

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065430.D
 Acq On : 05 Mar 2020 14:43
 Operator : VA/SY
 Sample : L1792-03
 Misc : 6.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:48:50 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

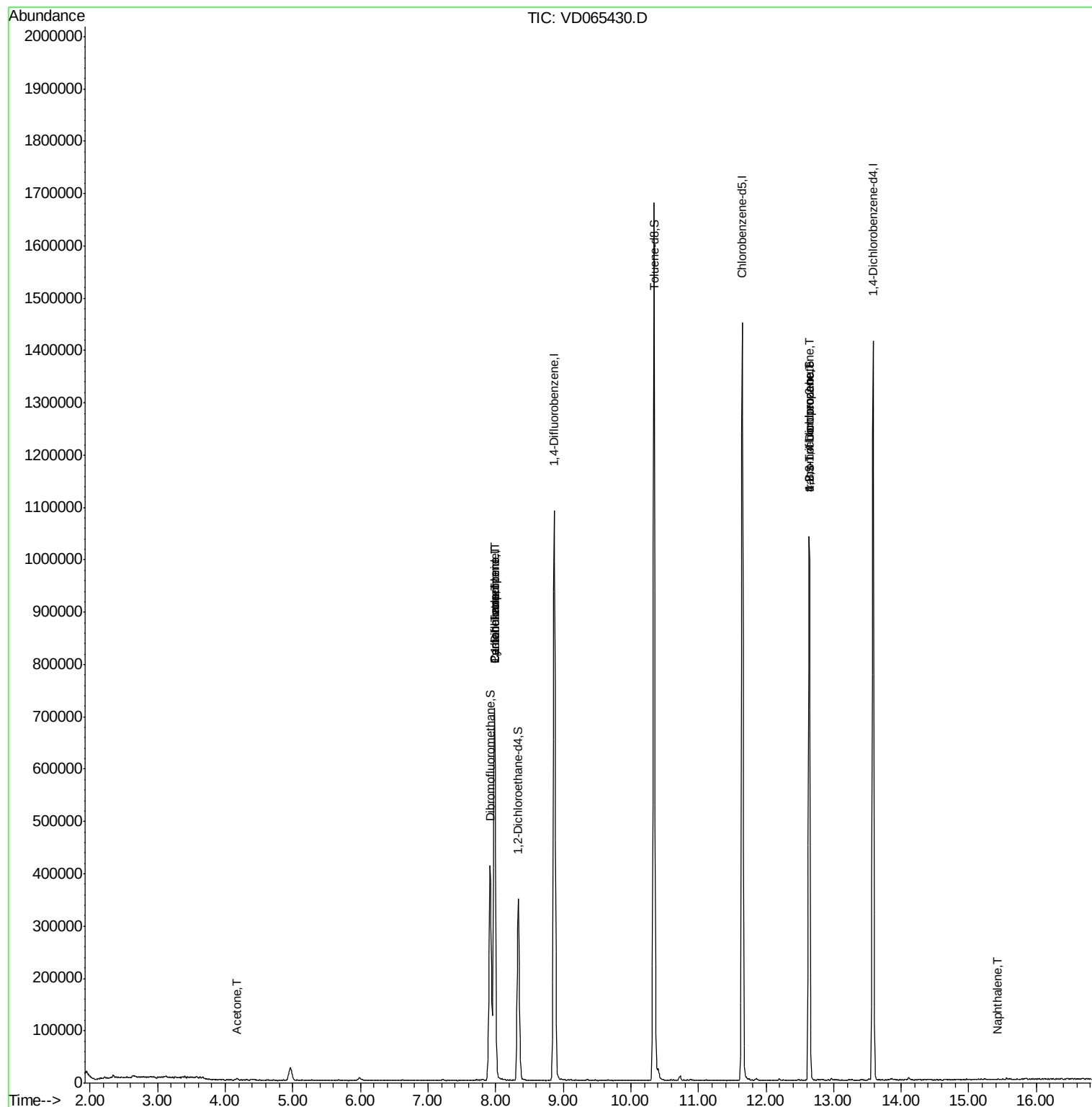
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	552752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	940327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	849009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	386834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	279232	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	7.92	113	298547	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.34	98	1119779	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.64	95	339164	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.78	94	640	Below Cal	#	61
16) Acetone	4.17	43	5315	5.543	ug/l	90
31) Cyclohexane	7.98	56	10779	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	40507	4.494	ug/l #	48
38) Carbon Tetrachloride	7.99	117	51380	5.497	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	166106	54.417	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	166106	114.837	ug/l #	14
95) Naphthalene	15.41	128	1283	4.501	ug/l #	69

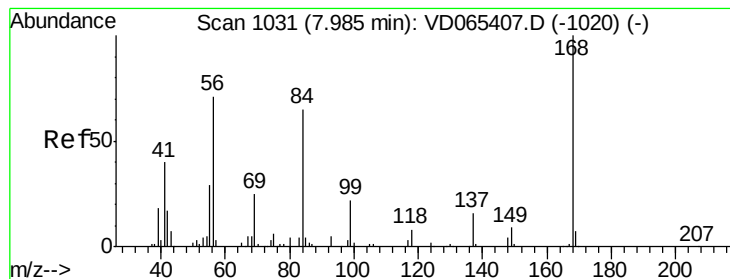
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 06 03:48:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065430.D

Acq: 05 Mar 2020 14:43

Instrument :

MSVOA_D

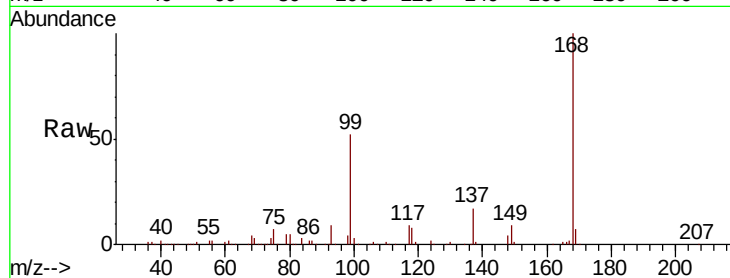
ClientSampleId :

