

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065278.D
 Acq On : 21 Feb 2020 16:31
 Operator : VA/SY
 Sample : L1635-06
 Misc : 6.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

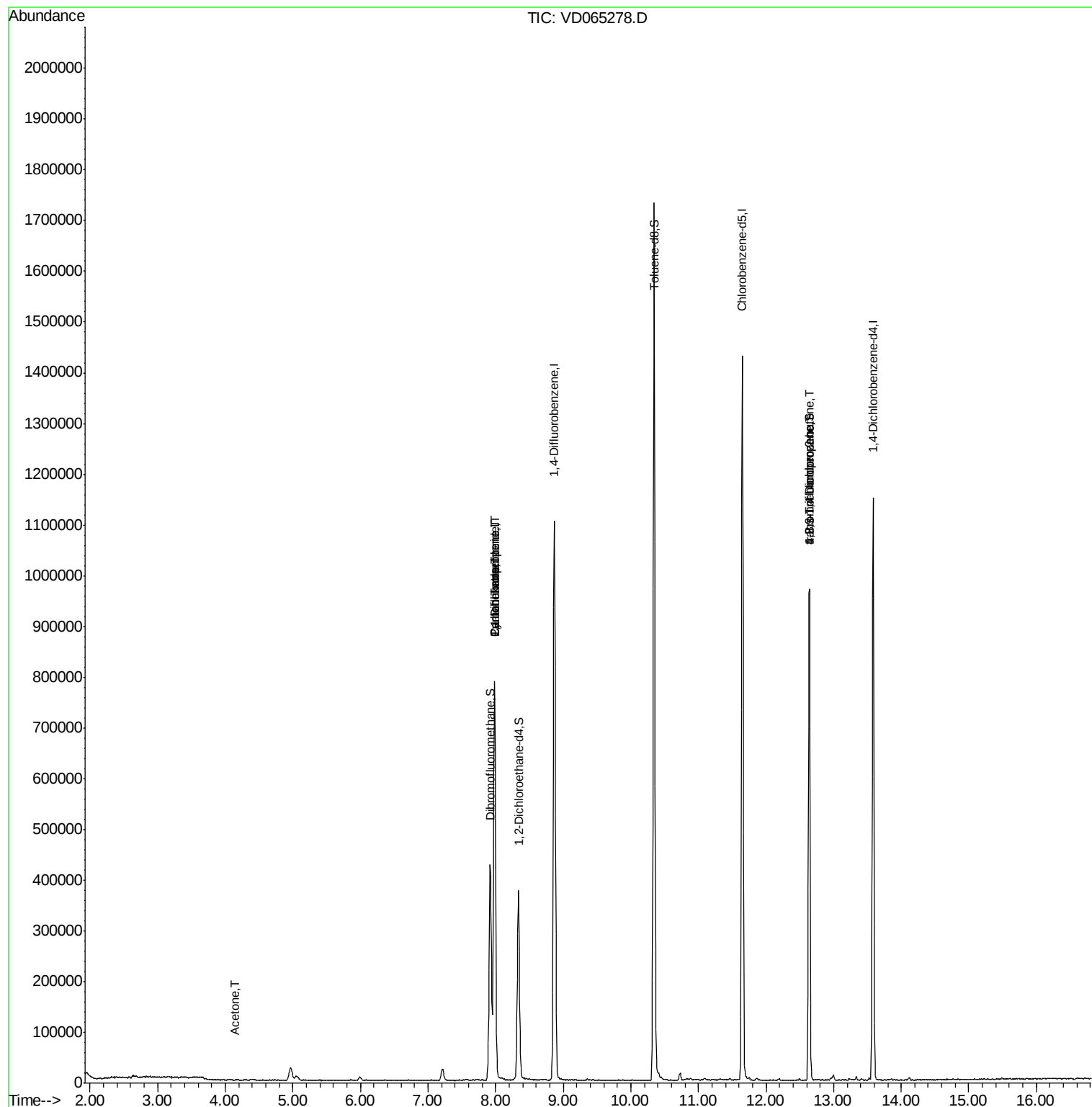
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	587368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	962326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	824753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	291717	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	7.92	113	305469	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	10.34	98	1154340	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	312658	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds						
					Qvalue	
13) Acrolein	3.67	56	63	Below Cal	#	14
16) Acetone	4.16	43	1471	1.139	ug/l #	42
20) Methylene Chloride	4.97	84	19752	Below Cal		89
31) Cyclohexane	7.99	56	13255	1.276	ug/l #	16
36) 1,1-Dichloropropene	7.98	75	42404	4.529	ug/l #	49
38) Carbon Tetrachloride	7.99	117	55960	5.871	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	153446	57.706	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153446	124.598	ug/l #	11

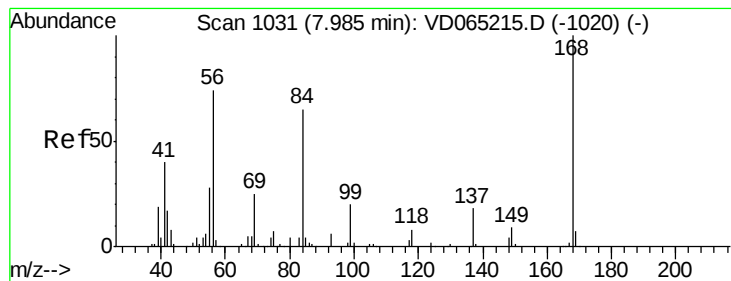
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
Data File : VD065278.D
Acq On : 21 Feb 2020 16:31
Operator : VA/SY
Sample : L1635-06
Misc : 6.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 22 02:25:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 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: VD065278.D

