

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065099.D
 Acq On : 06 Feb 2020 21:10
 Operator : VA/SY
 Sample : L1408-04RE
 Misc : 5.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:11:13 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

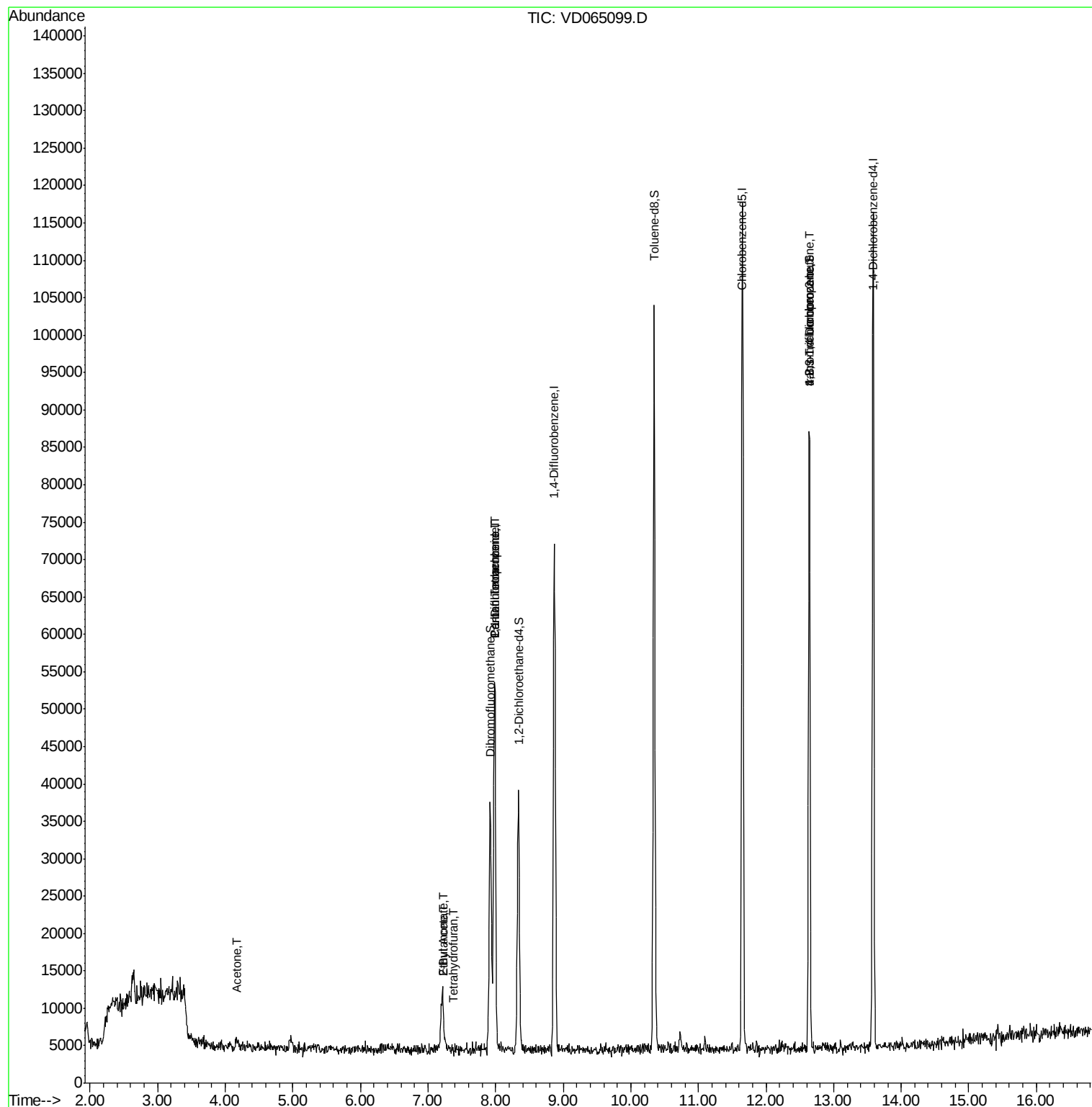
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	36869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	57054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	62744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	31847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	26642	85.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	170.04%	
35) Dibromofluoromethane	7.92	113	23085	72.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.04%	
50) Toluene-d8	10.34	98	69905	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.64	95	26711	66.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2126	27.137	ug/l #	45
20) Methylene Chloride	4.98	84	311	Below Cal	#	41
25) 2-Butanone	7.24	43	275	2.943	ug/l #	50
29) Tetrahydrofuran	7.37	42	60	1.062	ug/l #	34
36) 1,1-Dichloropropene	7.99	75	3156	5.949	ug/l #	41
37) Ethyl Acetate	7.24	43	275	1.269	ug/l #	69
38) Carbon Tetrachloride	7.99	117	3618	6.677	ug/l #	11
76) 1,2,3-Trichloropropane	12.64	75	13758	57.060	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	13758	114.115	ug/l #	10

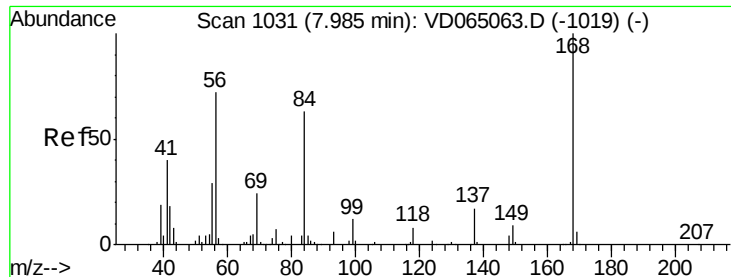
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020620\
Data File : VD065099.D
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MSVOA_D
ClientSampleId :

Quant Time: Feb 07 06:11:13 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: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