Tot Ion:168 Resp: 552752

Ion Ratio Lower Upper

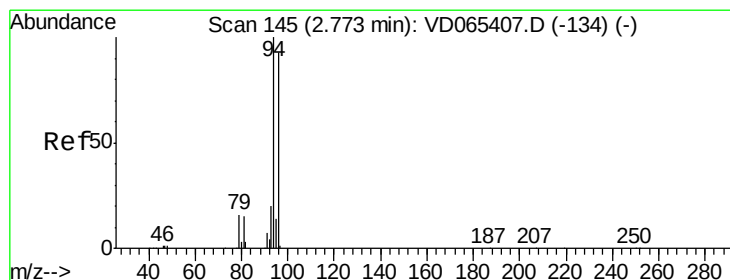
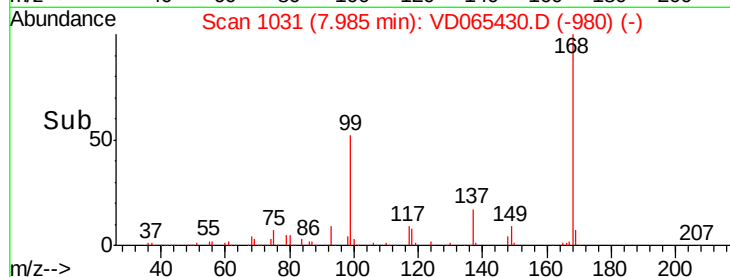
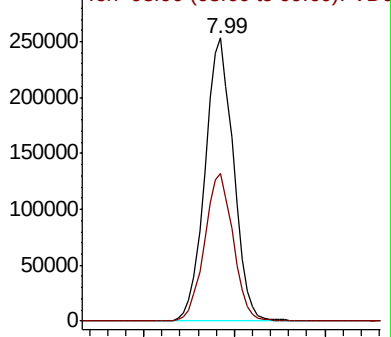
168 100

99 52.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065430.D

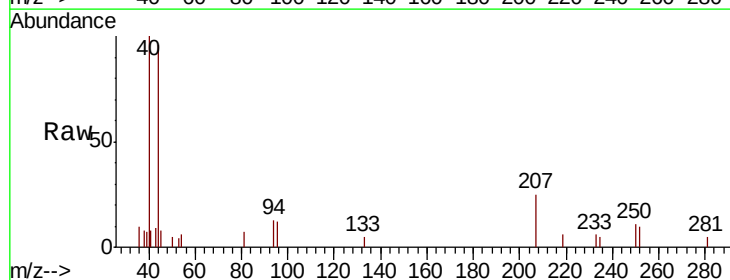
Acq: 05 Mar 2020 14:43

Tgt Ion: 94 Resp: 640

Ion Ratio Lower Upper

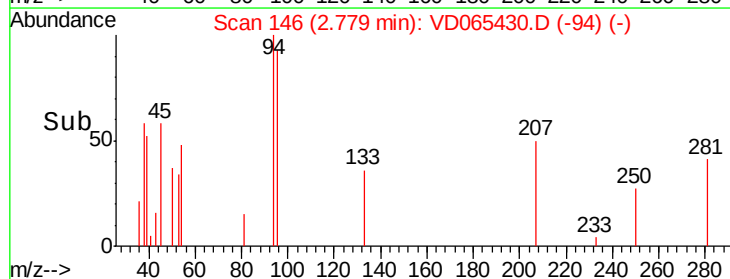
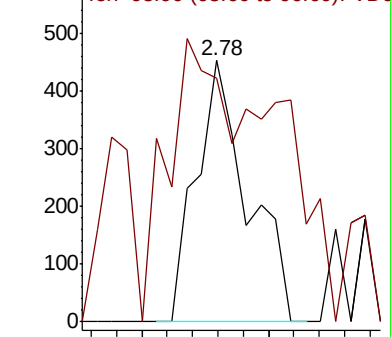
94 100

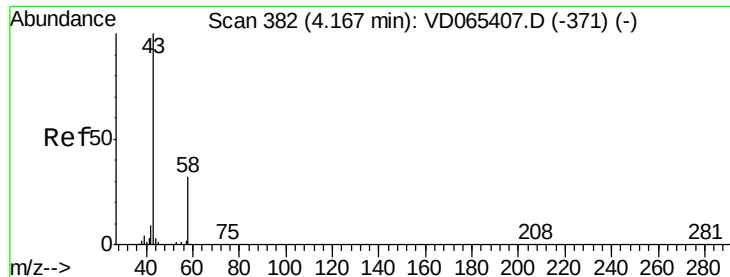
96 55.5 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 5.543 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065430.D

Acq: 05 Mar 2020 14:43

Instrument :

MSVOA_D

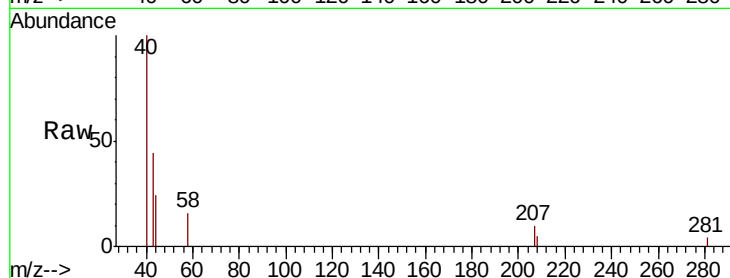
ClientSampleId :

