

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064716.D
 Acq On : 02 Jan 2020 14:34
 Operator : VA/SY
 Sample : K6456-01
 Misc : 9.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03

Quant Time: Jan 03 00:24:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

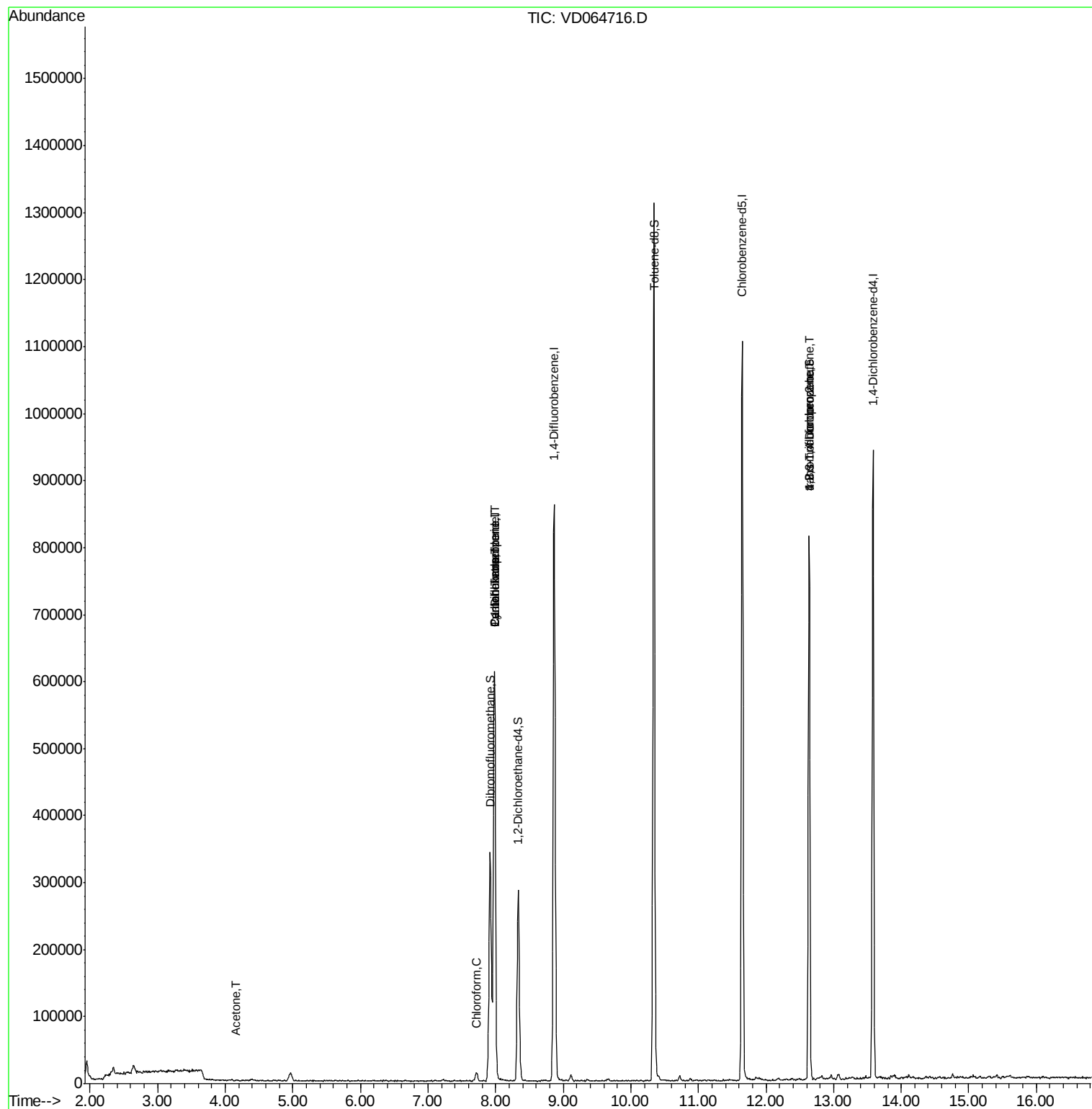
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	491943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	751388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	627368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229641	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.92	113	237728	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.34	98	888121	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.64	95	239739	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1156	5.306	ug/l #	42
20) Methylene Chloride	4.97	84	9863	Below Cal	#	88
30) Chloroform	7.72	83	11601	1.368	ug/l	98
31) Cyclohexane	7.99	56	10826	1.338	ug/l #	42
36) 1,1-Dichloropropene	7.99	75	35431	4.899	ug/l #	48
38) Carbon Tetrachloride	7.99	117	45651	5.920	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	129616	67.058	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	129616	140.250	ug/l #	10

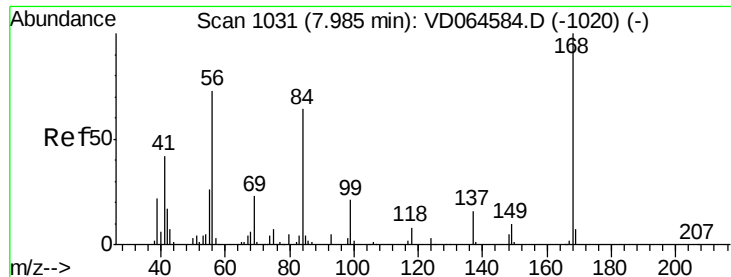
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 03 00:24:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064716.D

