

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065328.D
 Acq On : 26 Feb 2020 15:18
 Operator : VA/SY
 Sample : L1688-04
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:02:37 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

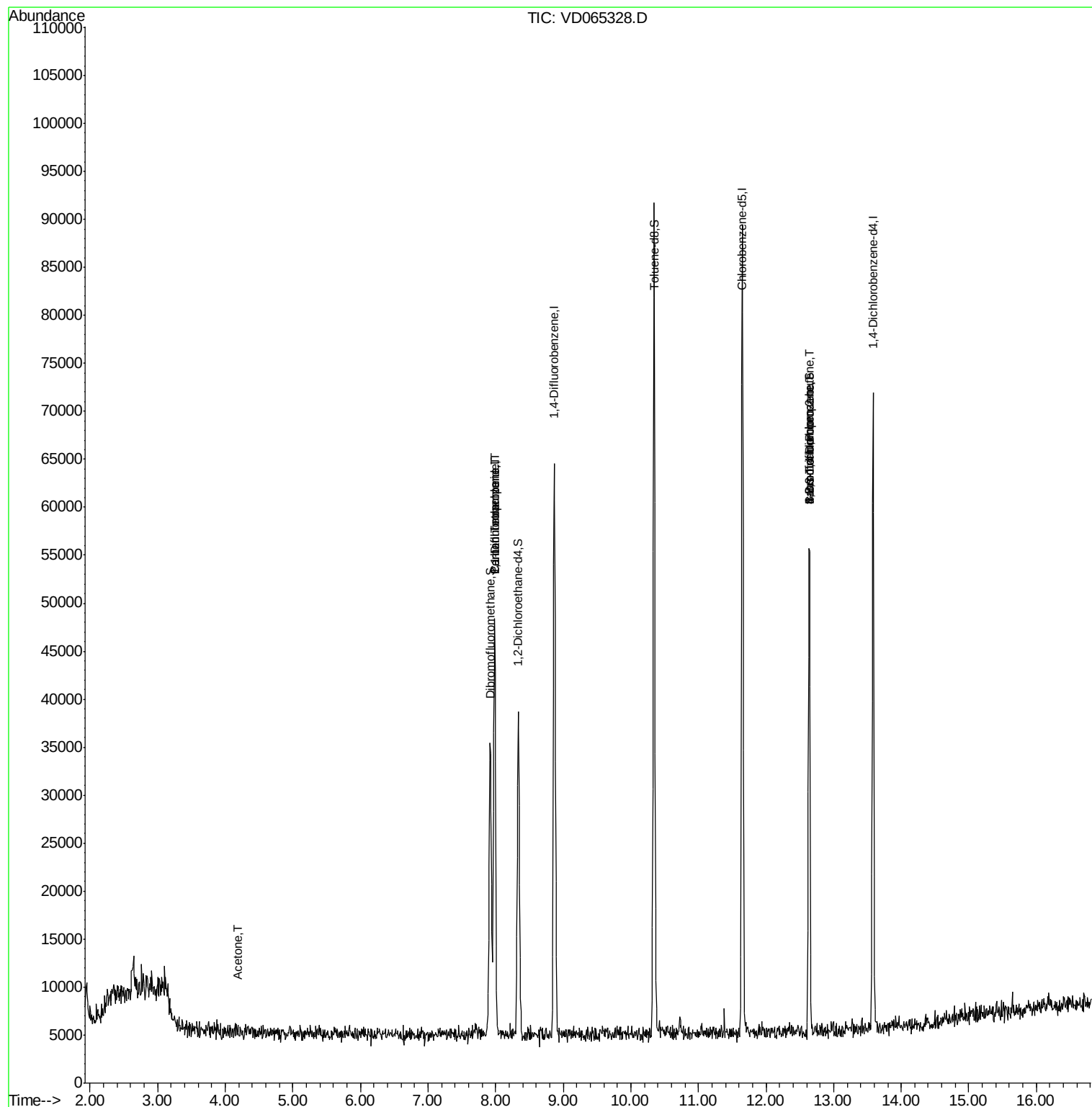
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	33318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	50830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	48522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	17646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	27139	90.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.08%	
35) Dibromofluoromethane	7.92	113	22720	73.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.62%	
50) Toluene-d8	10.34	98	59687	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.64	95	16472	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.19	43	224	3.057	ug/l #	42
20) Methylene Chloride	4.97	84	55	Below Cal	#	5
36) 1,1-Dichloropropene	7.98	75	2303	4.656	ug/l #	41
38) Carbon Tetrachloride	7.99	117	3232	6.419	ug/l #	12
71) Bromoform	12.64	173	208	1.032	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	8442	56.229	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	8442	121.407	ug/l #	11

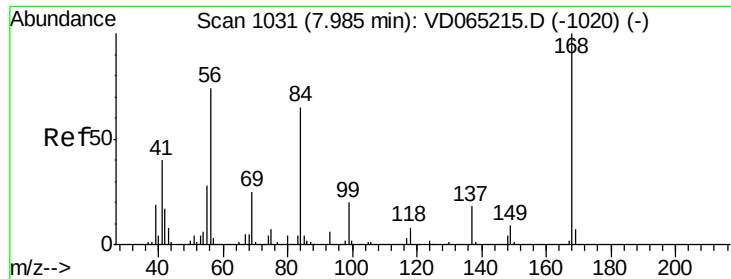
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 27 08:02:37 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: VD065328.D

