

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065135.D
 Acq On : 10 Feb 2020 16:16
 Operator : VA/SY
 Sample : L1403-09RE
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 08:07:23 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

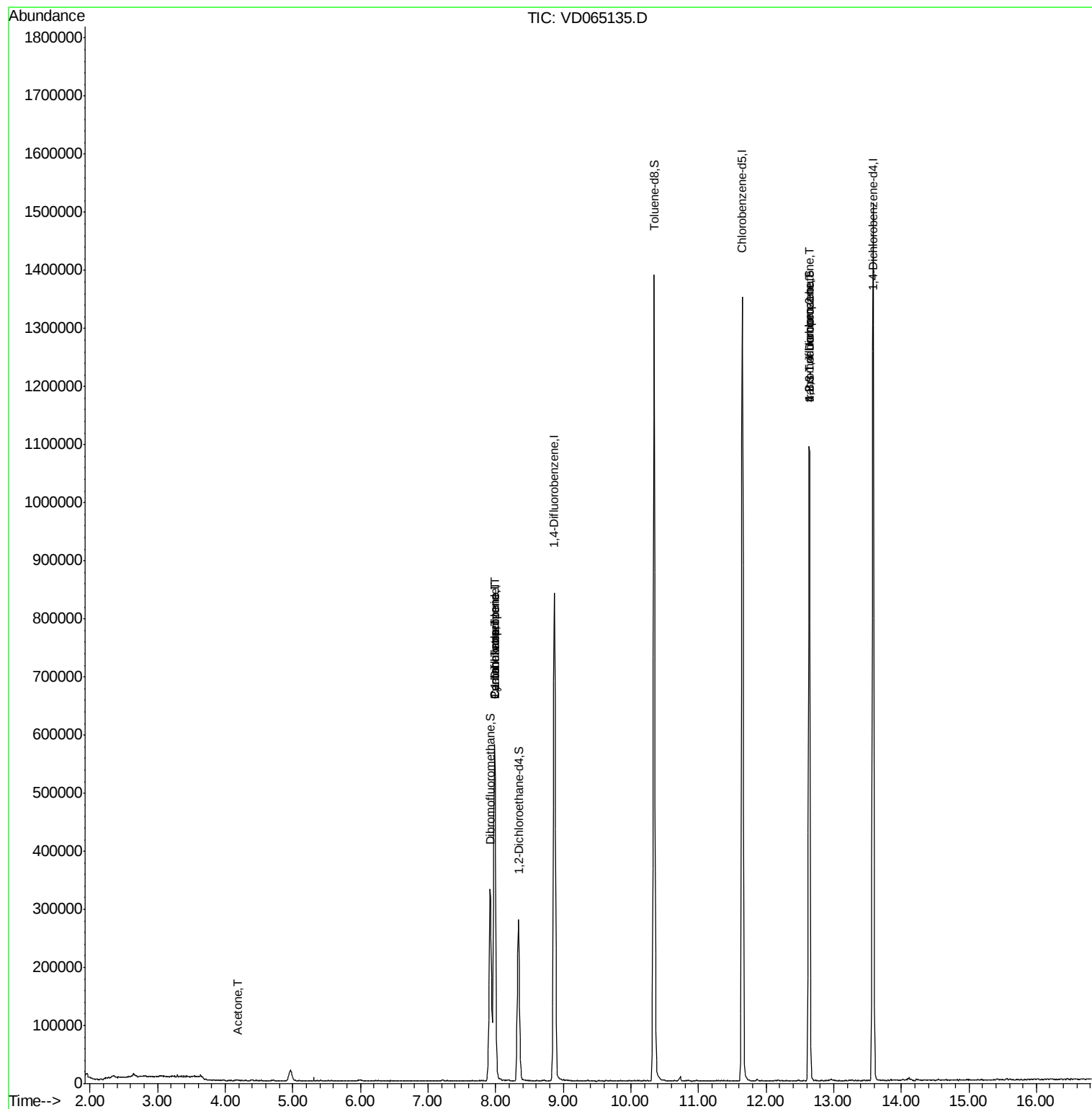
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	446049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	731025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	780889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	225168	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
35) Dibromofluoromethane	7.93	113	231953	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
50) Toluene-d8	10.34	98	904673	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.64	95	338089	65.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.44%	
Target Compounds						
16) Acetone	4.17	43	2424	2.557	ug/l	95
20) Methylene Chloride	4.96	84	14382	Below Cal	#	89
31) Cyclohexane	7.98	56	9972	1.322	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	32998	4.854	ug/l #	44
38) Carbon Tetrachloride	7.98	117	39945	5.754	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	177547	59.432	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	177547	118.859	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
Data File : VD065135.D
Acq On : 10 Feb 2020 16:16
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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Feb 11 08:07:23 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: VD065135.D

