

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065119.D
 Acq On : 07 Feb 2020 19:40
 Operator : VA/SY
 Sample : L1403-13
 Misc : 7.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:09:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

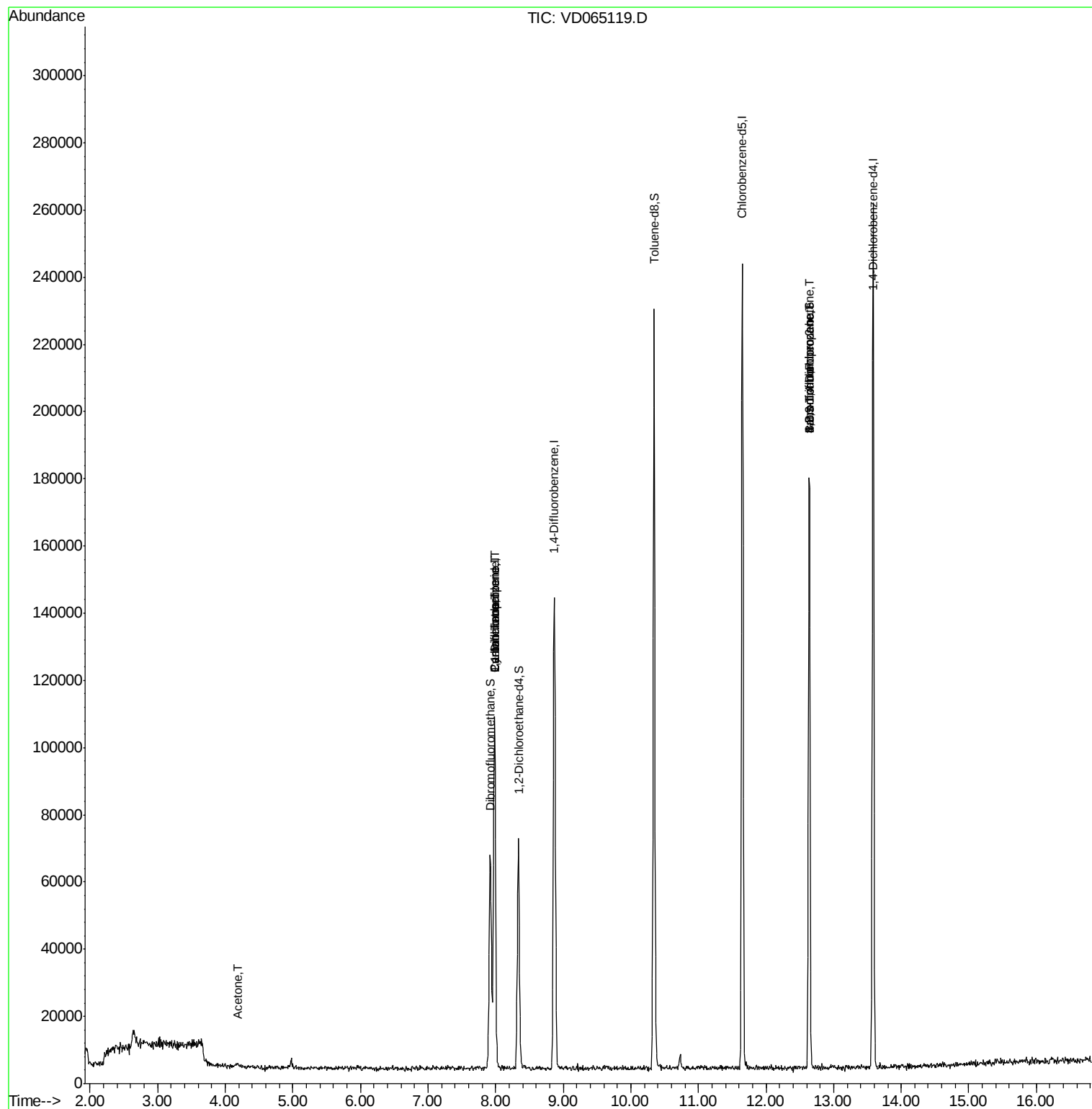
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	77763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	120015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	134781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	69641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	54240	82.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.14%	
35) Dibromofluoromethane	7.92	113	44501	66.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.92%	
50) Toluene-d8	10.34	98	146954	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.64	95	56102	66.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1770	10.712	ug/l	99
20) Methylene Chloride	4.96	84	1322	Below Cal	#	85
31) Cyclohexane	7.98	56	1833	1.394	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	6355	5.695	ug/l #	46
38) Carbon Tetrachloride	7.98	117	7877	6.911	ug/l #	16
71) Bromoform	12.63	173	599	1.157	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	30671	58.171	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	30671	116.337	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 08 00:09:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 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: VD065119.D

Acq: 07 Feb 2020 19:40

Instrument :

MSVOA_D

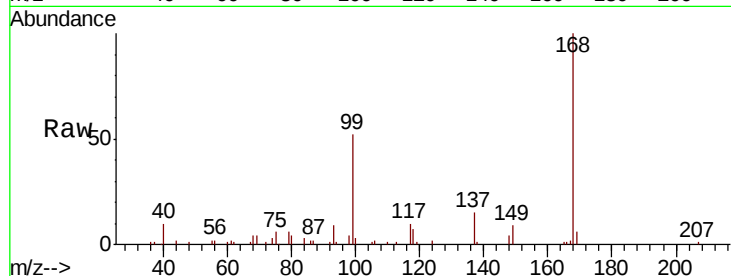
ClientSampled :