Acq: 26 Feb 2020 15:18

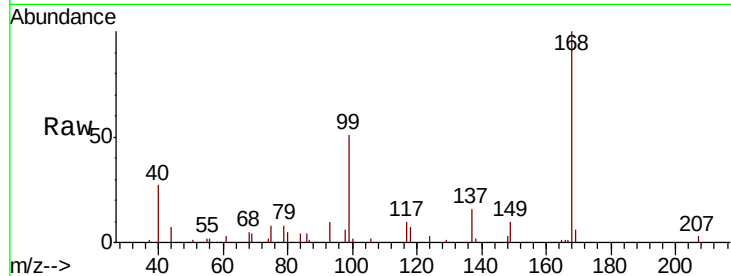
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 33318

Ion Ratio Lower Upper

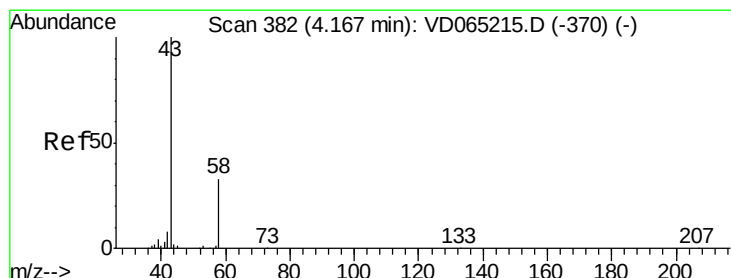
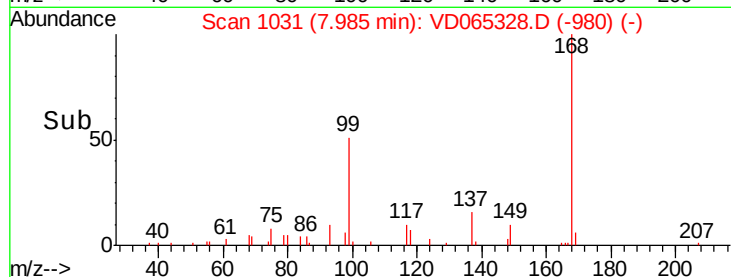
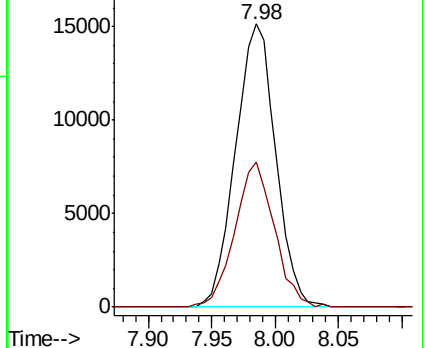
168 100

99 51.2 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: 3.057 ug/l

RT: 4.19 min Scan# 385

Delta R.T. 0.02 min

Lab File: VD065328.D

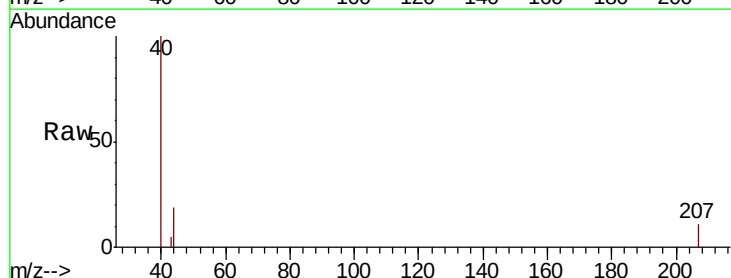
Acq: 26 Feb 2020 15:18

Tgt Ion: 43 Resp: 224

Ion Ratio Lower Upper

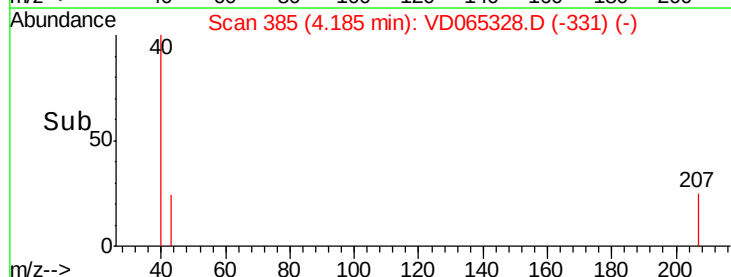
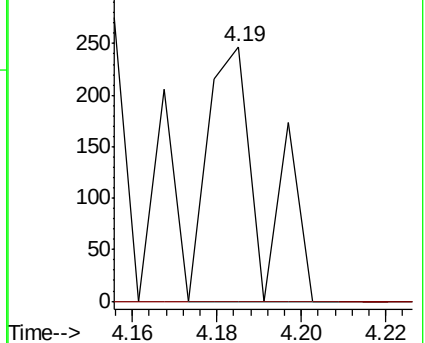
43 100

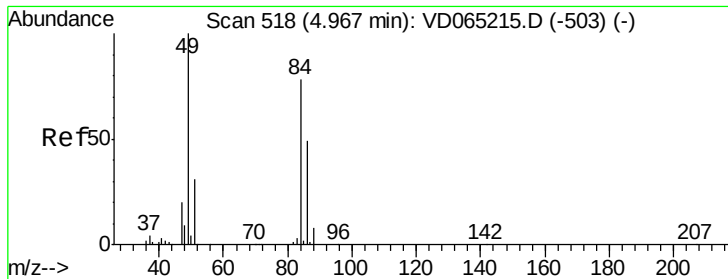
58 0.0 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