Acq: 10 Feb 2020 16:16

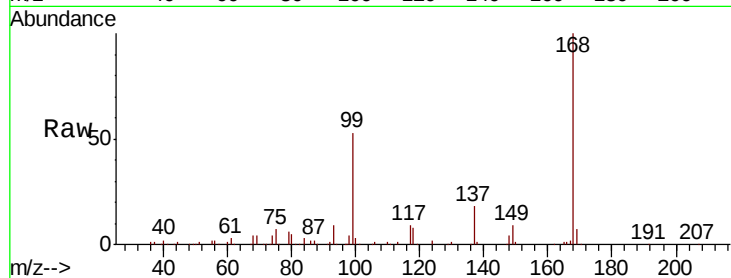
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 446049

Ion Ratio Lower Upper

168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

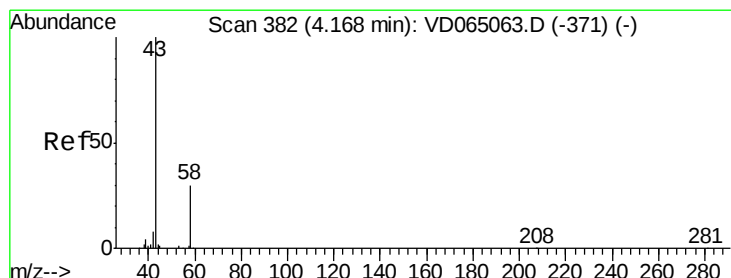
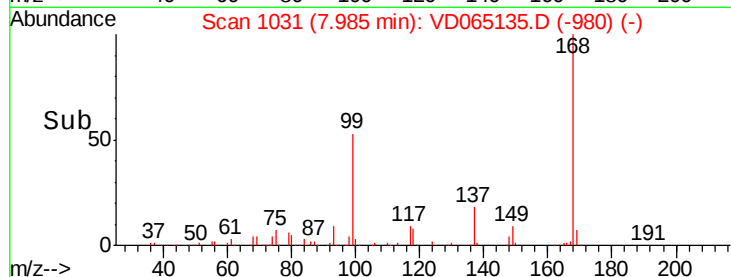
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 2.557 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065135.D