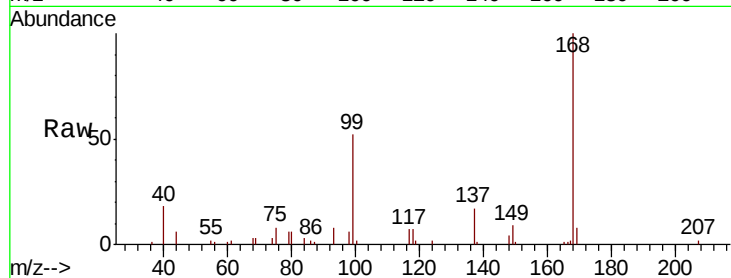
ClientSampled :

Tot Ion:168 Resp: 36869

Ion Ratio Lower Upper

168 100

99 52.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

20000

15000

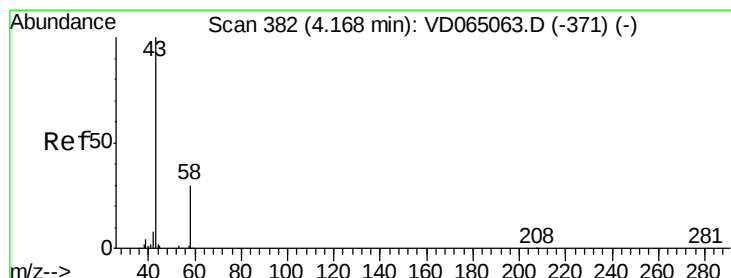
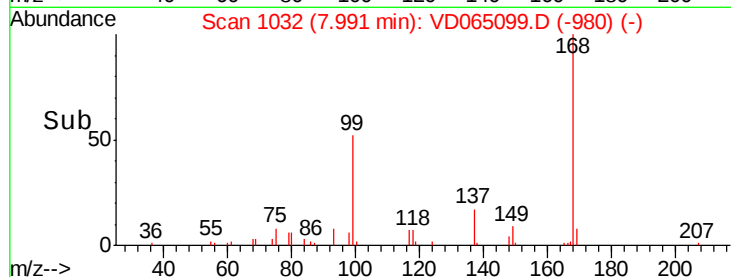
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 27.137 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065099.D

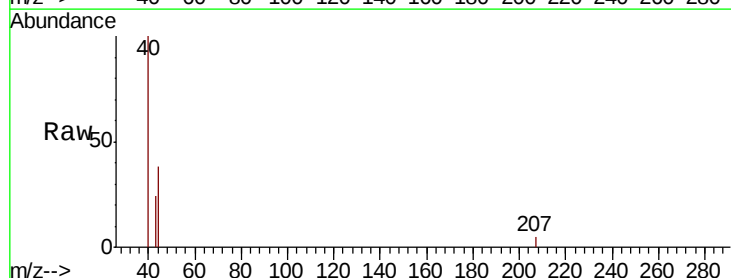
Acq: 06 Feb 2020 21:10

Tgt Ion: 43 Resp: 2126

Ion Ratio Lower Upper

43 100

58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

800

600

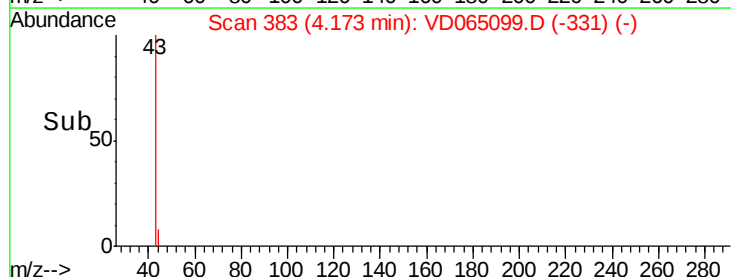
400

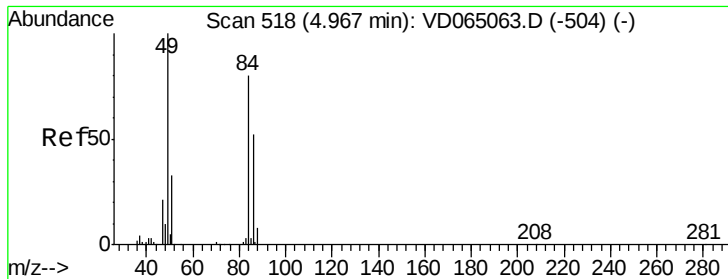
200

0

4.10 4.15 4.20 4.25

Time-->

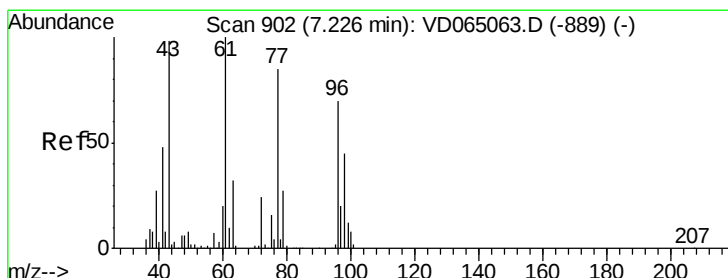
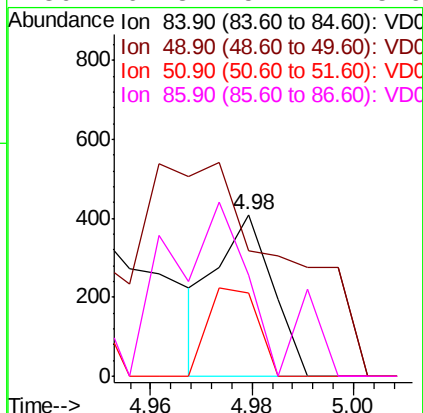
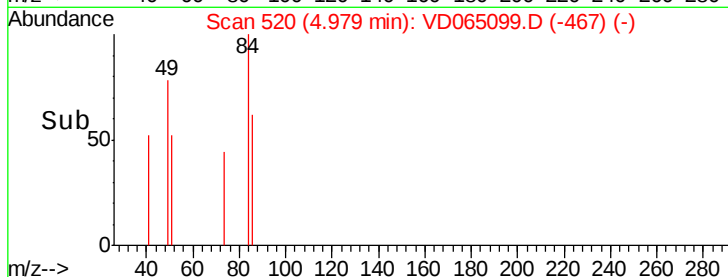
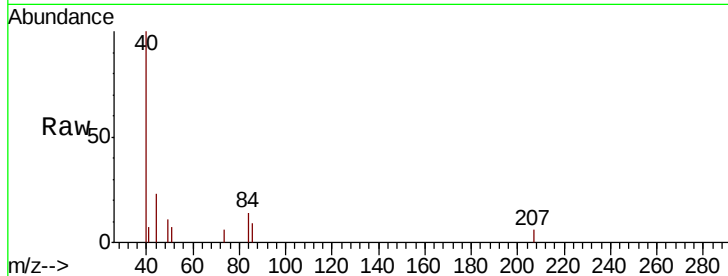




