

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064921.D
 Acq On : 22 Jan 2020 17:06
 Operator : VA/SY
 Sample : L1214-04
 Misc : 4.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 23:18:28 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

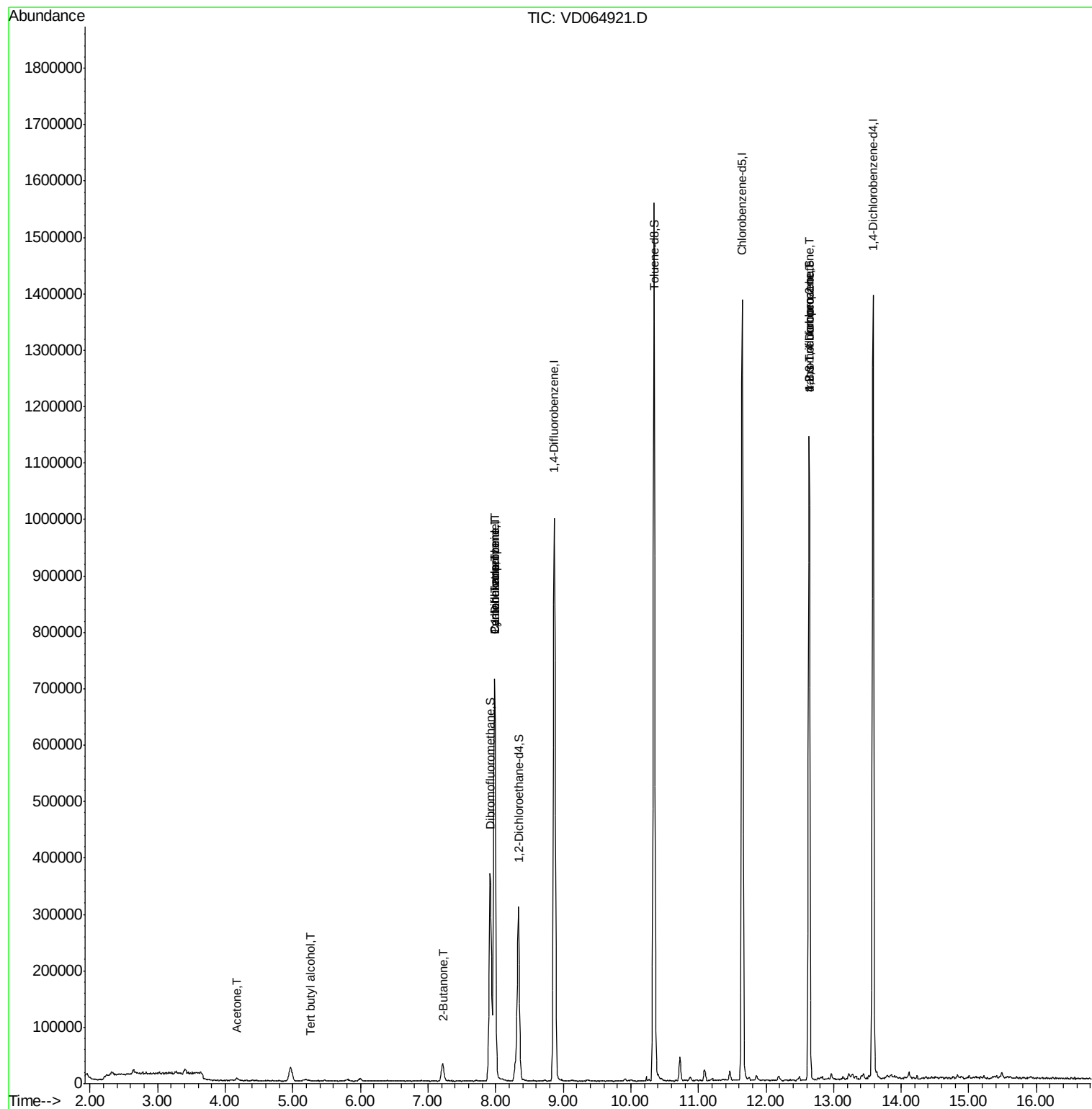
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	538693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	860428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	788413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	369777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	246294	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.92	113	258111	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.34	98	1033275	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.64	95	332778	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	756	2.777	ug/l #	70
16) Acetone	4.17	43	8846	11.980	ug/l	91
20) Methylene Chloride	4.97	84	17660	Below Cal		96
25) 2-Butanone	7.23	43	2959	2.266	ug/l #	75
31) Cyclohexane	7.99	56	12949	1.462	ug/l #	29
36) 1,1-Dichloropropene	7.99	75	41322	4.990	ug/l #	49
38) Carbon Tetrachloride	7.99	117	51140	5.791	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	178930	61.278	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	178930	128.160	ug/l #	10

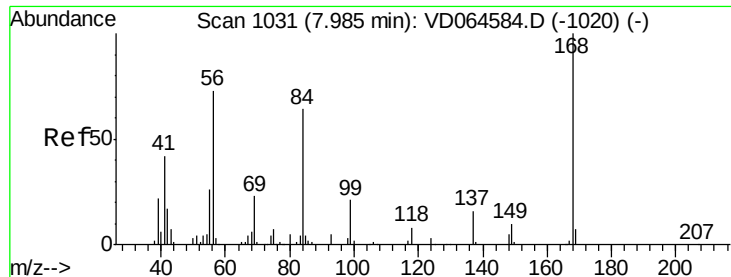
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064921.D
Acq On : 22 Jan 2020 17:06
Operator : VA/SY
Sample : L1214-04
Misc : 4.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 22 23:18:28 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: VD064921.D

Acq: 22 Jan 2020 17:06

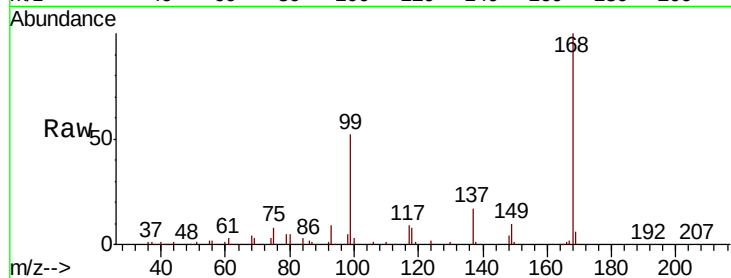
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 538693