Tot Ion:168 Resp: 77763

Ion Ratio Lower Upper

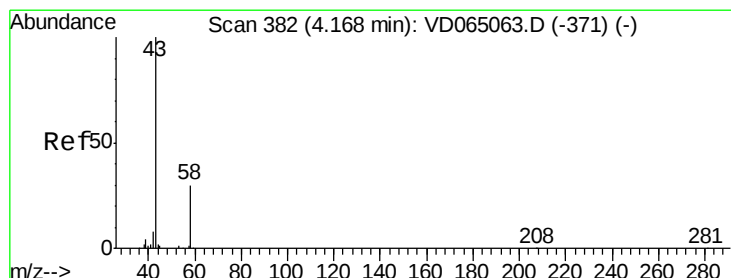
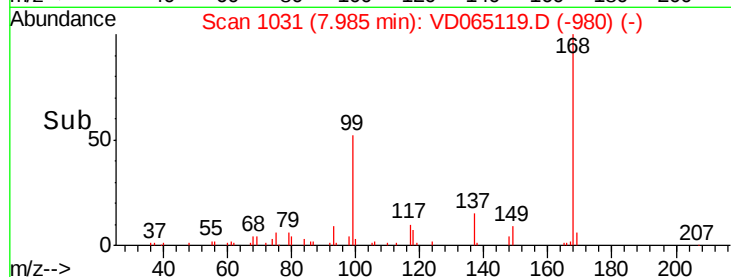
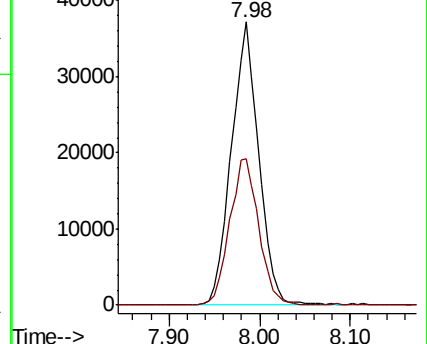
168 100

99 52.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 10.712 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065119.D

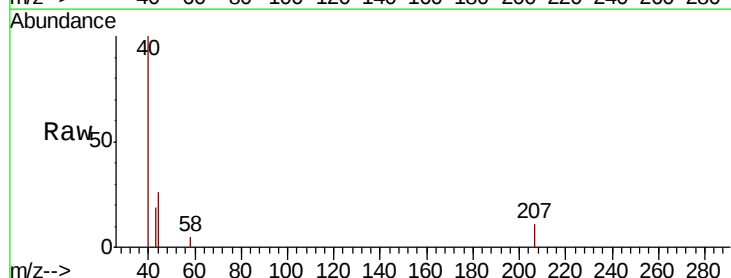
Acq: 07 Feb 2020 19:40

Tgt Ion: 43 Resp: 1770

Ion Ratio Lower Upper

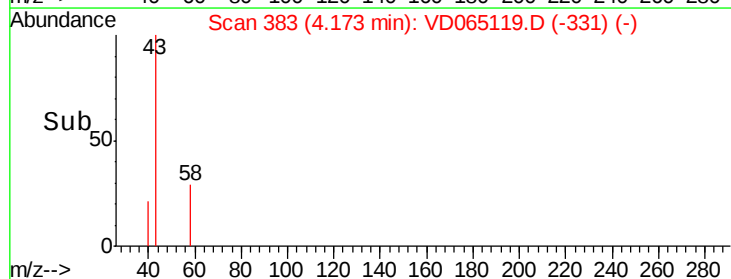
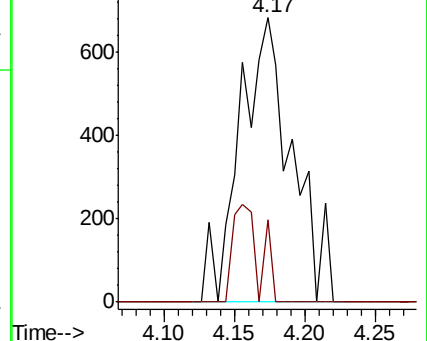
43 100

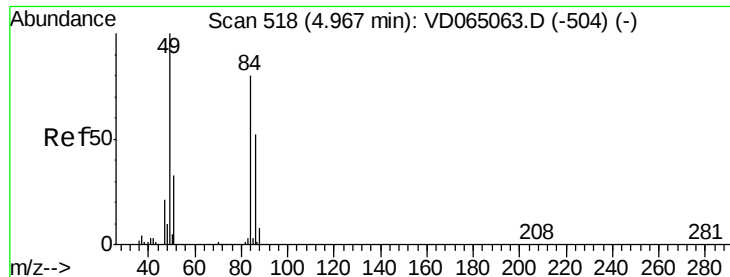
58 28.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

