

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065229.D
 Acq On : 18 Feb 2020 20:08
 Operator : VA/SY
 Sample : L1575-06
 Misc : 9.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A-D2

Quant Time: Feb 19 03:33:08 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

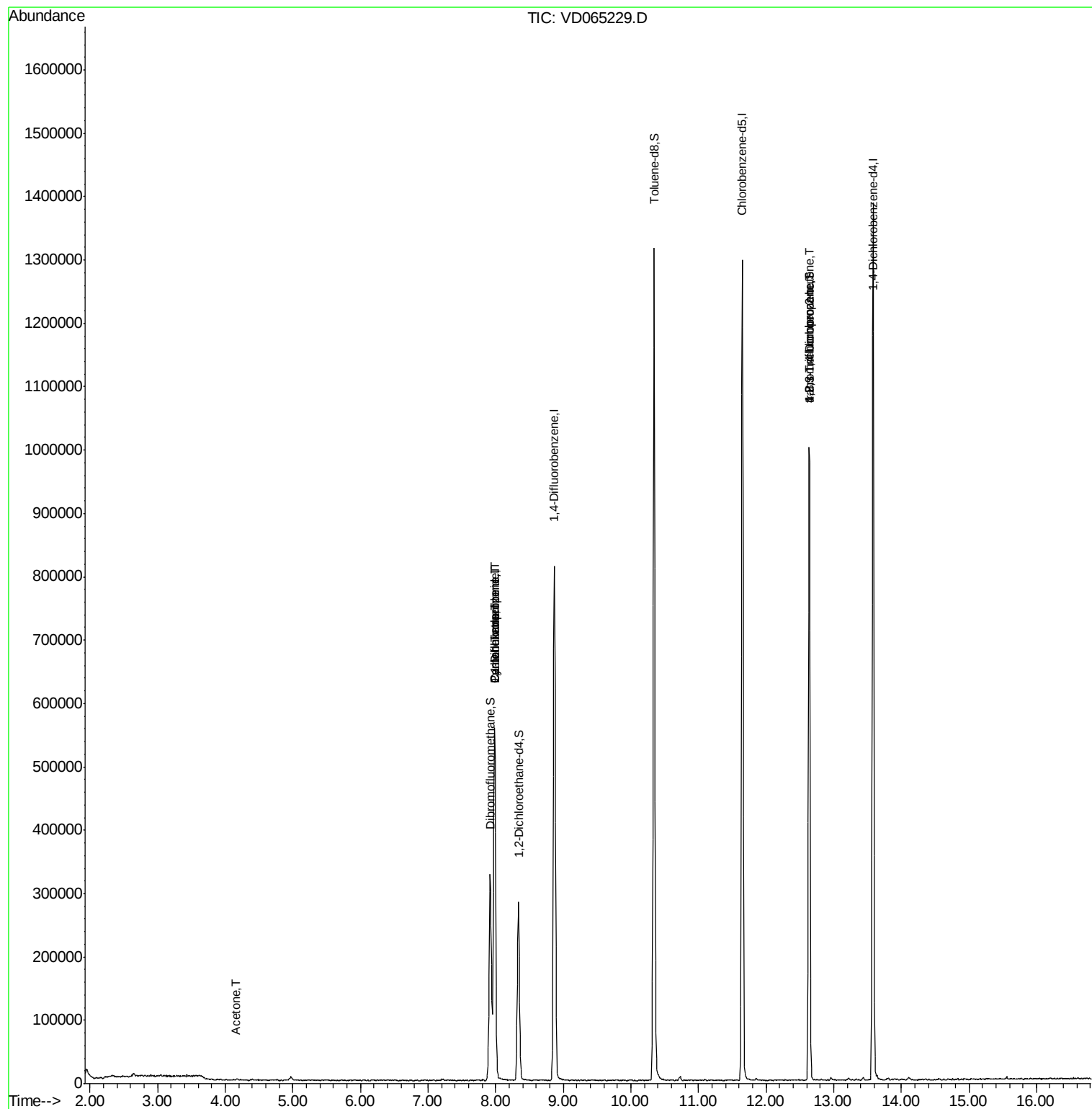
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	436213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	717952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	751411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	375102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223201	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	7.92	113	232440	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	10.34	98	882111	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.64	95	318863	60.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2771	2.889	ug/l #	85
20) Methylene Chloride	4.97	84	3758	Below Cal	#	65
31) Cyclohexane	7.98	56	9081	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	32956	4.718	ug/l #	48
38) Carbon Tetrachloride	7.99	117	41287	5.806	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	161347	50.556	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	161347	109.158	ug/l #	11

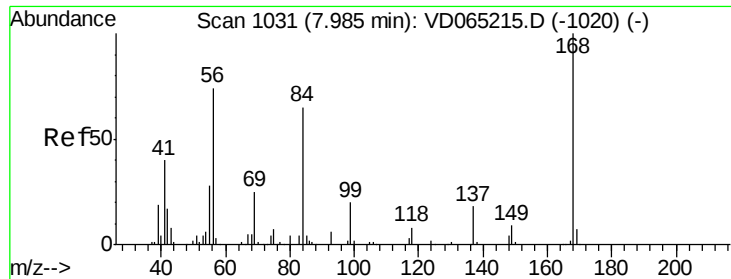
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
Data File : VD065229.D
Acq On : 18 Feb 2020 20:08
Operator : VA/SY
Sample : L1575-06
Misc : 9.70G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-A-D2

Quant Time: Feb 19 03:33:08 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