Acq: 21 Feb 2020 16:31

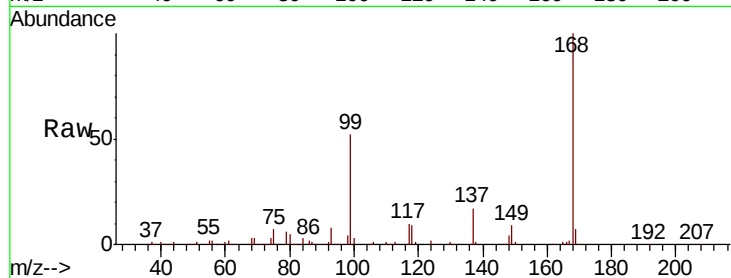
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 587368

Ion Ratio Lower Upper

168 100

99 51.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

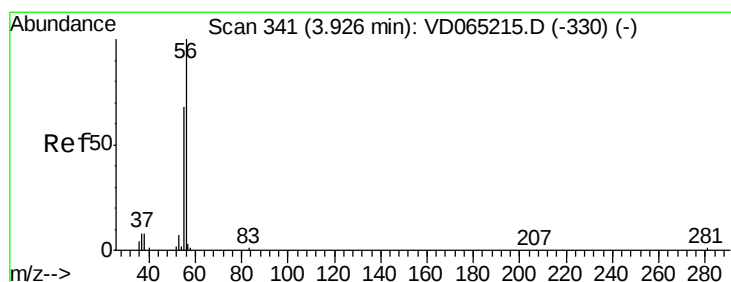
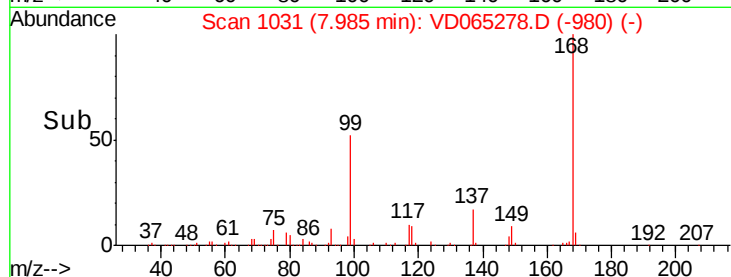
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.67 min Scan# 298

Delta R.T. -0.25 min

Lab File: VD065278.D

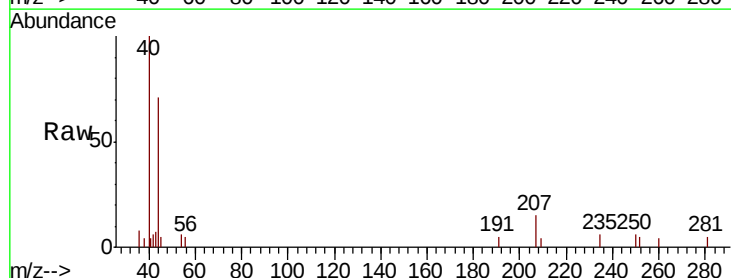
Acq: 21 Feb 2020 16:31

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.67

200

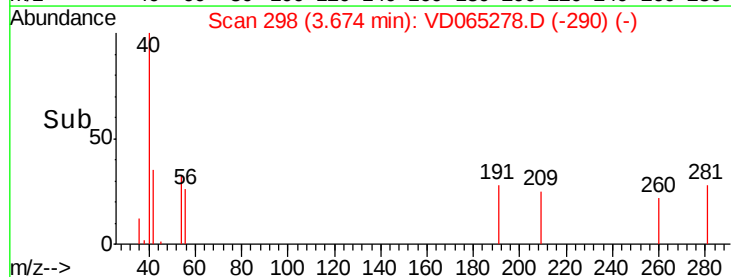
150

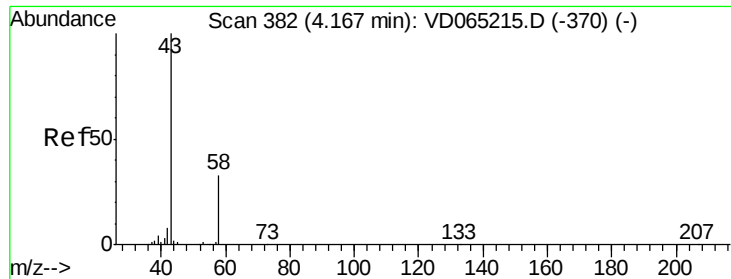
100

50

0

Time-->





#16

Acetone

Concen: 1.139 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

Instrument :

MSVOA_D

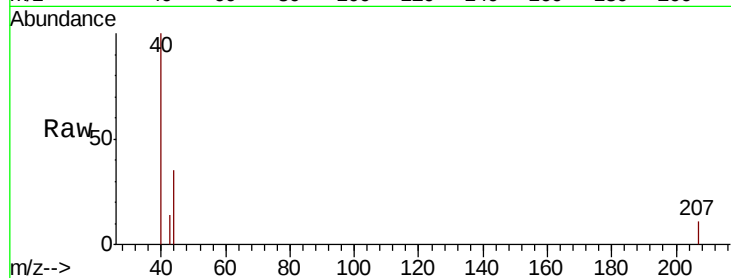
ClientSampleId :