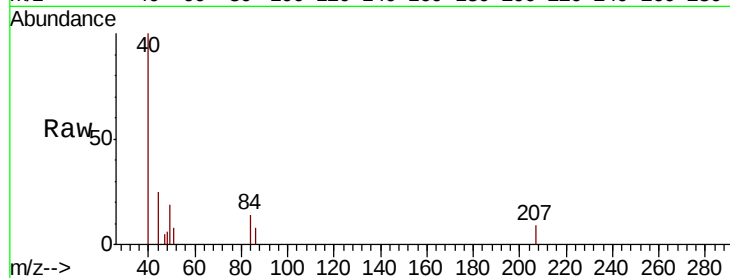




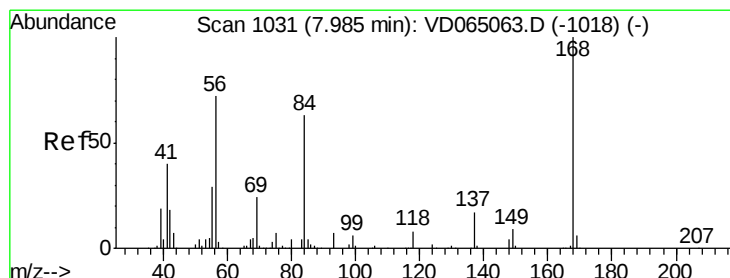
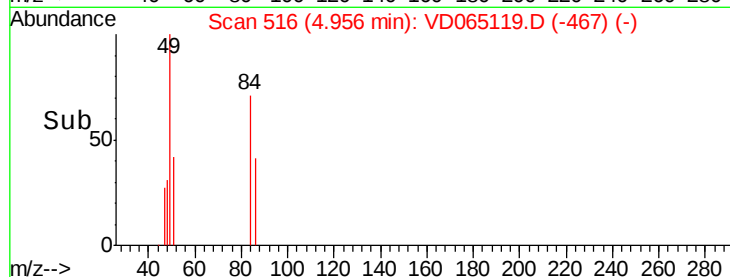
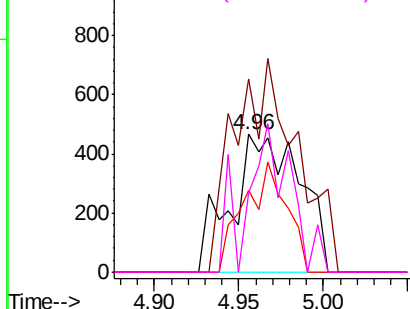
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
49 140.1 100.4 150.6
51 59.2 32.7 49.1#
86 57.7 52.4 78.6

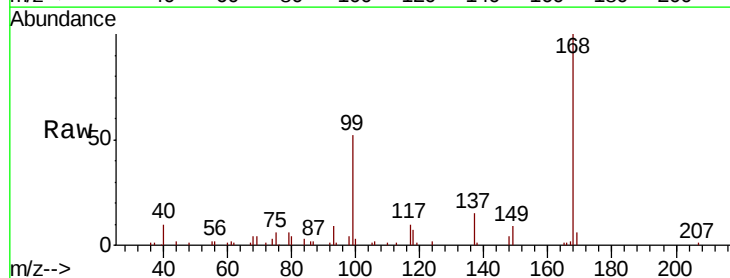


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

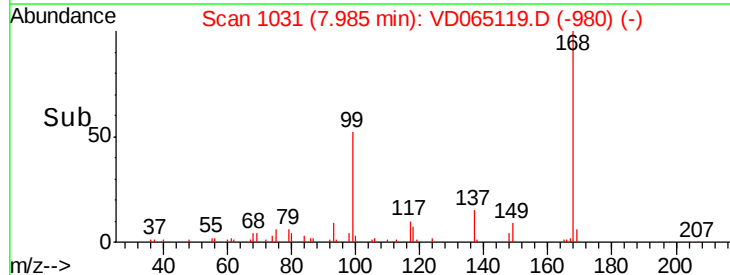
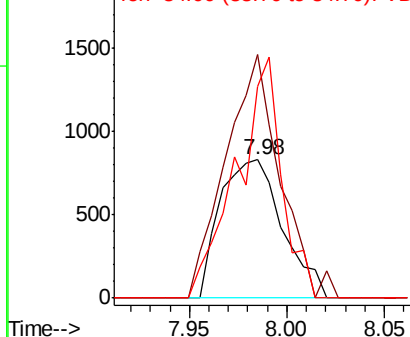


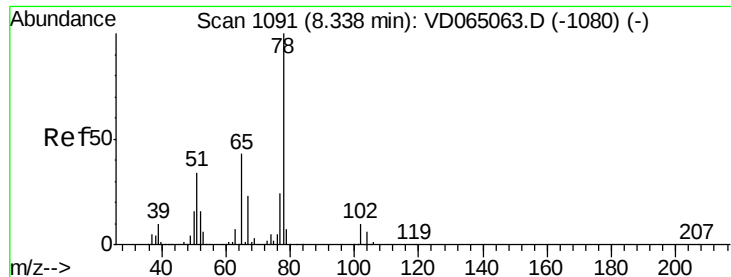
#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

Tgt Ion: 56 Resp: 1833
Ion Ratio Lower Upper
56 100
69 175.8 26.6 40.0#
84 152.9 70.6 106.0#



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

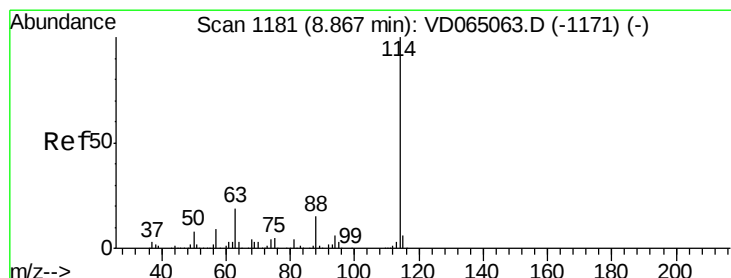
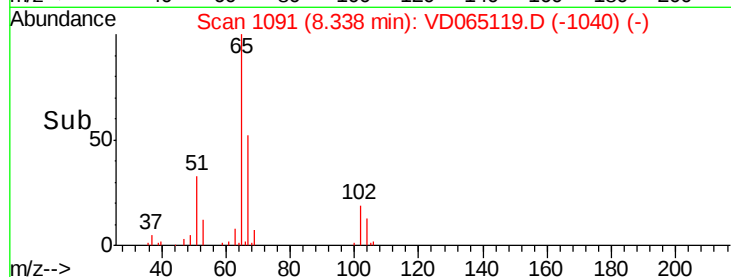
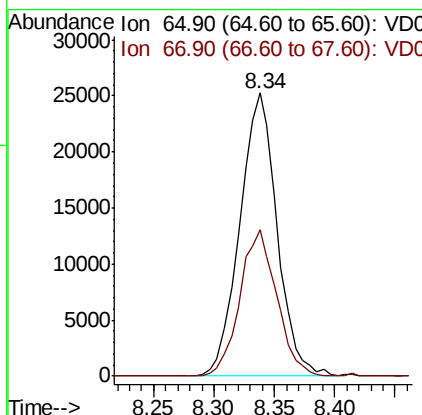
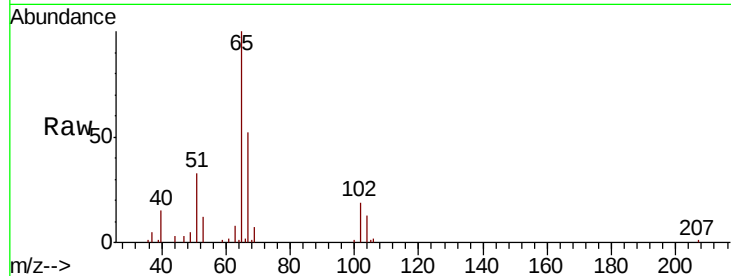