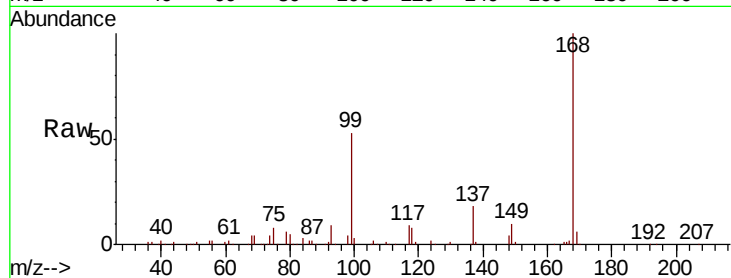
TP-A-D2

Tot Ion:168 Resp: 436213

Ion Ratio Lower Upper

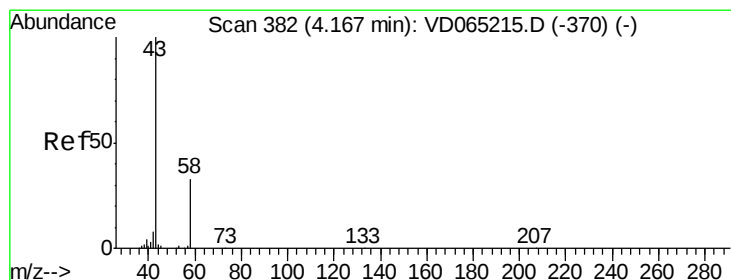
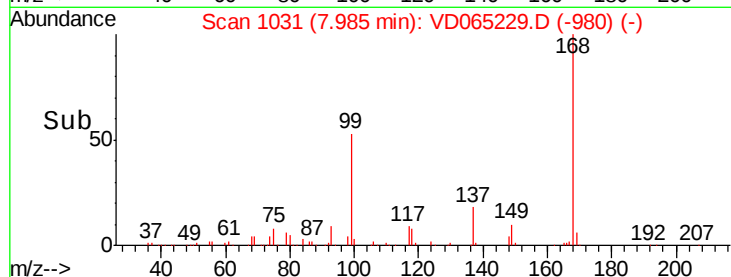
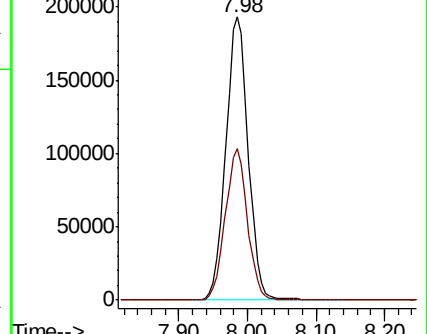
168 100

99 53.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.889 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065229.D

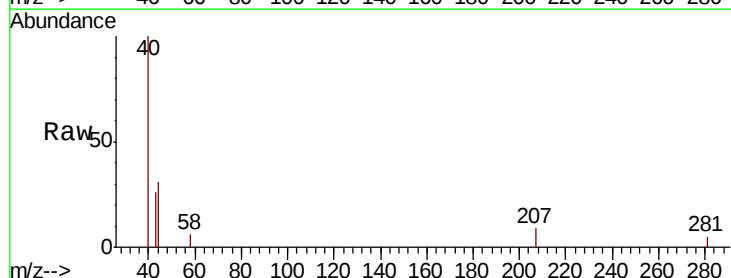
Acq: 18 Feb 2020 20:08

Tgt Ion: 43 Resp: 2771

Ion Ratio Lower Upper

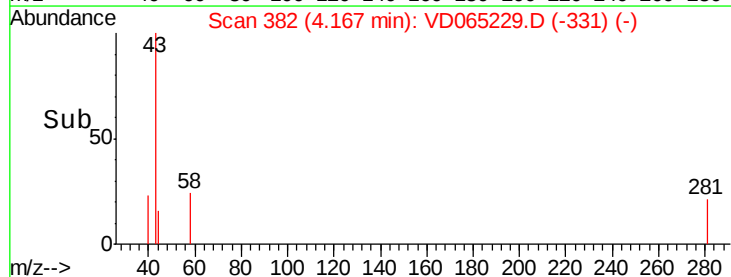
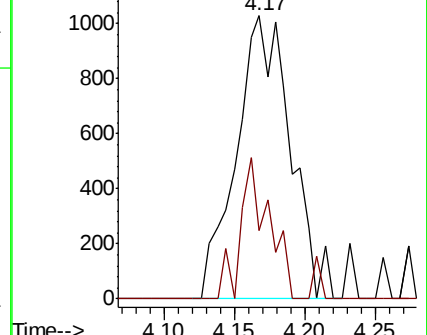
43 100

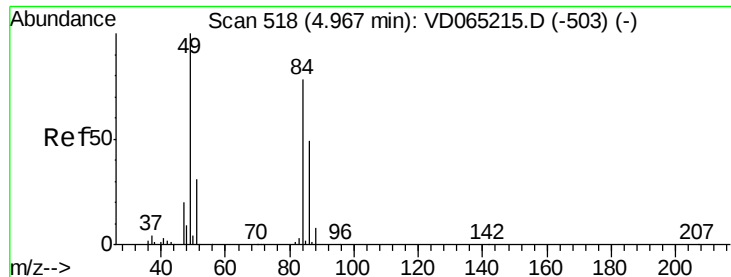
58 24.1 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