Tot Ion: 43 Resp: 5315

Ion Ratio Lower Upper

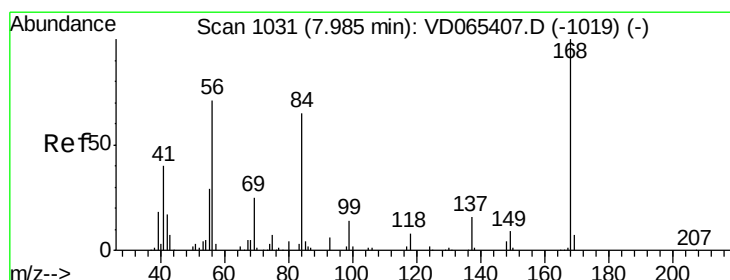
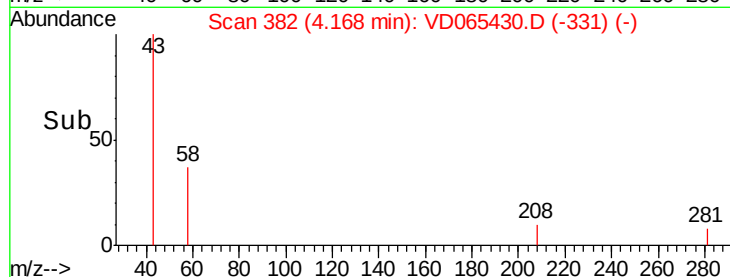
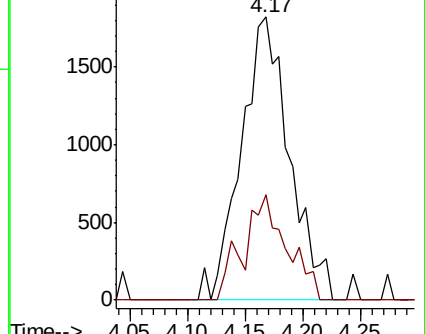
43 100

58 37.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065430.D

Acq: 05 Mar 2020 14:43

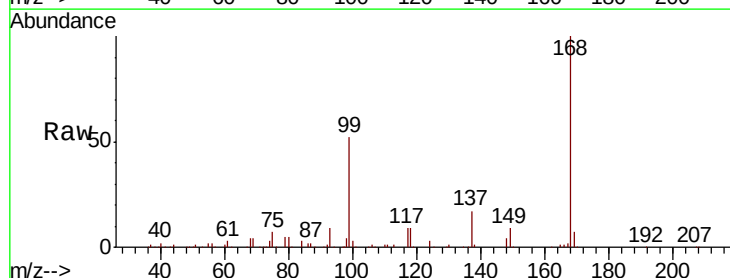
Tgt Ion: 56 Resp: 10779

Ion Ratio Lower Upper

56 100

69 204.7 28.3 42.5#

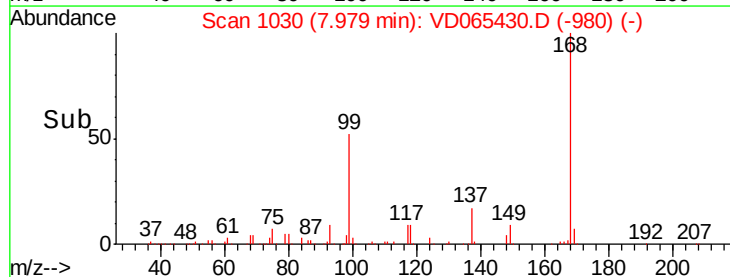
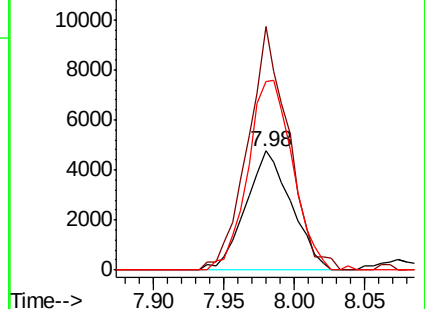
84 159.1 73.1 109.7#