Acq: 02 Jan 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

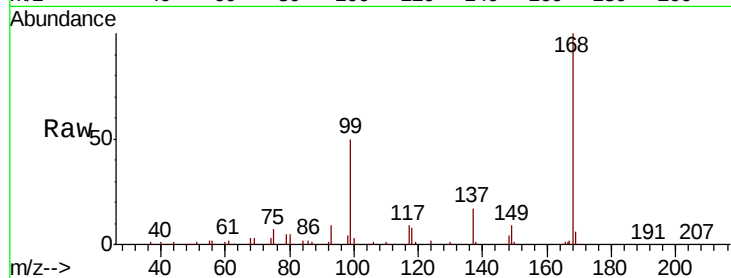
SB-03

Tot Ion:168 Resp: 491943

Ion Ratio Lower Upper

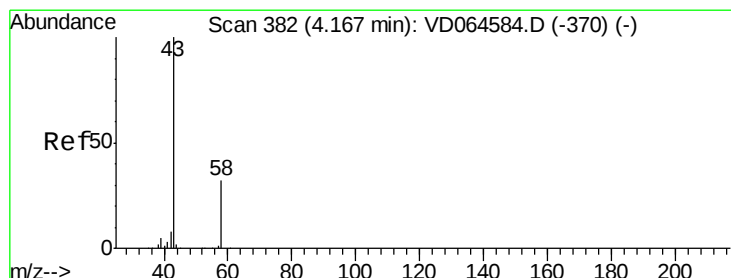
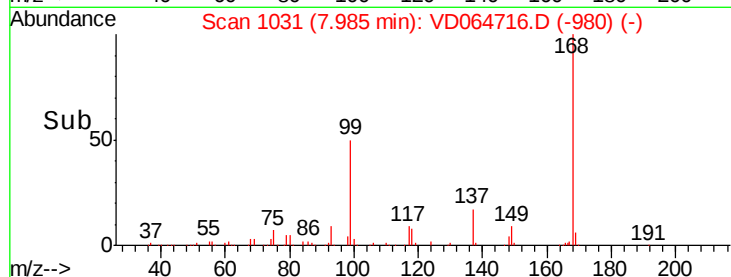
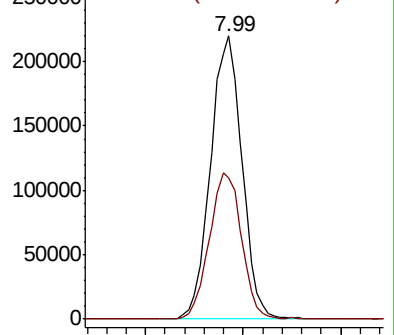
168 100

99 50.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.306 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064716.D

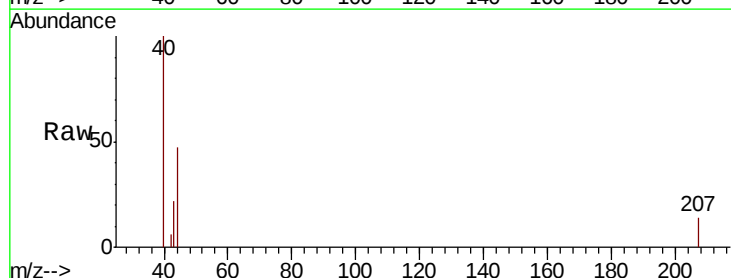
Acq: 02 Jan 2020 14:34

Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

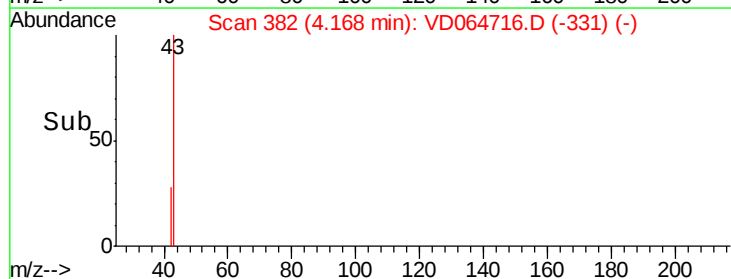
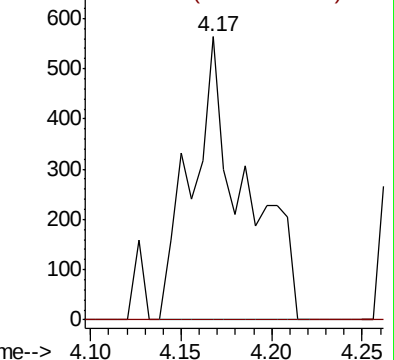
43 100

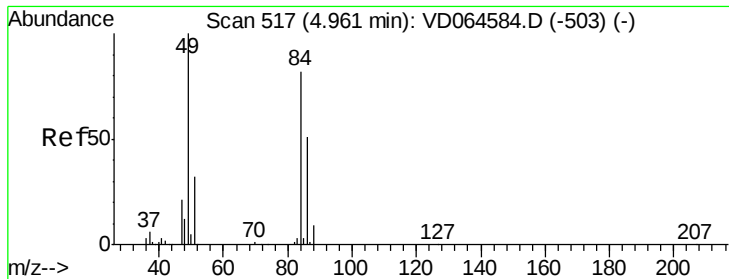
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