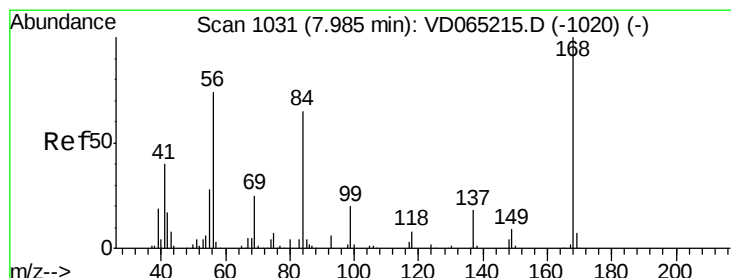
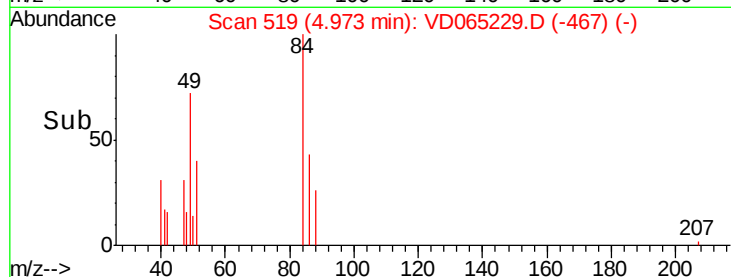
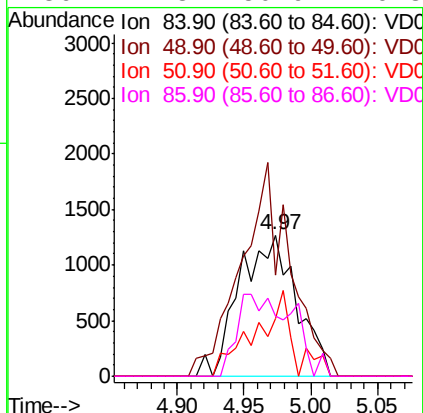
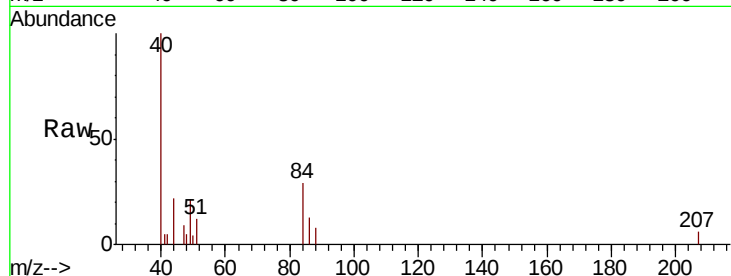




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

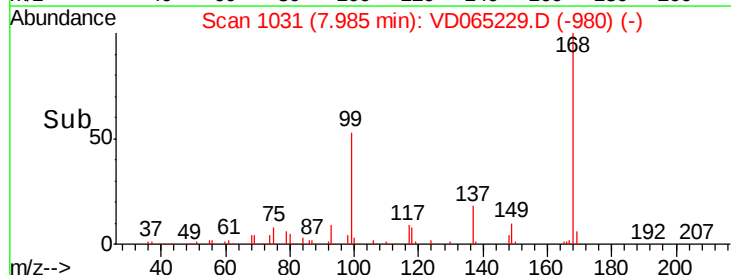
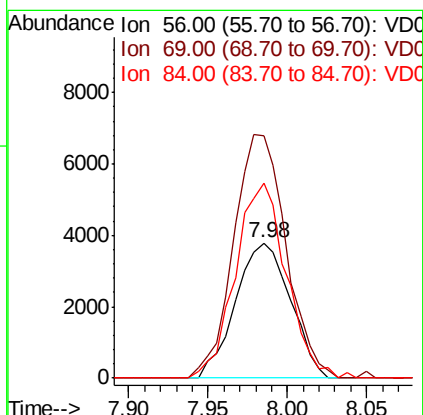
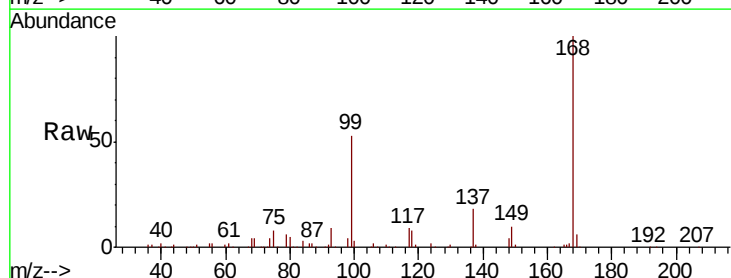
Instrument :
MSVOA_D
ClientSampled :
TP-A-D2

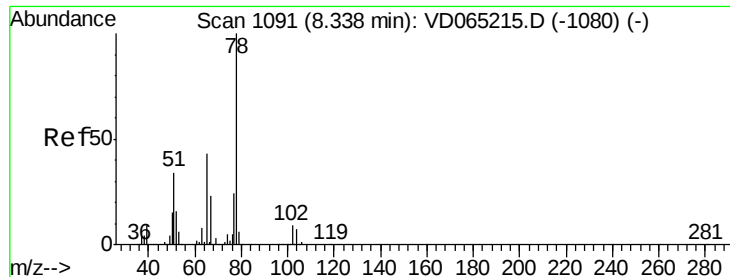
Tot Ion: 84 Resp: 3758
Ion Ratio Lower Upper
84 100
49 71.5 103.1 154.7#
51 40.5 31.7 47.5
86 42.8 50.9 76.3#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

Tgt Ion: 56 Resp: 9081
Ion Ratio Lower Upper
56 100
69 179.0 27.4 41.0#
84 144.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 56.878 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