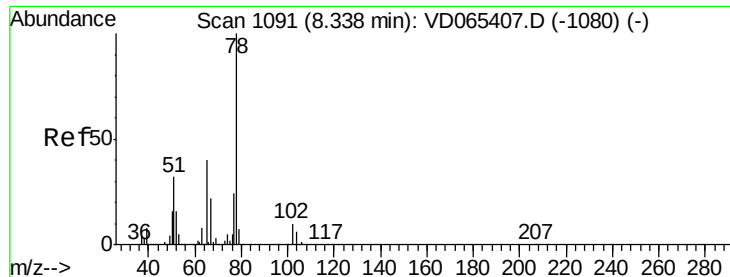


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

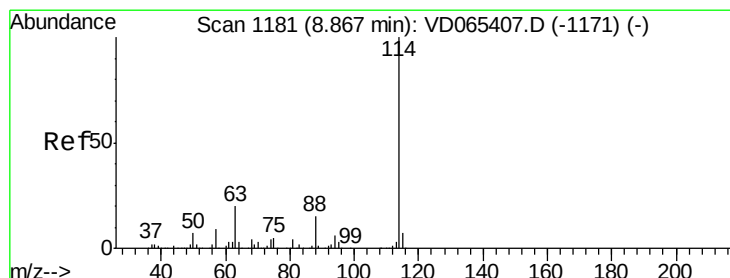
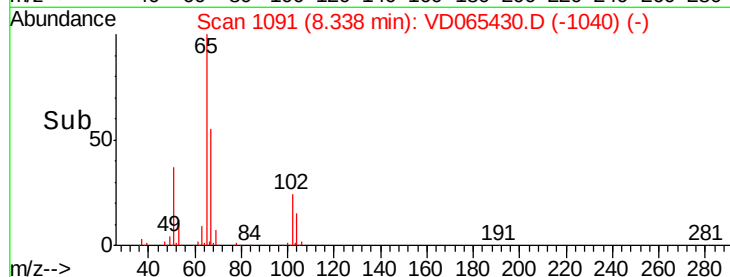
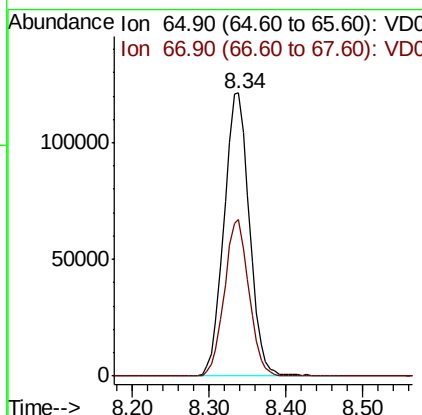
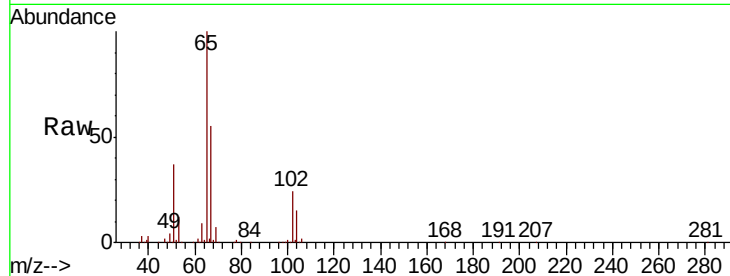




#33
 1,2-Dichloroethane-d4
 Concen: 58.891 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065430.D
 Acq: 05 Mar 2020 14:43

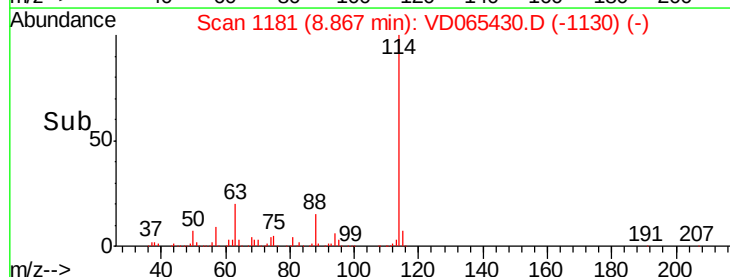
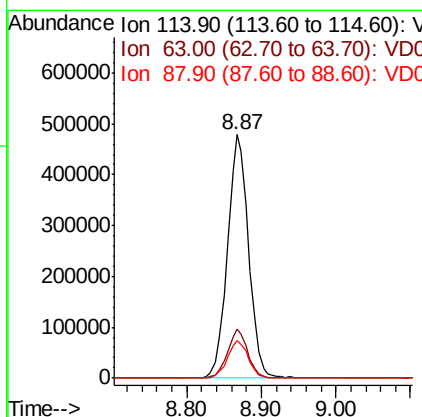
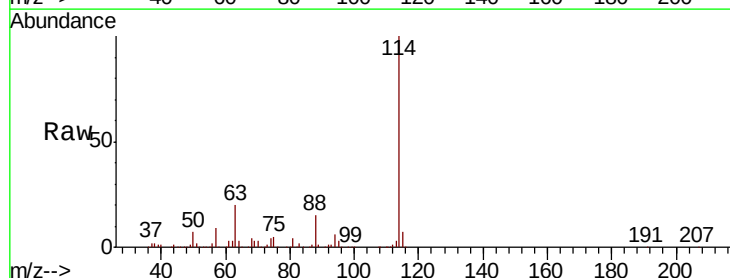
Instrument :
 MSVOA_D
 ClientSampled :

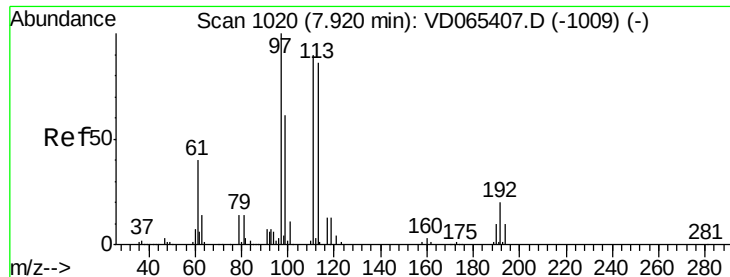
Tot Ion: 65 Resp: 279232
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065430.D
 Acq: 05 Mar 2020 14:43

Tgt Ion: 114 Resp: 940327
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 15.2 0.0 30.4

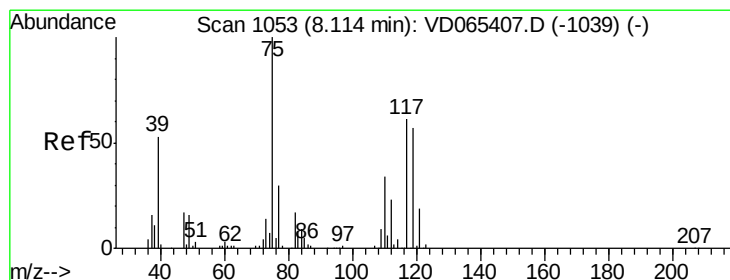
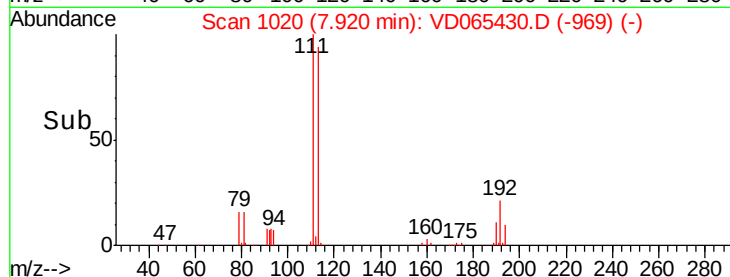
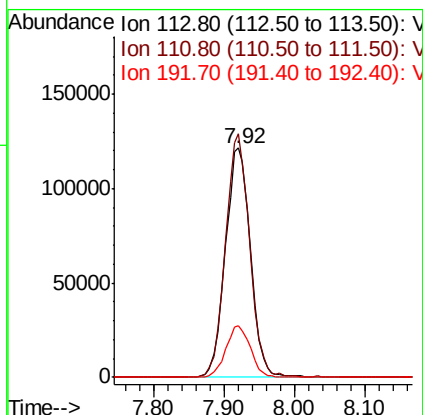
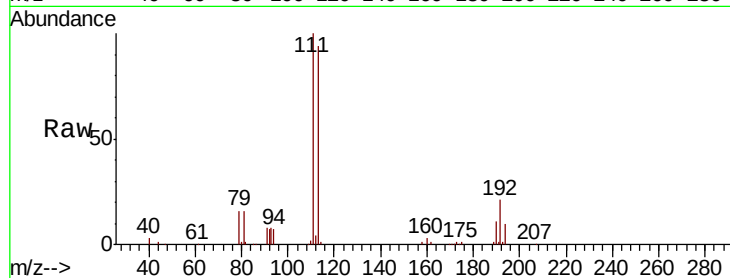