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

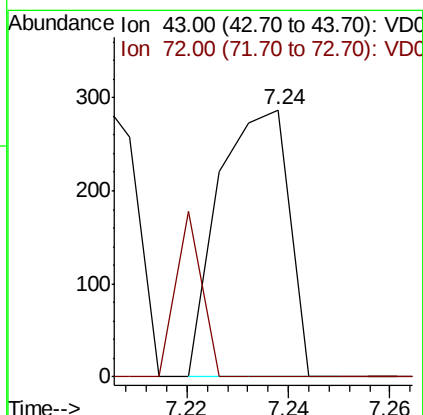
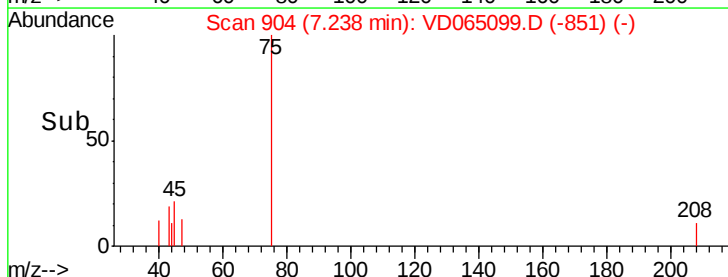
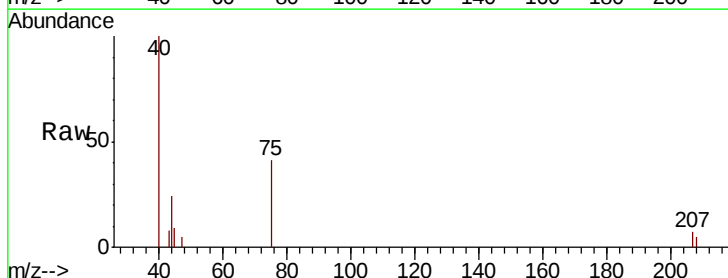
Instrument :
MSVOA_D
ClientSampled :

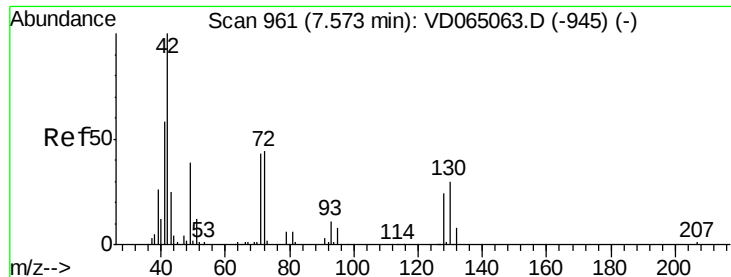
Tot Ion: 84 Resp: 311
Ion Ratio Lower Upper
84 100
49 10.5 100.4 150.6#
51 51.6 32.7 49.1#
86 62.3 52.4 78.6



#25
2-Butanone
Concen: 2.943 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

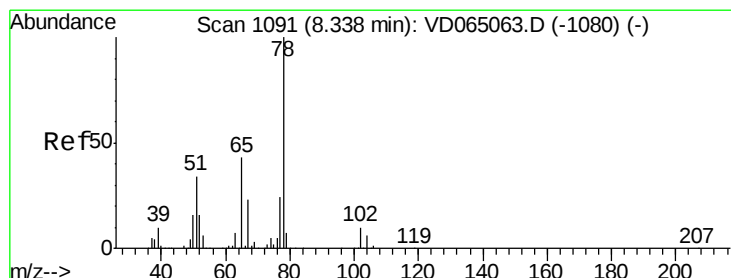
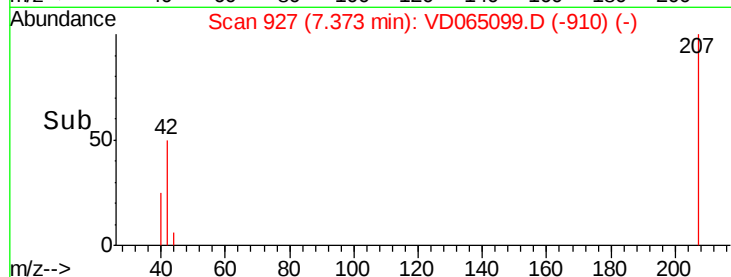
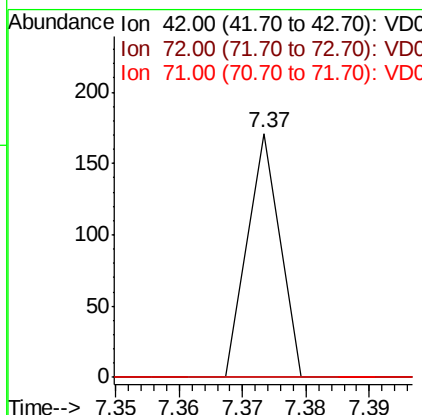
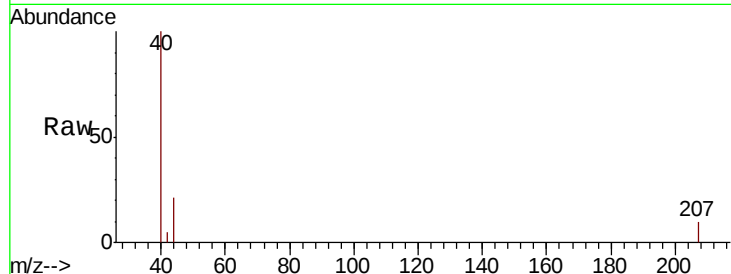