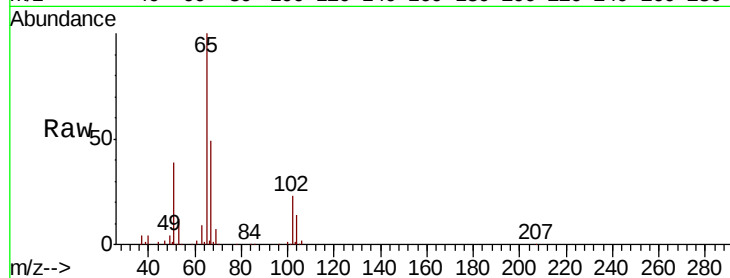
TP-A-D2

Tot Ion: 65 Resp: 223201

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

60000

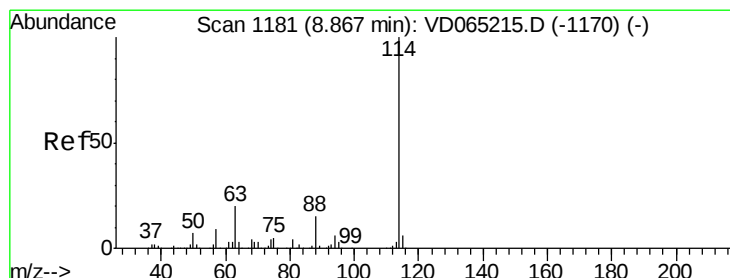
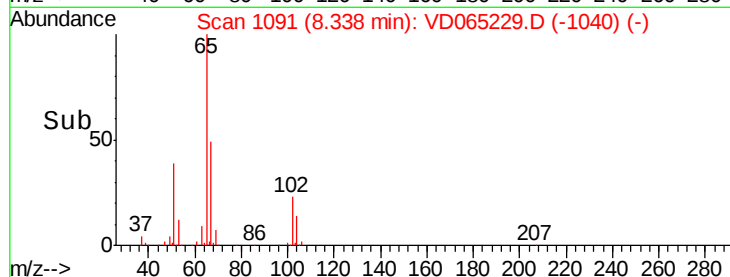
40000

20000

0

Time-->

8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

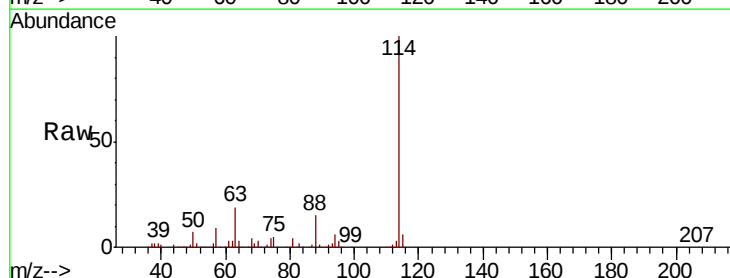
Tgt Ion: 114 Resp: 717952

Ion Ratio Lower Upper

114 100

63 18.6 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): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