#33
 1,2-Dichloroethane-d4
 Concen: 82.068 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065119.D
 Acq: 07 Feb 2020 19:40

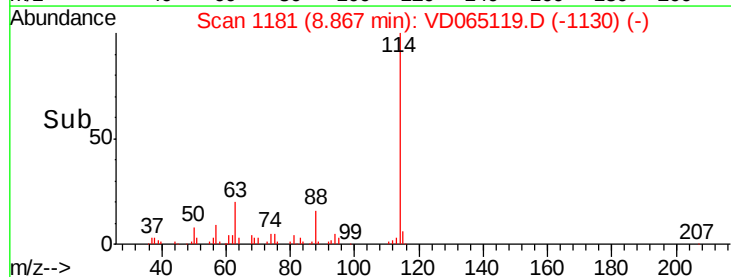
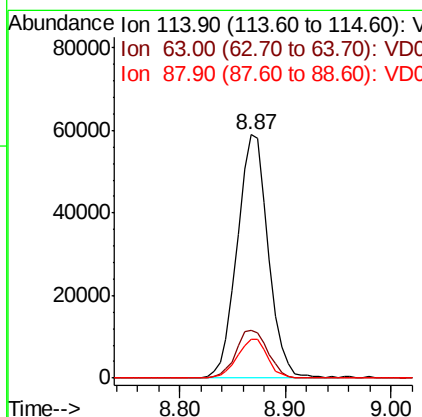
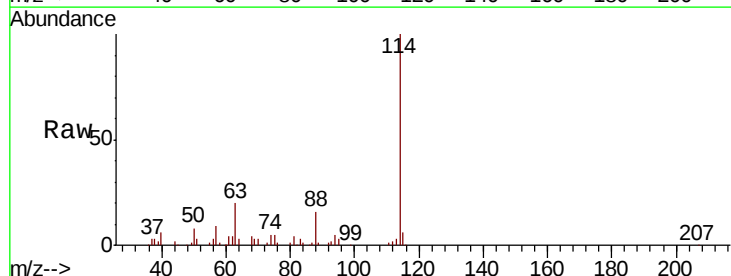
Instrument :
 MSVOA_D
 ClientSampled :

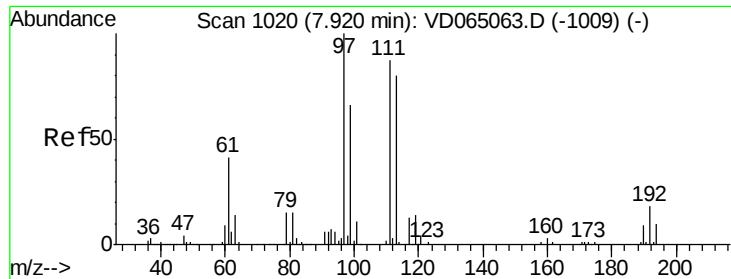
Tot Ion: 65 Resp: 54240
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065119.D
 Acq: 07 Feb 2020 19:40

Tgt Ion: 114 Resp: 120015
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 16.1 0.0 29.6

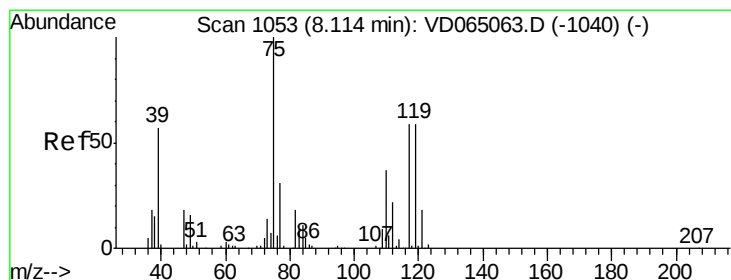
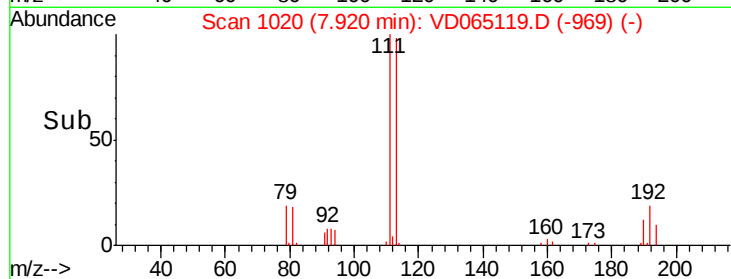
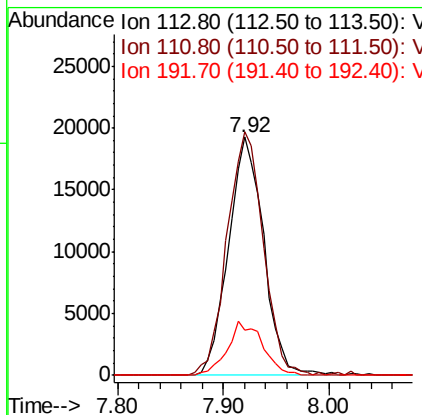
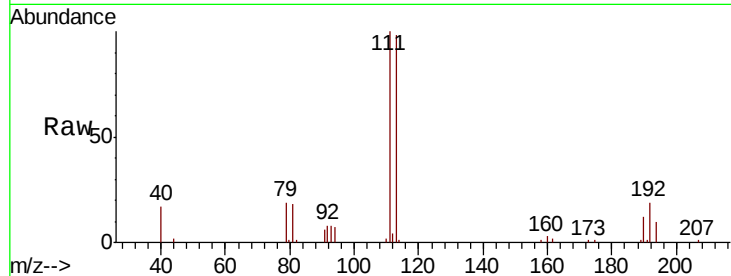