Ion Ratio Lower Upper

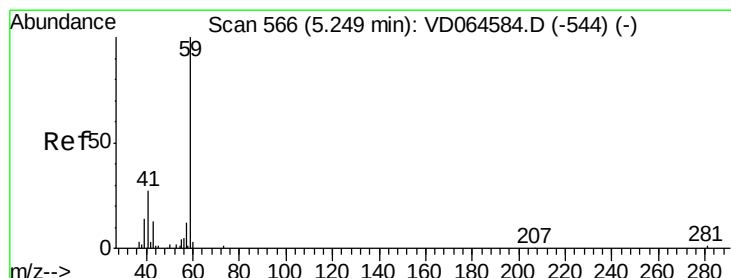
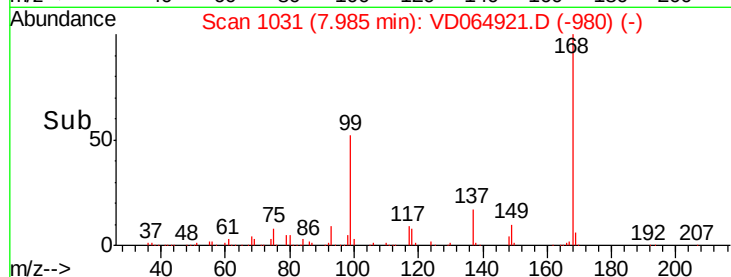
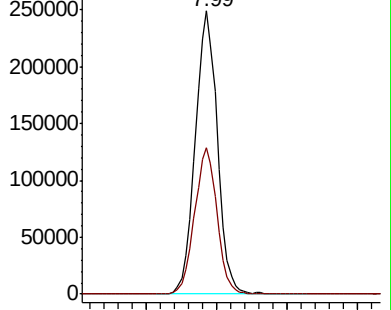
168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 2.777 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.01 min

Lab File: VD064921.D

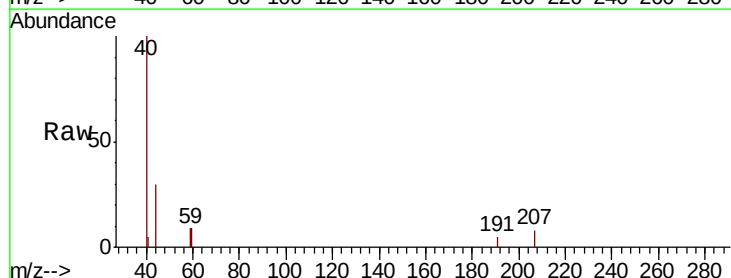
Acq: 22 Jan 2020 17:06

Tgt Ion: 59 Resp: 756

Ion Ratio Lower Upper

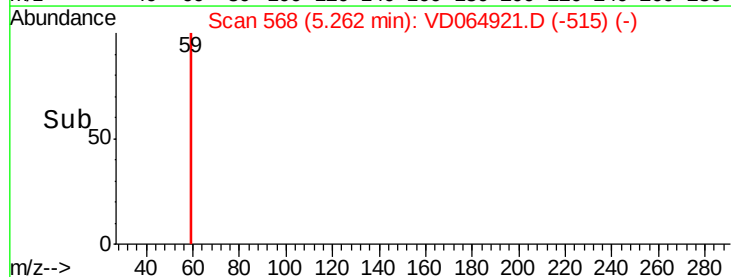
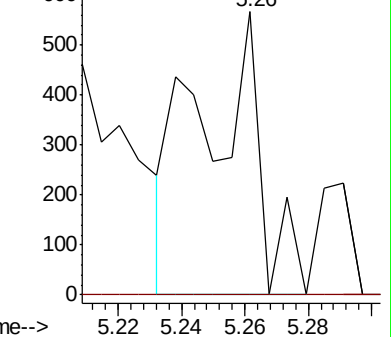
59 100

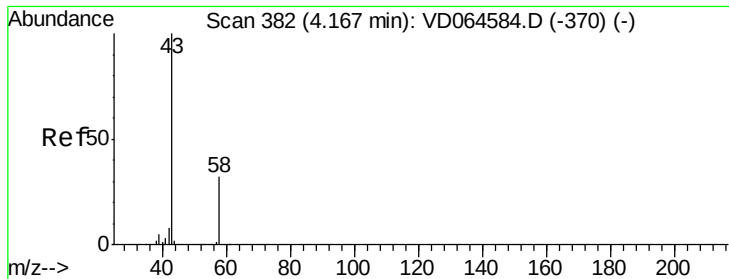
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 11.980 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

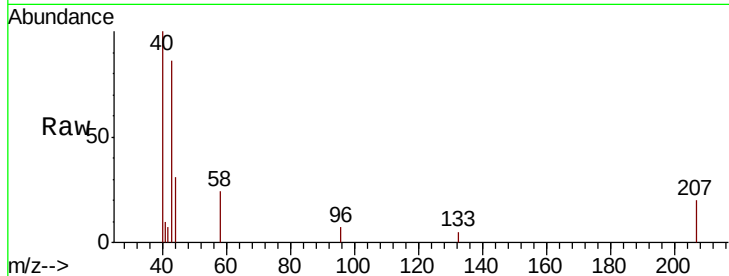
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 8846