300000

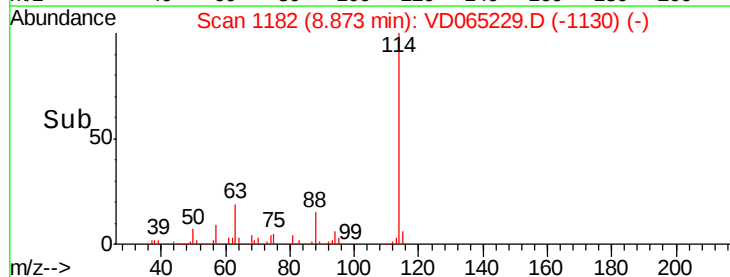
200000

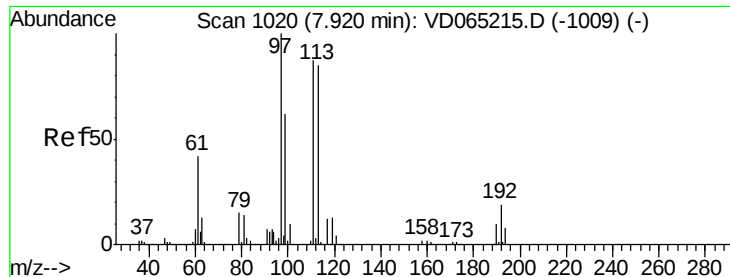
100000

0

Time-->

8.80 8.90 9.00

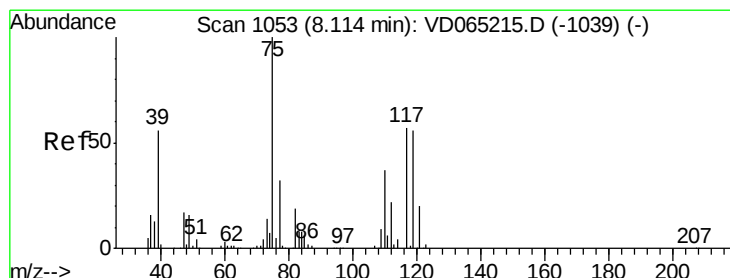
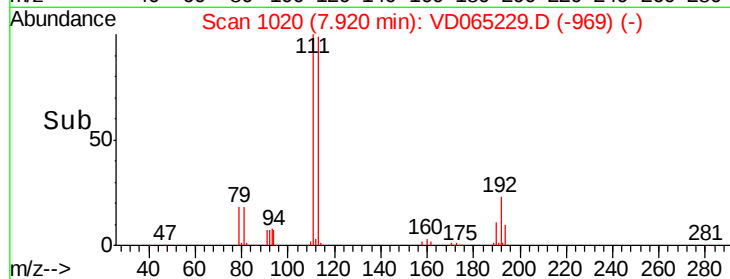
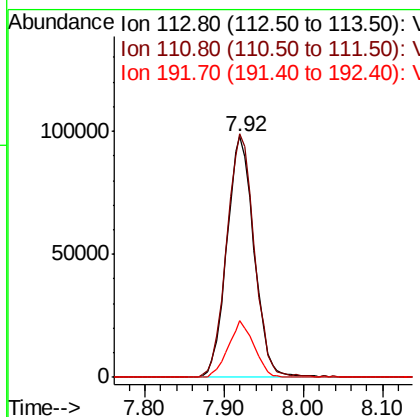
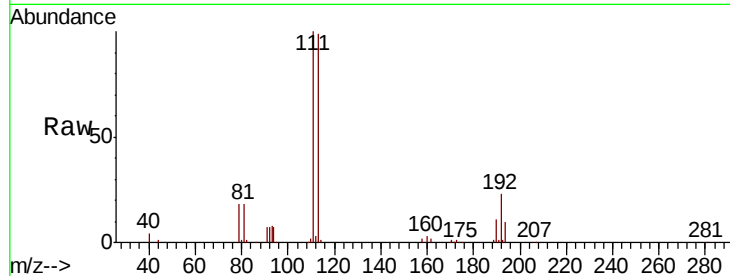




#35
 Dibromofluoromethane
 Concen: 53.097 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065229.D
 Acq: 18 Feb 2020 20:08

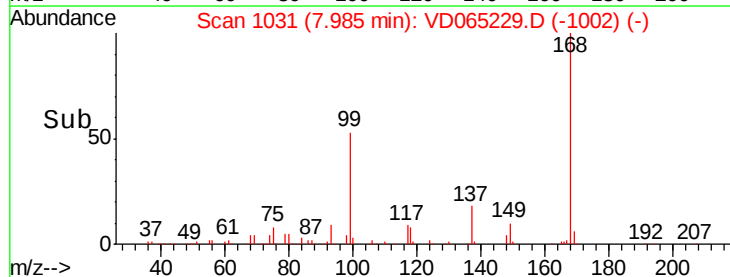
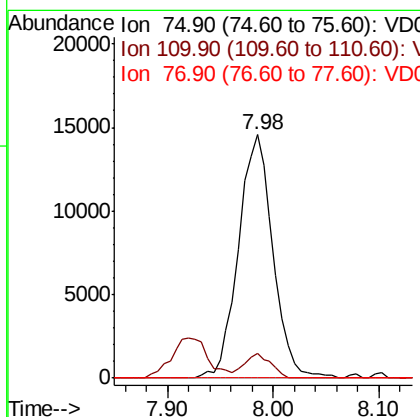
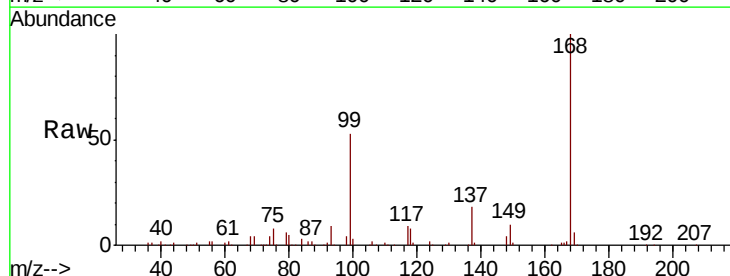
Instrument :
 MSVOA_D
 ClientSampled :
 TP-A-D2

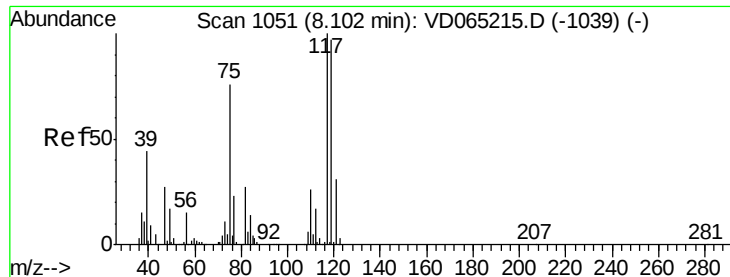
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	22.1	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.718 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065229.D
 Acq: 18 Feb 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.9	53.7#
77	0.0	25.1	37.7#