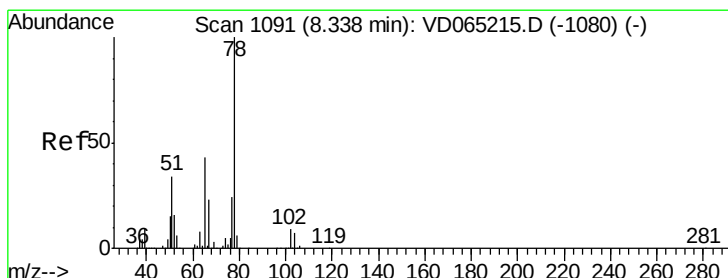
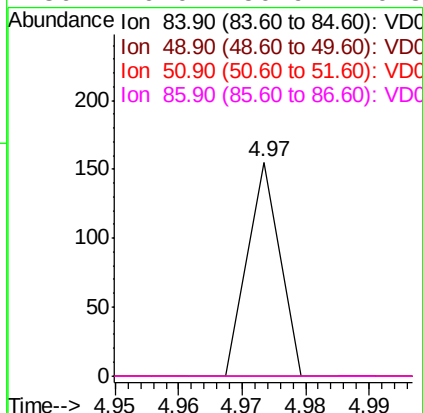
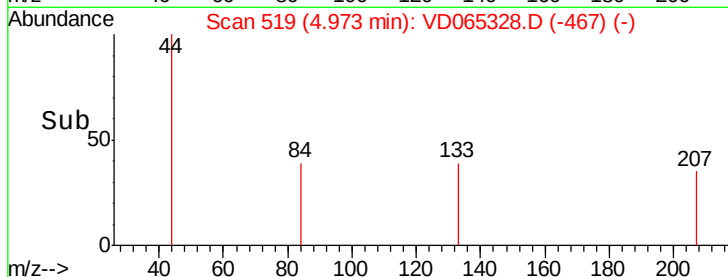
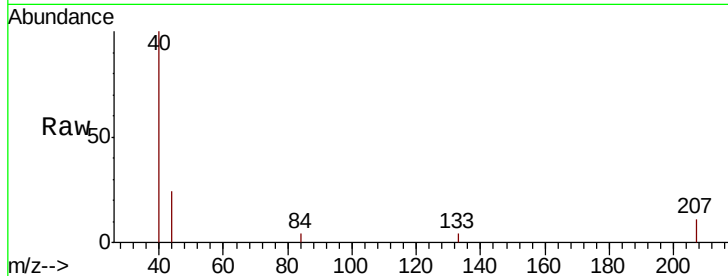




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

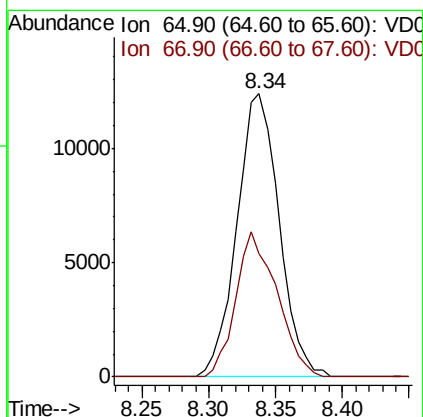
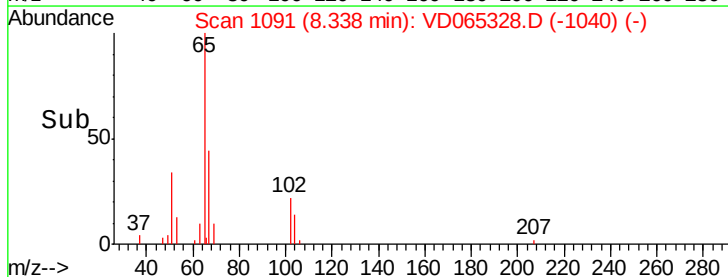
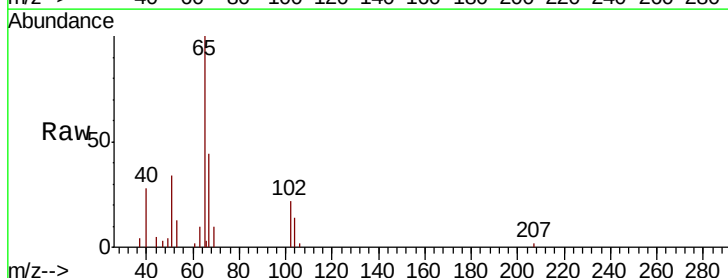
Instrument :
MSVOA_D
ClientSampleId :

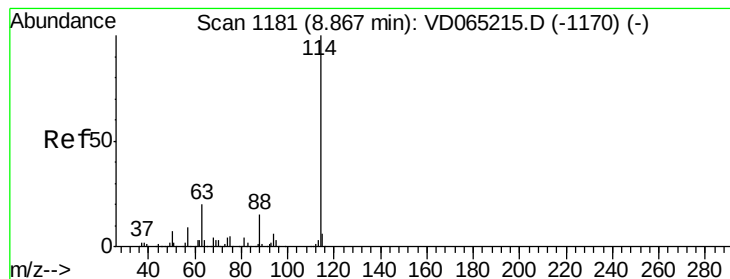
Tot Ion	84	Resp	55
Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.1	154.7#
51	0.0	31.7	47.5#
86	0.0	50.9	76.3#



#33
1,2-Dichloroethane-d4
Concen: 90.544 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

Tgt Ion	65	Resp	27139
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065328.D