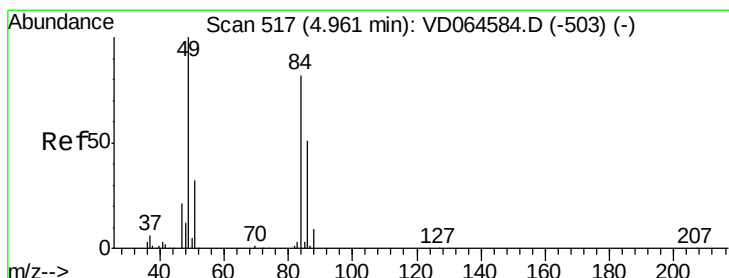
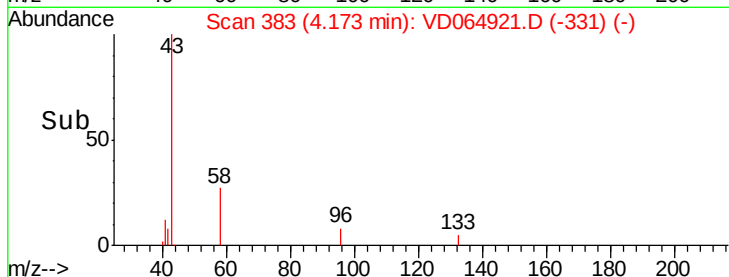
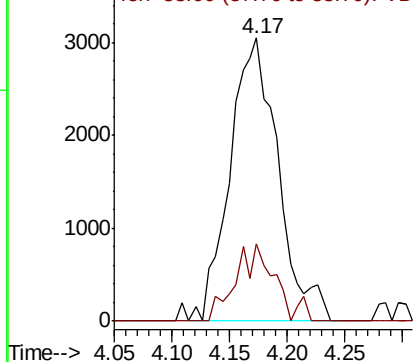
Ion Ratio Lower Upper

43 100

58 27.4 25.8 38.6



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# 518

Delta R.T. 0.01 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

Tgt Ion: 84 Resp: 17660

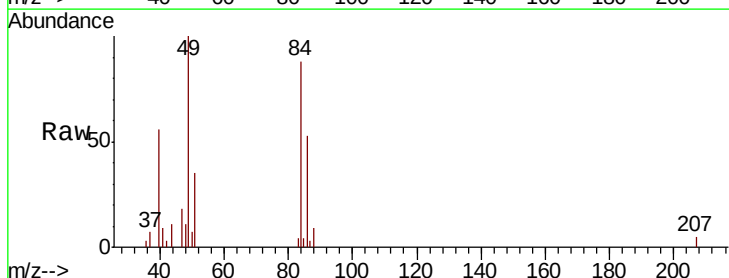
Ion Ratio Lower Upper

84 100

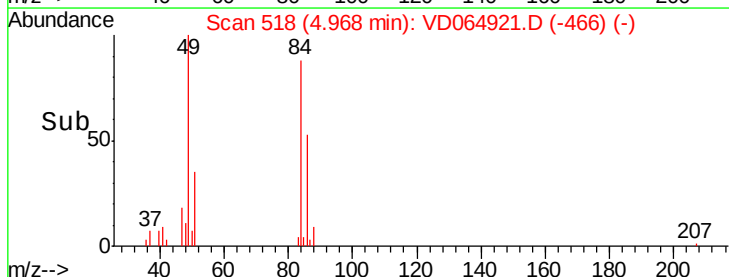
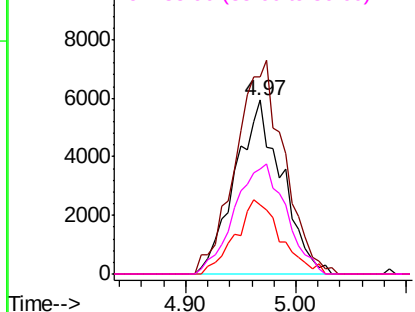
49 113.5 97.2 145.8

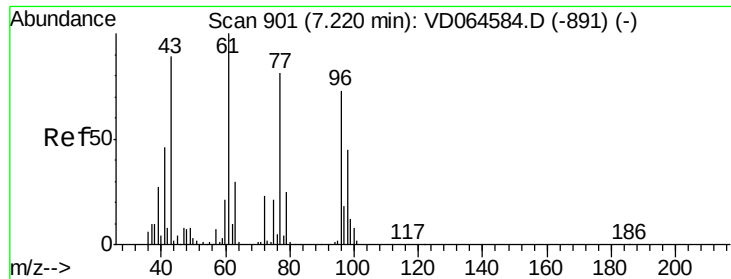
51 39.8 31.4 47.0

86 60.5 49.3 73.9



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

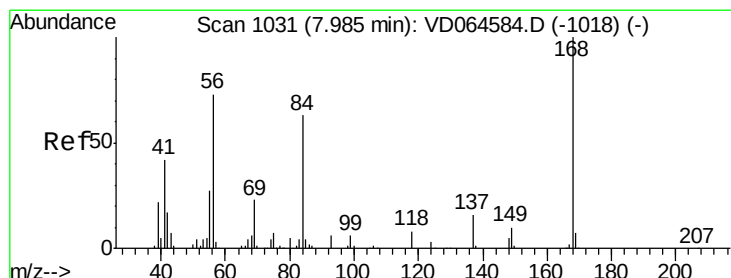
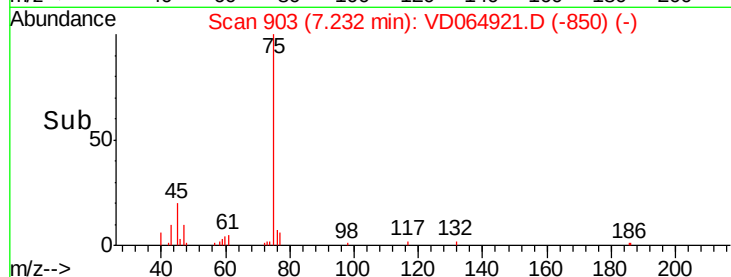
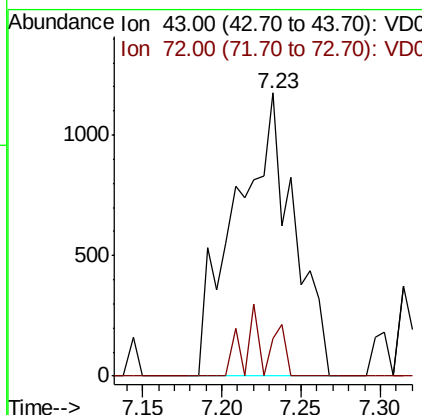
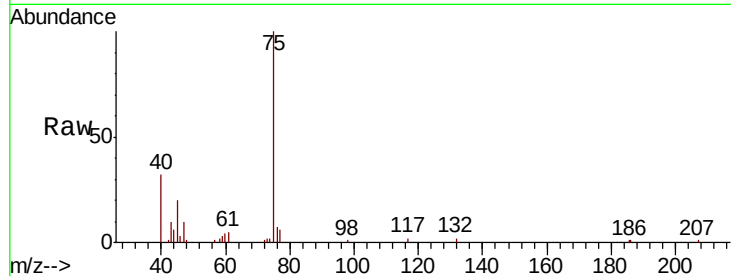