Tot Ion: 43 Resp: 1471

Ion Ratio Lower Upper

43 100

58 0.0 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

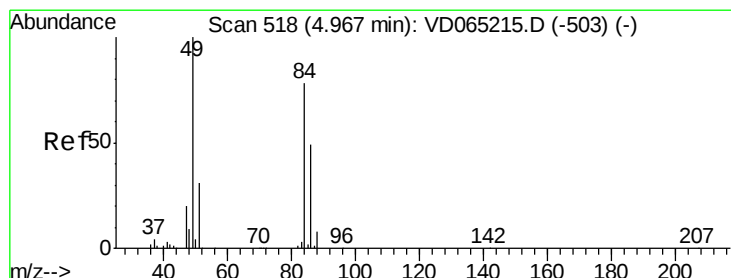
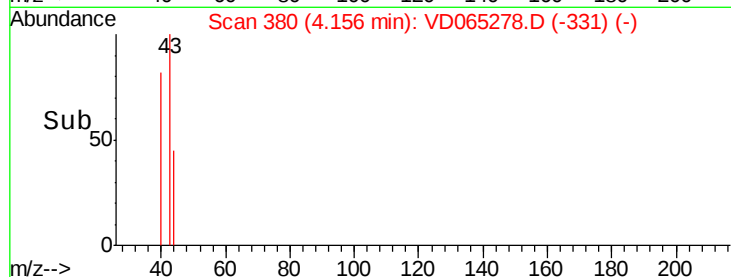
600

400

200

0

Time--> 4.10 4.15 4.20



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

Tgt Ion: 84 Resp: 19752

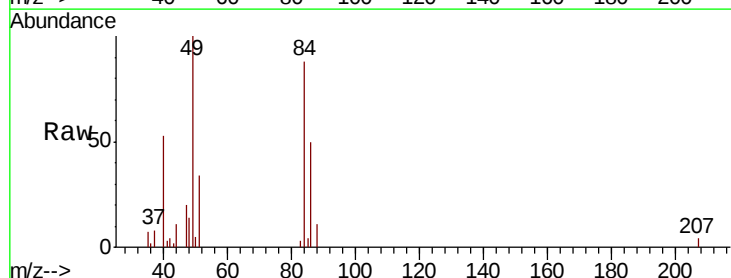
Ion Ratio Lower Upper

84 100

49 113.1 103.1 154.7

51 38.6 31.7 47.5

86 56.0 50.9 76.3



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

10000

8000

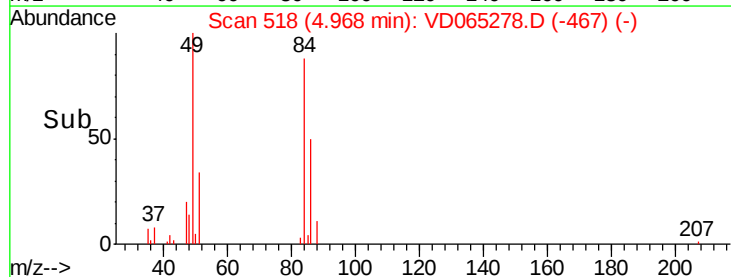
6000

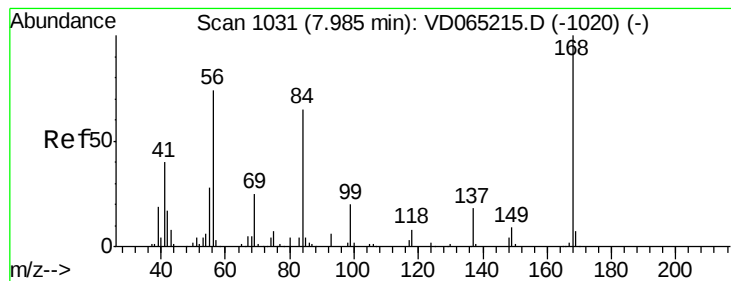
4000

2000

0

Time--> 4.90 5.00 5.10





#31

Cyclohexane

Concen: 1.276 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

Instrument :
MSVOA_D
ClientSampleId :

