

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065114.D
 Acq On : 07 Feb 2020 17:16
 Operator : VA/SY
 Sample : L1403-09
 Misc : 5.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:08:50 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

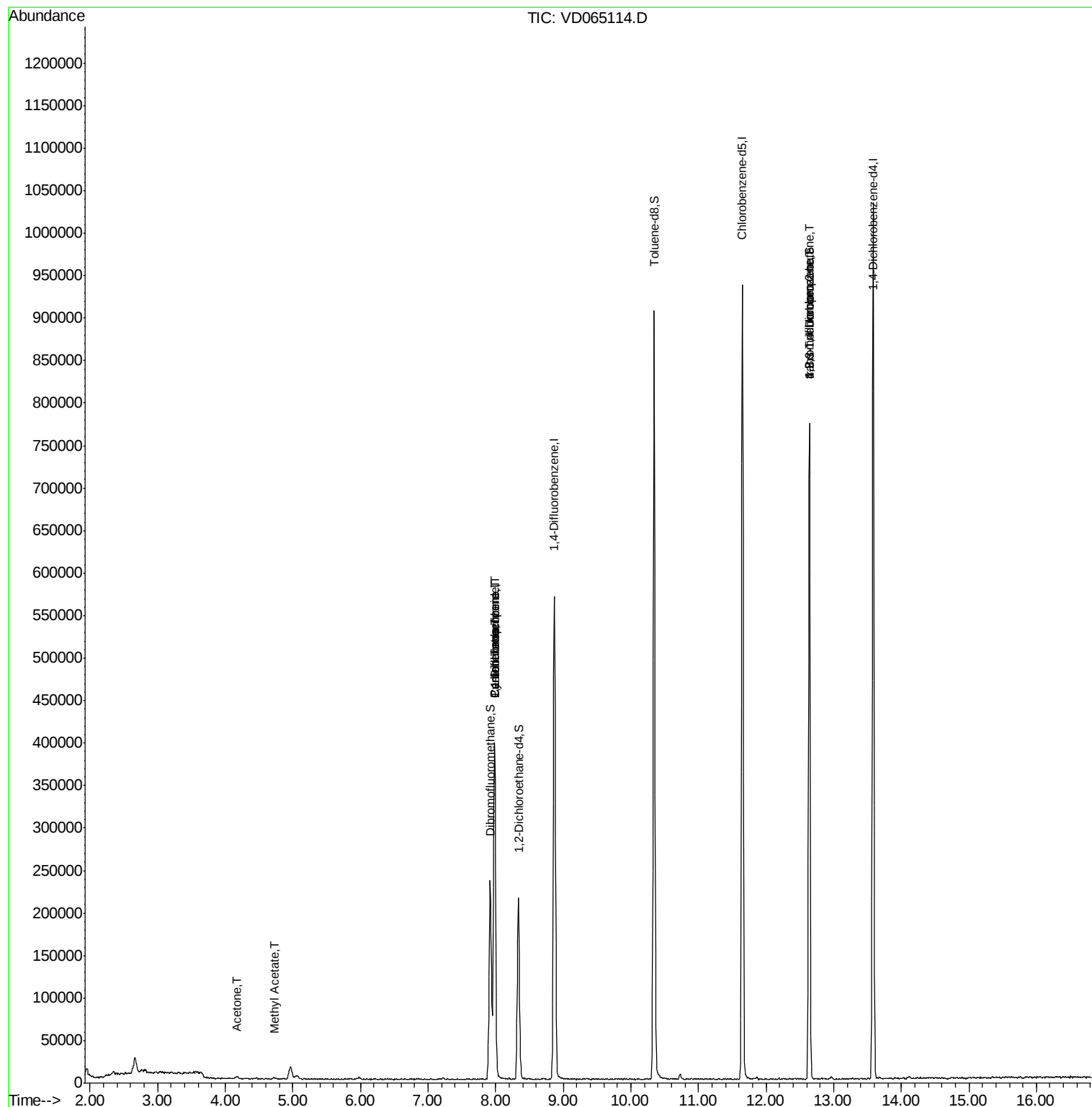
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	303042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	533478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	171999	66.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.56%	
35) Dibromofluoromethane	7.92	113	162573	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
50) Toluene-d8	10.34	98	606682	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
62) 4-Bromofluorobenzene	12.64	95	236998	68.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.82%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	5257	8.164	ug/l #	71
18) Methyl Acetate	4.73	43	1544	1.148	ug/l #	81
20) Methylene Chloride	4.96	84	11011	Below Cal		87
31) Cyclohexane	7.98	56	7105	1.387	ug/l #	18
36) 1,1-Dichloropropene	7.98	75	22858	4.993	ug/l #	49
38) Carbon Tetrachloride	7.98	117	29629	6.337	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	122901	60.301	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	122901	120.597	ug/l #	10

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 08 00:08:50 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: VD065114.D

Acq: 07 Feb 2020 17:16

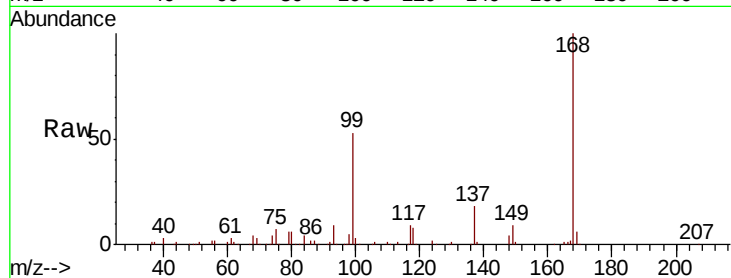
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 303042