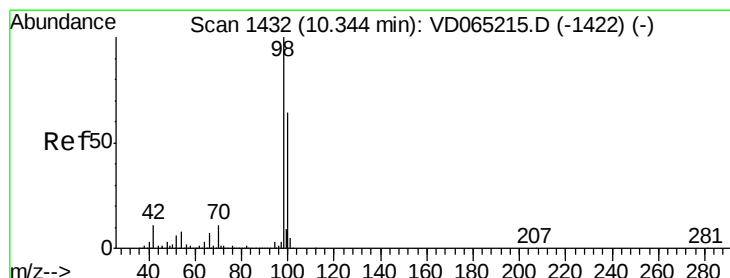
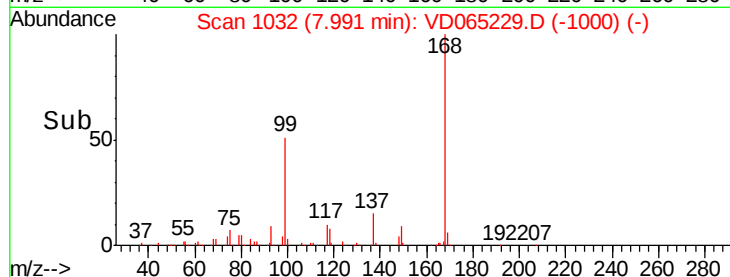
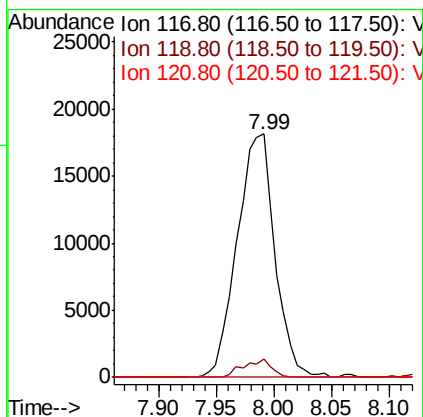
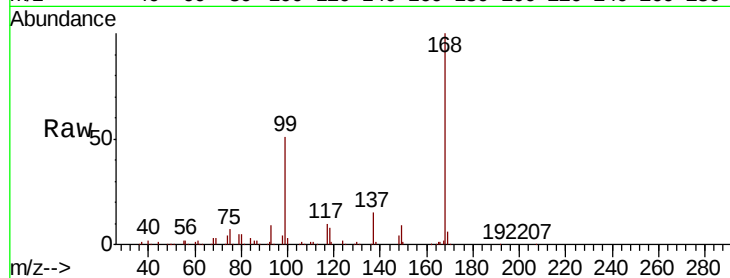




#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

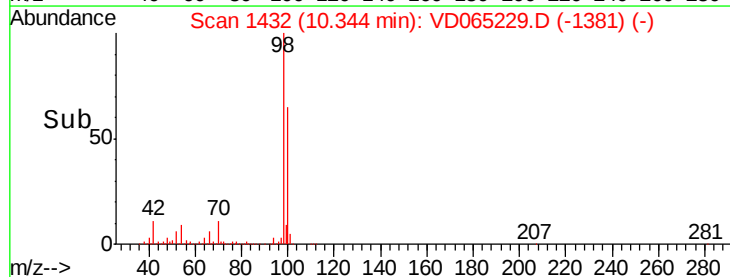
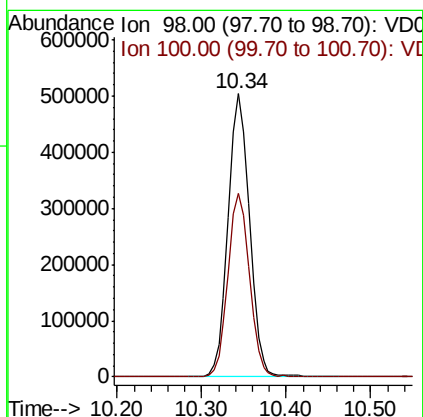
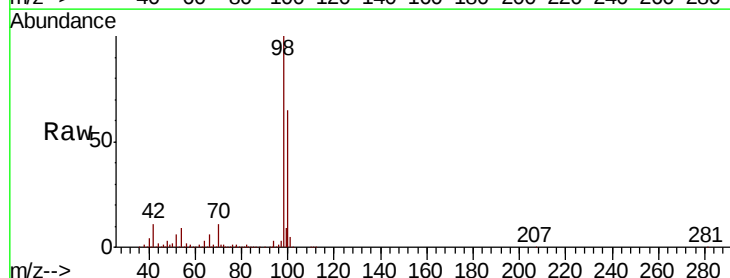
Instrument :
MSVOA_D
ClientSampleId :
TP-A-D2

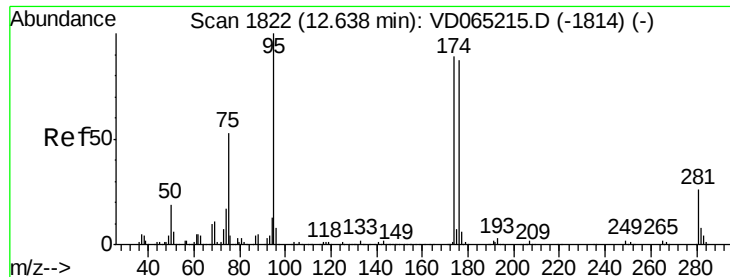
Tot Ion:117 Resp: 41287
Ion Ratio Lower Upper
117 100
119 7.7 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.709 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