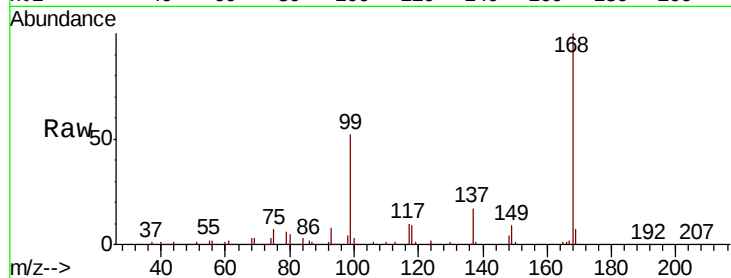
Tot Ion: 56 Resp: 13255

Ion Ratio Lower Upper

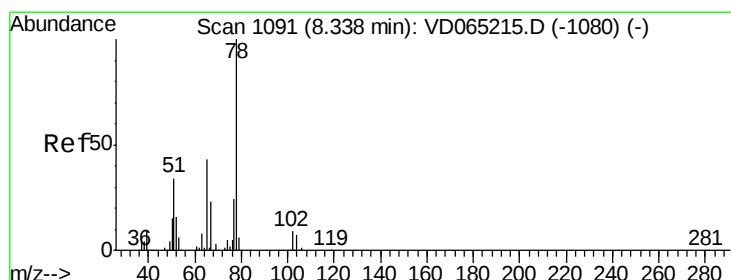
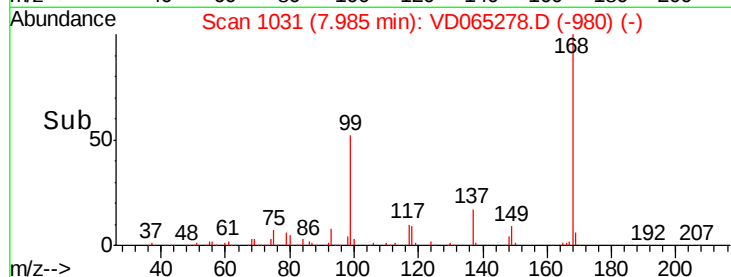
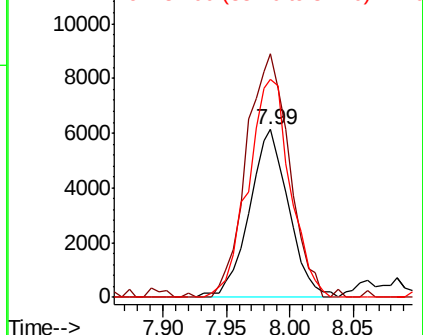
56 100

69 142.1 27.4 41.0#

84 129.7 71.1 106.7#



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: 55.207 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065278.D

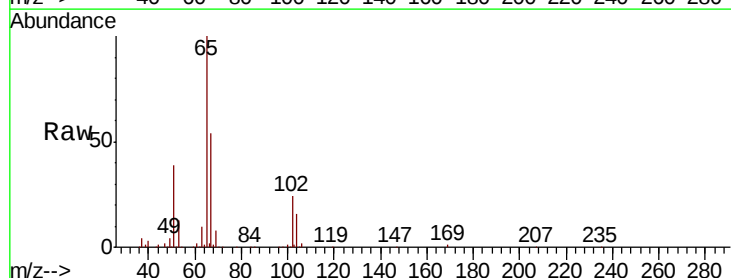
Acq: 21 Feb 2020 16:31

Tgt Ion: 65 Resp: 291717

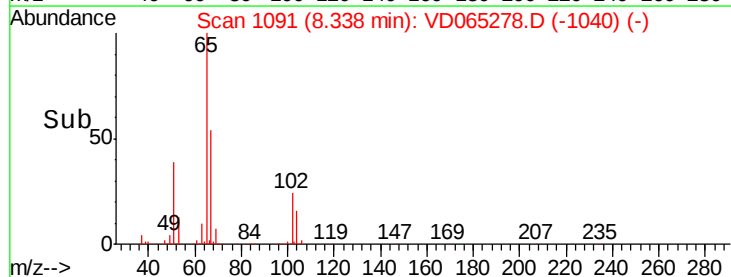
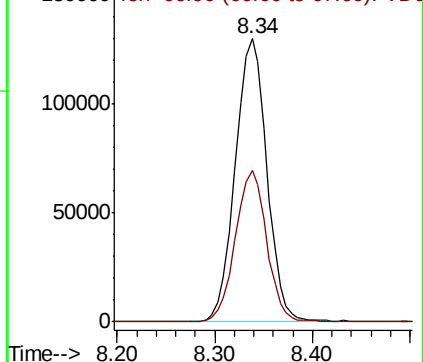
Ion Ratio Lower Upper