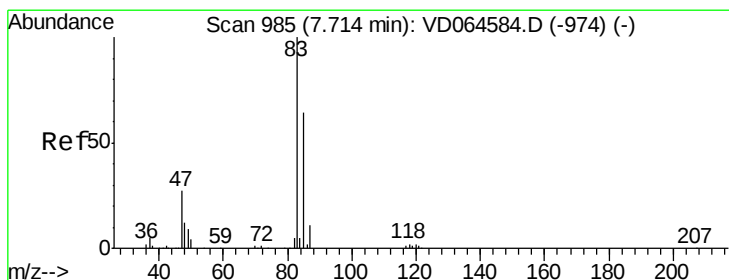
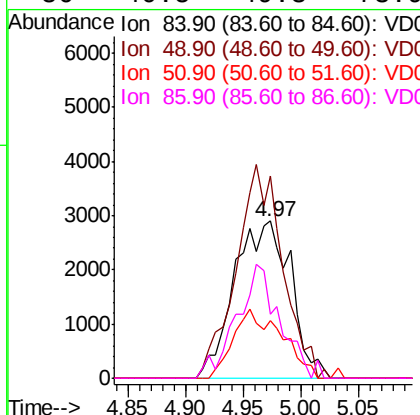
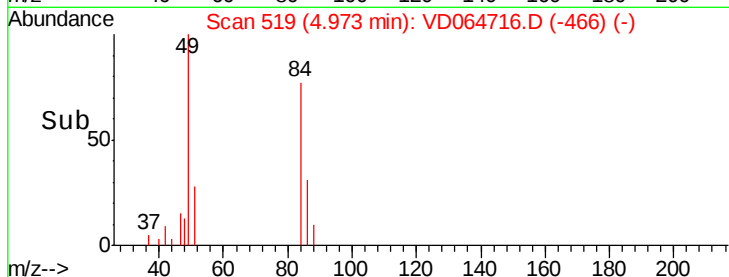
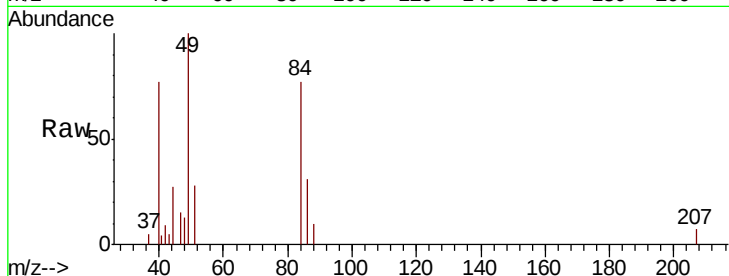




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

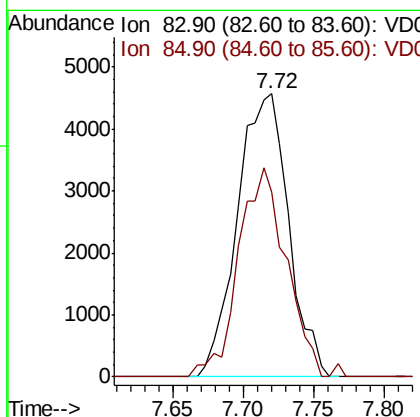
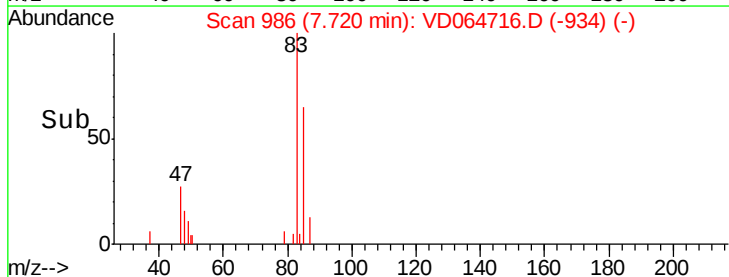
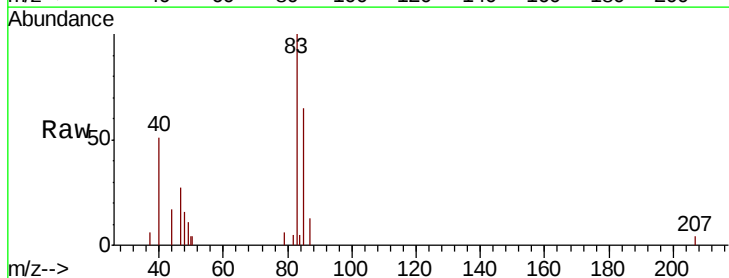
Instrument :
MSVOA_D
ClientSampleId :
SB-03

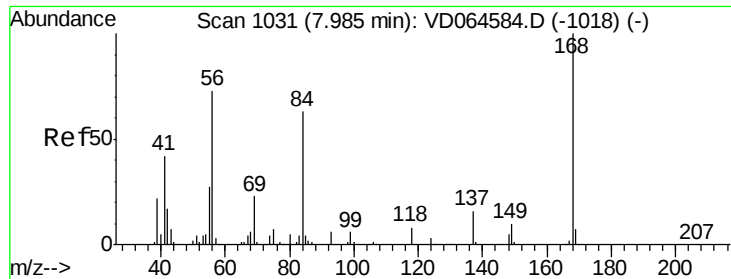
Tot Ion: 84 Resp: 9863
Ion Ratio Lower Upper
84 100
49 129.1 97.2 145.8
51 36.6 31.4 47.0
86 40.5 49.3 73.9#



#30
Chloroform
Concen: 1.368 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

Tgt Ion: 83 Resp: 11601
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7

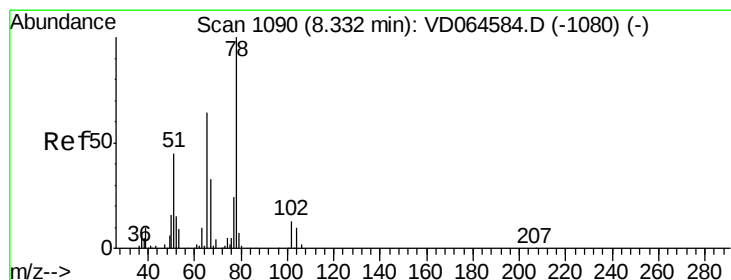
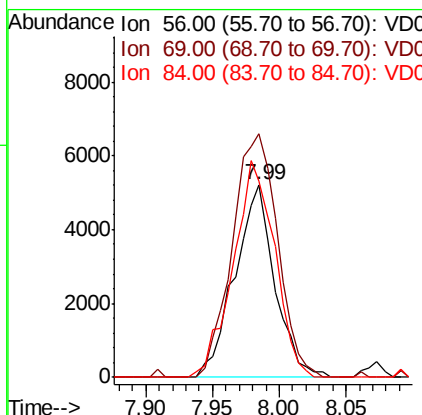
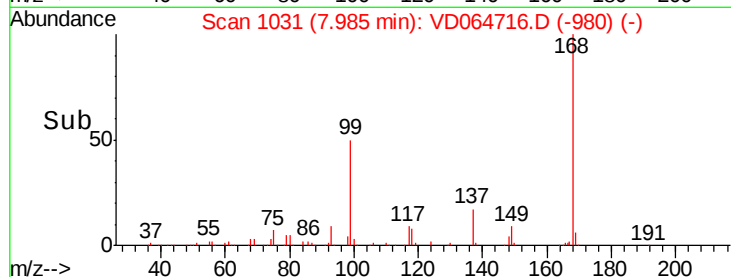
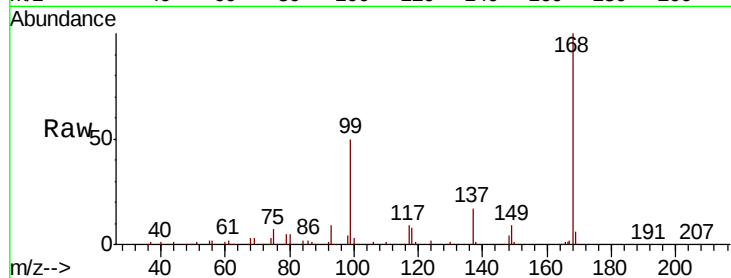