#25
2-Butanone
Concen: 2.266 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

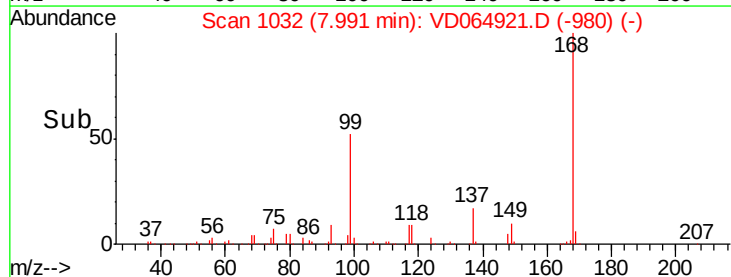
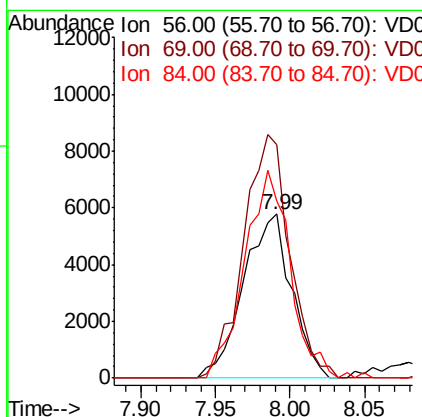
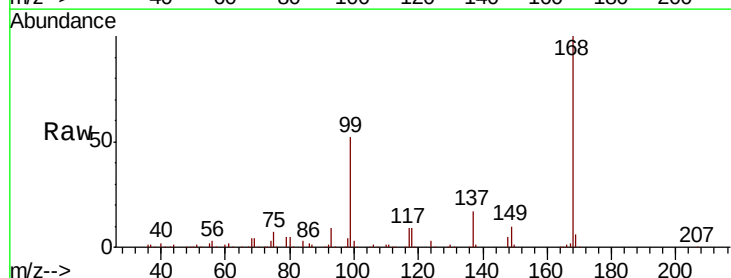
Instrument :
MSVOA_D
ClientSampled :

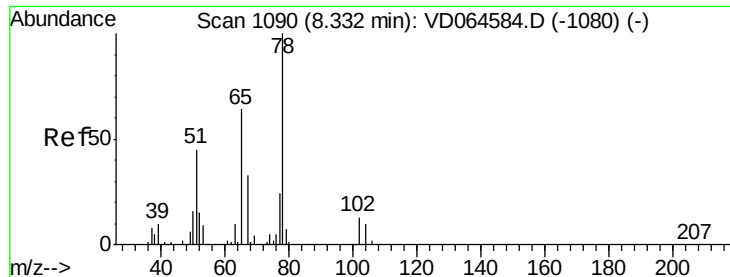
Tot Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
72 13.3 20.7 31.1#



#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

Tgt Ion: 56 Resp: 12949
Ion Ratio Lower Upper
56 100
69 142.6 24.7 37.1#
84 108.2 69.4 104.2#

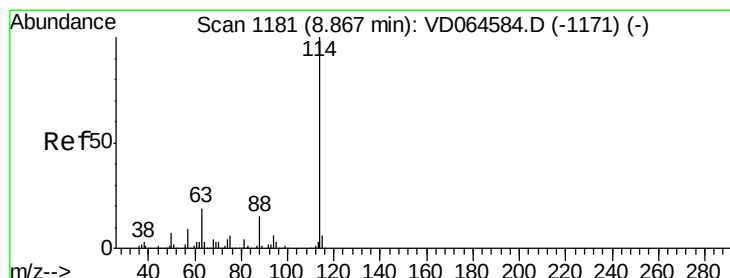
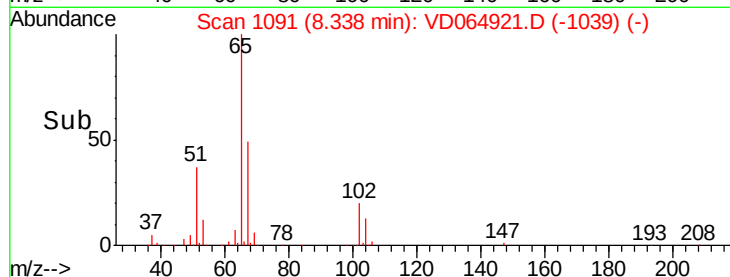
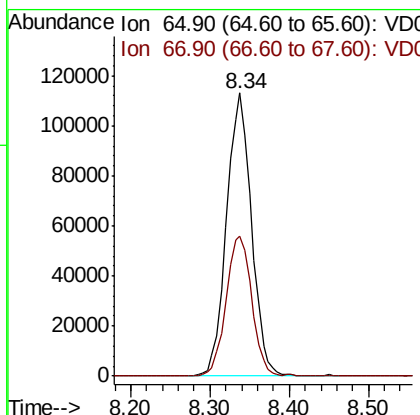
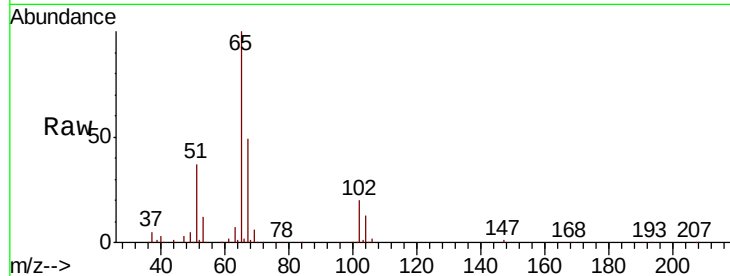