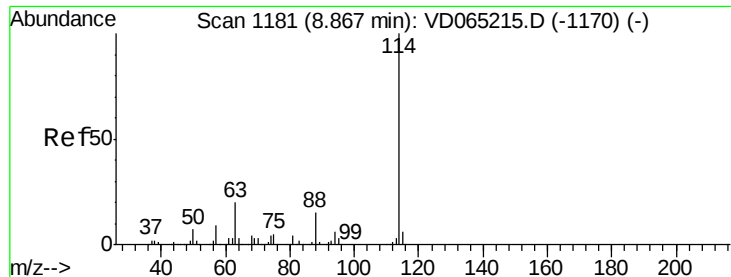
65 100

67 53.1 0.0 106.8



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

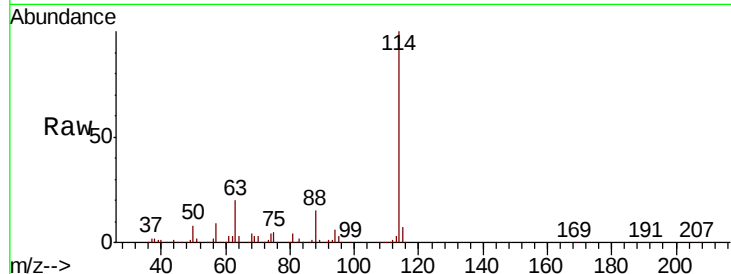




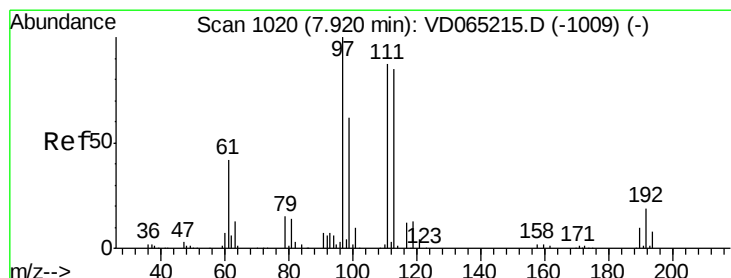
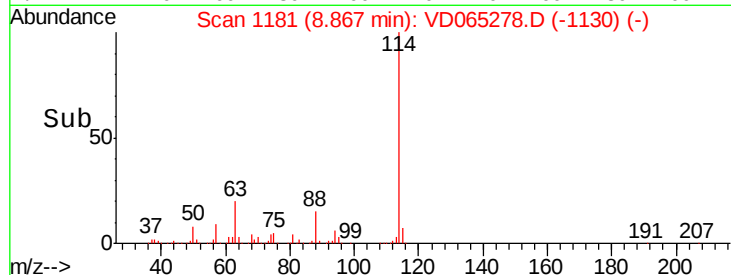
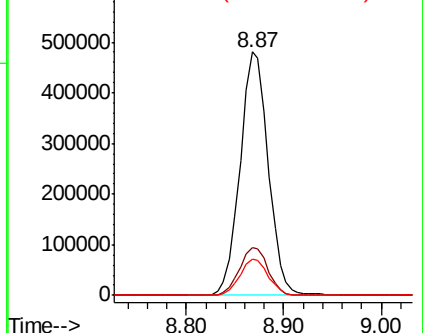
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065278.D
 Acq: 21 Feb 2020 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 962326
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.1 0.0 30.4

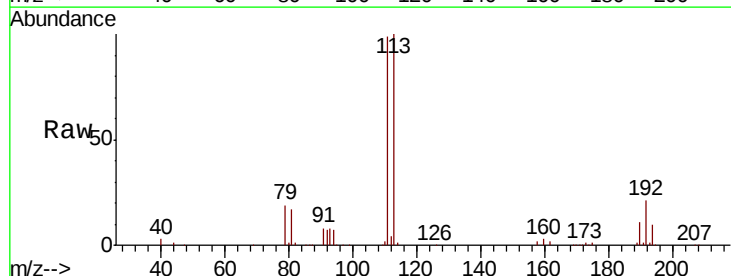


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

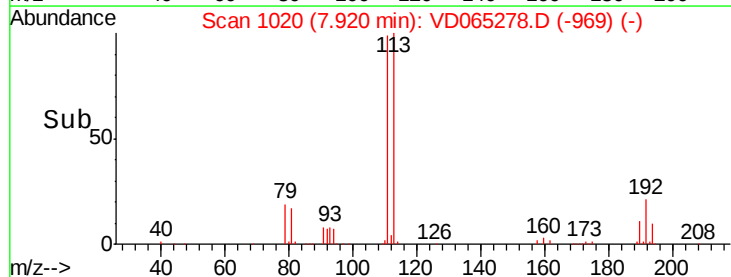
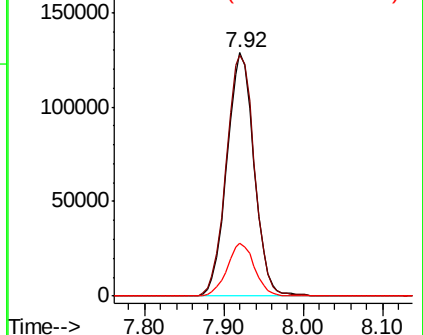


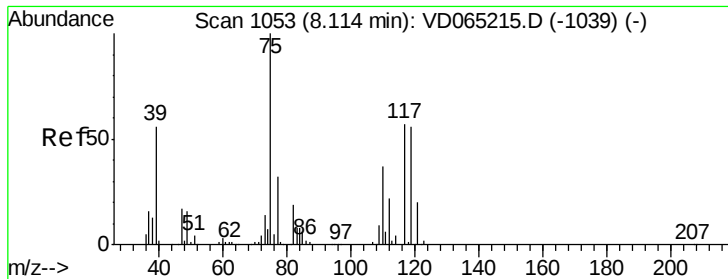
#35
 Dibromofluoromethane
 Concen: 52.059 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065278.D
 Acq: 21 Feb 2020 16:31

Tgt Ion:113 Resp: 305469
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 21.8 17.3 25.9



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: 4.529 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

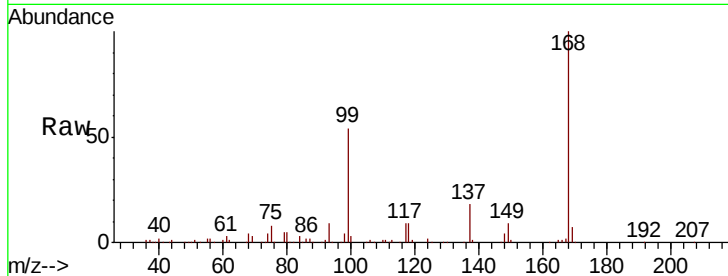
Tot Ion: 75 Resp: 42404

Ion Ratio Lower Upper

75 100

110 8.8 17.9 53.7#

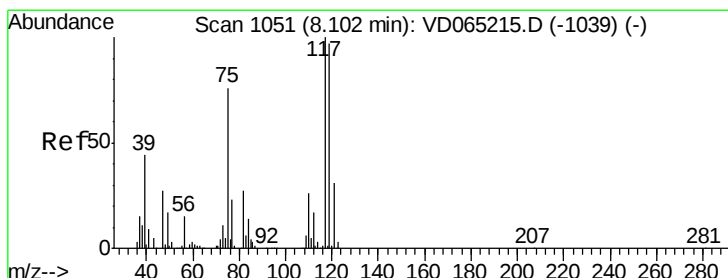
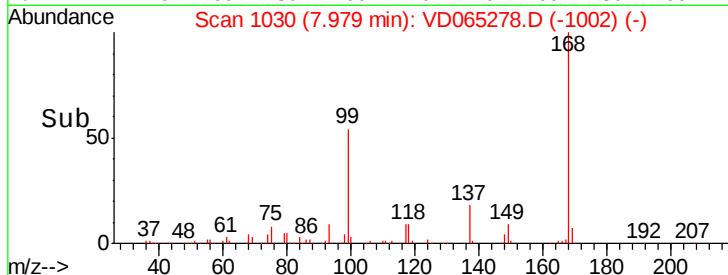
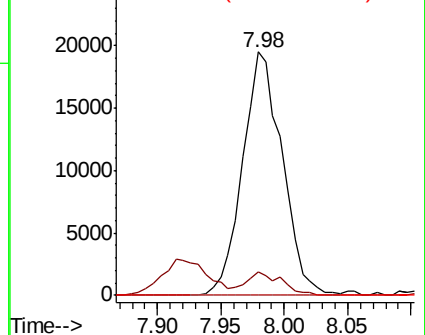
77 0.0 25.1 37.7#