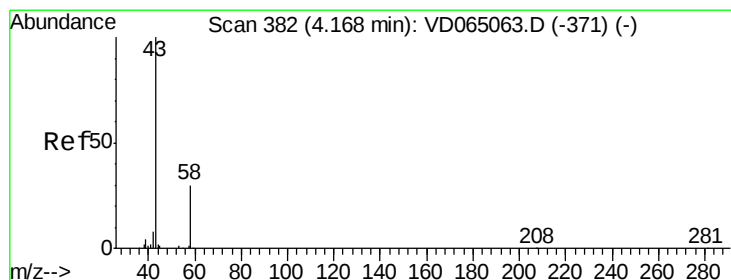
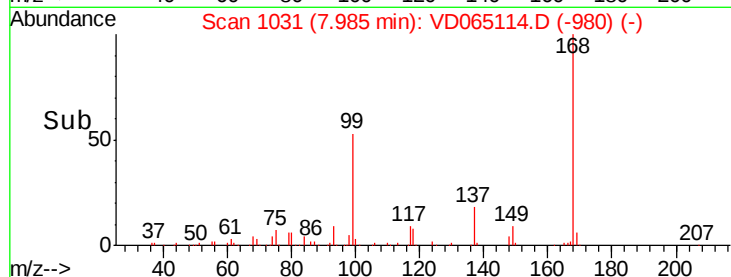
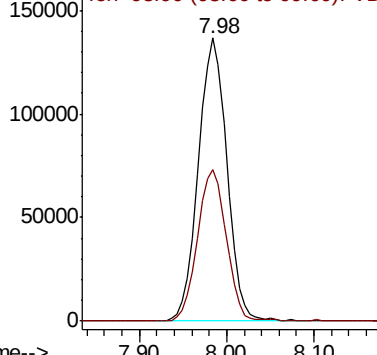
Ion Ratio Lower Upper

168 100

99 53.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#16

Acetone

Concen: 8.164 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065114.D

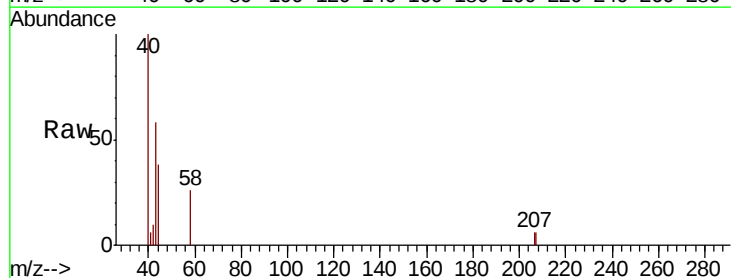
Acq: 07 Feb 2020 17:16

Tgt Ion: 43 Resp: 5257

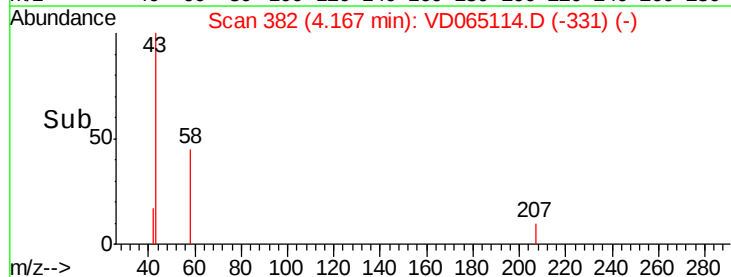
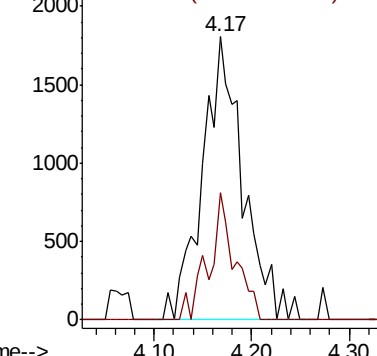
Ion Ratio Lower Upper