Tgt Ion: 98 Resp: 882111
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

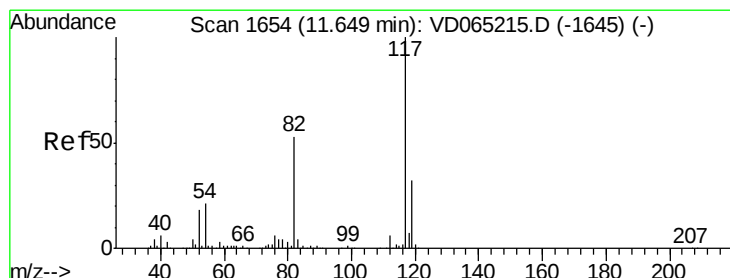
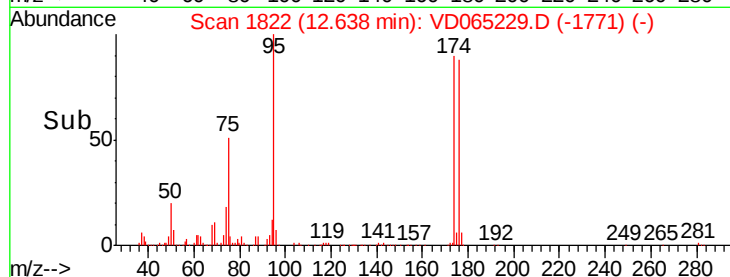
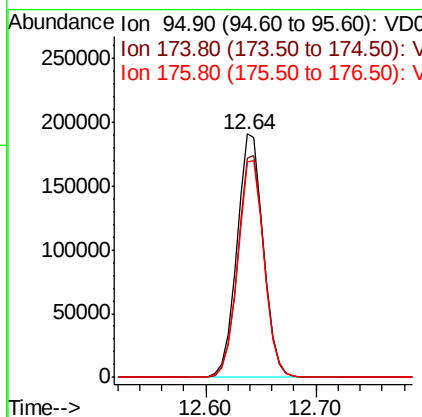
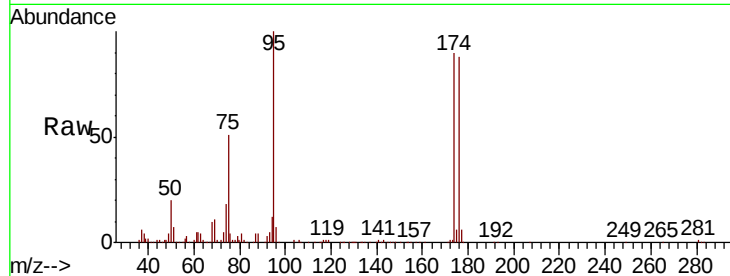




#62
4-Bromofluorobenzene
Concen: 60.144 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

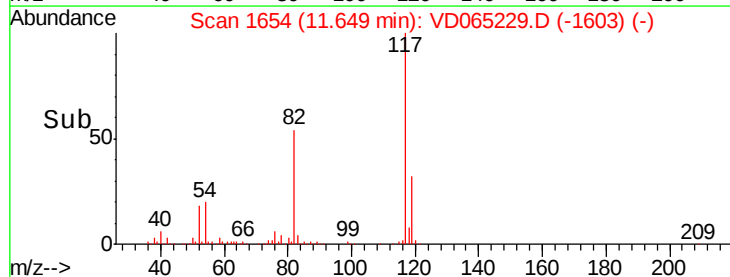
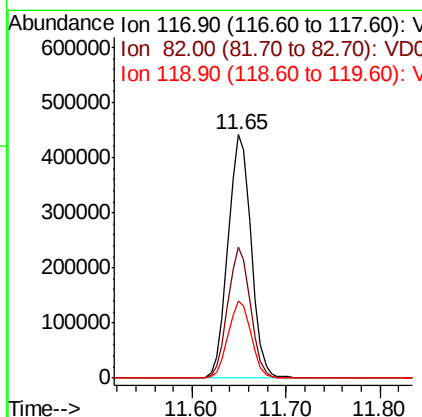
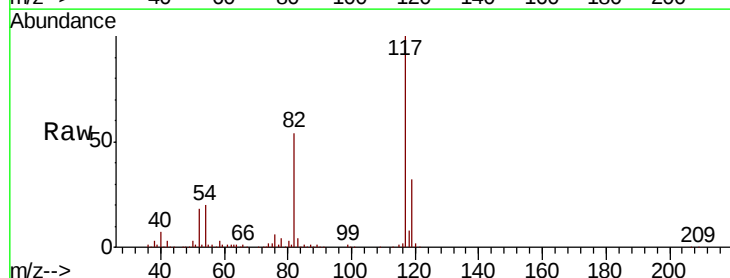
Instrument :
MSVOA_D
ClientSampled :
TP-A-D2

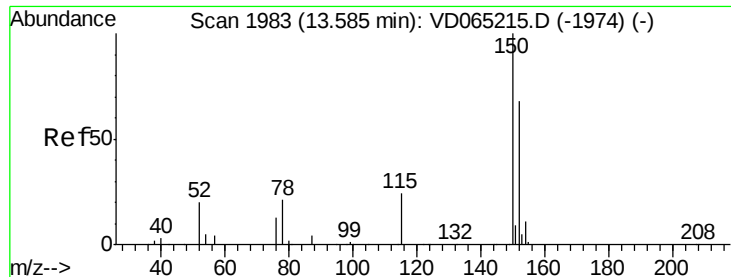
Tot Ion: 95 Resp: 318863
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.0
176 88.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065229.D
Acq: 18 Feb 2020 20:08