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

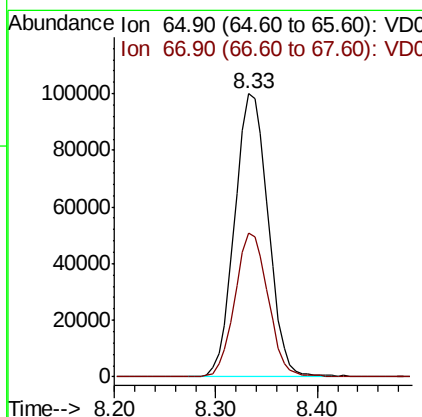
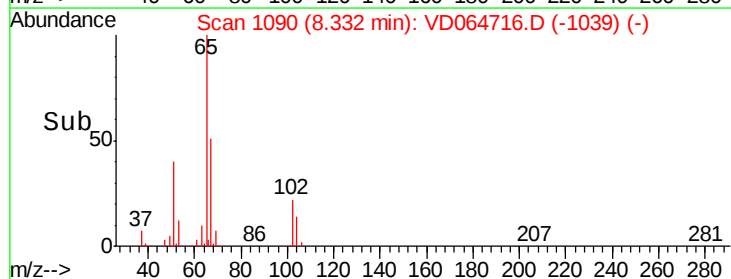
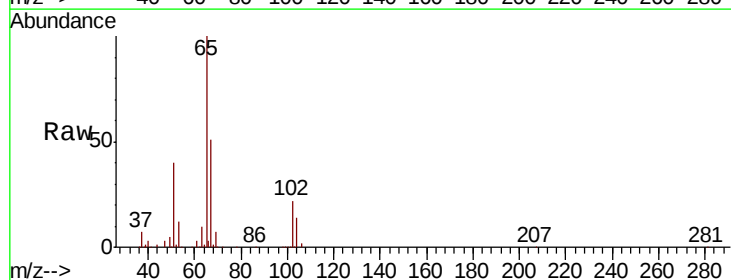
Instrument :
MSVOA_D
ClientSampled :
SB-03

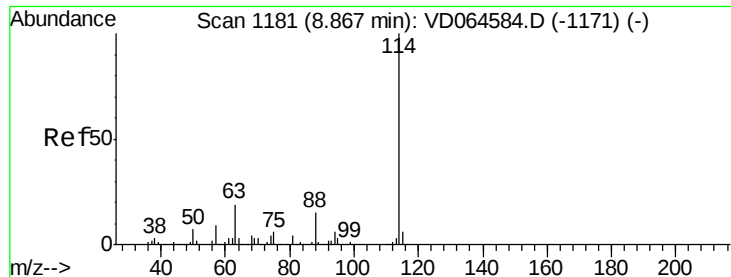
Tot Ion: 56 Resp: 10826
Ion Ratio Lower Upper
56 100
69 126.4 24.7 37.1#
84 101.6 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 52.938 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

Tgt Ion: 65 Resp: 229641
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

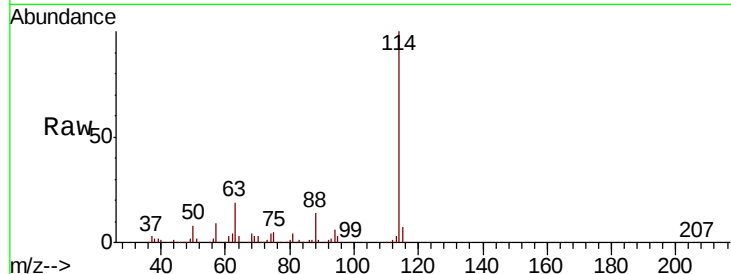




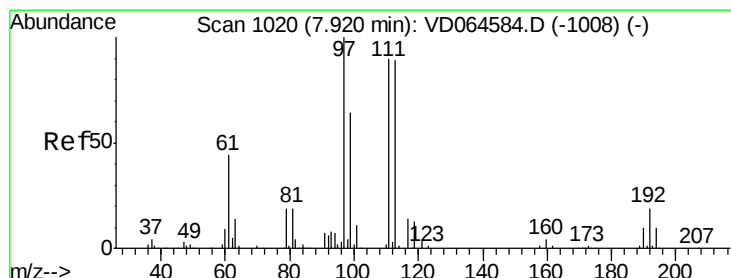
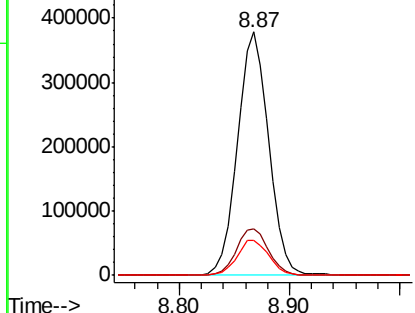
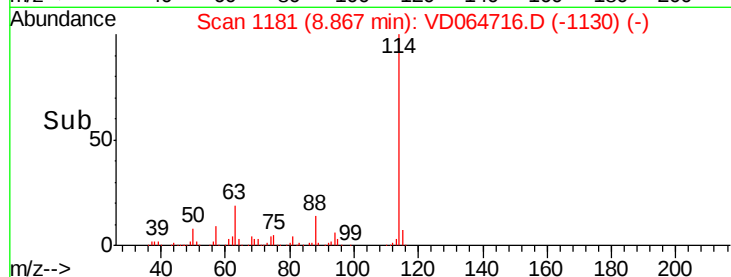
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064716.D
 Acq: 02 Jan 2020 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03