#29
Tetrahydrofuran
Concen: 1.062 ug/l
RT: 7.37 min Scan# 927
Delta R.T. -0.20 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

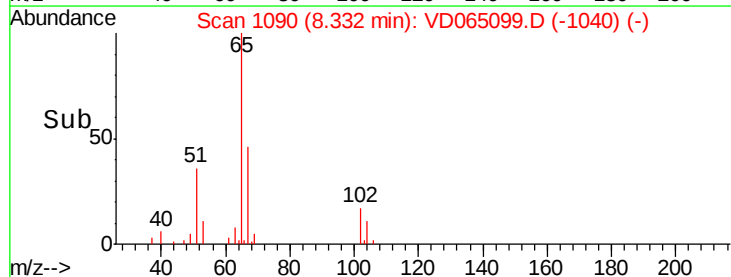
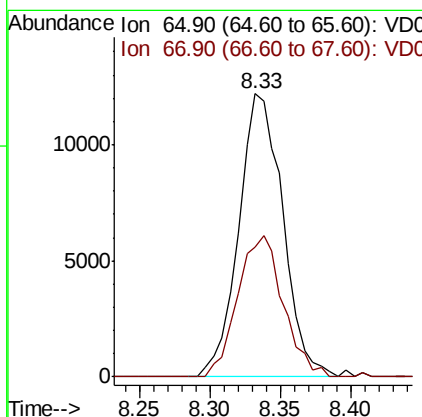
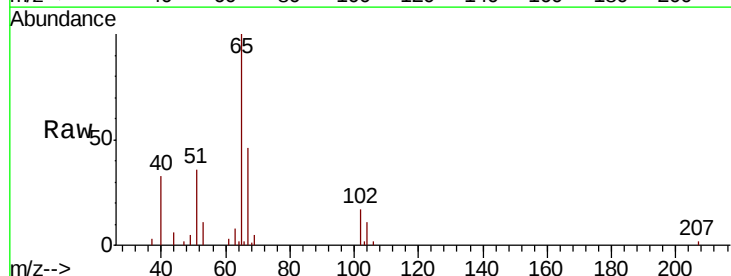
Instrument :
MSVOA_D
ClientSampleId :

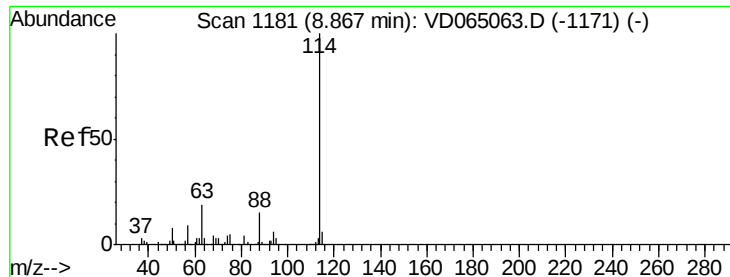
Tot Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 31.8 47.6#



#33
1,2-Dichloroethane-d4
Concen: 85.022 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Tgt Ion: 65 Resp: 26642
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

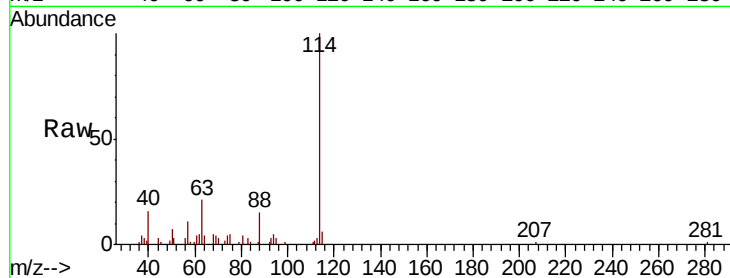




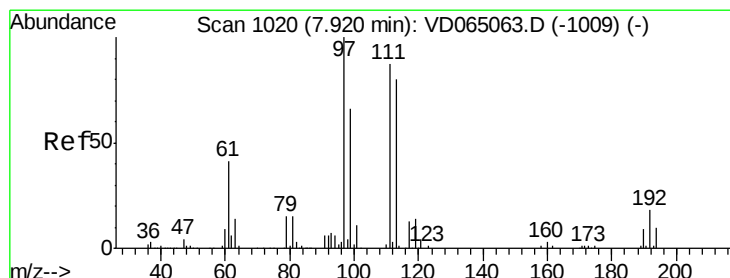
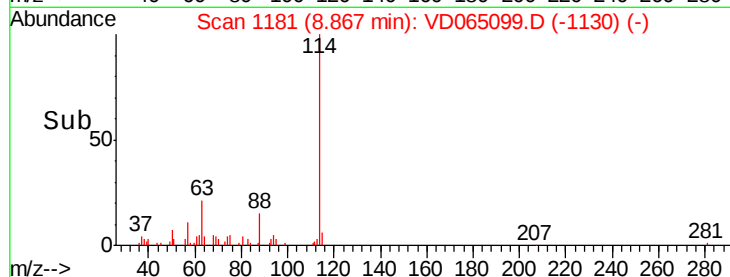
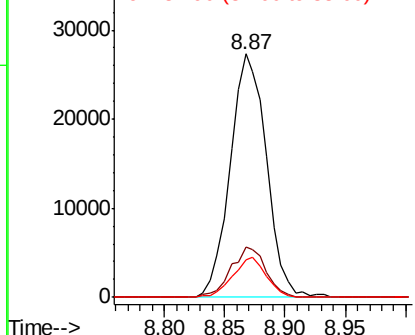
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065099.D
 Acq: 06 Feb 2020 21:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 57054
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.8
 88 15.4 0.0 29.6