#33
 1,2-Dichloroethane-d4
 Concen: 51.850 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

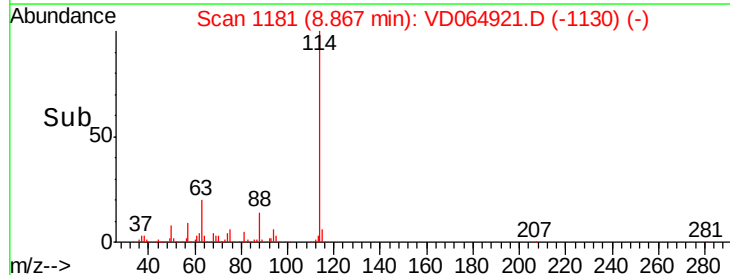
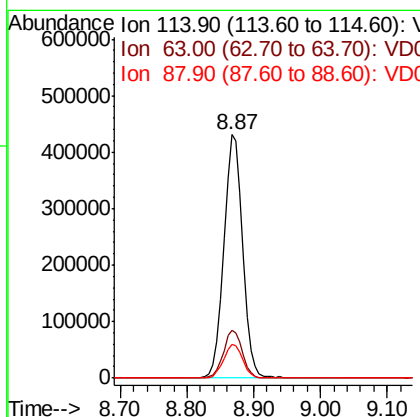
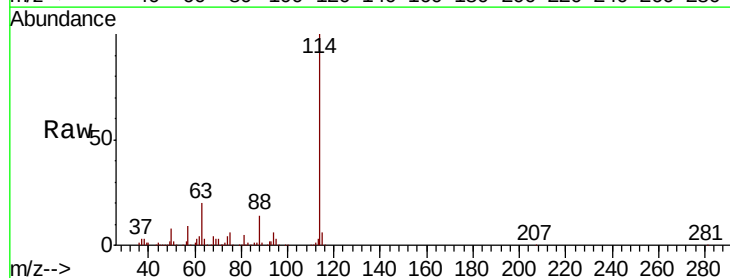
Instrument :
 MSVOA_D
 ClientSampleId :

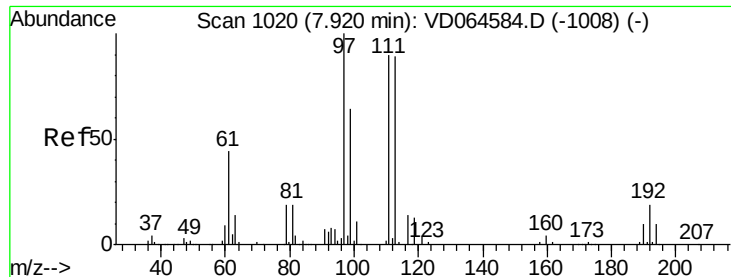
Tot Ion: 65 Resp: 246294
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

Tgt Ion: 114 Resp: 860428
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.1 0.0 29.2

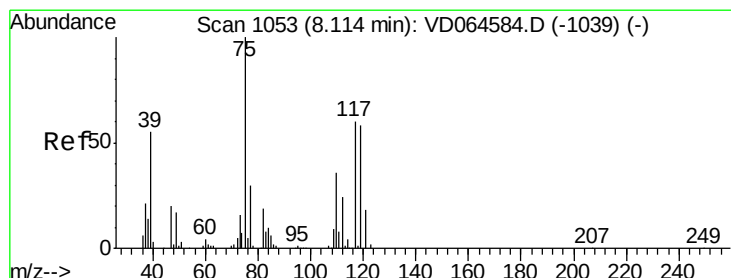
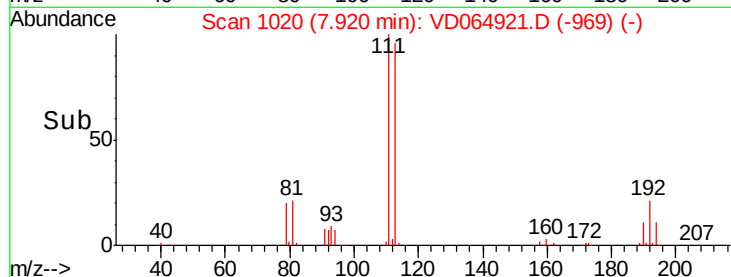
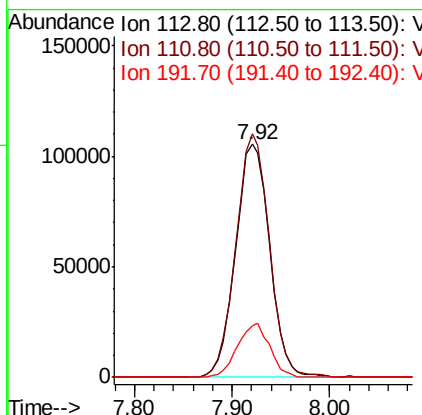
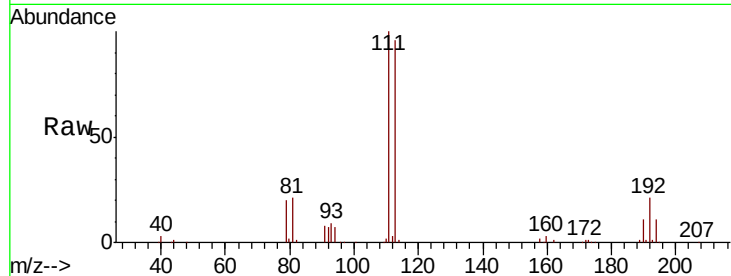




#35
 Dibromofluoromethane
 Concen: 48.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