Tot Ion:114 Resp: 751388
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.4 0.0 29.2

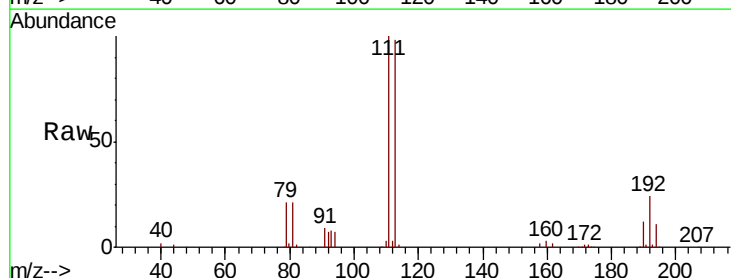


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

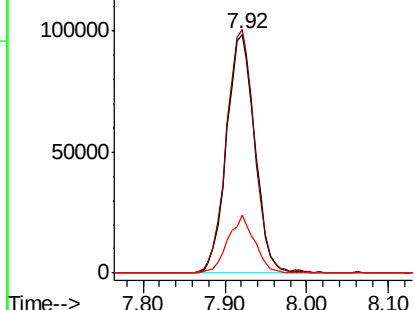
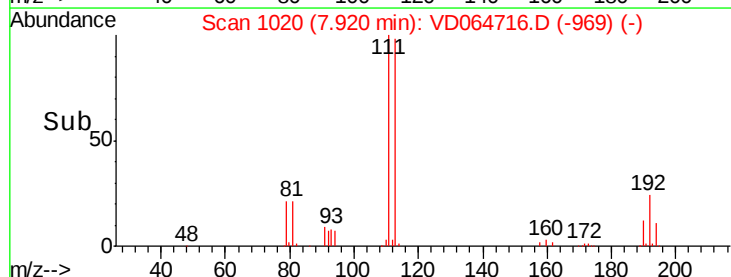


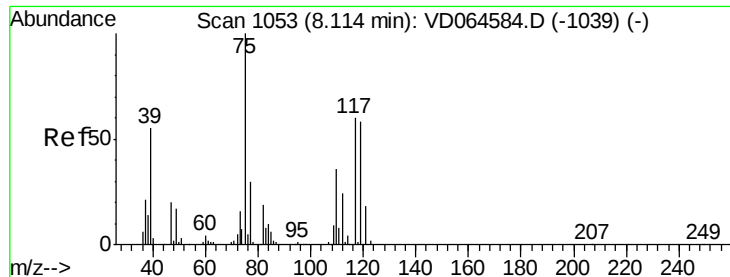
#35
 Dibromofluoromethane
 Concen: 51.569 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064716.D
 Acq: 02 Jan 2020 14:34

Tgt Ion:113 Resp: 237728
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.6 121.0
 192 22.8 17.9 26.9



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: 4.899 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064716.D

Acq: 02 Jan 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-03

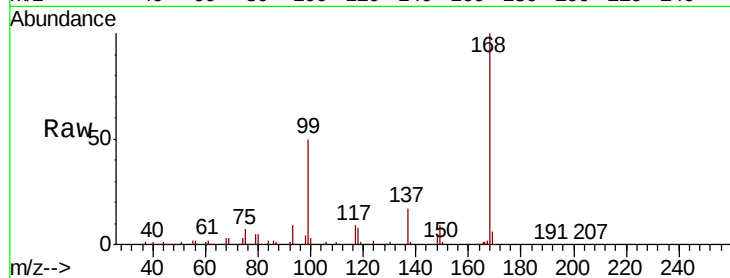
Tot Ion: 75 Resp: 35431

Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.1#

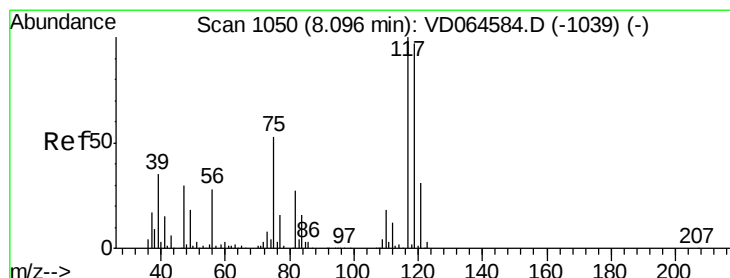
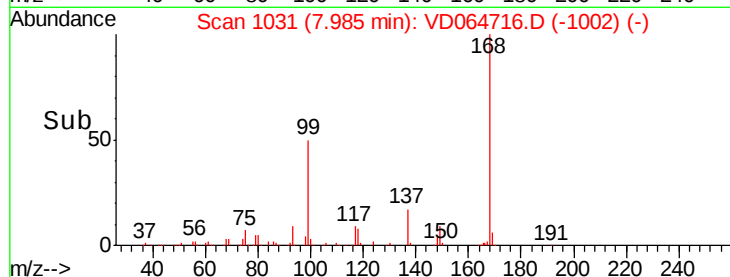
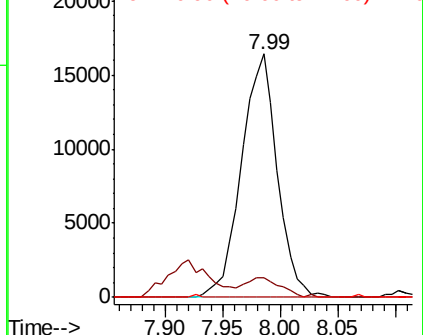
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064716.D (-999) (-)