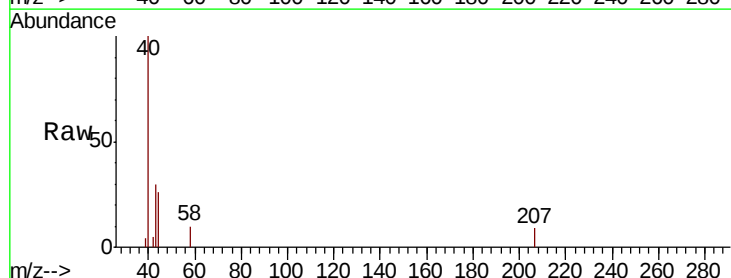
Acq: 10 Feb 2020 16:16

Tgt Ion: 43 Resp: 2424

Ion Ratio Lower Upper

43 100

58 32.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

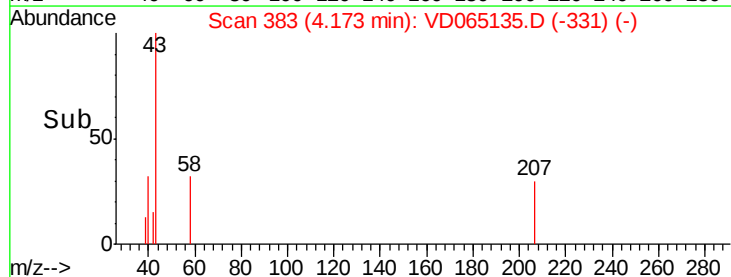
1000

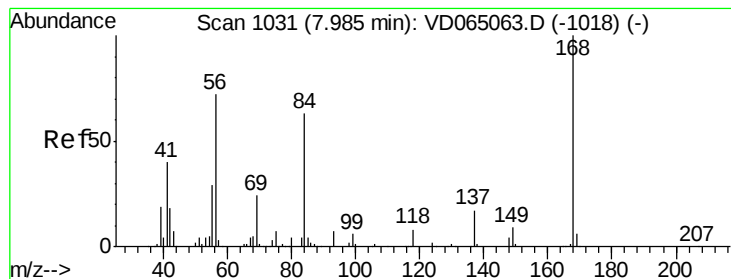
500

0

Time-->

4.10 4.15 4.20 4.25





#31

Cyclohexane

Concen: 1.322 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

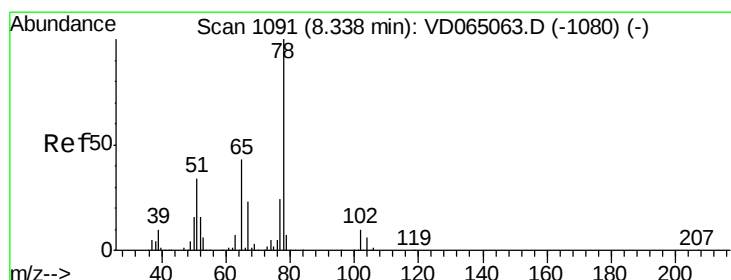
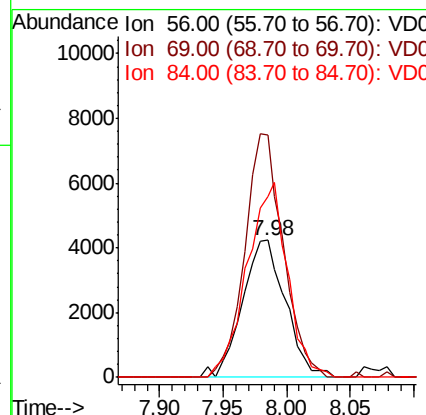
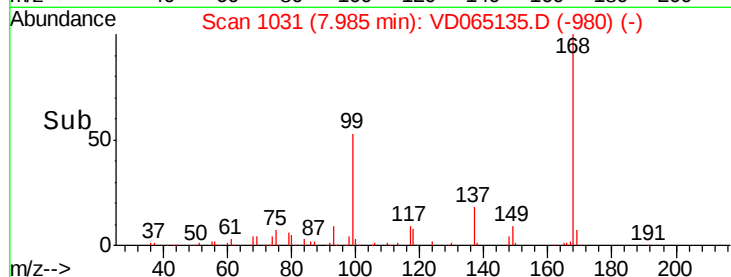
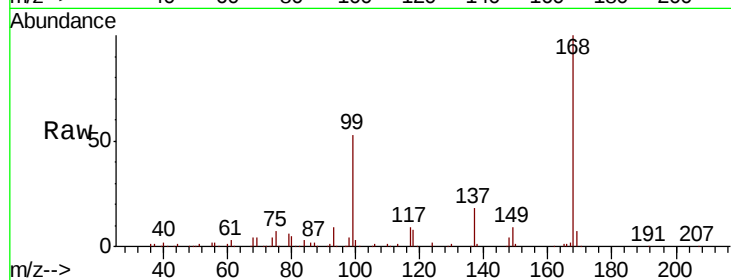
Tot Ion: 56 Resp: 9972

Ion Ratio Lower Upper

56 100

69 176.7 26.6 40.0#

84 132.5 70.6 106.0#



#33

1,2-Dichloroethane-d4

Concen: 59.395 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065135.D

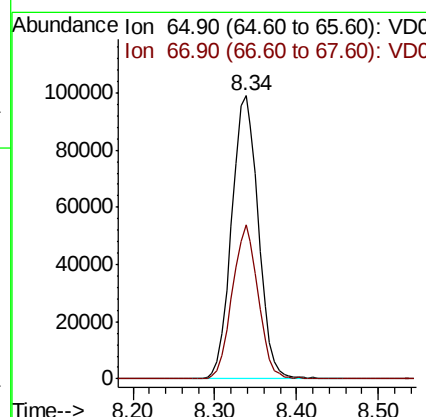
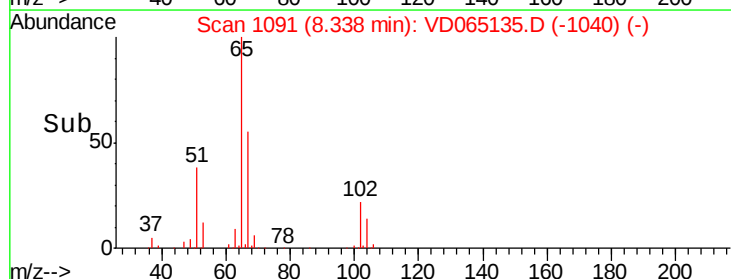
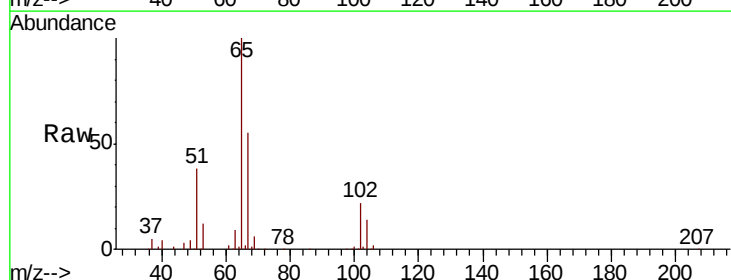
Acq: 10 Feb 2020 16:16