#35
 Dibromofluoromethane
 Concen: 66.458 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065119.D
 Acq: 07 Feb 2020 19:40

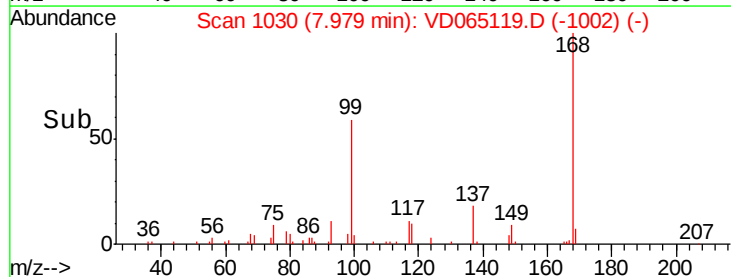
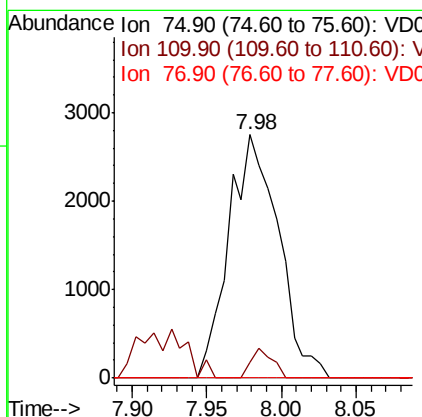
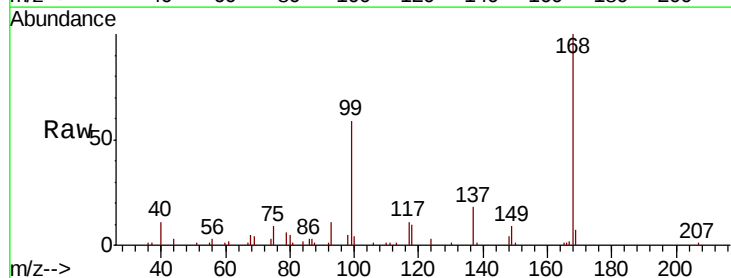
Instrument :
 MSVOA_D
 ClientSampled :

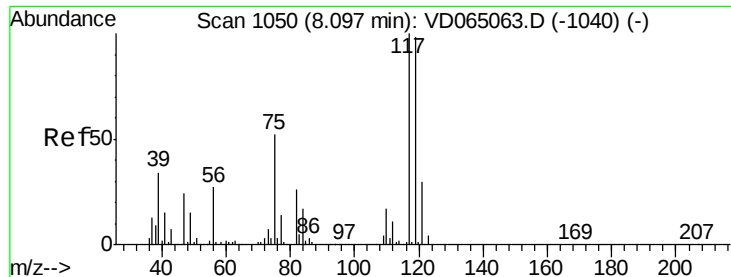
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.1	124.7
192	22.4	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 5.695 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065119.D
 Acq: 07 Feb 2020 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.1	18.1	54.3#
77	0.0	24.7	37.1#

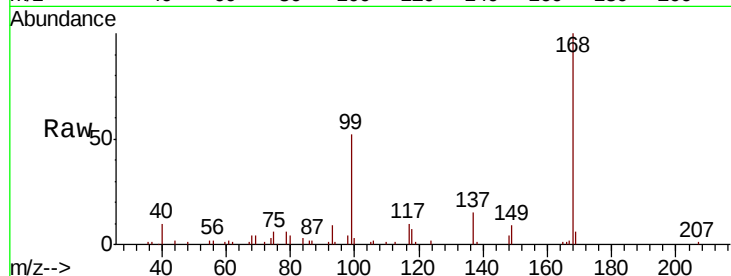




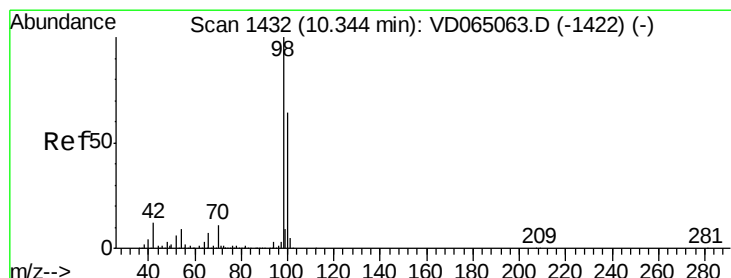
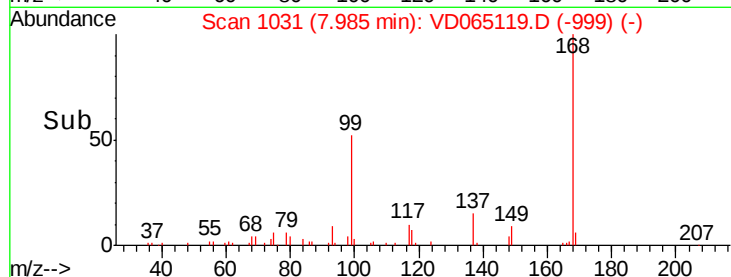
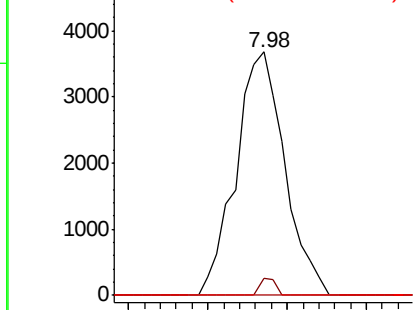
#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 7877
Ion Ratio Lower Upper
117 100
119 6.9 78.5 117.7#
121 0.0 23.8 35.6#