Ion 109.90 (109.60 to 110.60): VD064716.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD064716.D (-999) (-)



#38

Carbon Tetrachloride

Concen: 5.920 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064716.D

Acq: 02 Jan 2020 14:34

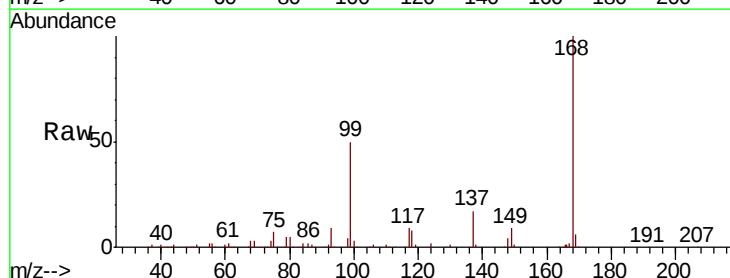
Tgt Ion: 117 Resp: 45651

Ion Ratio Lower Upper

117 100

119 7.1 77.3 115.9#

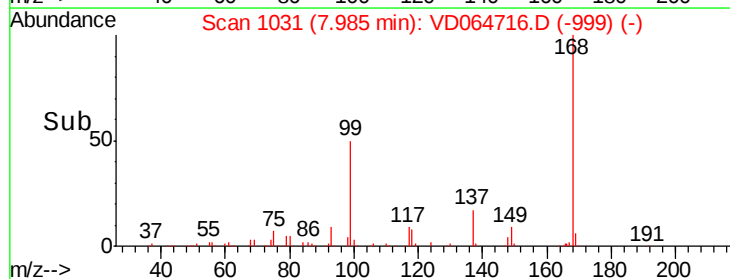
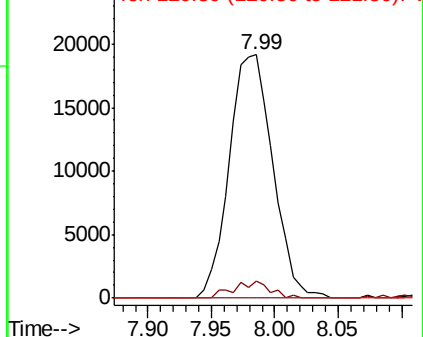
121 0.0 25.0 37.6#

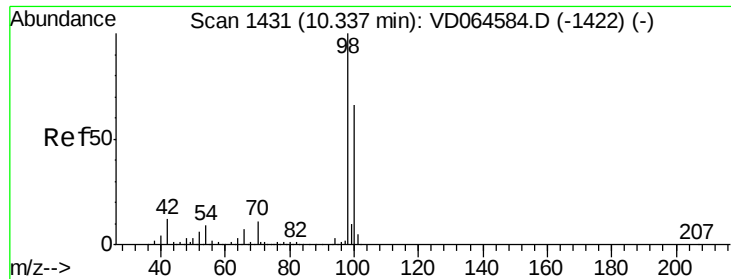


Abundance Ion 116.80 (116.50 to 117.50): VD064716.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064716.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064716.D (-999) (-)

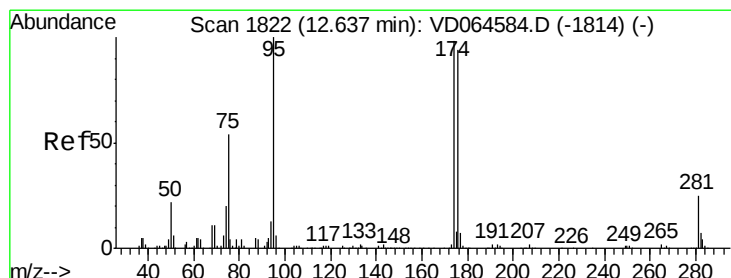
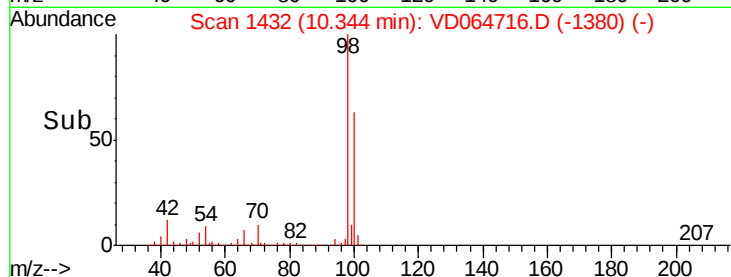
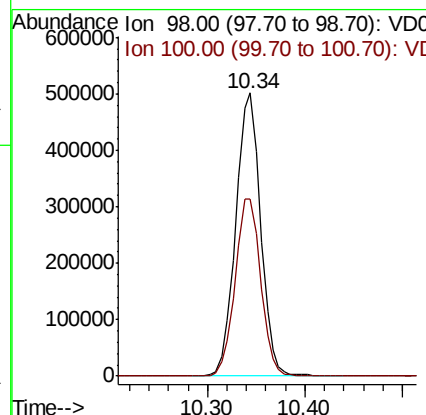
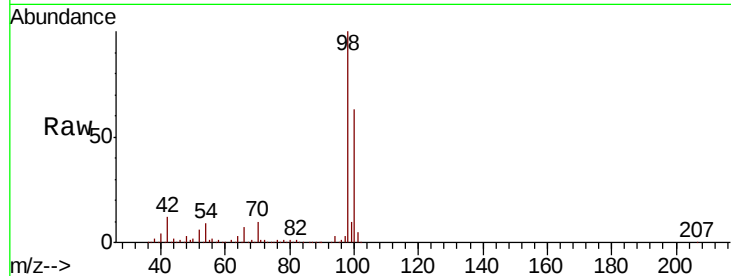