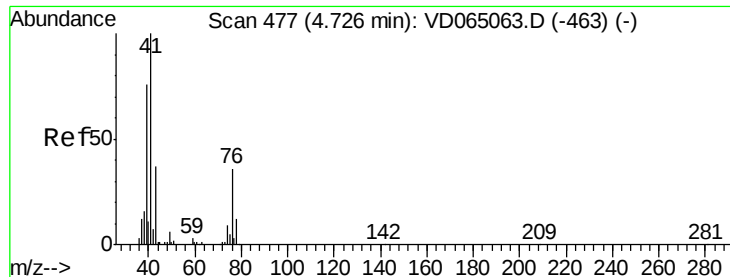
43 100

58 44.9 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V

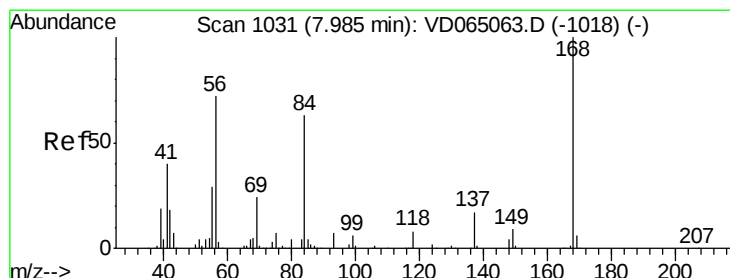
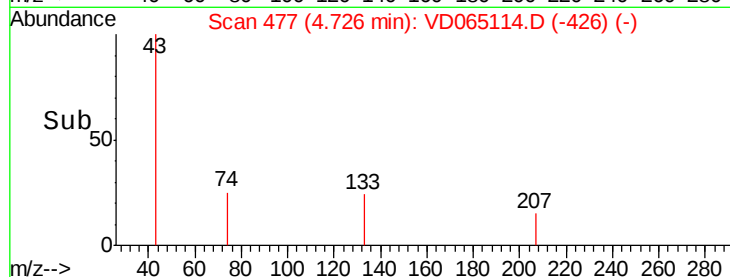
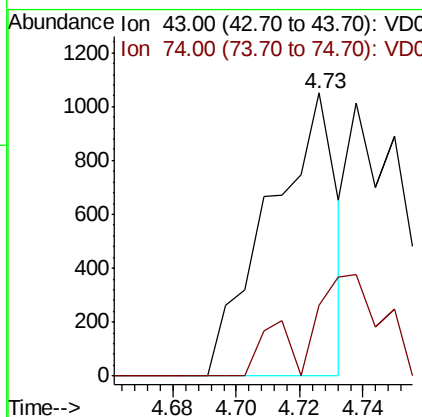
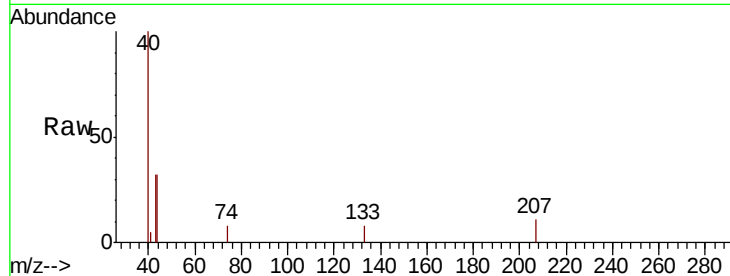




#18
Methvl Acetate
Concen: 1.148 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

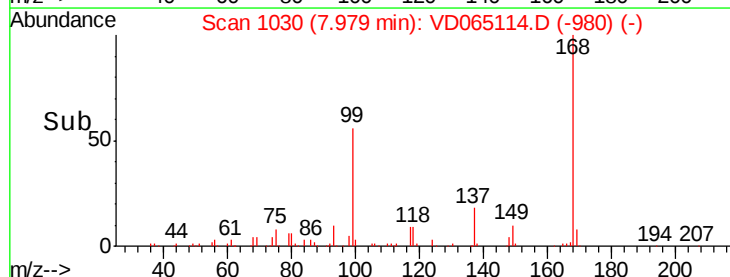
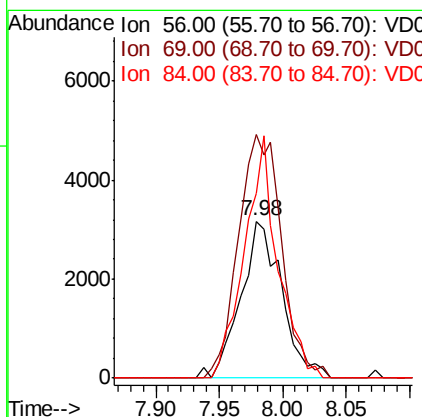
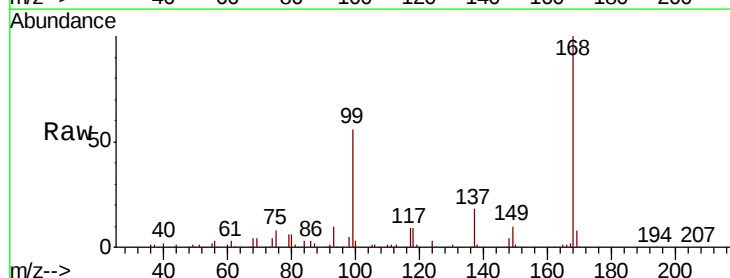
Instrument :
MSVOA_D
ClientSampled :

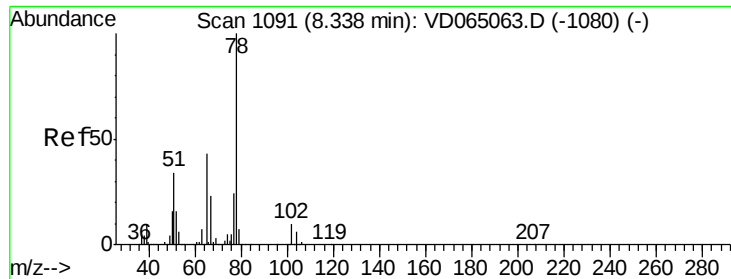
Tot Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
74 32.7 18.7 28.1#



#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

Tgt Ion: 56 Resp: 7105
Ion Ratio Lower Upper
56 100
69 155.4 26.6 40.0#
84 117.8 70.6 106.0#





#33

1,2-Dichloroethane-d4

Concen: 66.780 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065114.D

Acq: 07 Feb 2020 17:16

Instrument :