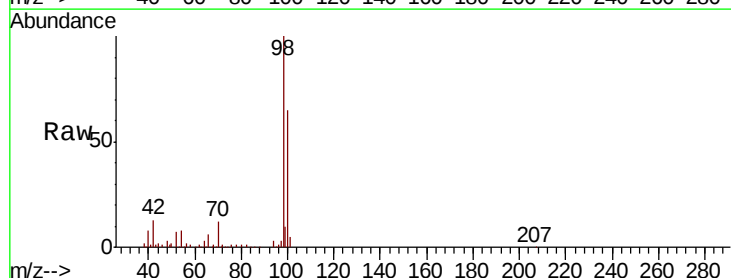


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

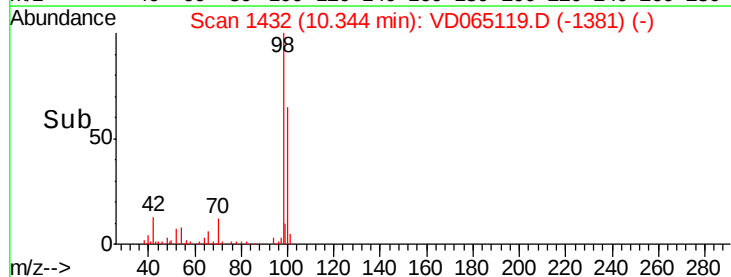
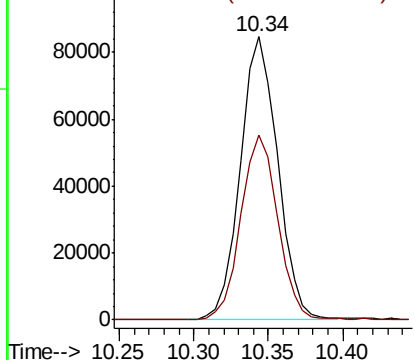


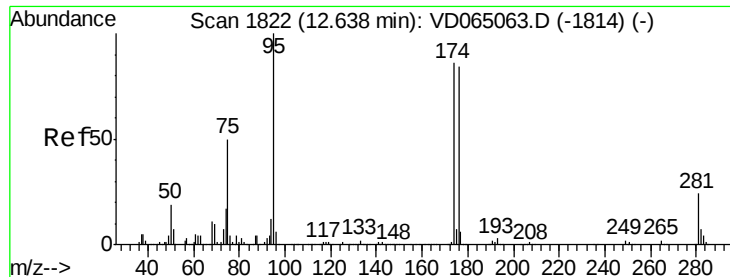
#50
Toluene-d8
Concen: 55.137 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

Tgt Ion: 98 Resp: 146954
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

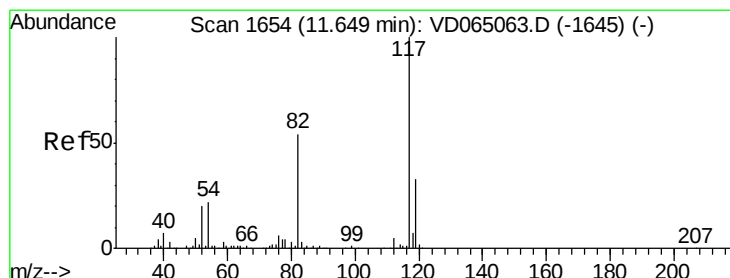
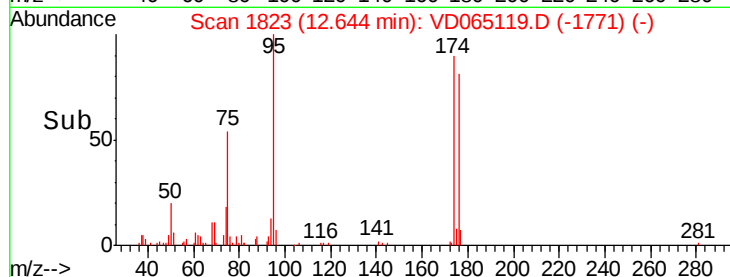
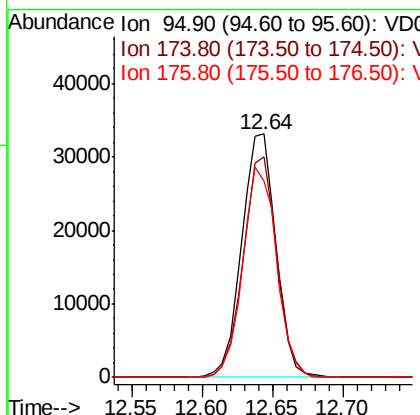
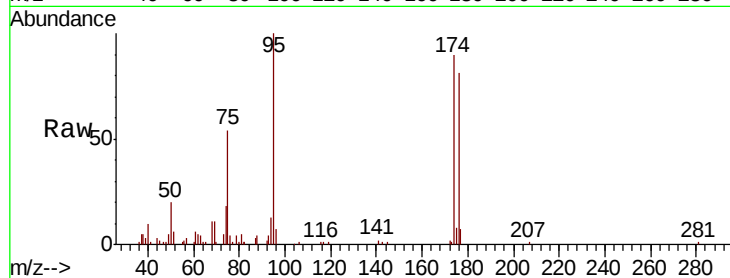




#62
4-Bromofluorobenzene
Concen: 66.431 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