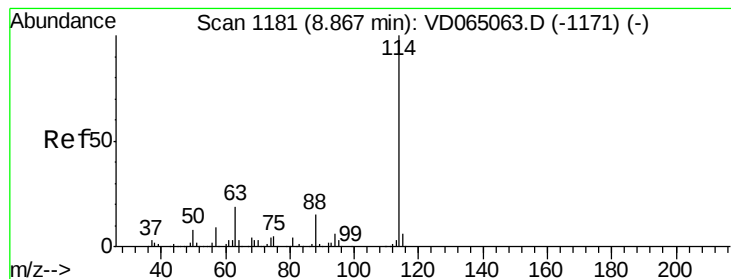
Tgt Ion: 65 Resp: 225168

Ion Ratio Lower Upper

65 100

67 52.7 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: VD065135.D

Acq: 10 Feb 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

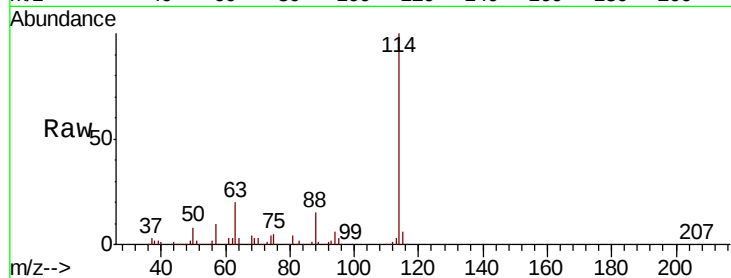
Tot Ion:114 Resp: 731025

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

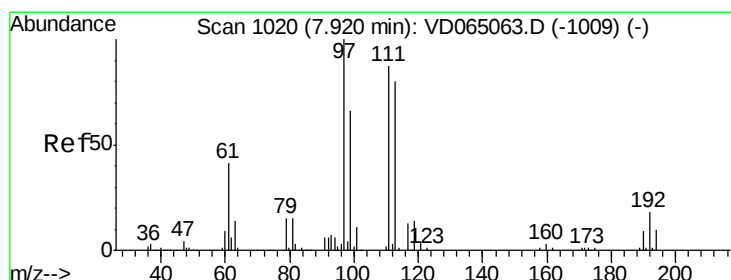
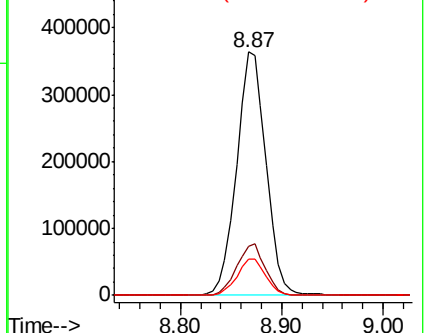
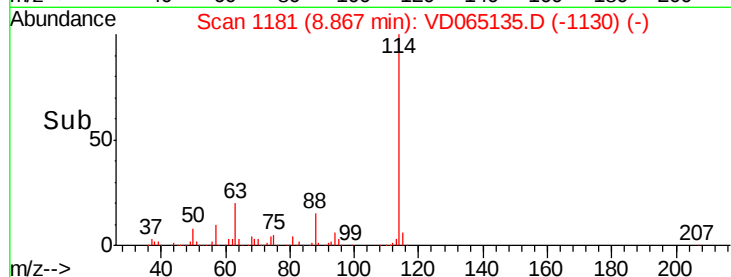
88 14.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 56.870 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

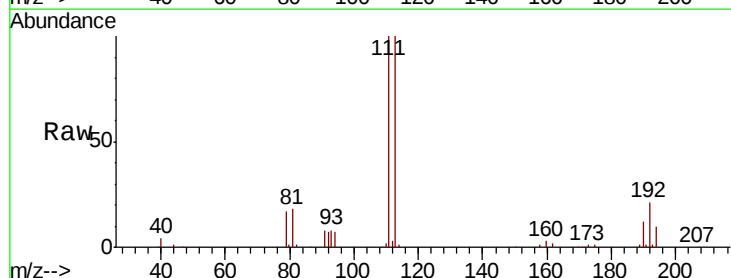
Tgt Ion:113 Resp: 231953

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

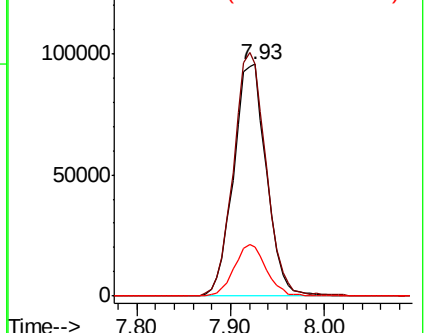
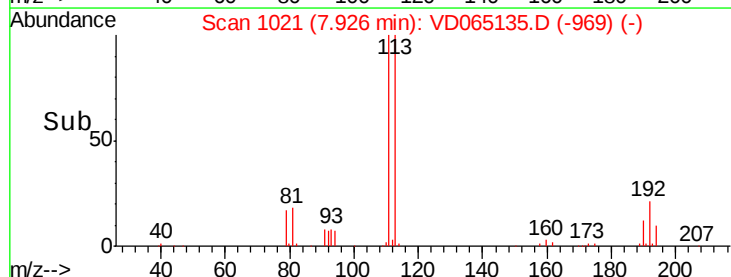
192 21.6 18.1 27.1