Acq: 26 Feb 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

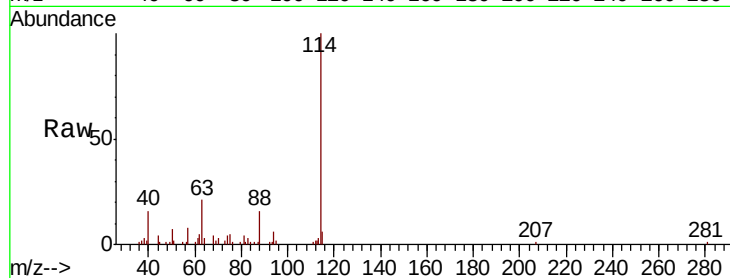
Tot Ion:114 Resp: 50830

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.4

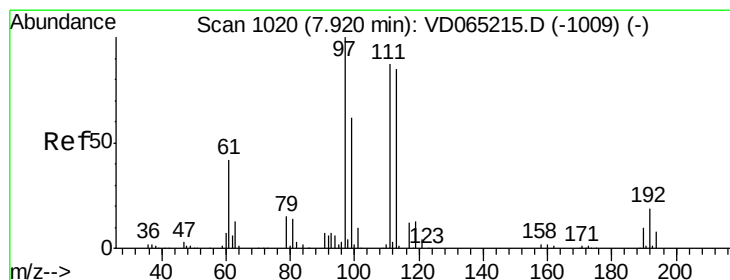
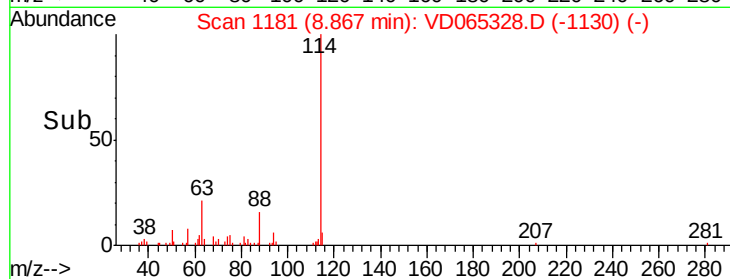
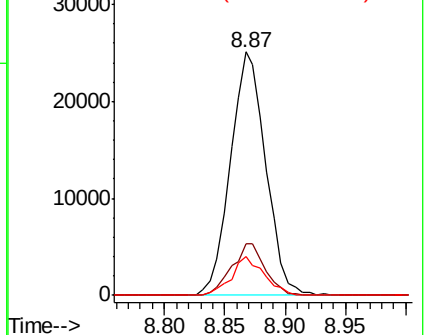
88 16.1 0.0 30.4



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: 73.307 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065328.D

Acq: 26 Feb 2020 15:18

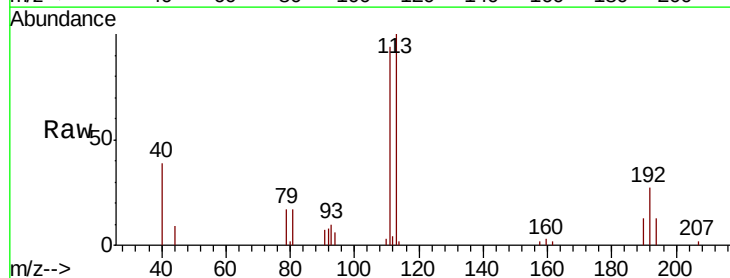
Tgt Ion:113 Resp: 22720

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

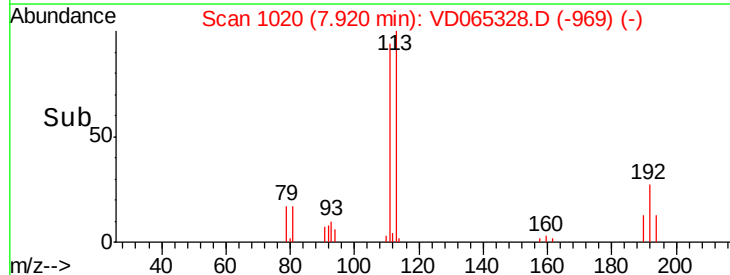
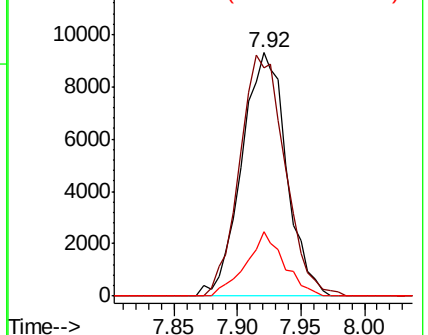
192 22.7 17.3 25.9