#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

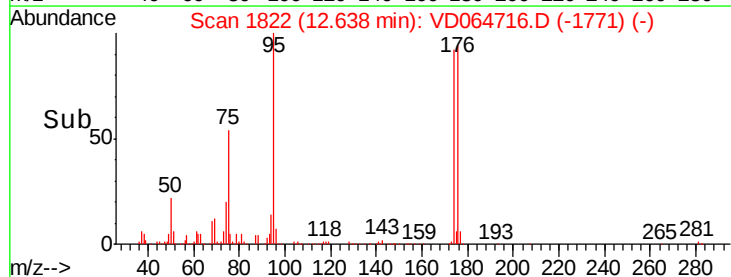
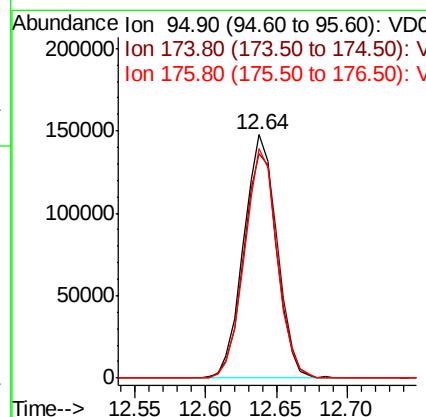
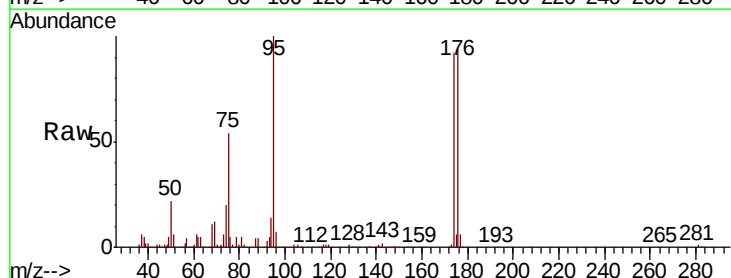
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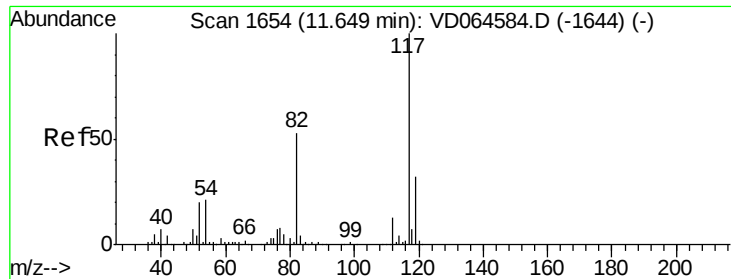
Tot Ion: 98 Resp: 888121
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.942 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

Tgt Ion: 95 Resp: 239739
Ion Ratio Lower Upper
95 100
174 97.3 0.0 193.2
176 93.3 0.0 184.2

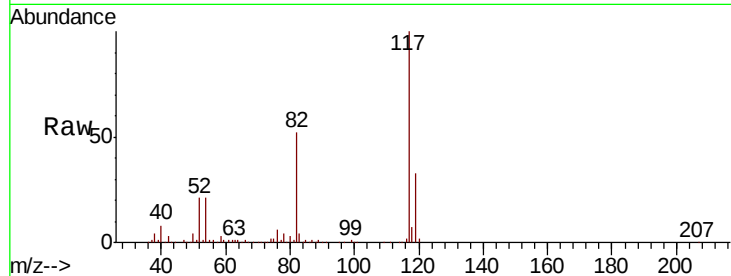




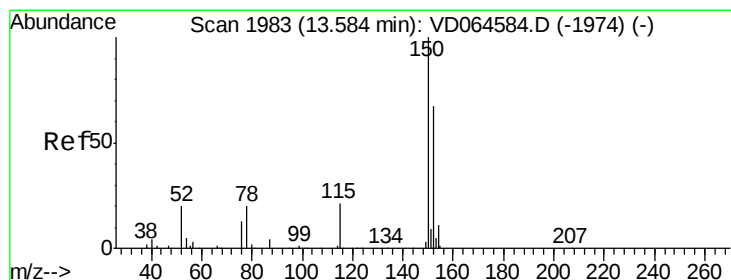
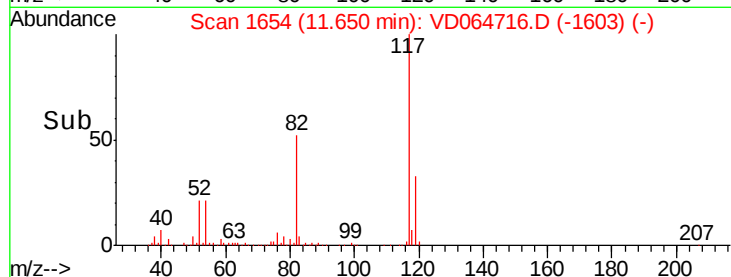
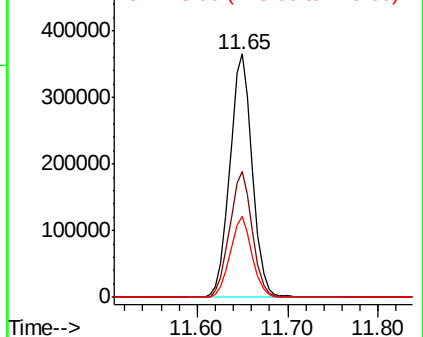
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

Instrument :
MSVOA_D
ClientSampleId :
SB-03

Tot Ion:117 Resp: 627368
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.4
119 33.3 26.0 39.0