MSVOA_D

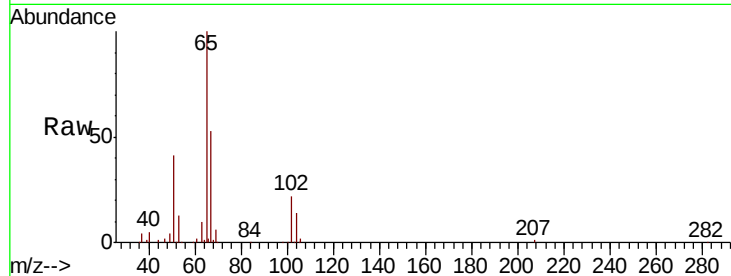
ClientSampleId :

Tot Ion: 65 Resp: 171999

Ion Ratio Lower Upper

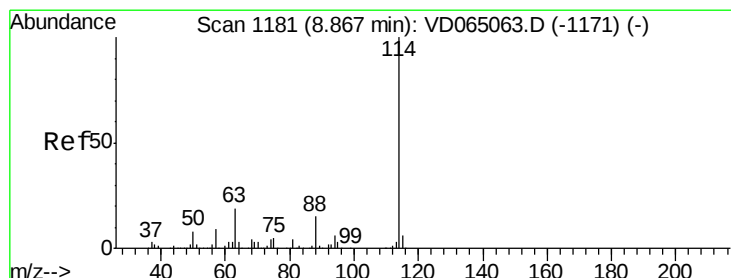
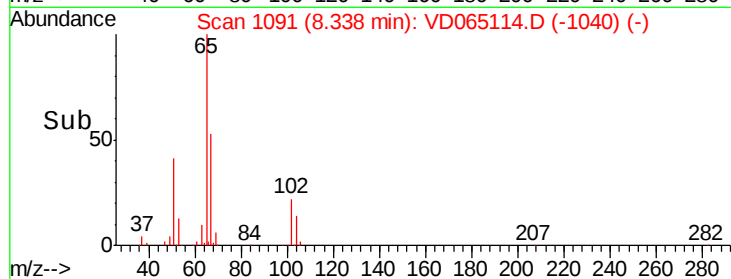
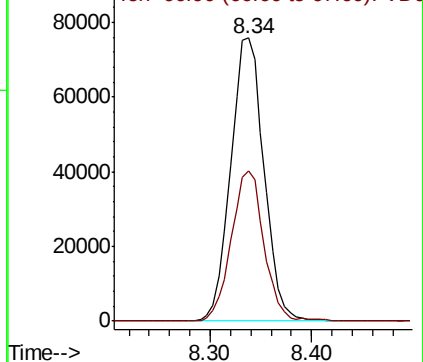
65 100

67 52.4 0.0 105.8



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: VD065114.D

Acq: 07 Feb 2020 17:16

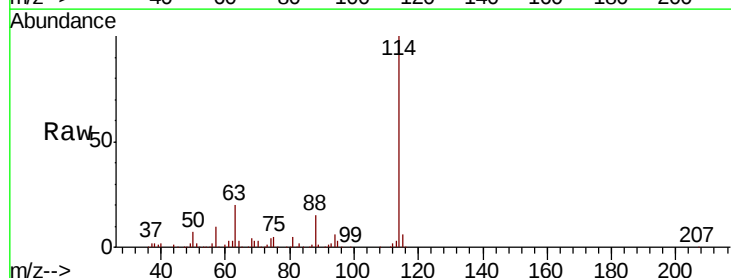
Tgt Ion: 114 Resp: 492358

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

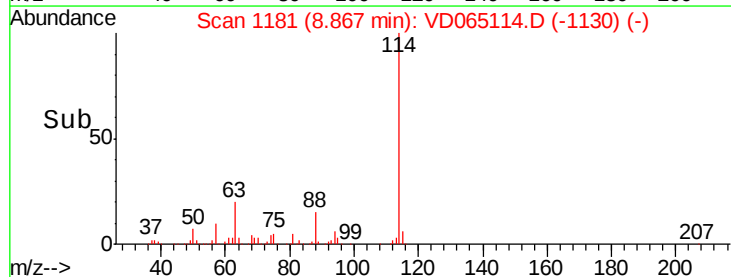
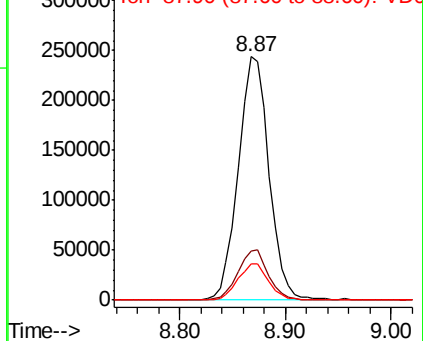
88 14.7 0.0 29.6