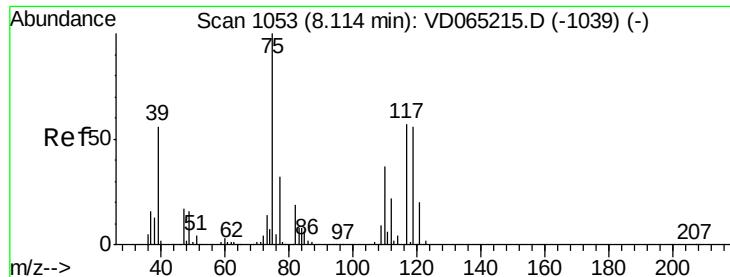


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

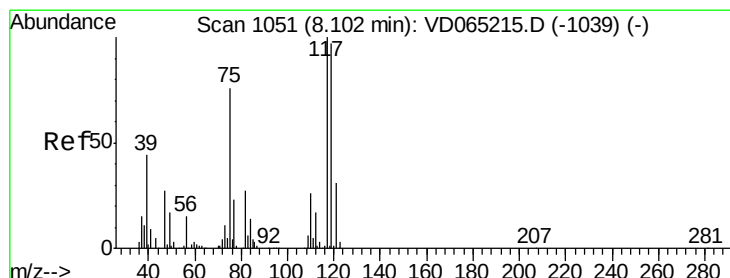
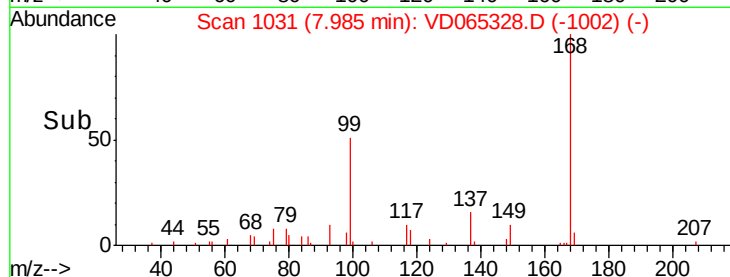
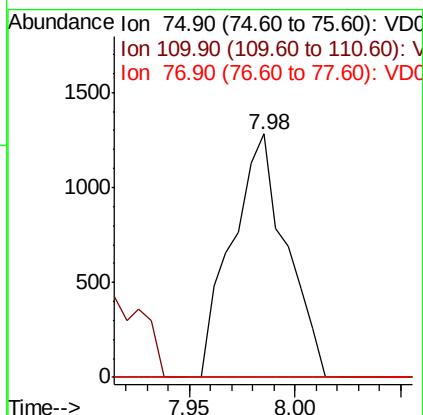
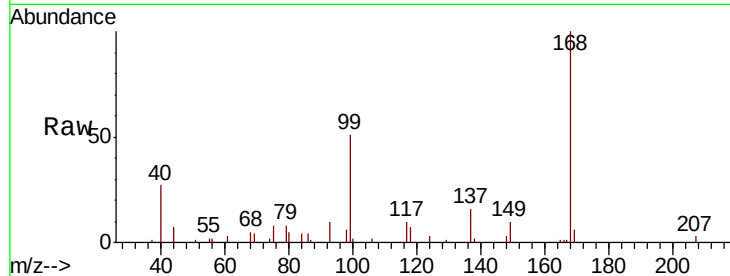




#36
 1,1-Dichloropropene
 Concen: 4.656 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065328.D
 Acq: 26 Feb 2020 15:18

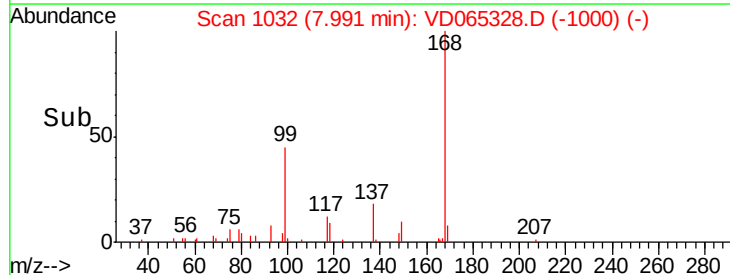
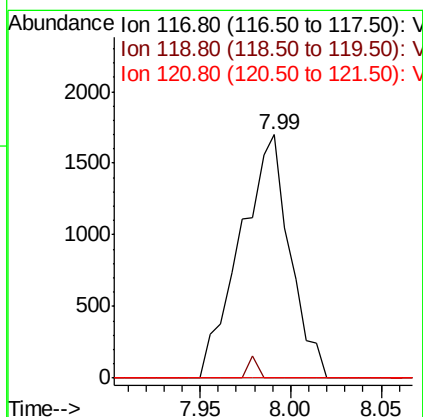
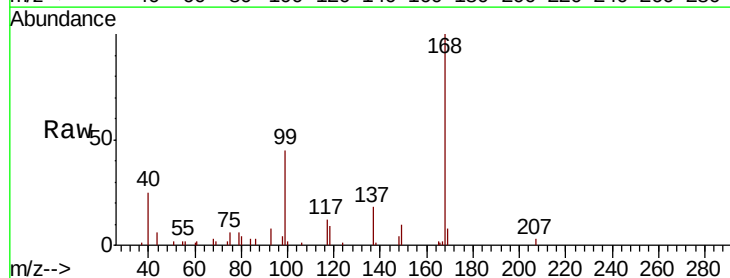
Instrument :
 MSVOA_D
 ClientSampleId :

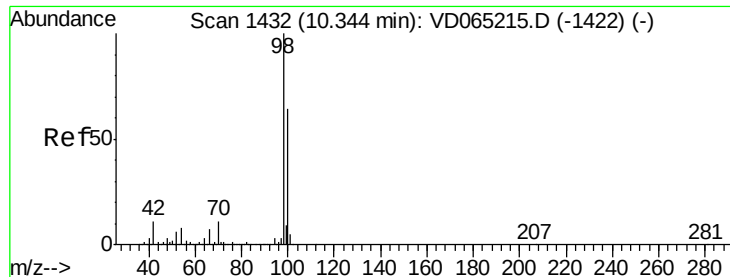
Tot Ion: 75 Resp: 2303
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.9 53.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.419 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD065328.D
 Acq: 26 Feb 2020 15:18

Tgt Ion: 117 Resp: 3232
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.6 116.4#
 121 0.0 24.8 37.2#