#35
 Dibromofluoromethane
 Concen: 51.340 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065430.D
 Acq: 05 Mar 2020 14:43

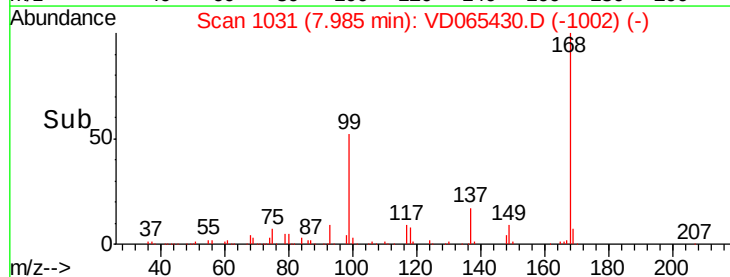
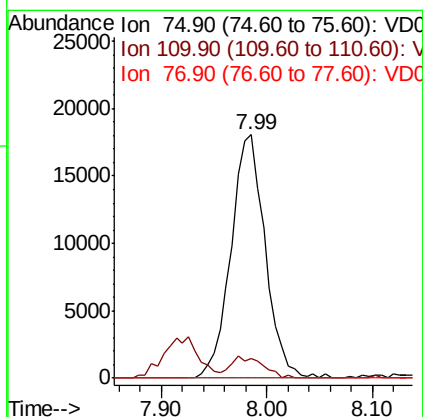
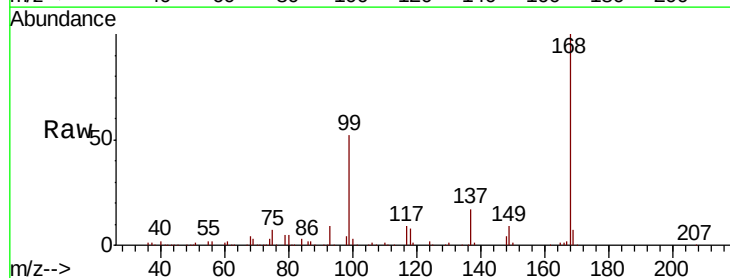
Instrument :
 MSVOA_D
 ClientSampleId :

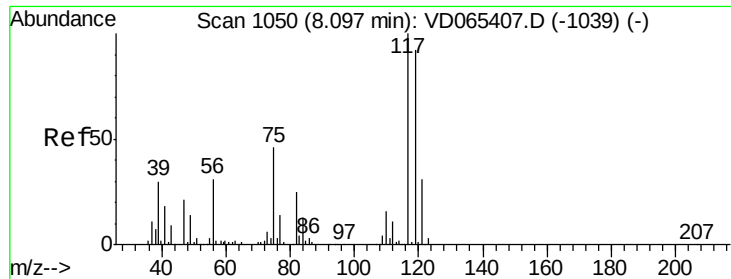
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	22.0	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065430.D
 Acq: 05 Mar 2020 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.2	37.8#

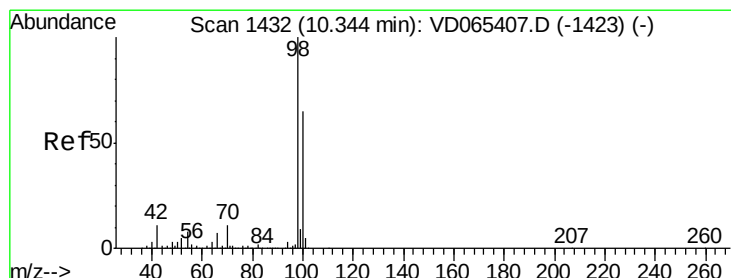
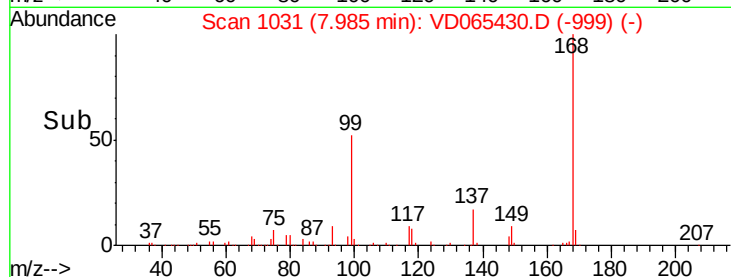
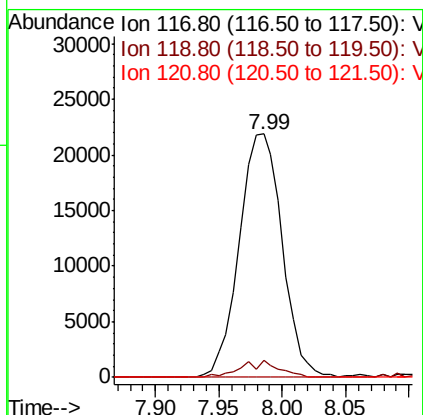
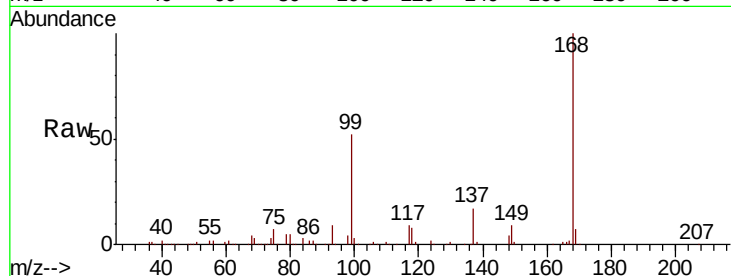