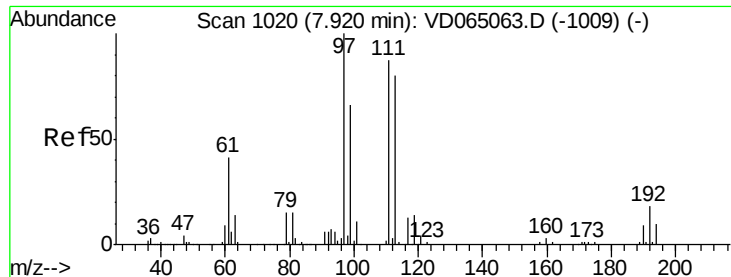


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

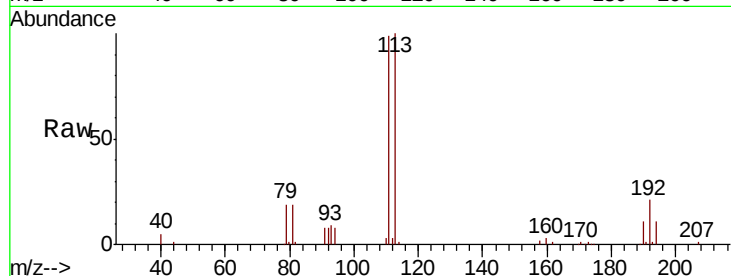




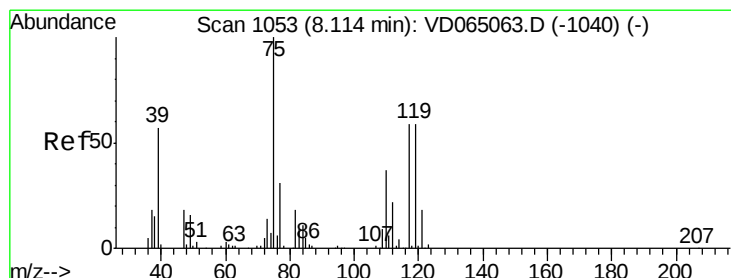
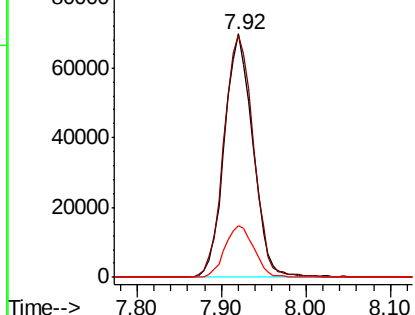
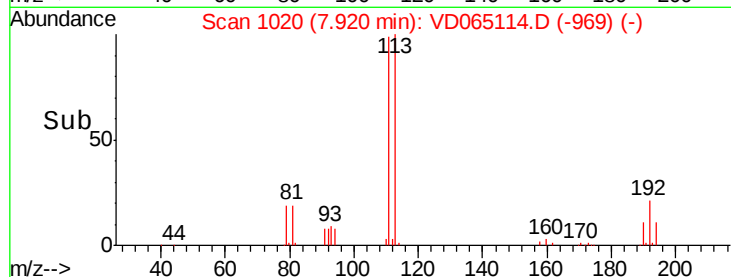
#35
 Dibromofluoromethane
 Concen: 59.181 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065114.D
 Acq: 07 Feb 2020 17:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	21.4	18.1	27.1

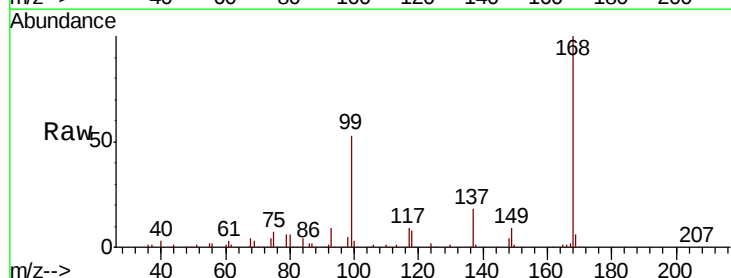


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

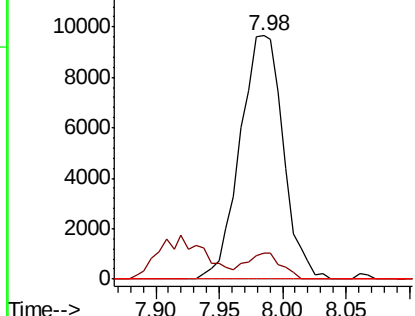
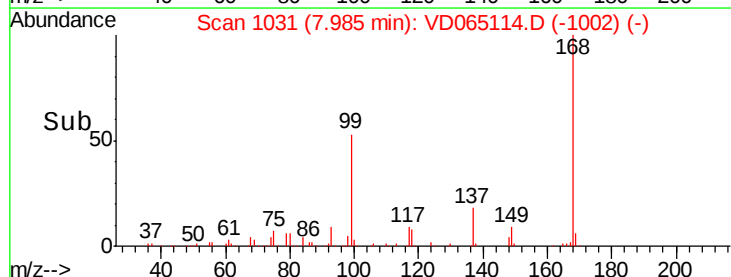


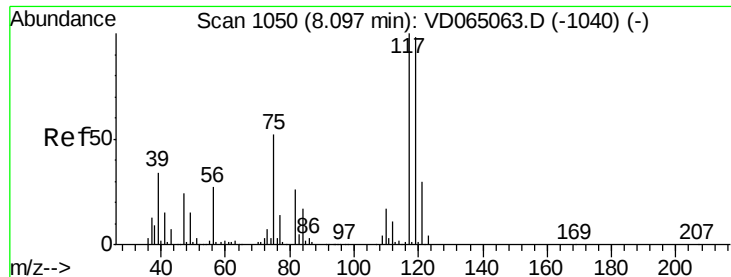
#36
 1,1-Dichloropropene
 Concen: 4.993 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065114.D
 Acq: 07 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.3#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