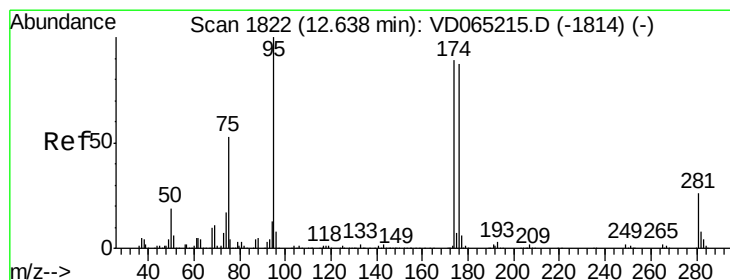
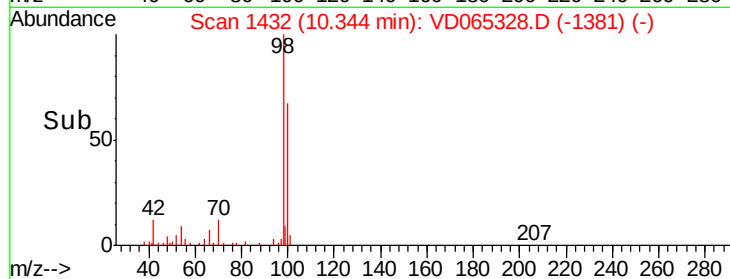
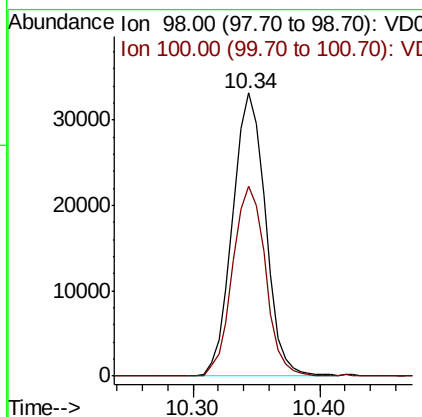
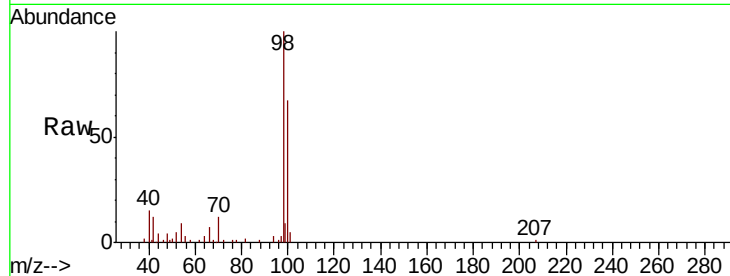




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

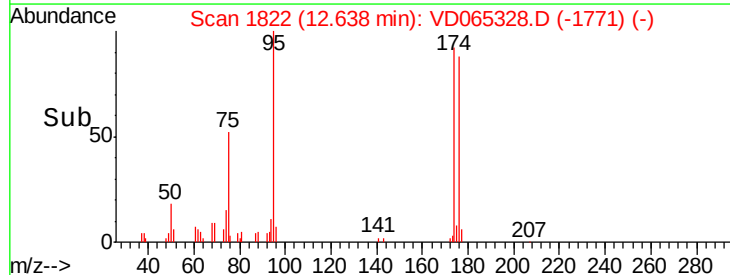
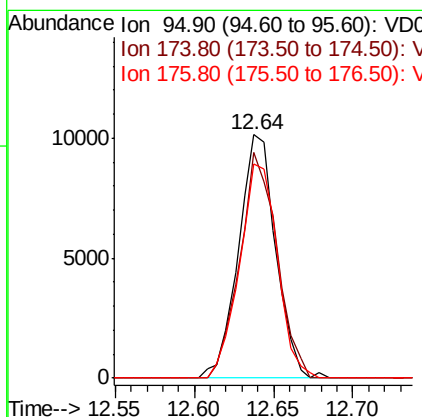
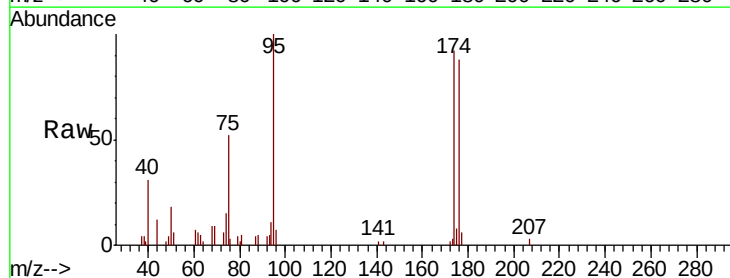
Instrument :
MSVOA_D
ClientSampleId :

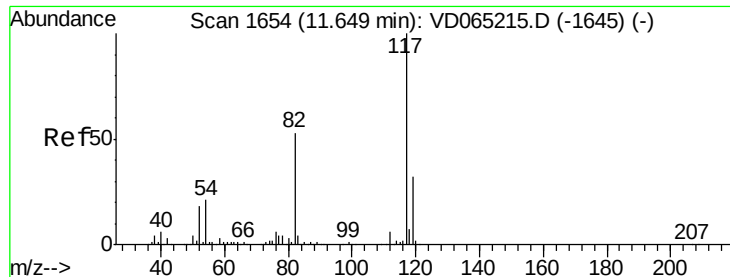
Tot Ion: 98 Resp: 59687
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.885 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

Tgt Ion: 95 Resp: 16472
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.0
176 90.2 0.0 174.4