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: 5.871 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

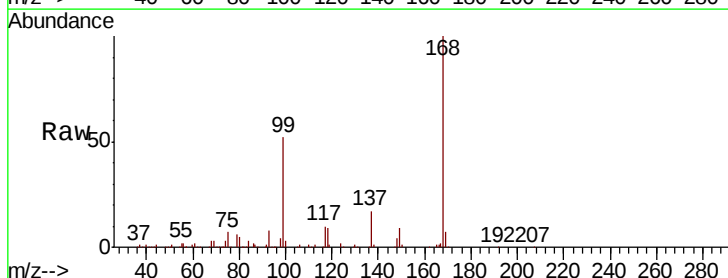
Tgt Ion: 117 Resp: 55960

Ion Ratio Lower Upper

117 100

119 6.0 77.6 116.4#

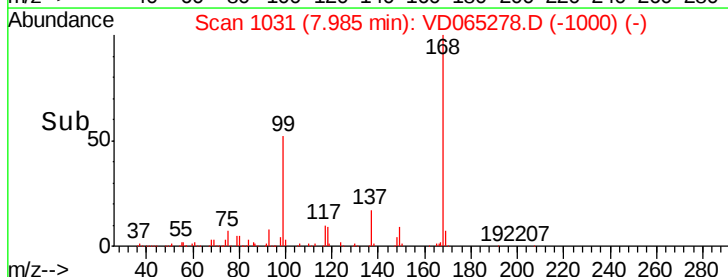
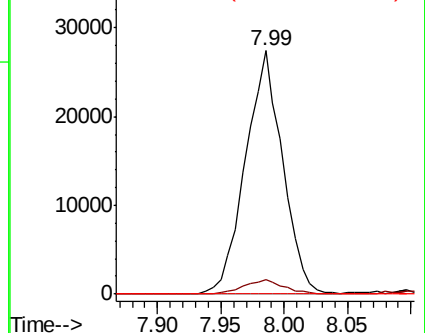
121 0.0 24.8 37.2#



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

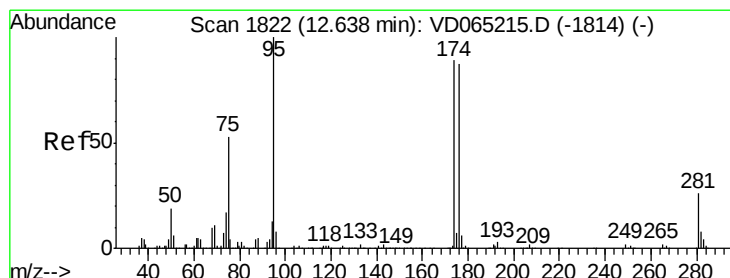
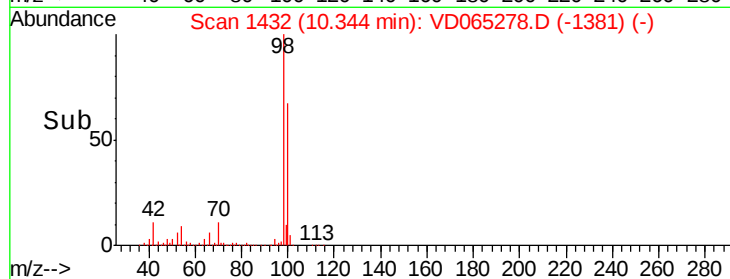
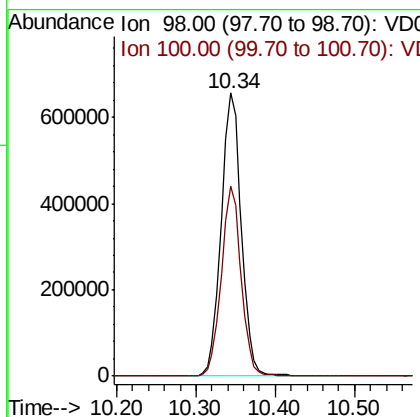
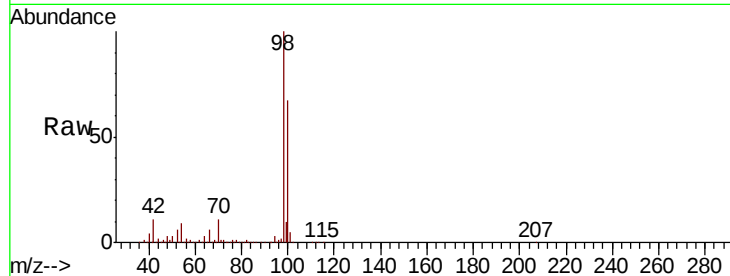