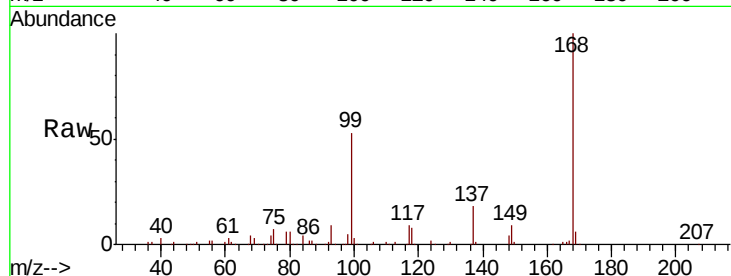




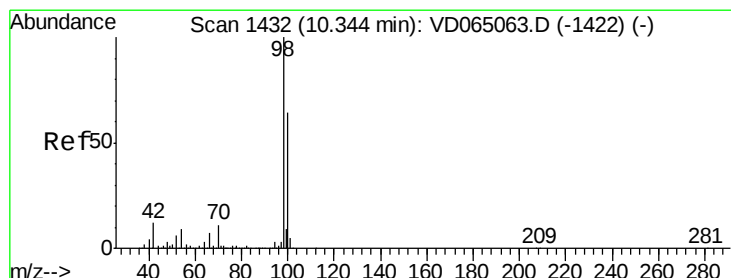
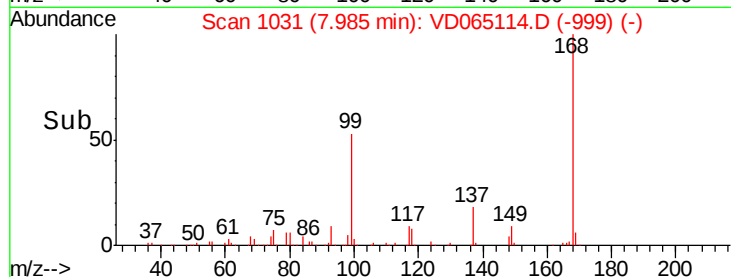
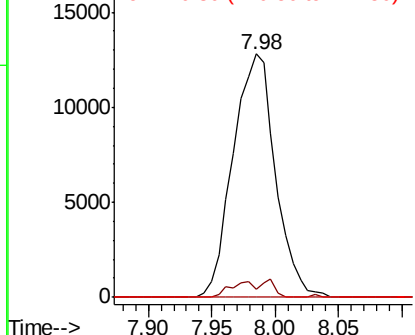
#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 29629
Ion Ratio Lower Upper
117 100
119 3.3 78.5 117.7#
121 0.0 23.8 35.6#

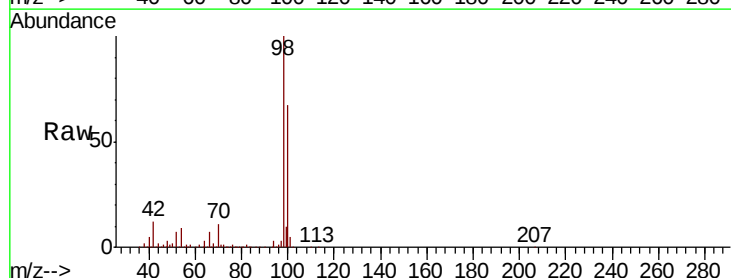


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

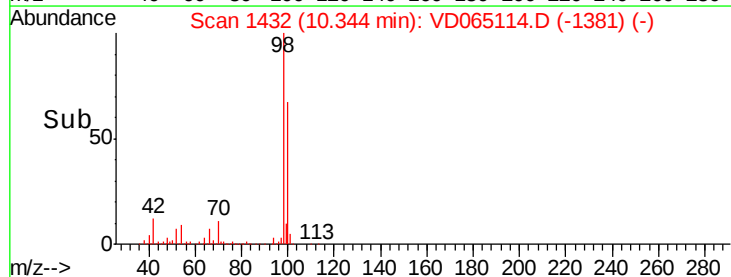
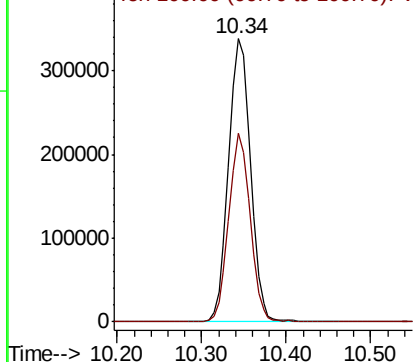


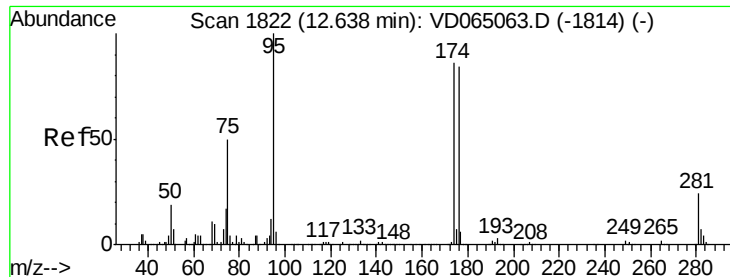
#50
Toluene-d8
Concen: 55.485 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

Tgt Ion: 98 Resp: 606682
Ion Ratio Lower Upper
98 100
100 64.7 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: 68.406 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065114.D