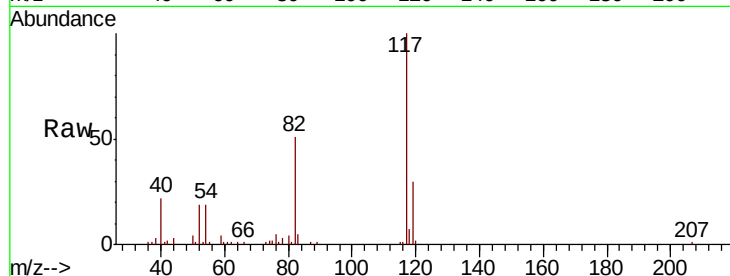




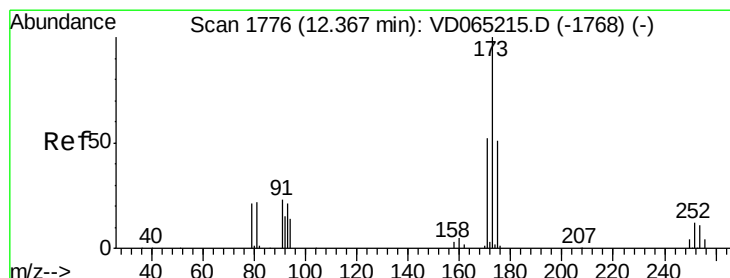
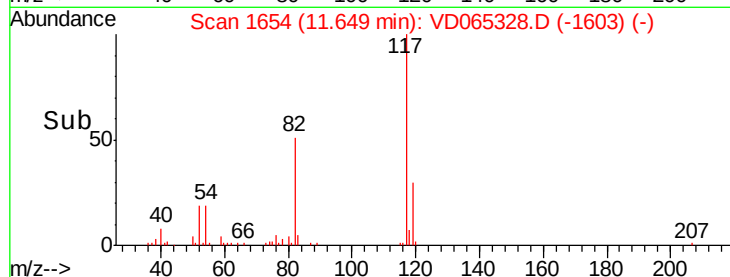
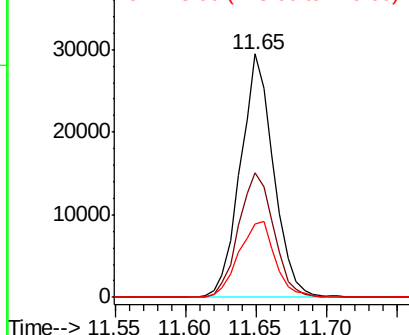
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 48522
Ion Ratio Lower Upper
117 100
82 51.3 42.7 64.1
119 30.1 25.5 38.3

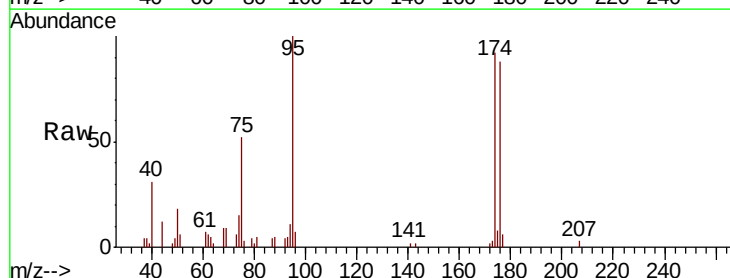


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

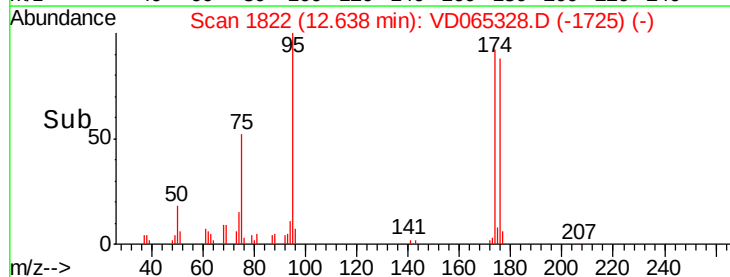
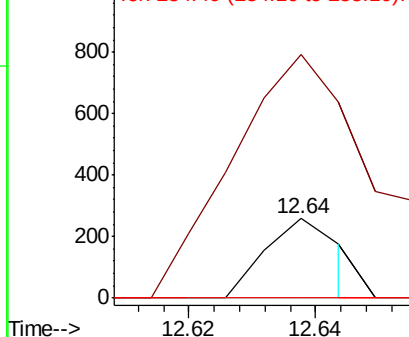


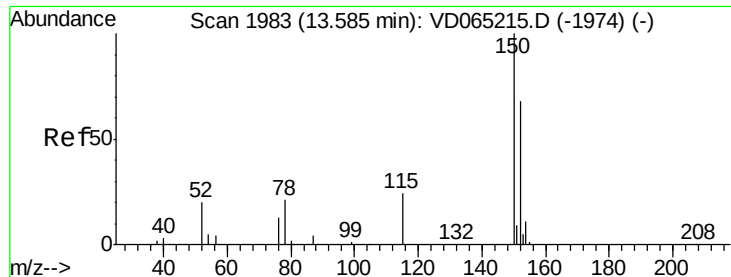
#71
Bromoform
Concen: 1.032 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065328.D
Acq: 26 Feb 2020 15:18

Tgt Ion:173 Resp: 208
Ion Ratio Lower Upper
173 100
175 458.2 24.4 73.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VD065328.D

Acq: 26 Feb 2020 15:18

Instrument :

MSVOA_D

ClientSampled :