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

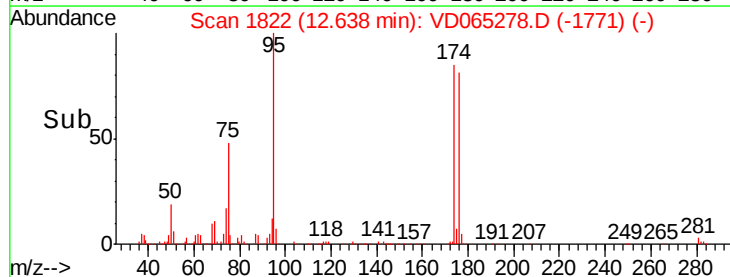
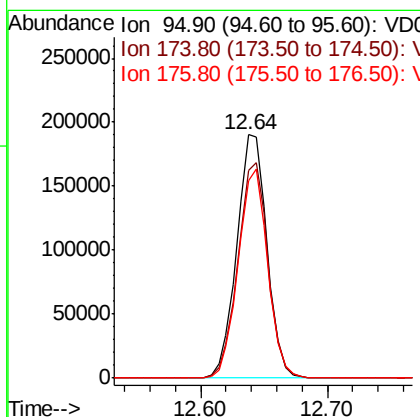
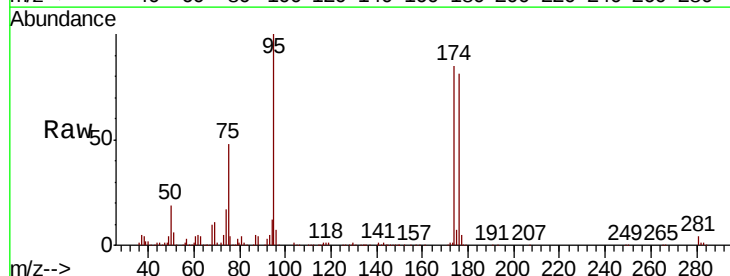
Instrument :
MSVOA_D
ClientSampleId :

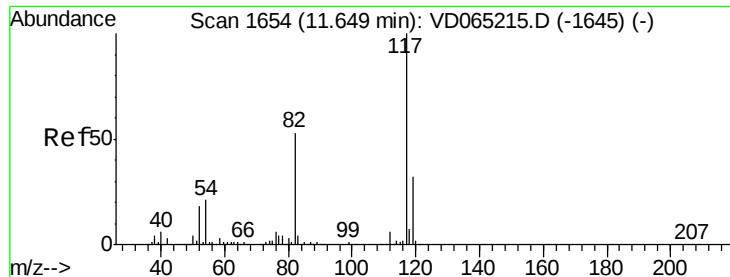
Tot Ion: 98 Resp: 1154340
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.998 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

Tgt Ion: 95 Resp: 312658
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.0
176 84.1 0.0 174.4

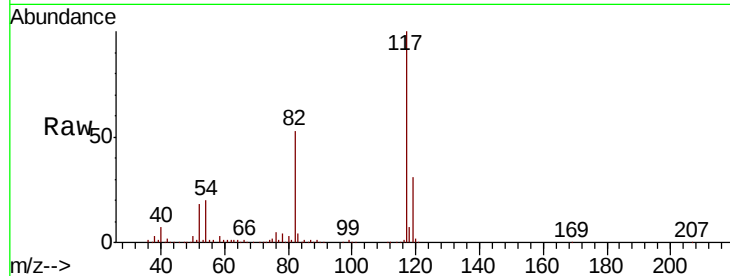




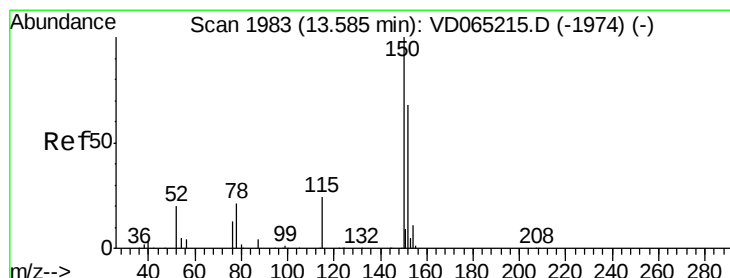
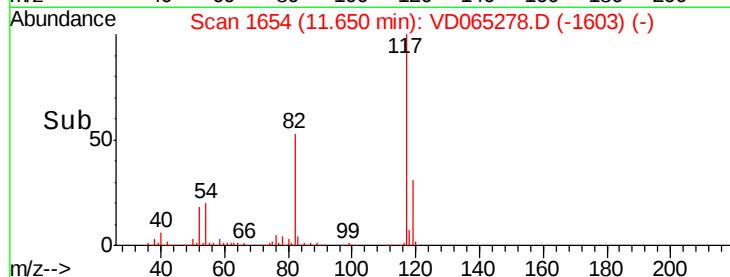
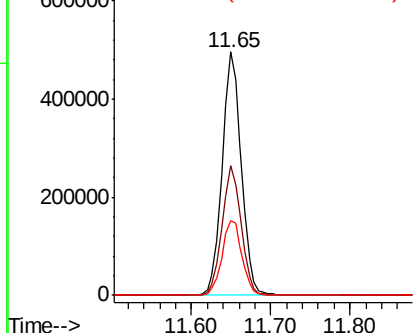
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 824753
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 30.7 25.5 38.3