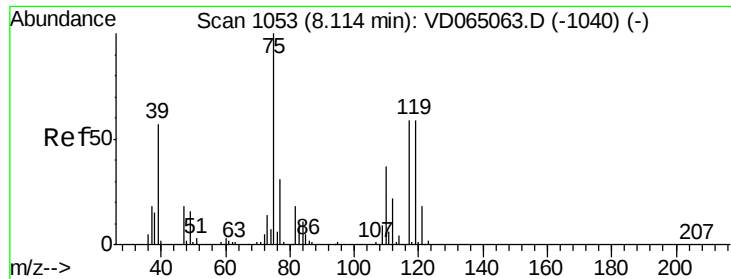


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

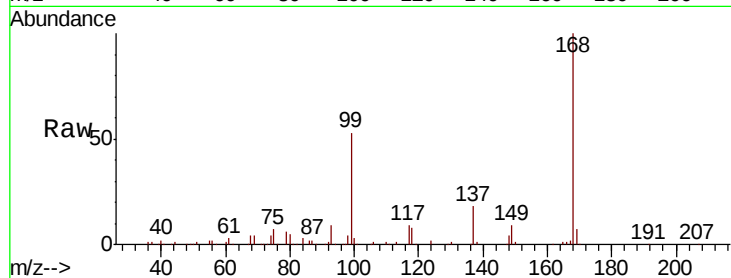




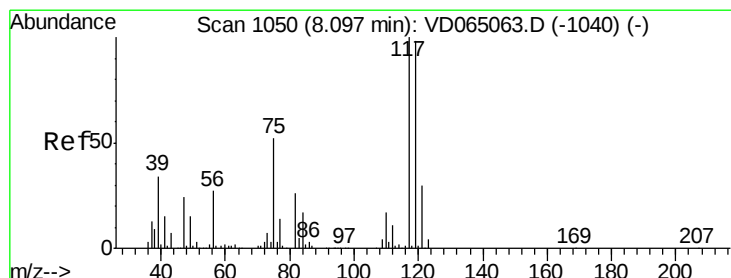
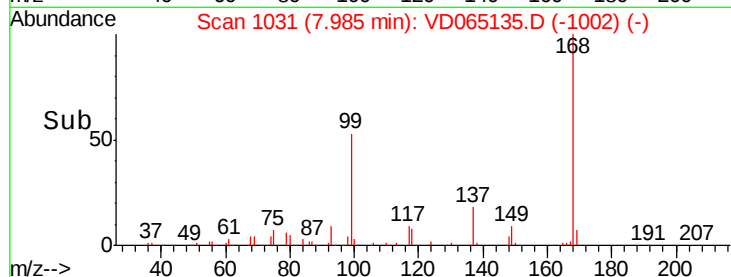
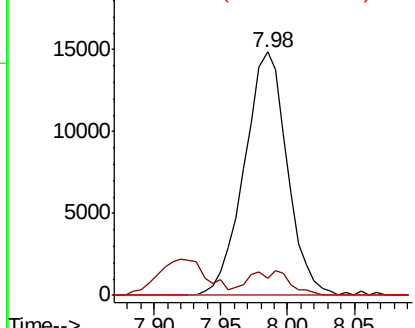
#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065135.D
 Acq: 10 Feb 2020 16:16

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	3.3	18.1	54.3#
77	0.0	24.7	37.1#

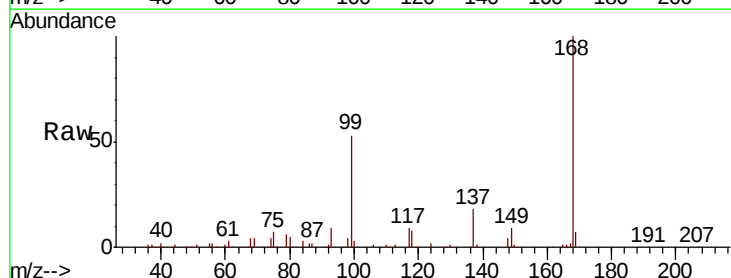


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

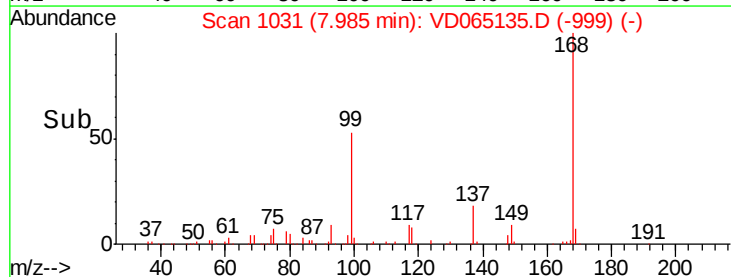
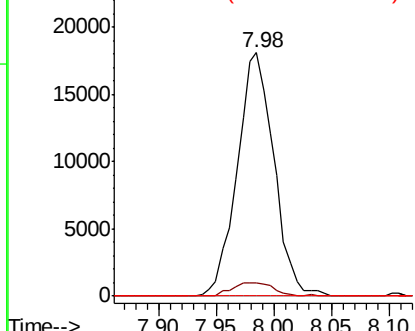


