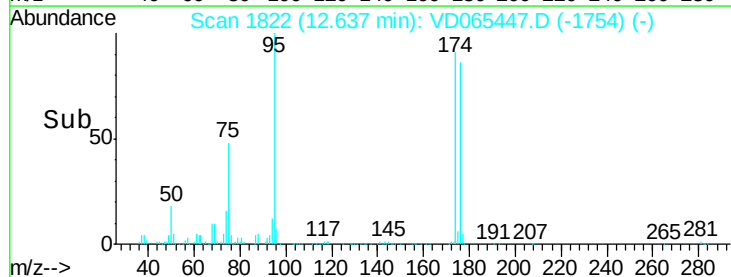
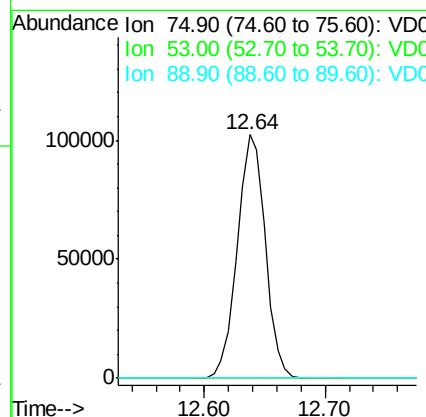
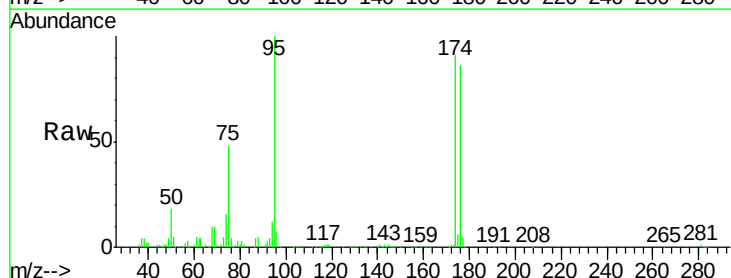
Tgt Ion: 75 Resp: 165424

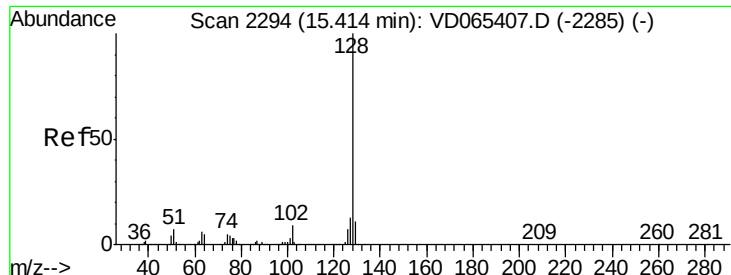
Ion Ratio Lower Upper

75 100

53 0.2 71.3 106.9#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 4.486 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

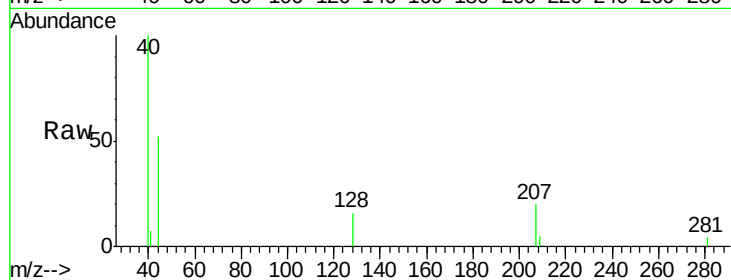
Lab File: VD065447.D

Acq: 09 Mar 2020 13:57

Instrument :

MSVOA_D

ClientSampleId :



Tot Ion:	128	Resp:	1075
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#