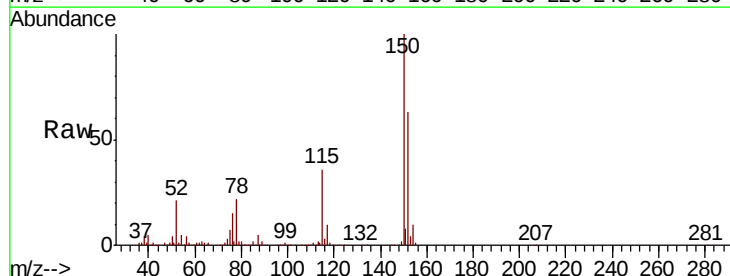


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

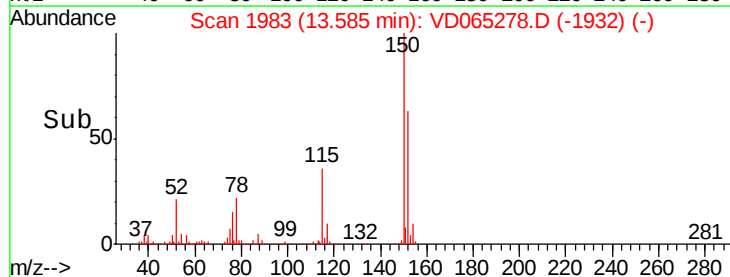
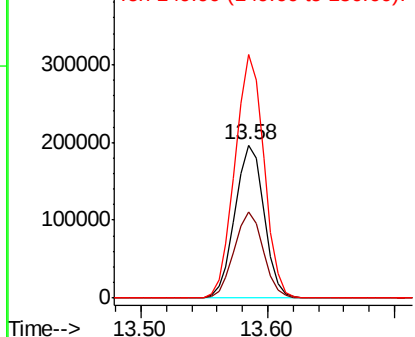


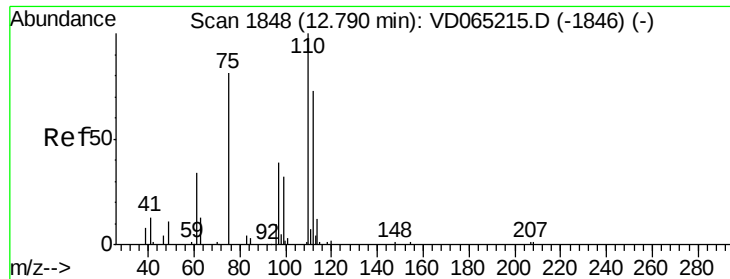
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

Tgt Ion:152 Resp: 312528
Ion Ratio Lower Upper
152 100
115 56.4 27.6 82.8
150 158.5 0.0 347.4



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

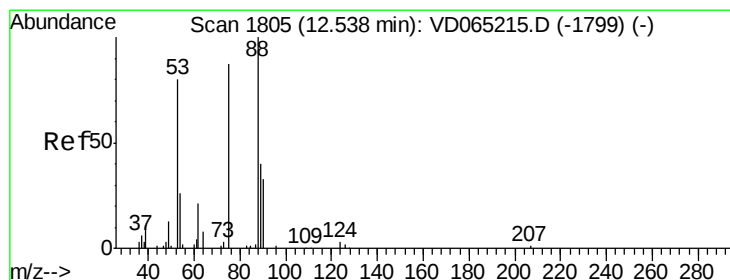
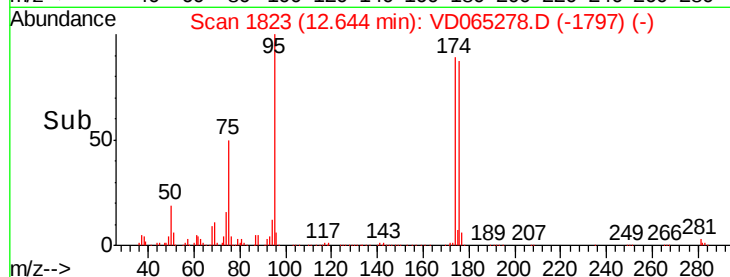
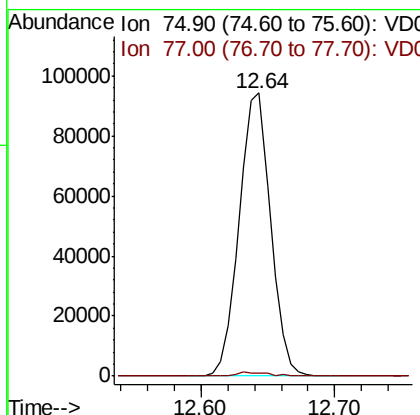
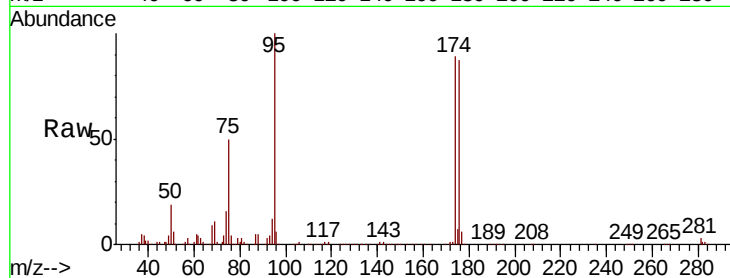




#76
 1,2,3-Trichloropropane
 Concen: 57.706 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.15 min
 Lab File: VD065278.D
 Acq: 21 Feb 2020 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 153446
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.598 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065278.D
 Acq: 21 Feb 2020 16:31

Tgt Ion: 75 Resp: 153446
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.2 55.8#