#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

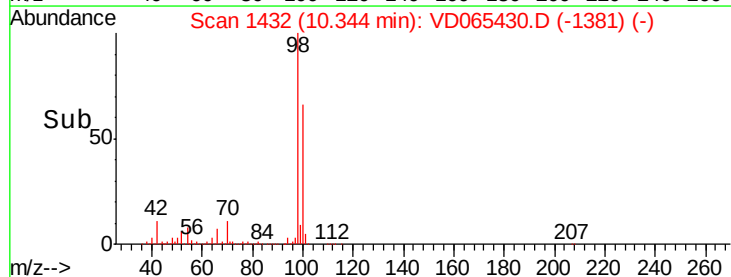
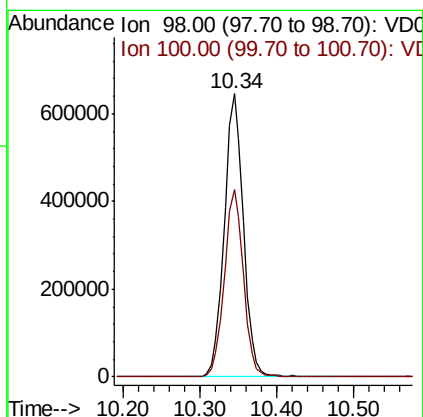
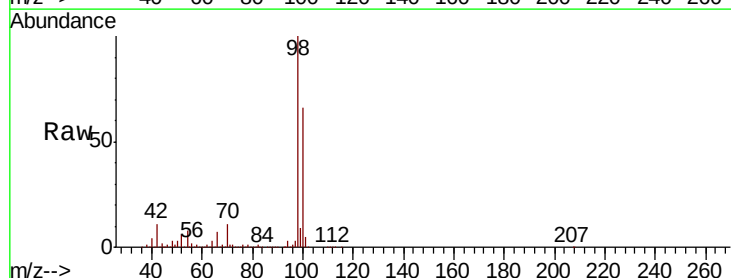
Instrument :
MSVOA_D
ClientSampled :

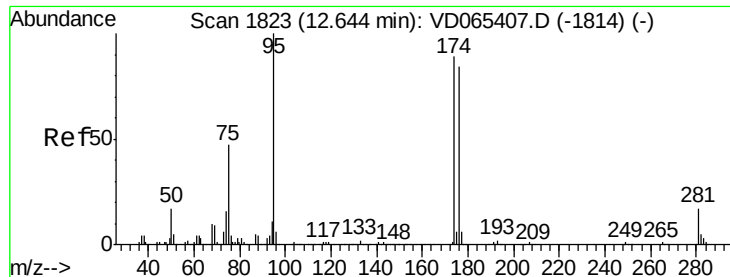
Tot Ion:117 Resp: 51380
Ion Ratio Lower Upper
117 100
119 6.8 73.3 109.9#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.195 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

Tgt Ion: 98 Resp: 1119779
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

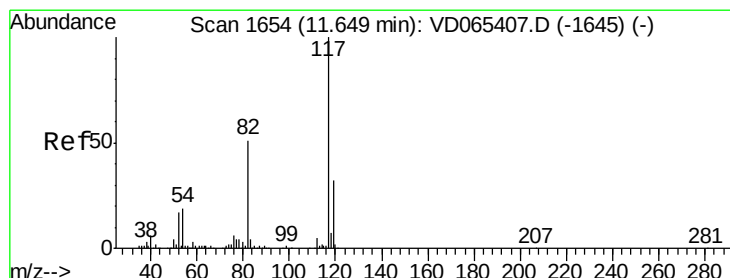
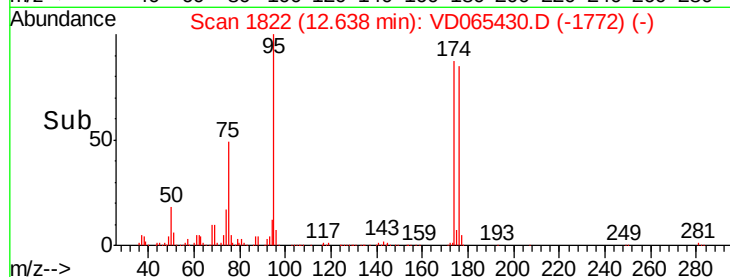
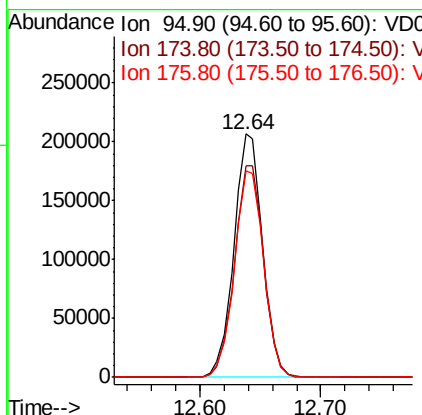
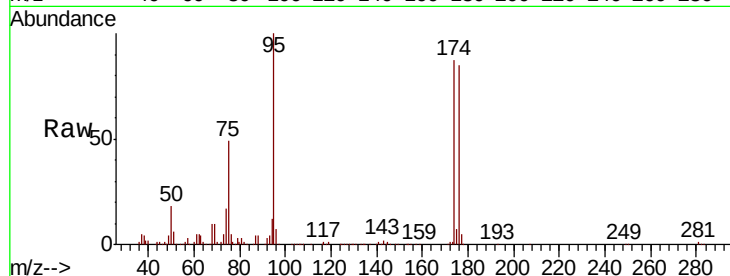