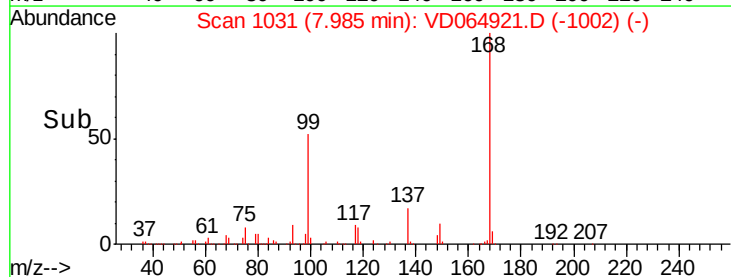
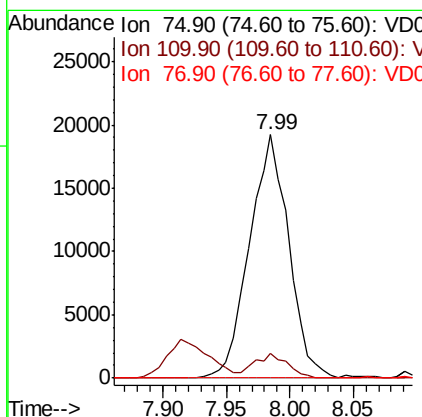
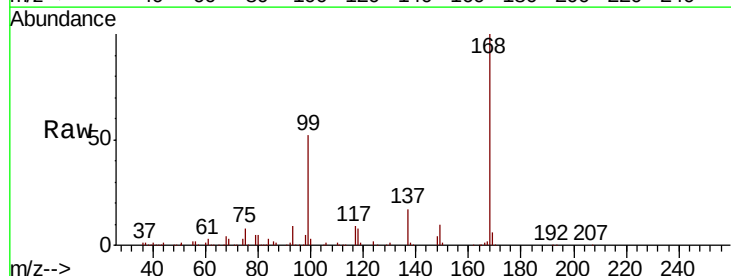
Instrument :
 MSVOA_D
 ClientSampled :

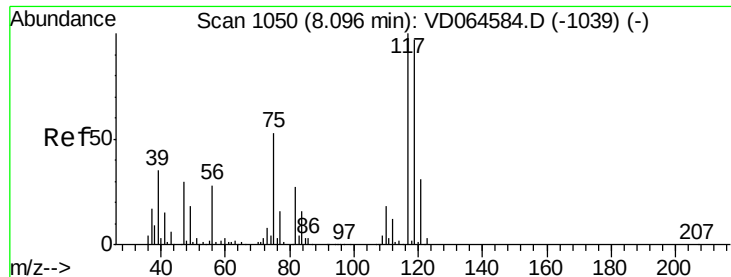
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.6	121.0
192	22.0	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.990 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.1#
77	0.0	24.2	36.4#

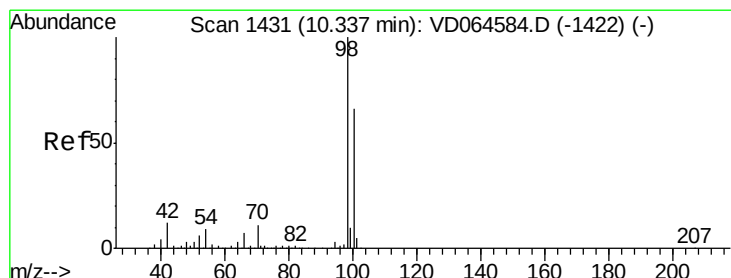
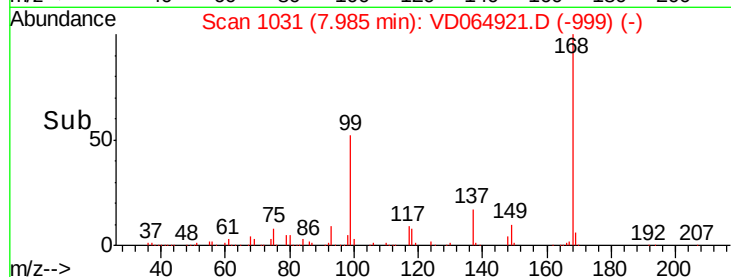
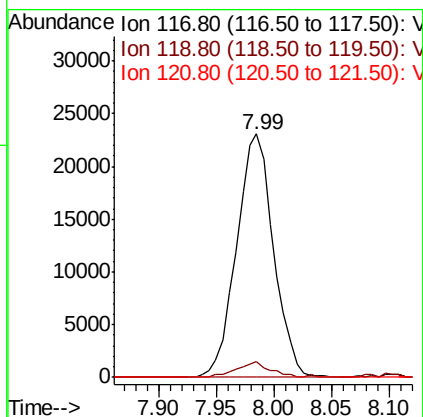
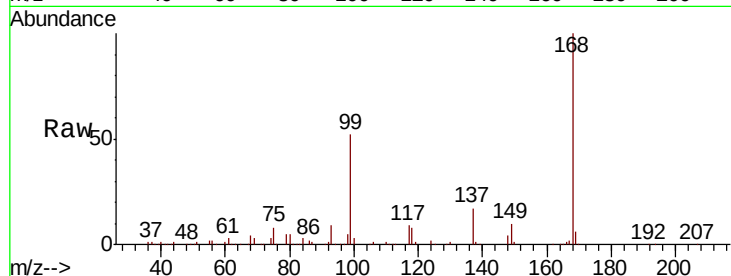




#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

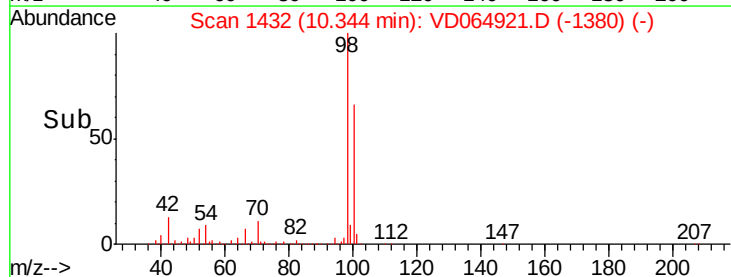
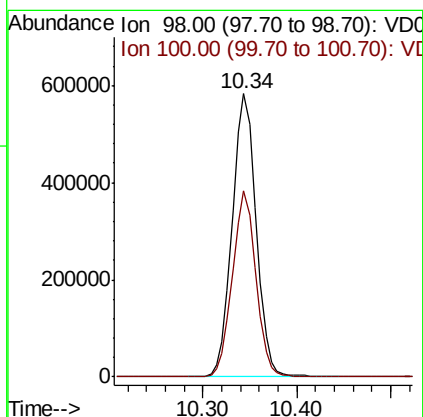
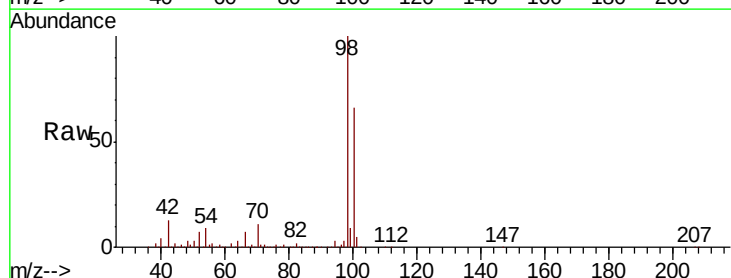
Instrument :
MSVOA_D
ClientSampleId :