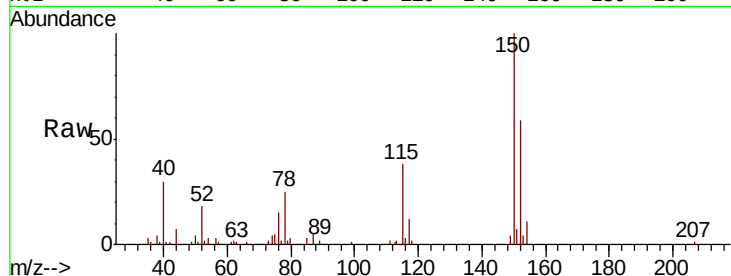
Tot Ion:152 Resp: 17646

Ion Ratio Lower Upper

152 100

115 58.5 27.6 82.8

150 158.5 0.0 347.4

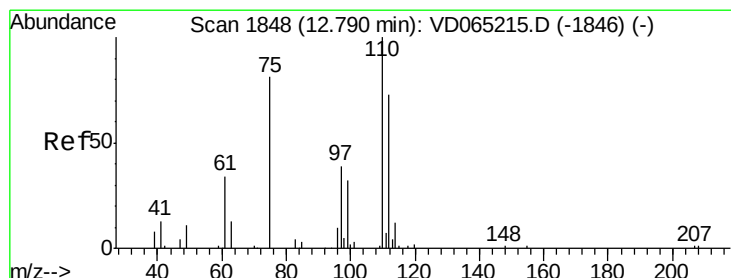
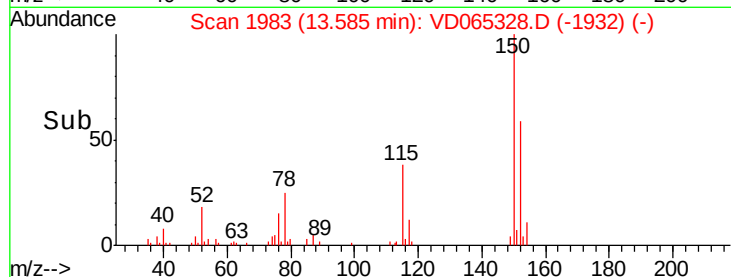
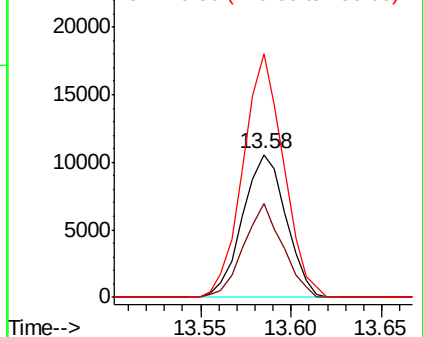


Abundance

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: 56.229 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065328.D

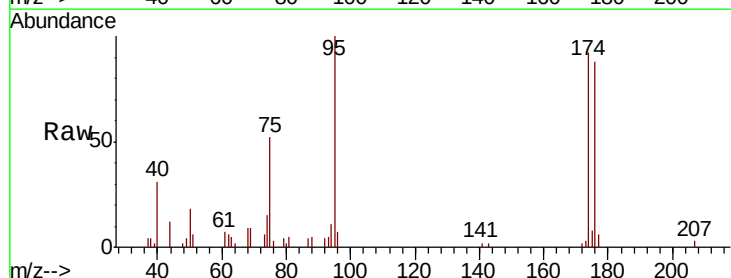
Acq: 26 Feb 2020 15:18

Tgt Ion: 75 Resp: 8442

Ion Ratio Lower Upper

75 100

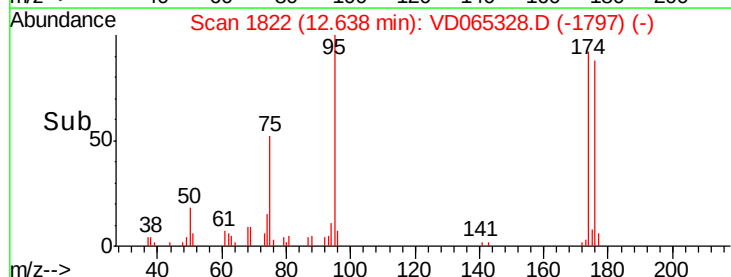
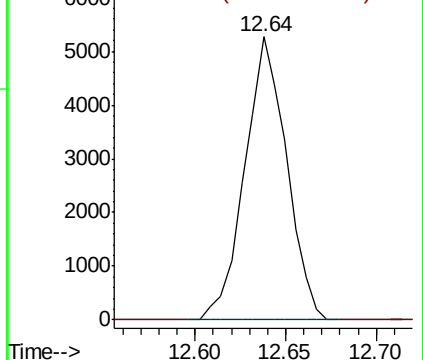
77 0.0 0.0 0.0

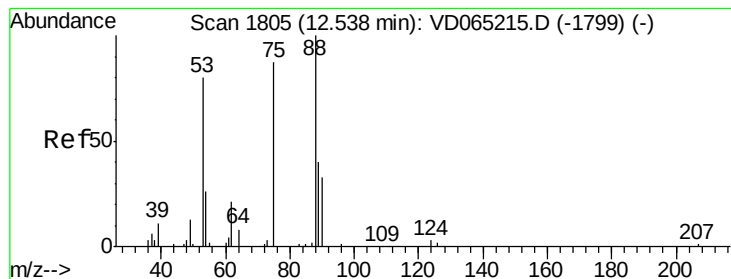


Abundance

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: 121.407 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065328.D

Acq: 26 Feb 2020 15:18

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 8442

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.2 55.8#