#62
4-Bromofluorobenzene
Concen: 49.248 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

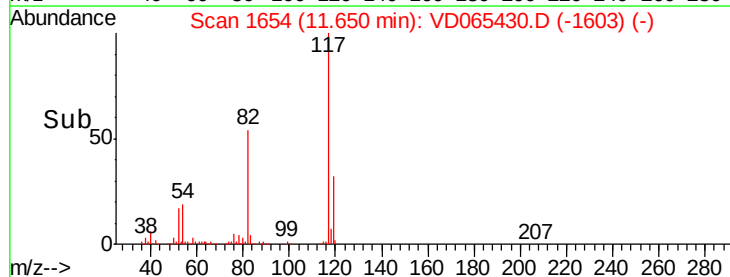
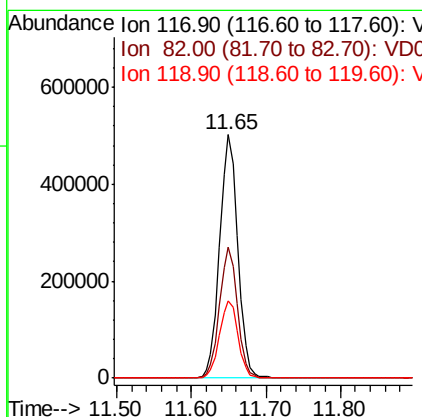
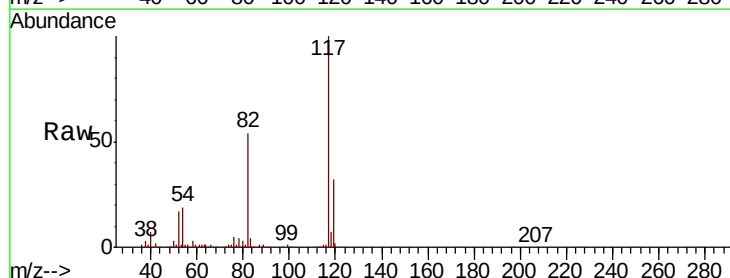
Instrument :
MSVOA_D
ClientSampleId :

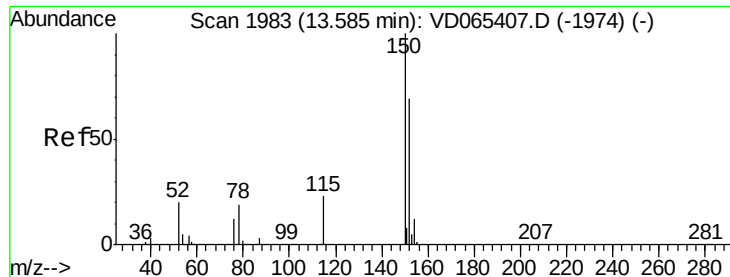
Tot Ion: 95 Resp: 339164
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.8
176 87.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

Tgt Ion: 117 Resp: 849009
Ion Ratio Lower Upper
117 100
82 53.9 40.6 60.8
119 31.7 25.4 38.2



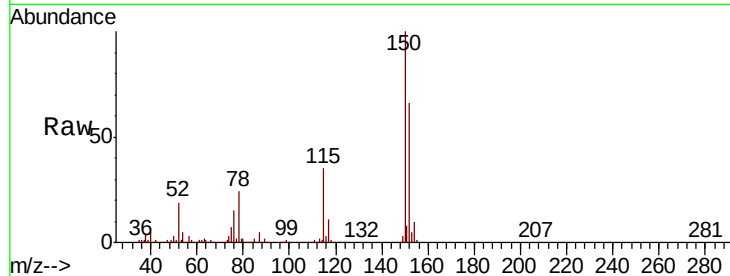


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.6	82.8
150	156.4	0.0	345.0

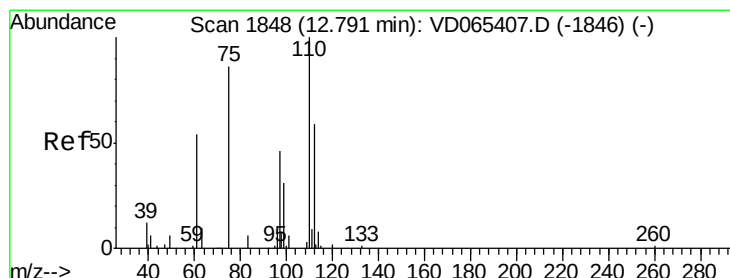
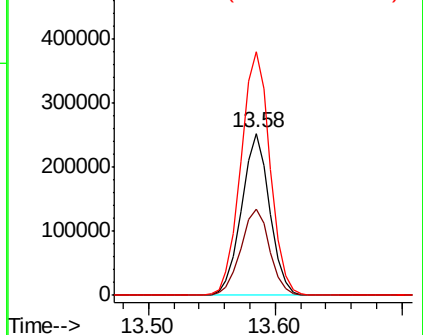
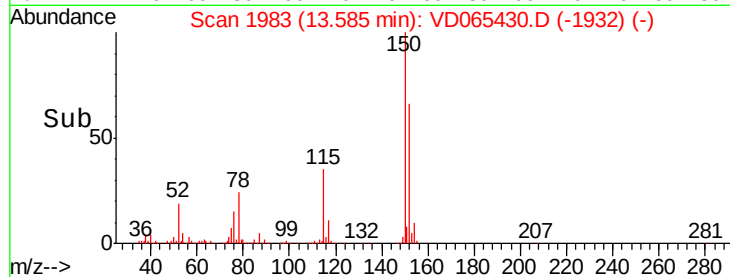