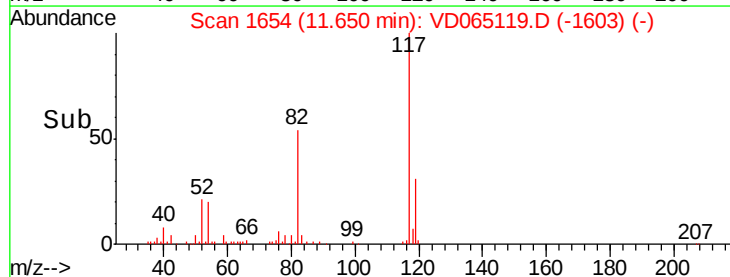
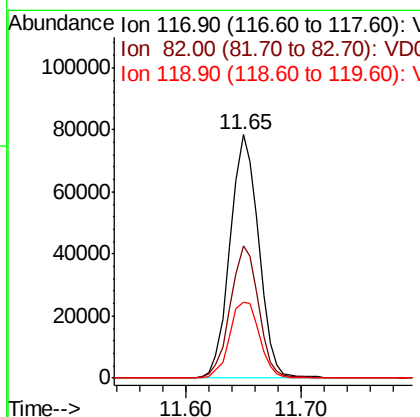
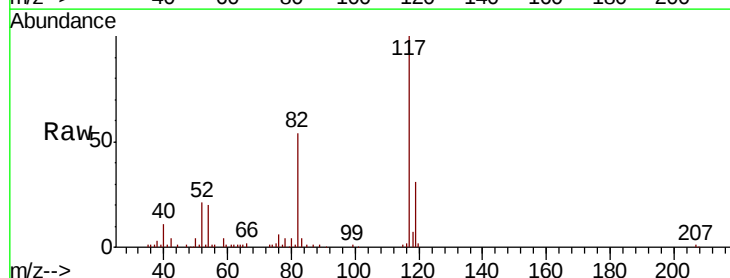
Instrument :
MSVOA_D
ClientSampleId :

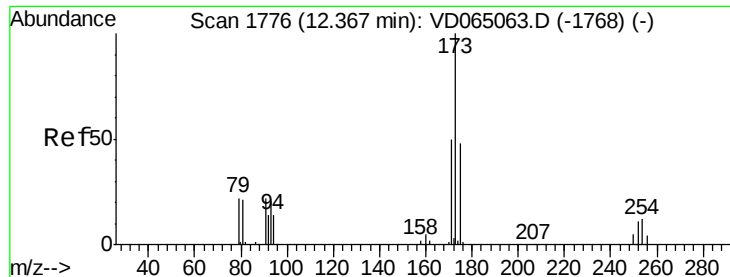
Tot Ion: 95 Resp: 56102
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.0
176 85.3 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065119.D
Acq: 07 Feb 2020 19:40

Tgt Ion: 117 Resp: 134781
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 31.3 26.0 39.0





#71

Bromoform

Concen: 1.157 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.26 min

Lab File: VD065119.D

Acq: 07 Feb 2020 19:40

Instrument :

MSVOA_D

ClientSampleId :

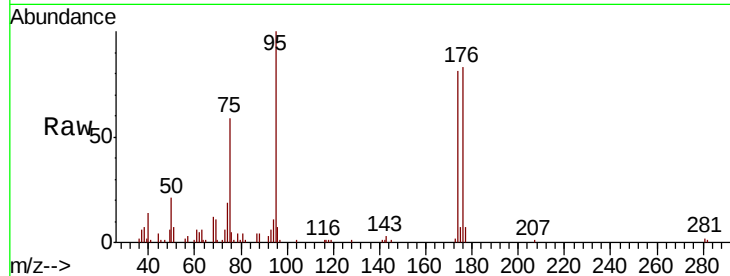
Tot Ion:173 Resp: 599

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

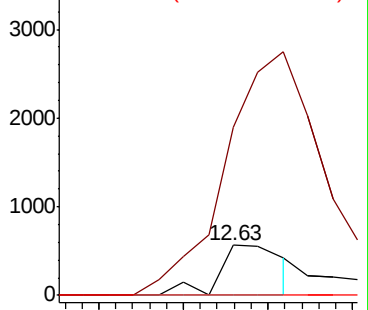
254 0.0 0.1 0.1#



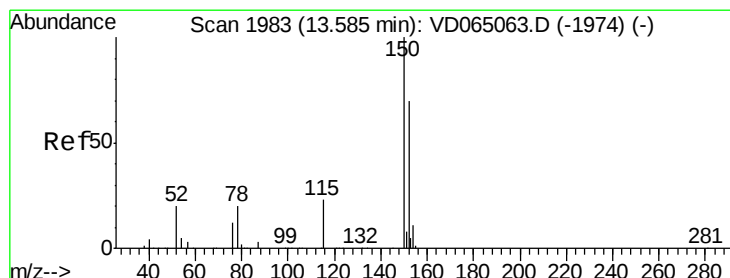
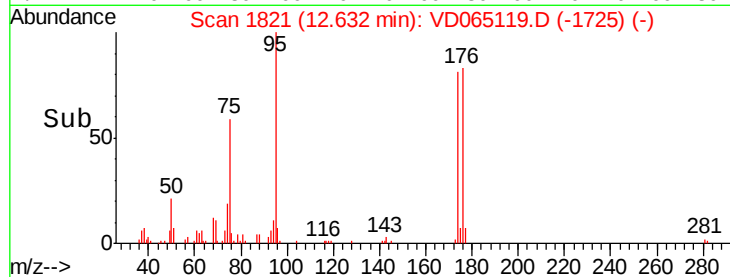
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065119.D