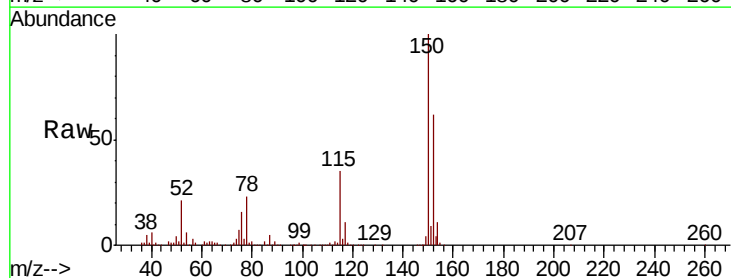


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

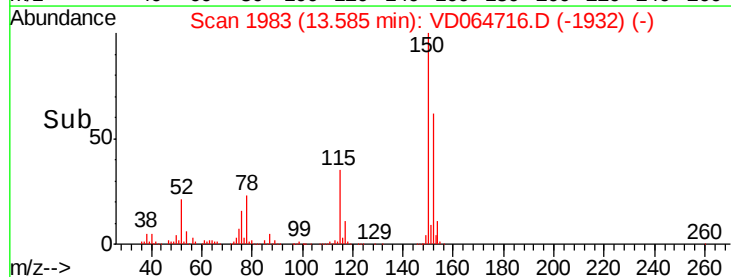
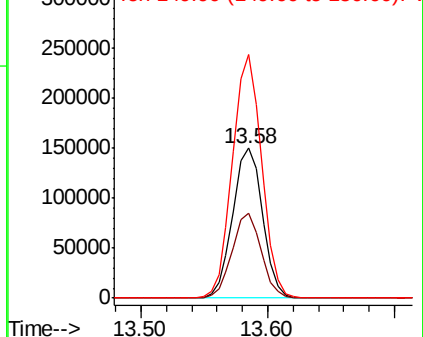


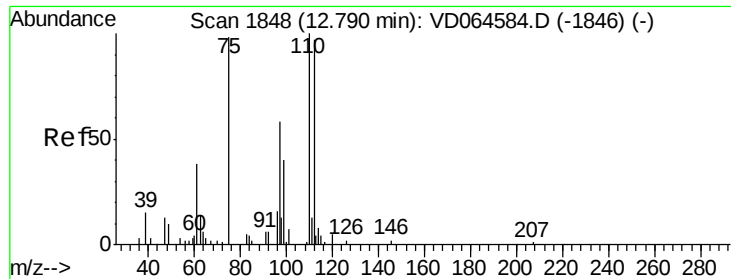
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064716.D
Acq: 02 Jan 2020 14:34

Tgt Ion:152 Resp: 244774
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 158.6 0.0 351.4



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: 67.058 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064716.D

Acq: 02 Jan 2020 14:34

Instrument :

MSVOA_D

ClientSampled :

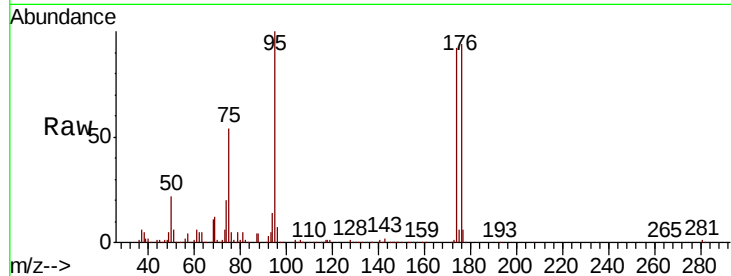
SB-03

Tot Ion: 75 Resp: 129616

Ion Ratio Lower Upper

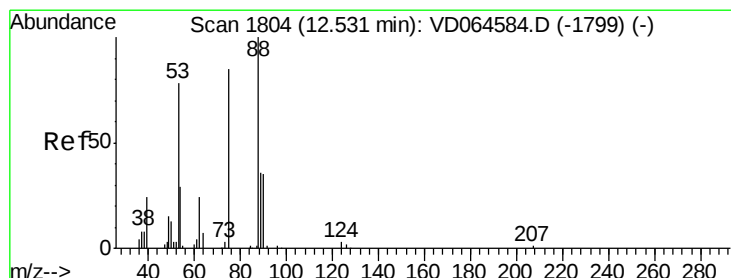
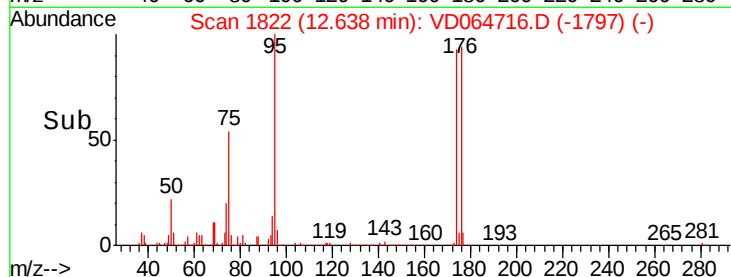
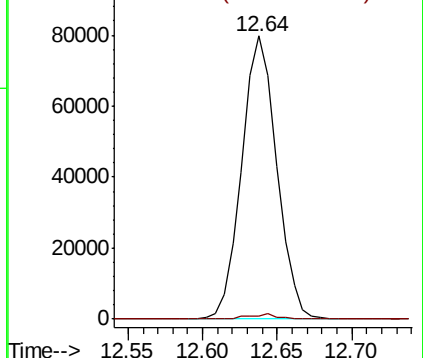
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 140.250 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064716.D

Acq: 02 Jan 2020 14:34

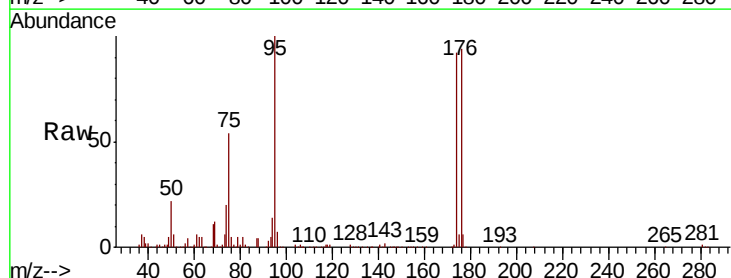
Tgt Ion: 75 Resp: 129616

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.2 38.3 57.5#



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