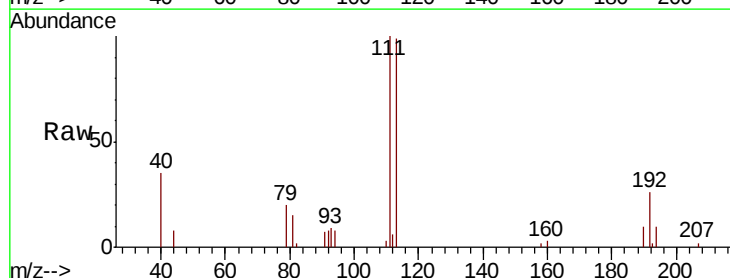


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

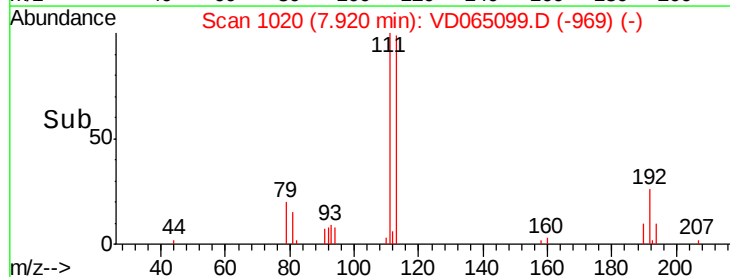
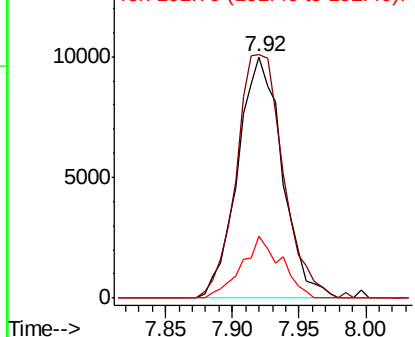


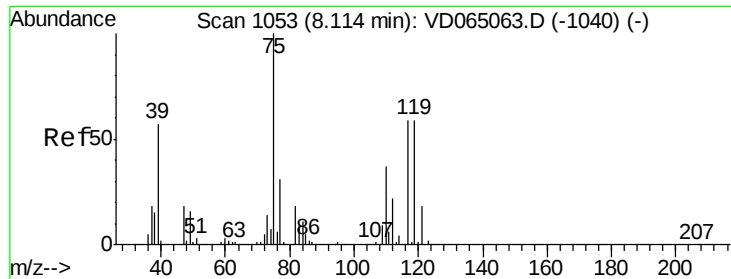
#35
 Dibromofluoromethane
 Concen: 72.520 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065099.D
 Acq: 06 Feb 2020 21:10

Tgt Ion:113 Resp: 23085
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.1 124.7
 192 22.9 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: 5.949 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampled :

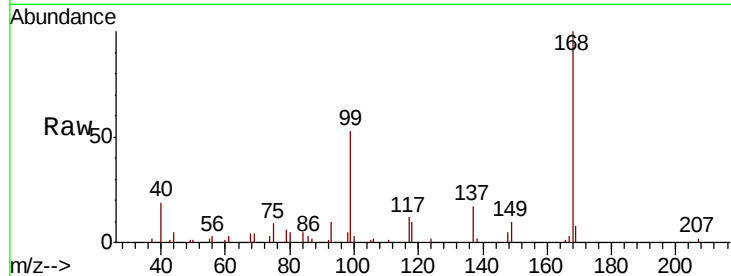
Tot Ion: 75 Resp: 3156

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.3#

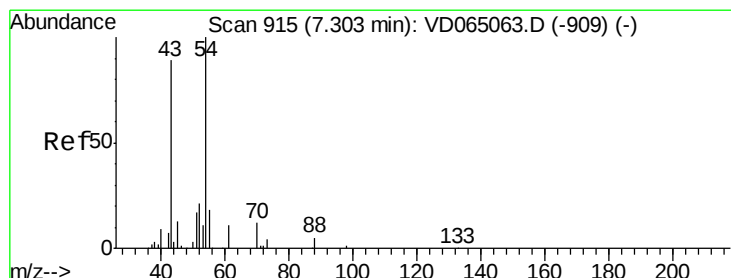
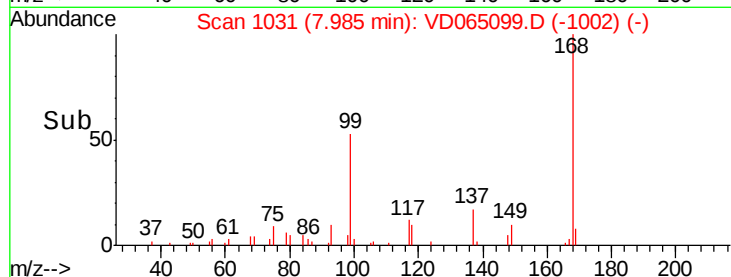
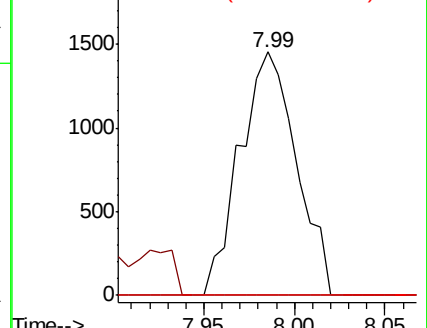
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#37