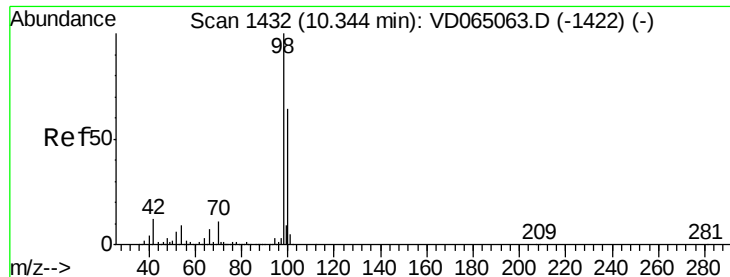
#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065135.D
 Acq: 10 Feb 2020 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	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

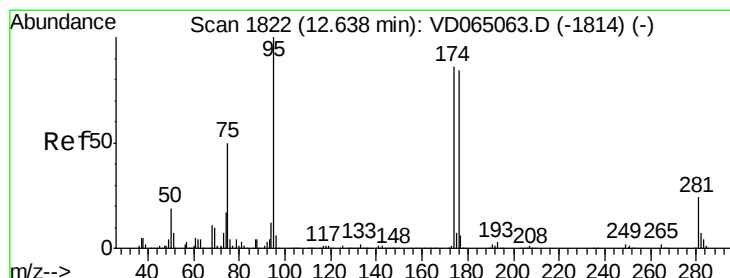
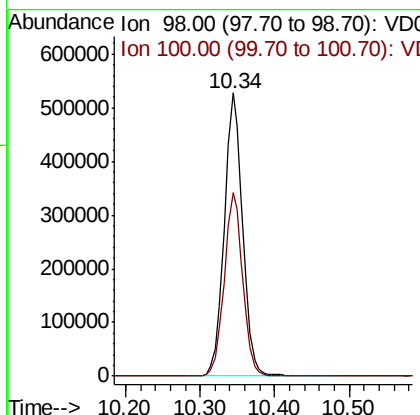
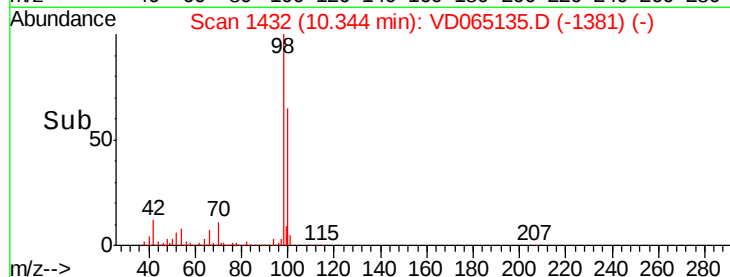
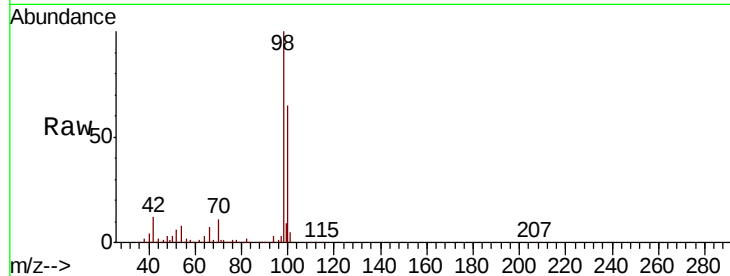




#50
Toluene-d8
Concen: 55.726 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

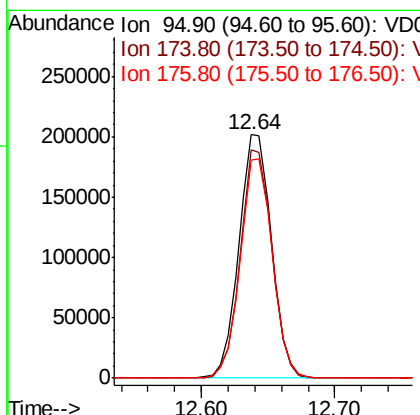
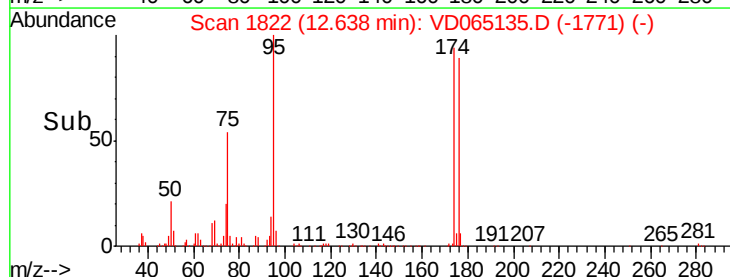
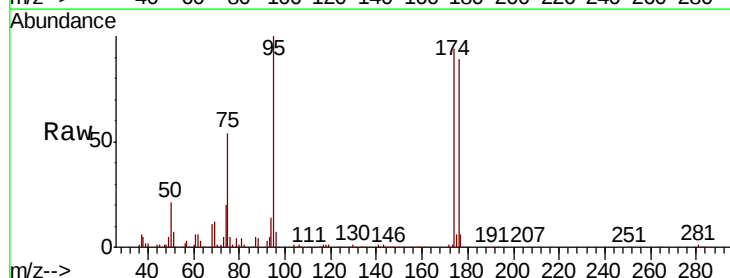
Instrument :
MSVOA_D
ClientSampleId :