Acq: 07 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

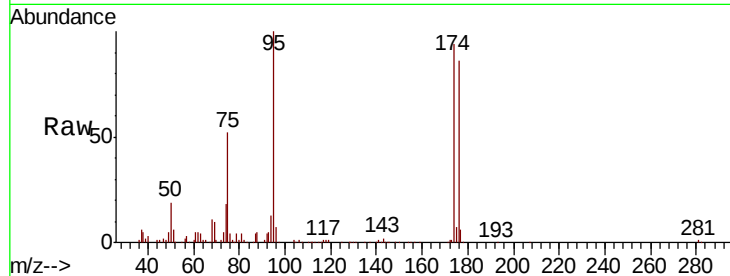
Tot Ion: 95 Resp: 236998

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

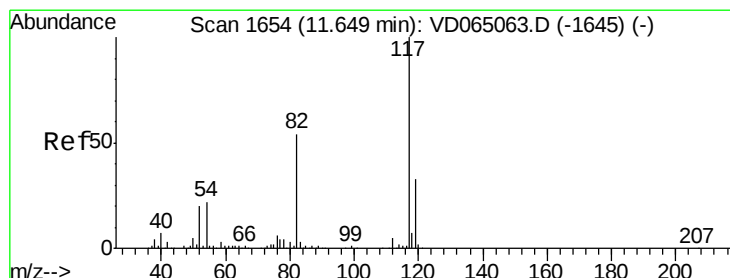
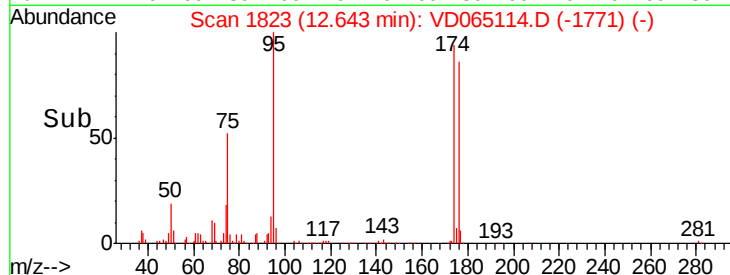
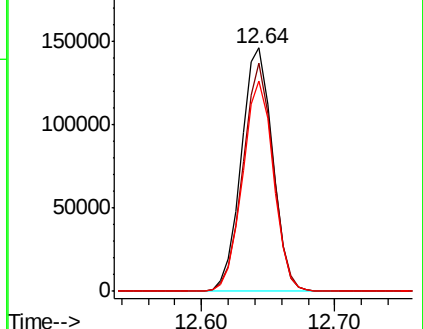
176 84.9 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065114.D

Acq: 07 Feb 2020 17:16

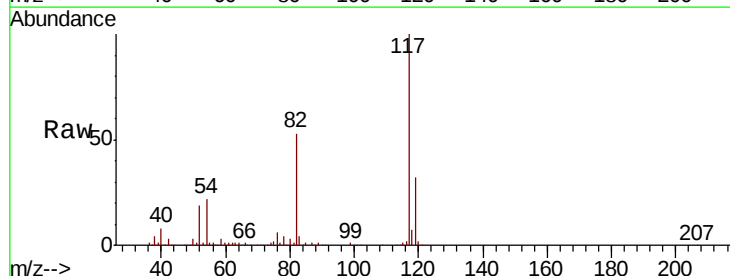
Tgt Ion: 117 Resp: 533478

Ion Ratio Lower Upper

117 100

82 53.4 43.1 64.7

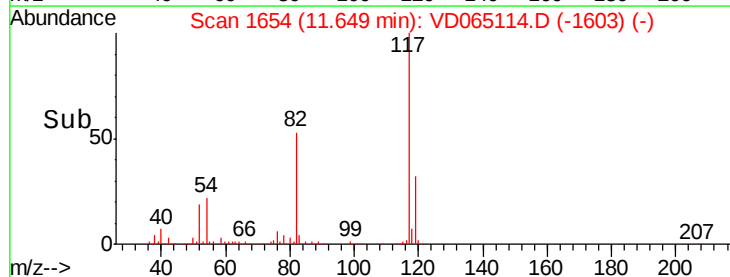
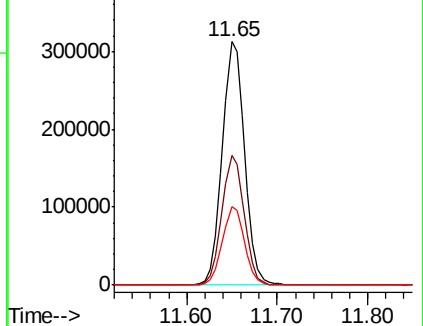
119 32.1 26.0 39.0