Ethyl Acetate

Concen: 1.269 ug/l

RT: 7.24 min Scan# 904

Delta R.T. -0.06 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

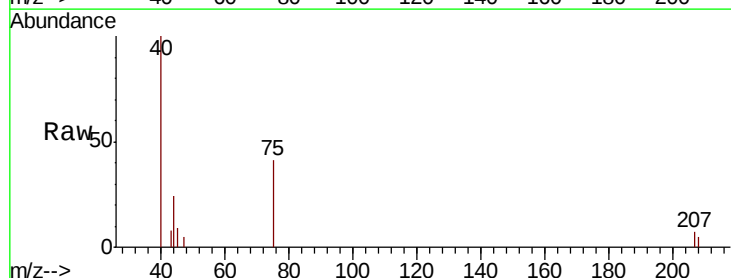
Tgt Ion: 43 Resp: 275

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

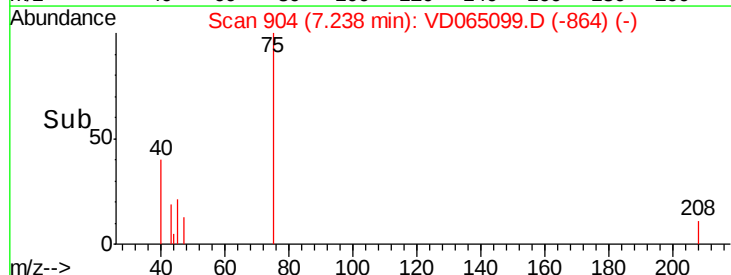
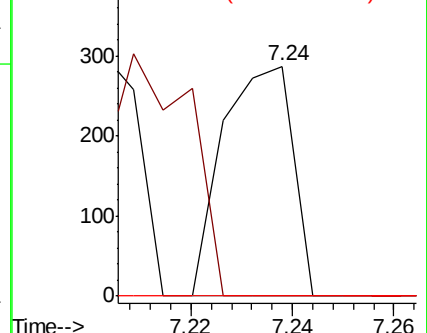
70 0.0 8.2 12.2#

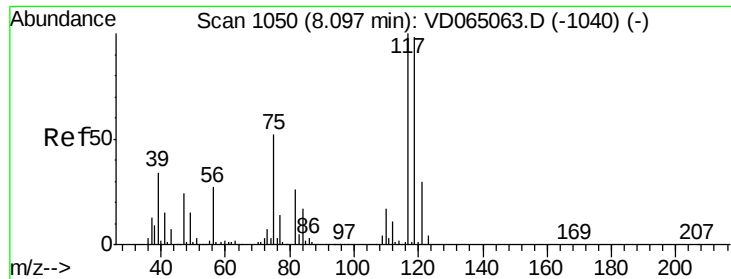


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 6.677 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampleId :

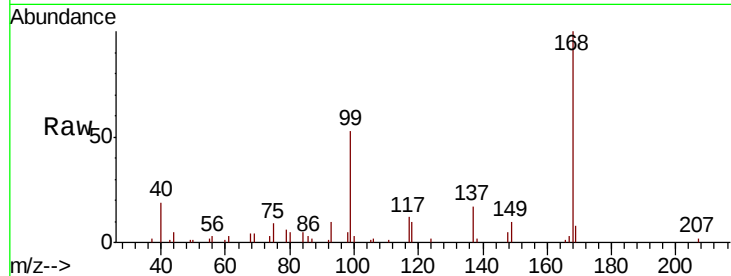
Tot Ion:117 Resp: 3618

Ion Ratio Lower Upper

117 100

119 0.0 78.5 117.7#

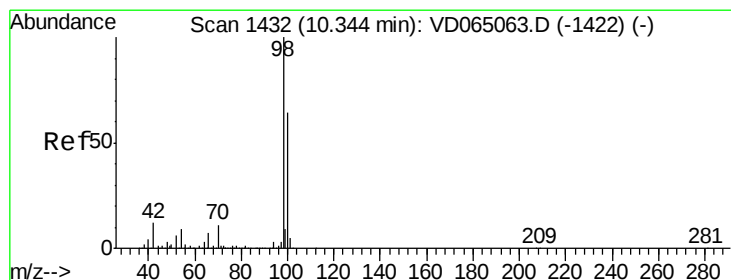
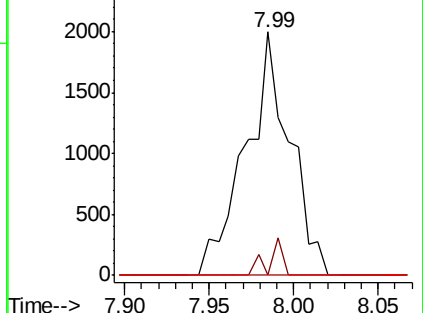
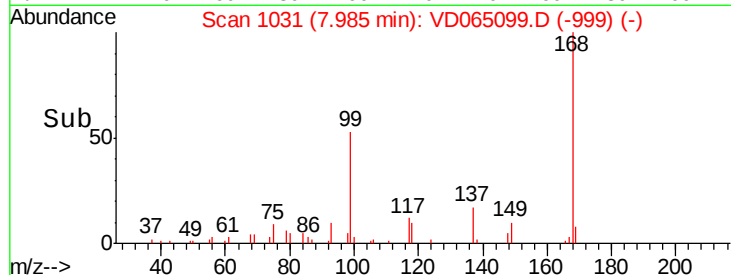
121 0.0 23.8 35.6#



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: 55.172 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065099.D

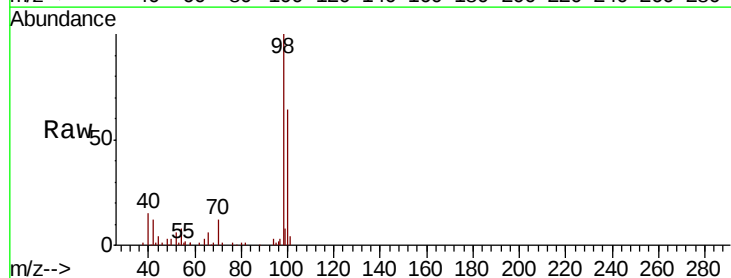
Acq: 06 Feb 2020 21:10

Tgt Ion: 98 Resp: 69905

Ion Ratio Lower Upper

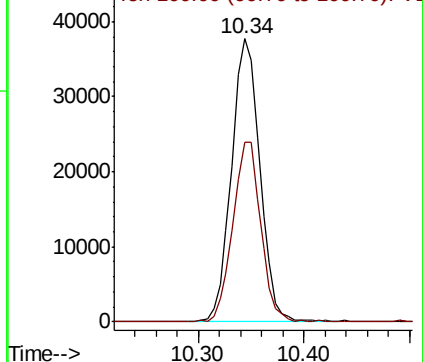
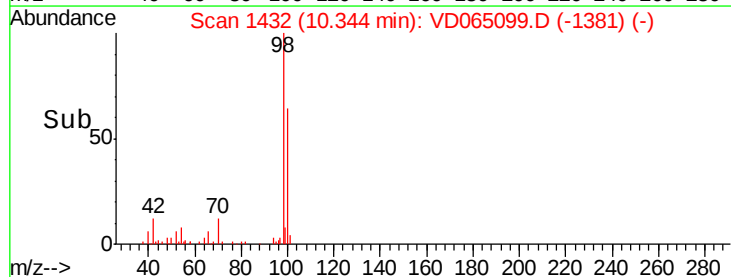
98 100