Acq: 07 Feb 2020 19:40

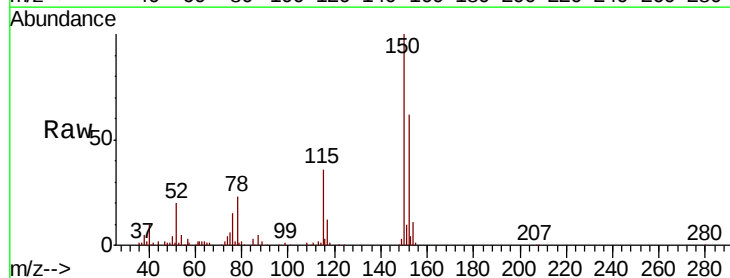
Tgt Ion:152 Resp: 69641

Ion Ratio Lower Upper

152 100

115 56.8 27.5 82.4

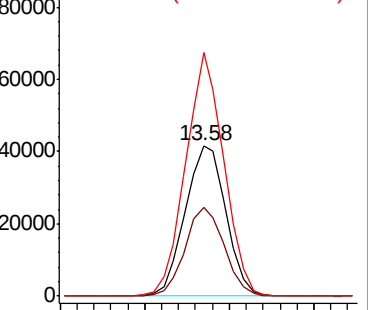
150 151.9 0.0 343.2



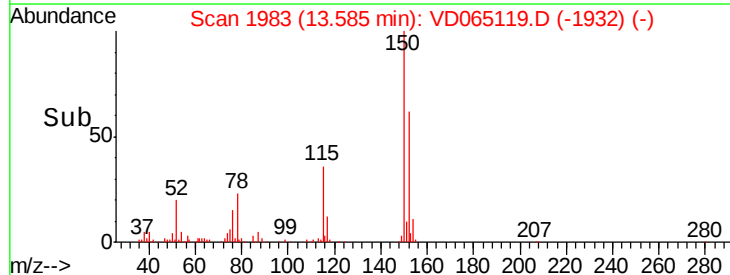
Abundance Ion 151.90 (151.60 to 152.60): V

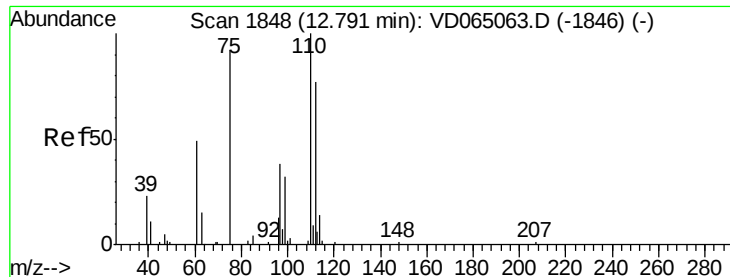
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 58.171 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065119.D

Acq: 07 Feb 2020 19:40

Instrument :

MSVOA_D

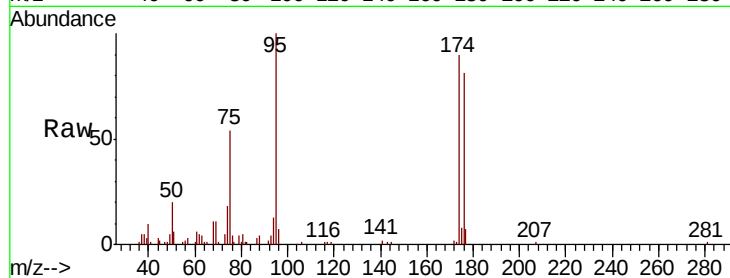
ClientSampleId :

Tot Ion: 75 Resp: 30671

Ion Ratio Lower Upper

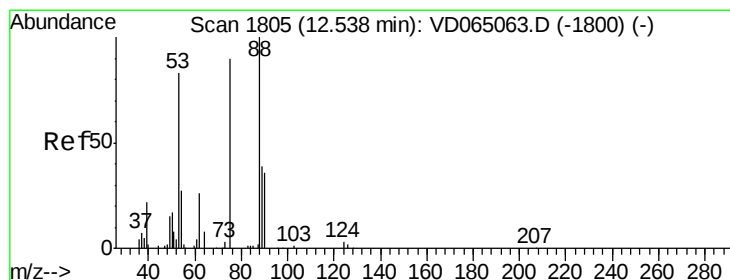
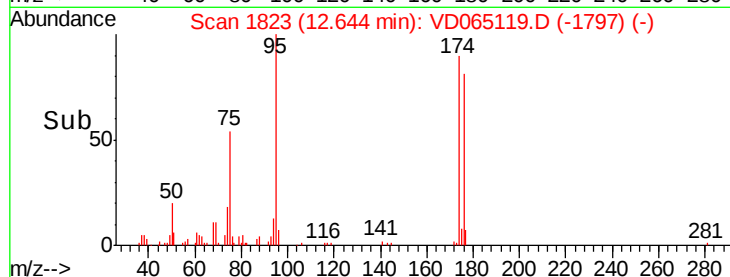
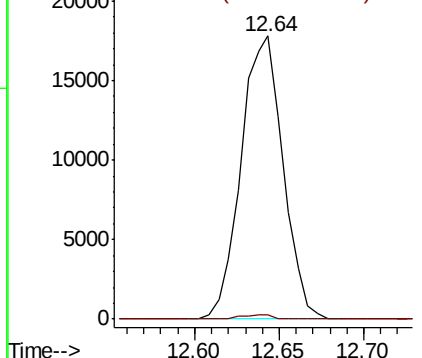
75 100

77 1.0 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: 116.337 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065119.D

Acq: 07 Feb 2020 19:40

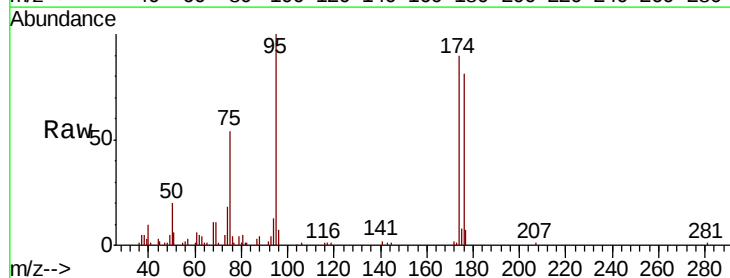
Tgt Ion: 75 Resp: 30671

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#



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