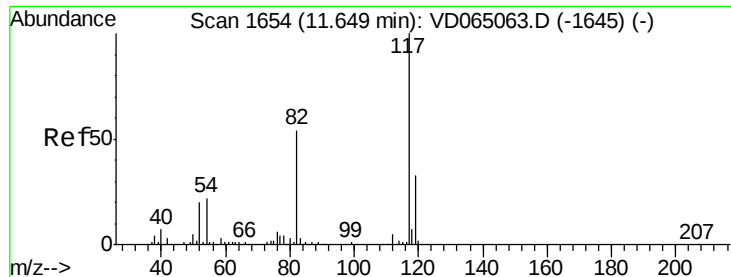
Tot Ion: 98 Resp: 904673
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 65.724 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

Tgt Ion: 95 Resp: 338089
Ion Ratio Lower Upper
95 100
174 92.0 0.0 180.0
176 88.9 0.0 173.2

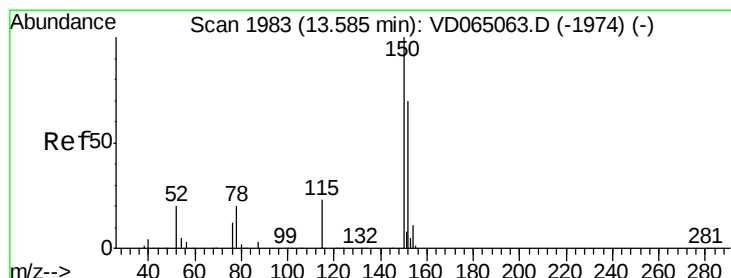
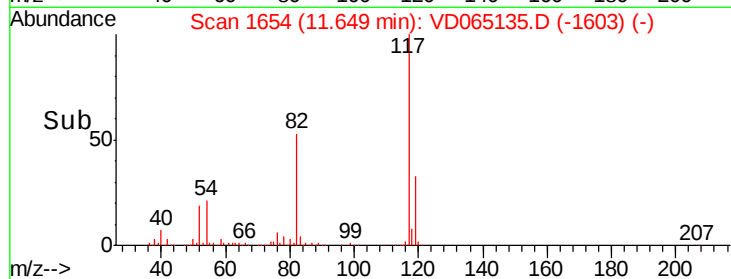
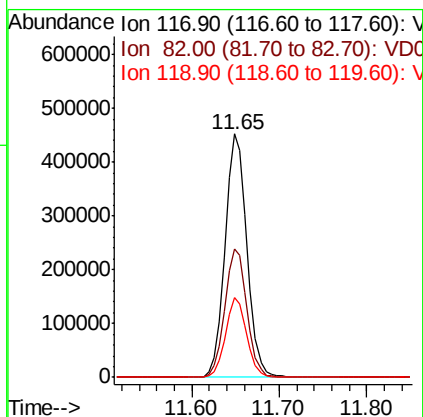
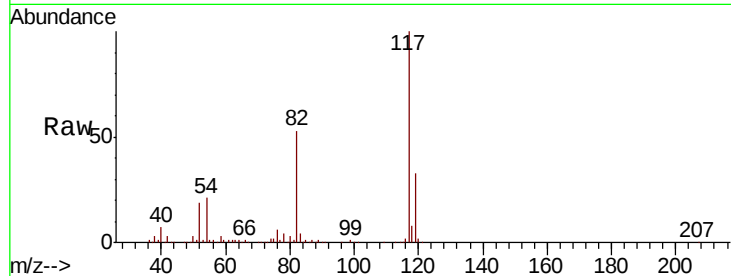