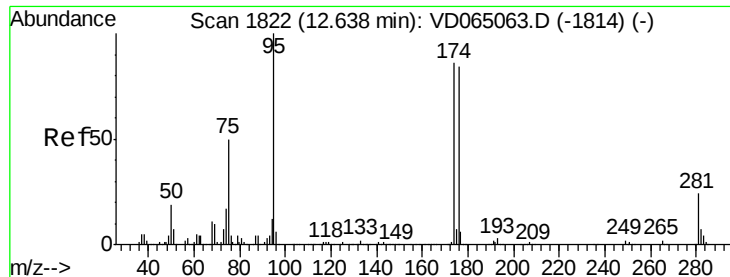
100 62.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

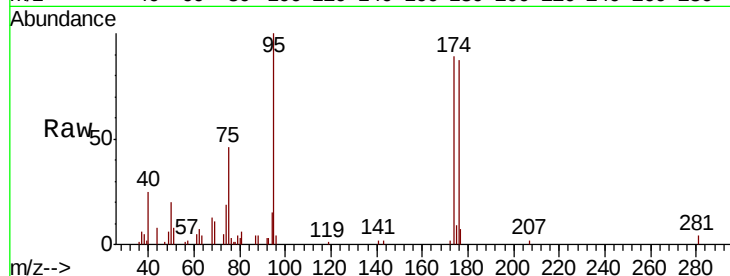




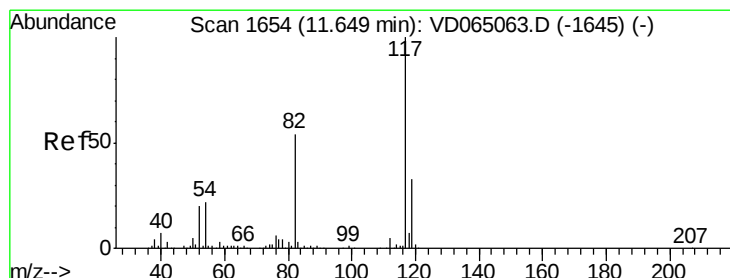
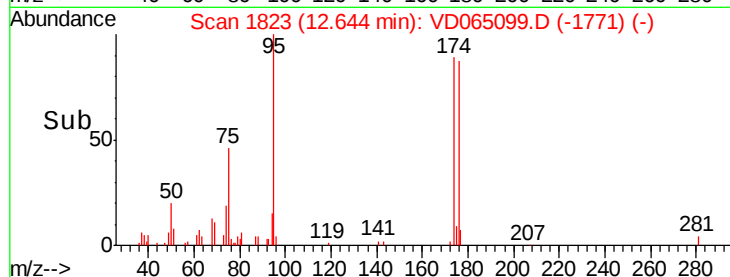
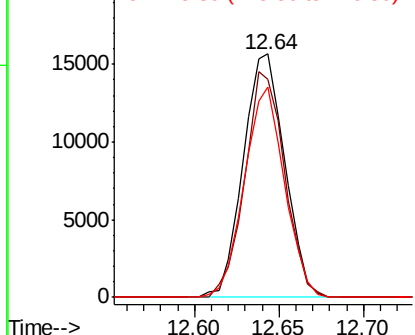
#62
4-Bromofluorobenzene
Concen: 66.532 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 26711
Ion Ratio Lower Upper
95 100
174 89.3 0.0 180.0
176 83.9 0.0 173.2

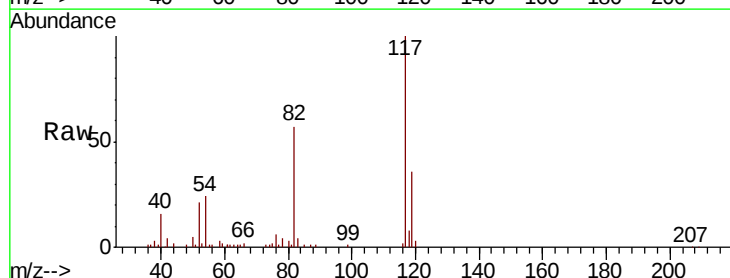


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

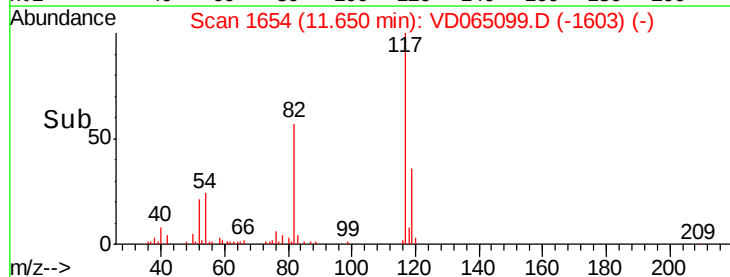
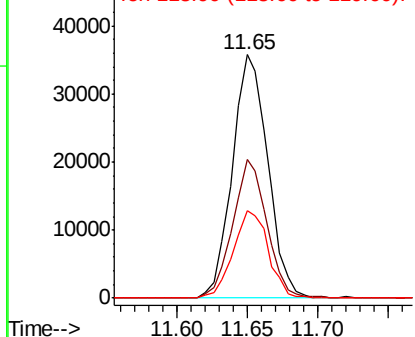