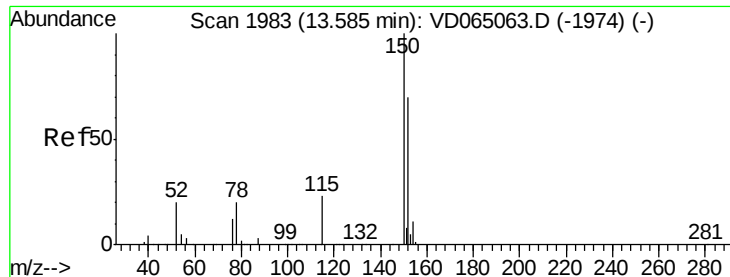


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



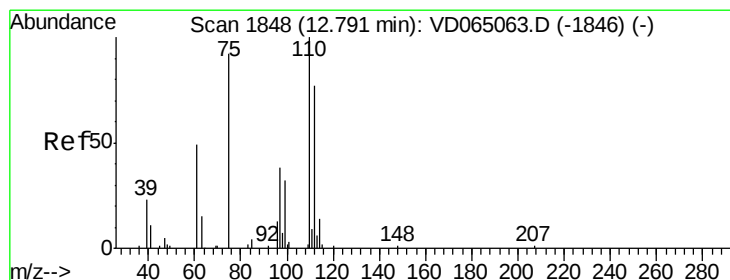
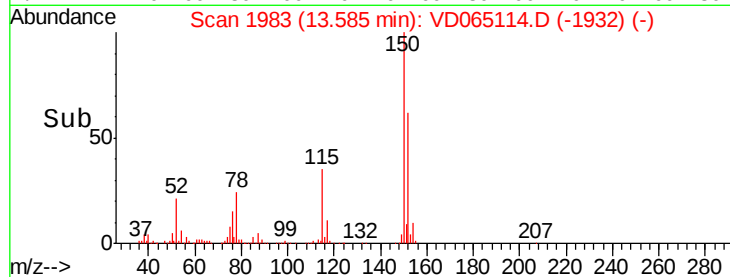
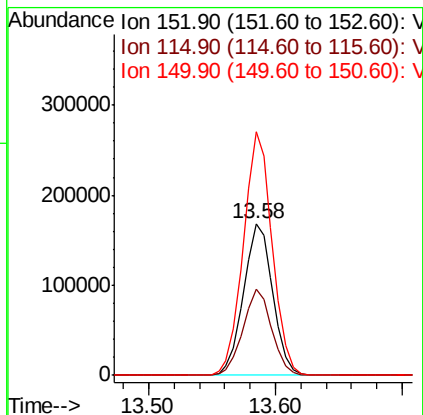
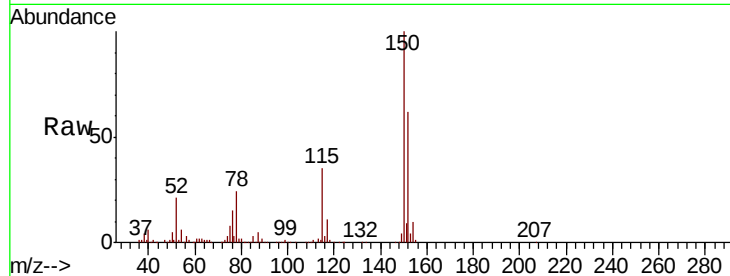


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :

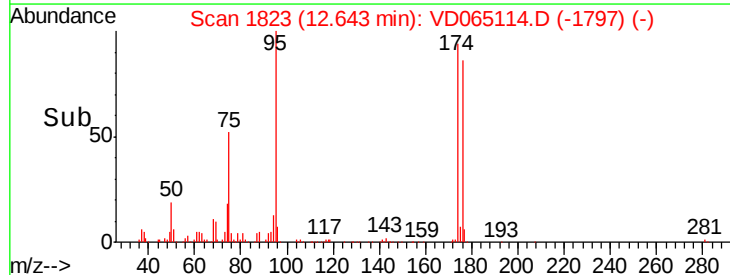
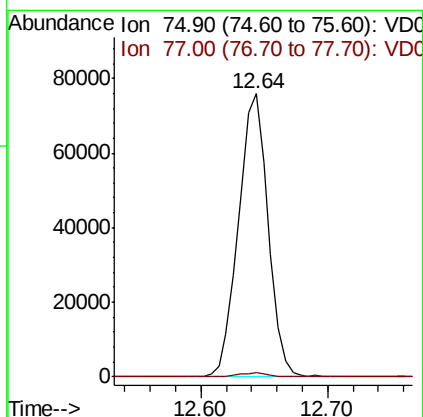
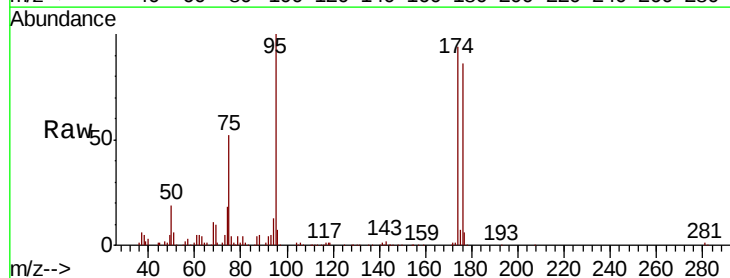
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	157.7	0.0	343.2

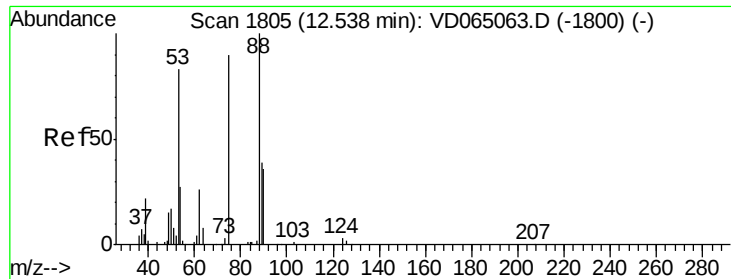


#76

1,2,3-Trichloropropane
Concen: 60.301 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065114.D
Acq: 07 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.597 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065114.D

Acq: 07 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 122901

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#