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

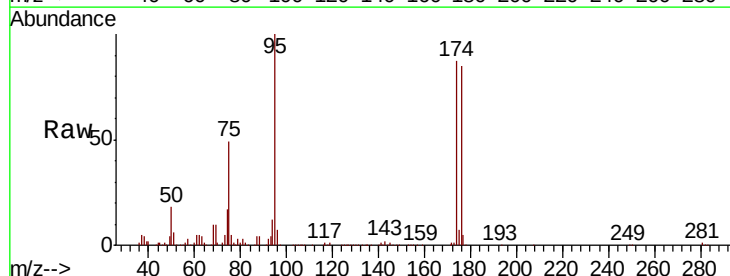
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 54.417 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

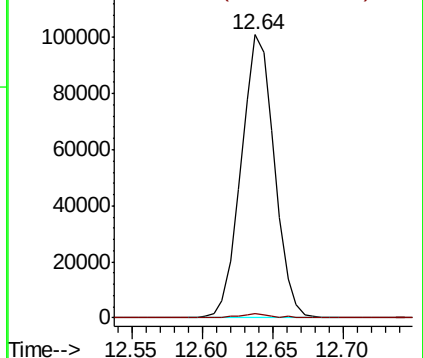
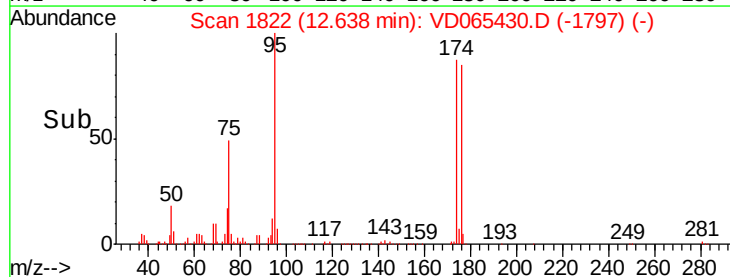
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

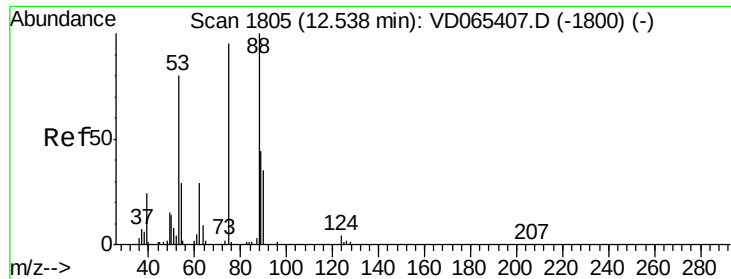


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

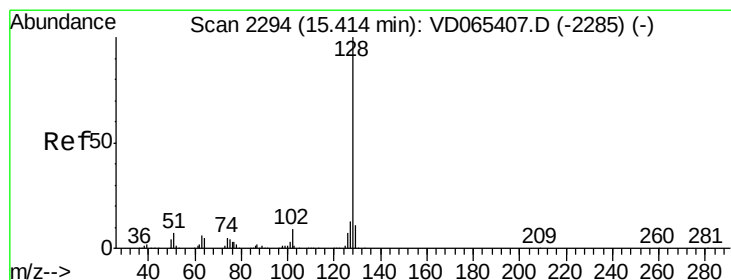
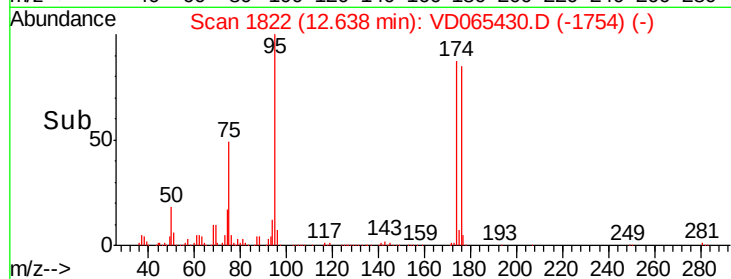
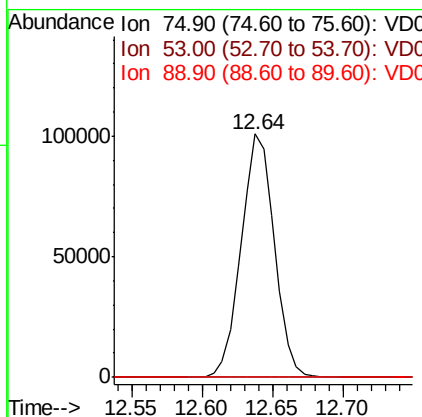
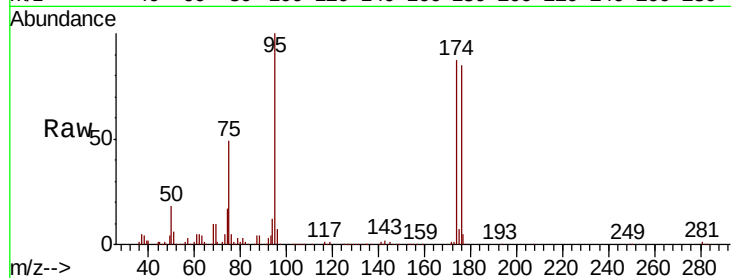




#81
trans-1,4-Dichloro-2-butene
Concen: 114.837 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 166106
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 4.501 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065430.D
Acq: 05 Mar 2020 14:43

Tgt Ion:128 Resp: 1283
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