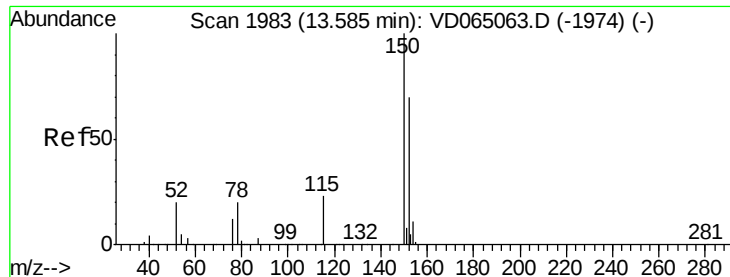
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Tgt Ion: 117 Resp: 62744
Ion Ratio Lower Upper
117 100
82 56.9 43.1 64.7
119 36.1 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



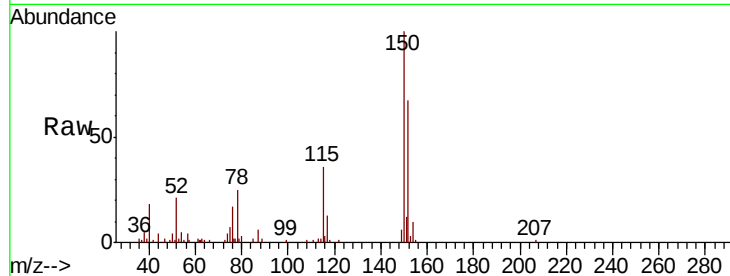


#72

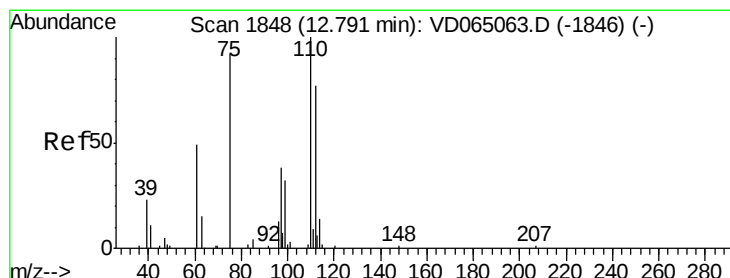
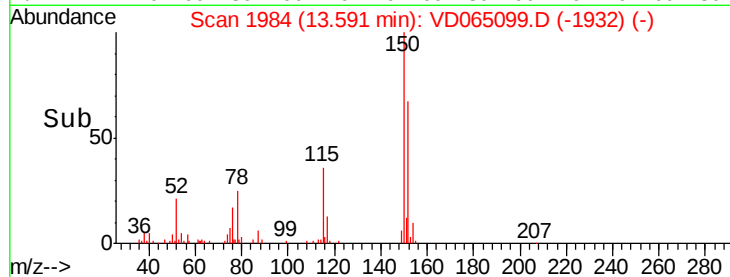
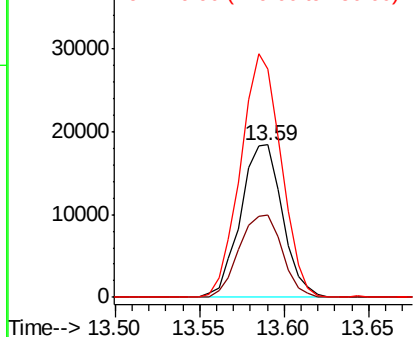
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 31847
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 154.8 0.0 343.2



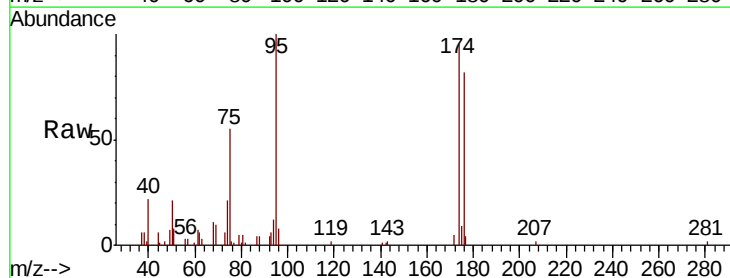
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



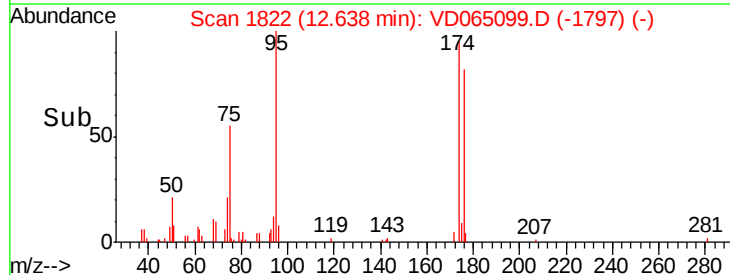
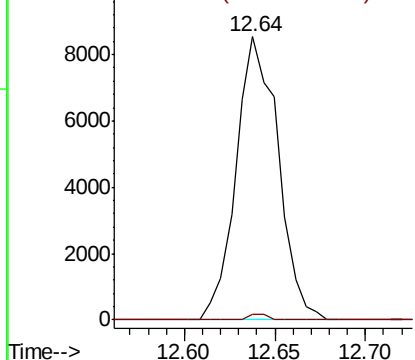
#76

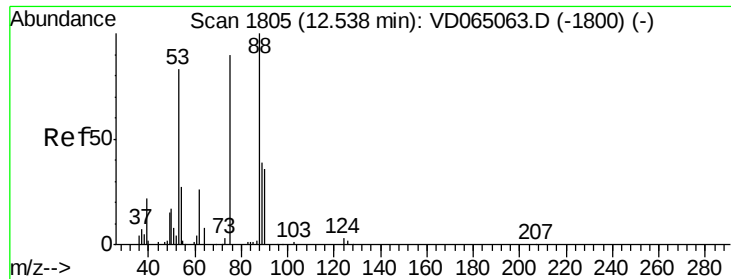
1,2,3-Trichloropropane
Concen: 57.060 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Tgt Ion: 75 Resp: 13758
Ion Ratio Lower Upper
75 100
77 0.9 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: 114.115 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 13758

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#