Tgt Ion: 117 Resp: 751411
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

TP-A-D2

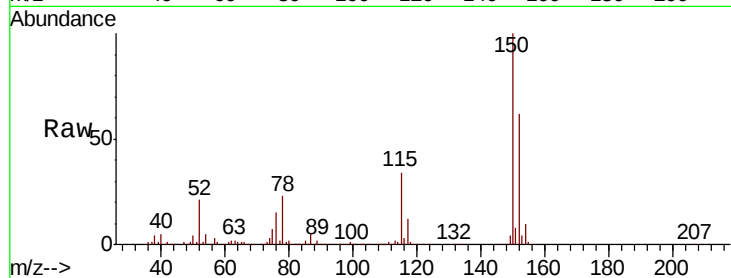
Tot Ion:152 Resp: 375102

Ion Ratio Lower Upper

152 100

115 54.5 27.6 82.8

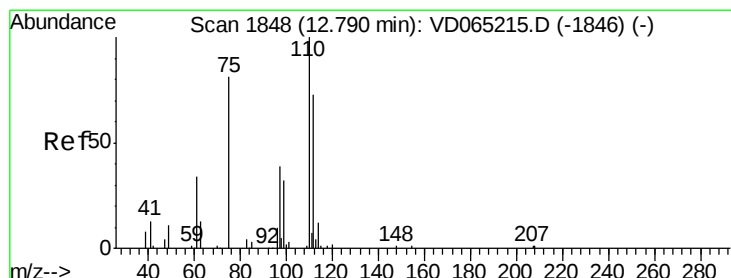
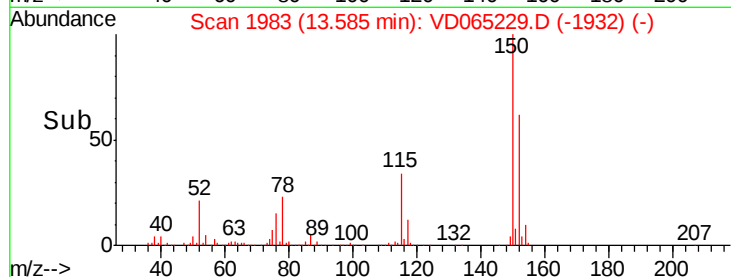
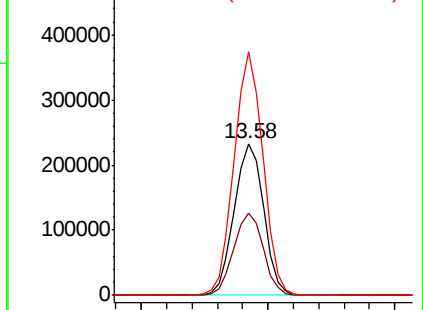
150 156.9 0.0 347.4



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: 50.556 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065229.D

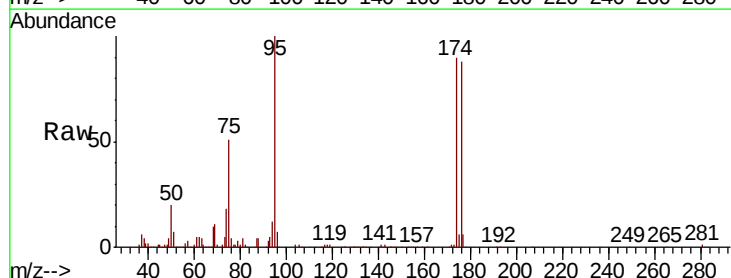
Acq: 18 Feb 2020 20:08

Tgt Ion: 75 Resp: 161347

Ion Ratio Lower Upper

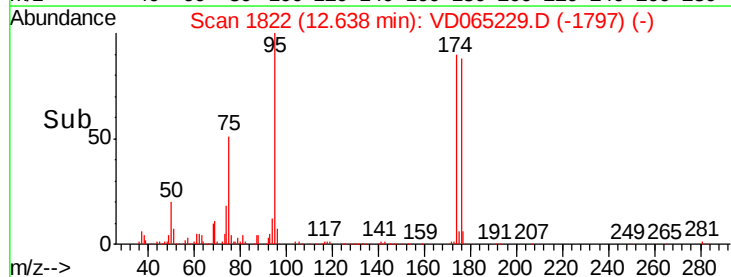
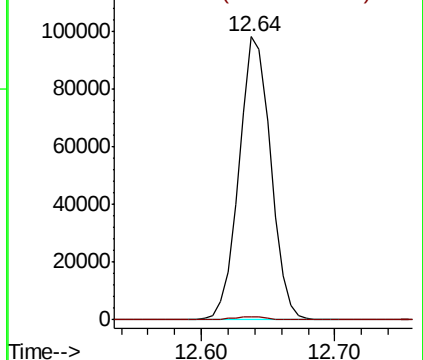
75 100

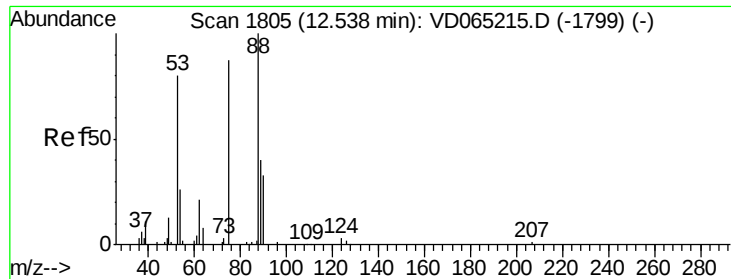
77 1.3 0.0 0.0#



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: 109.158 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065229.D

Acq: 18 Feb 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

TP-A-D2

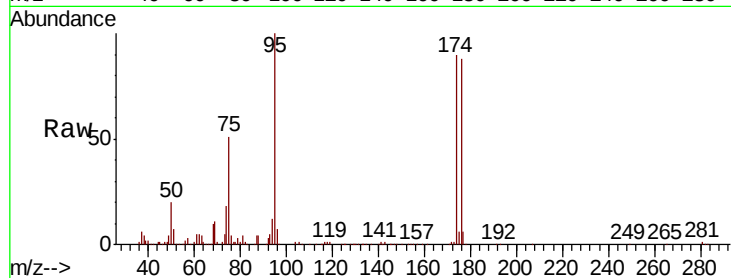
Tot Ion: 75 Resp: 161347

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.2 55.8#



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