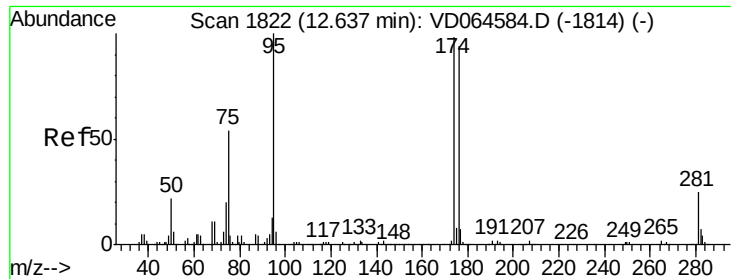
Tot Ion:117 Resp: 51140
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

Tgt Ion: 98 Resp: 1033275
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 52.054 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

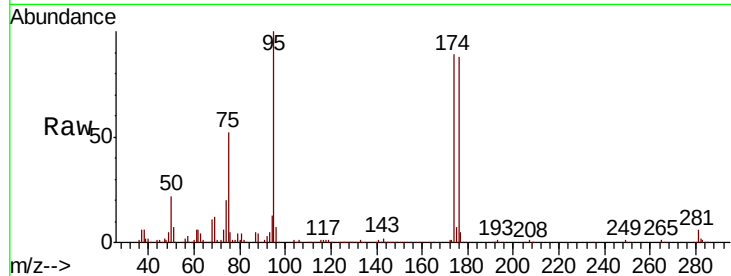
Tot Ion: 95 Resp: 332778

Ion Ratio Lower Upper

95 100

174 92.1 0.0 193.2

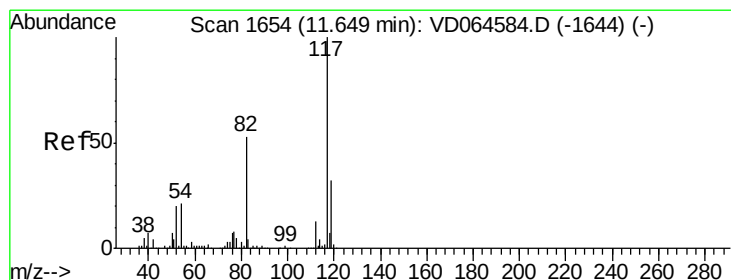
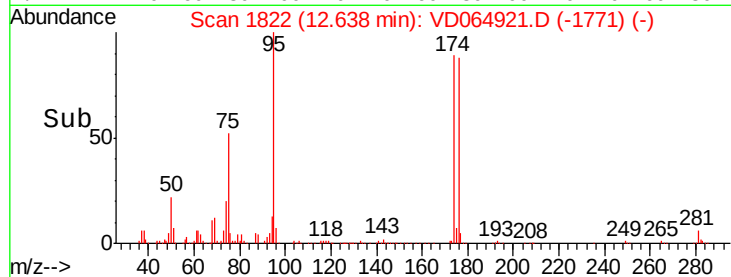
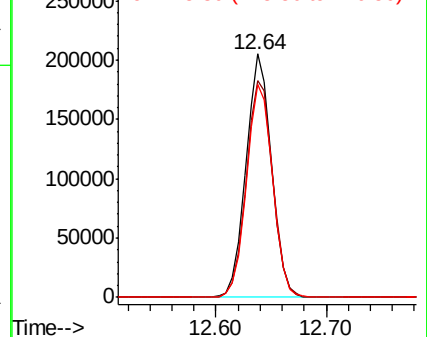
176 89.5 0.0 184.2



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: VD064921.D

Acq: 22 Jan 2020 17:06

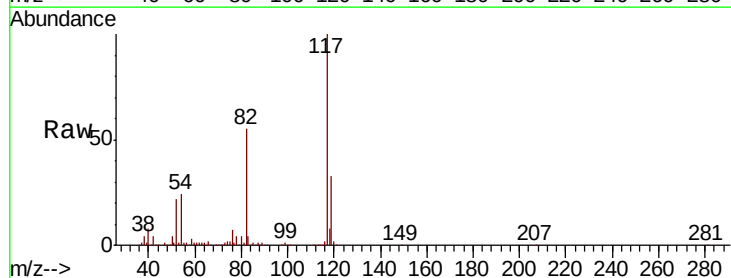
Tgt Ion: 117 Resp: 788413

Ion Ratio Lower Upper

117 100

82 55.4 42.2 63.4

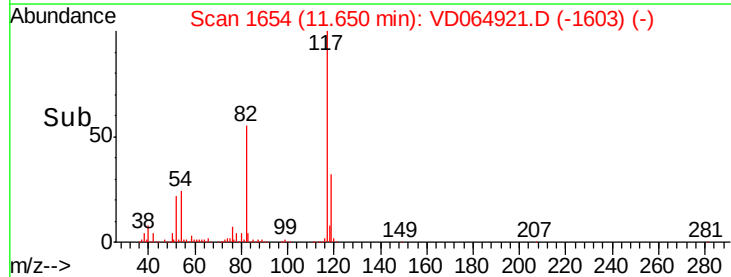
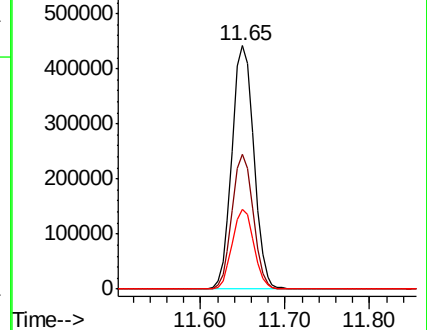
119 32.5 26.0 39.0