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

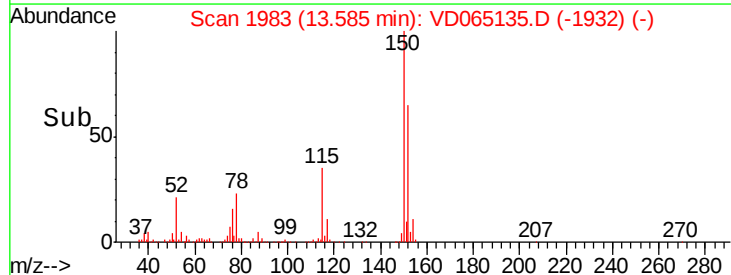
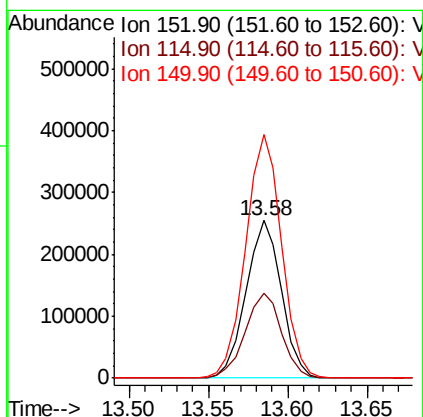
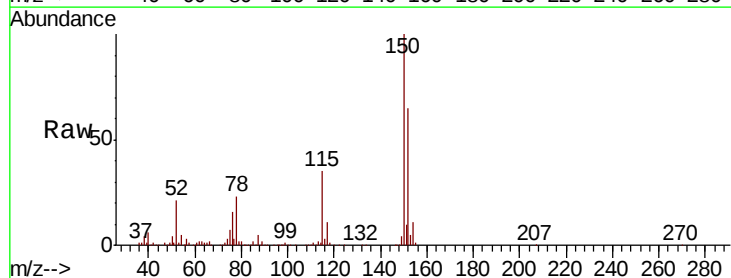
Instrument :
MSVOA_D
ClientSampleID :

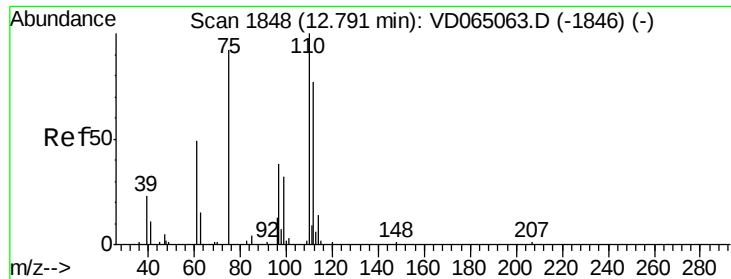
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.1	64.7
119	33.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.5	82.4
150	157.0	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 59.432 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

Instrument :

MSVOA_D

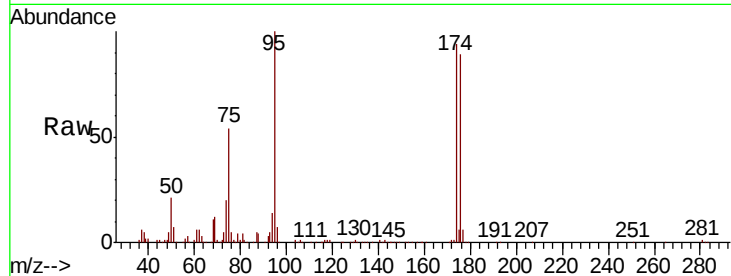
ClientSampleId :

Tot Ion: 75 Resp: 177547

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

120000

100000

80000

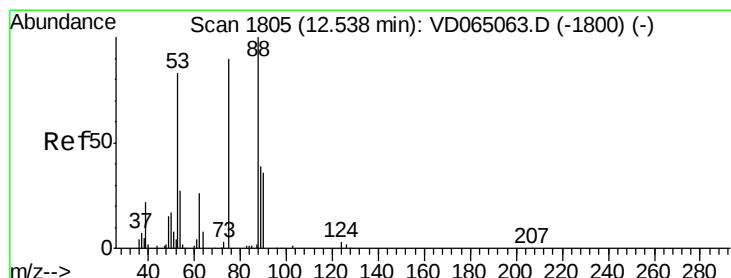
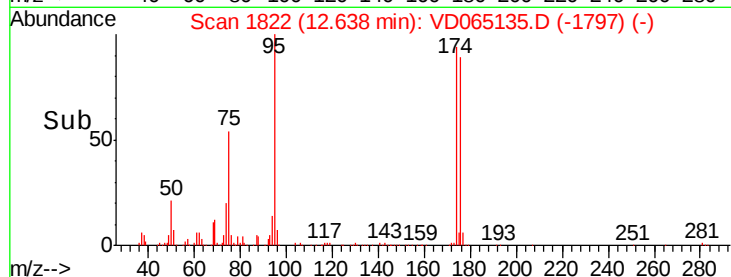
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 118.859 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

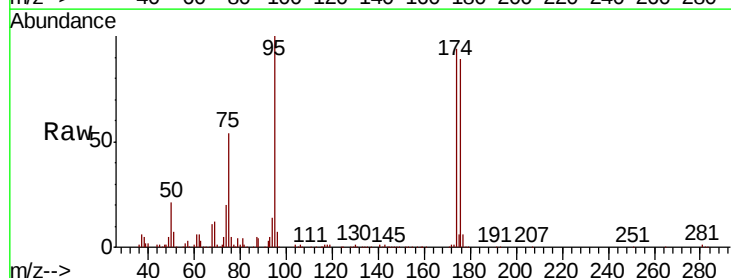
Tgt Ion: 75 Resp: 177547

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

150000

100000

50000

0

Time-->