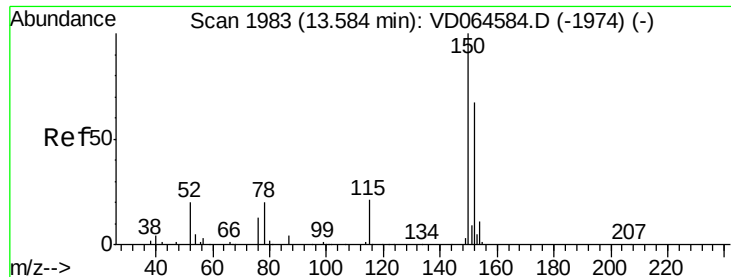


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064921.D

Acq: 22 Jan 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

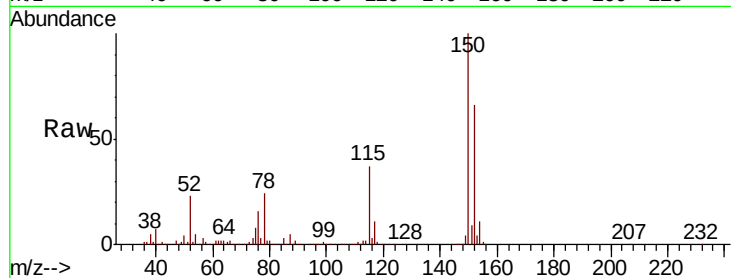
Tot Ion:152 Resp: 369777

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

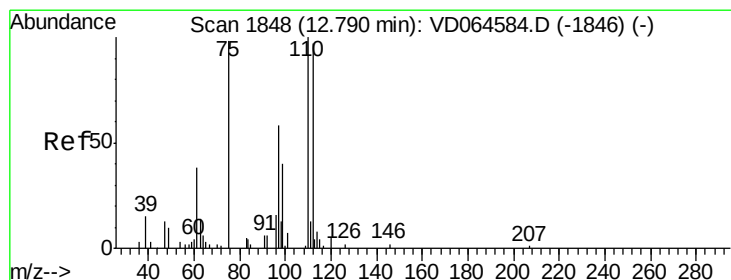
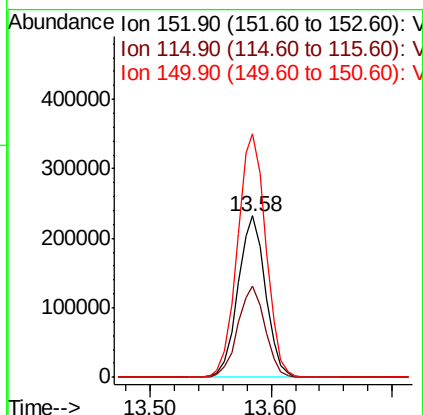
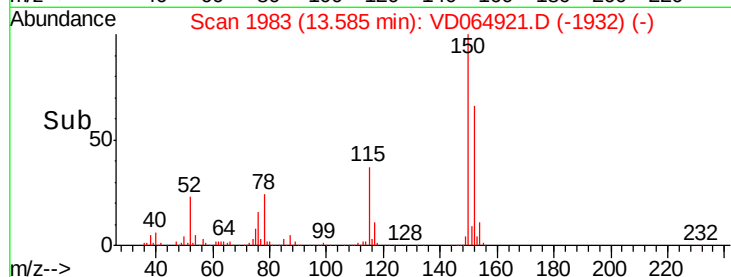
150 154.9 0.0 351.4



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: 61.278 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064921.D

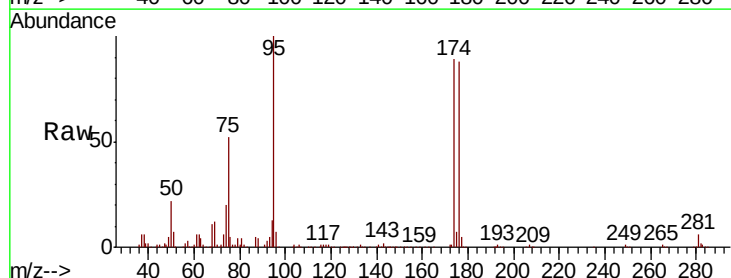
Acq: 22 Jan 2020 17:06

Tgt Ion: 75 Resp: 178930

Ion Ratio Lower Upper

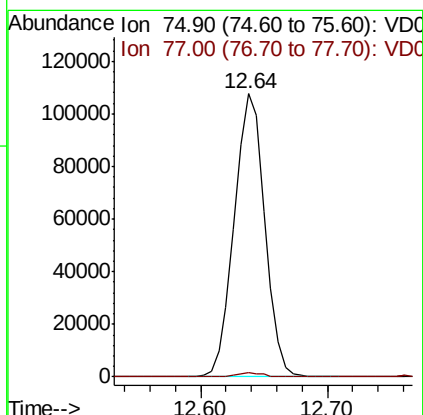
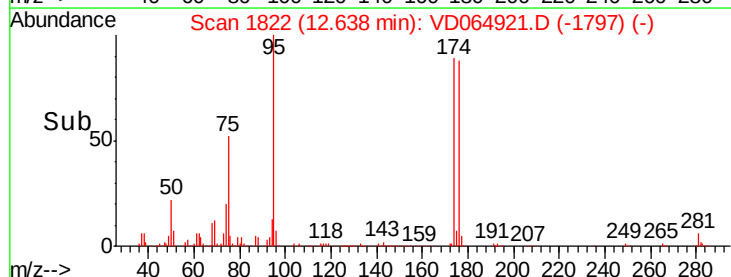
75 100

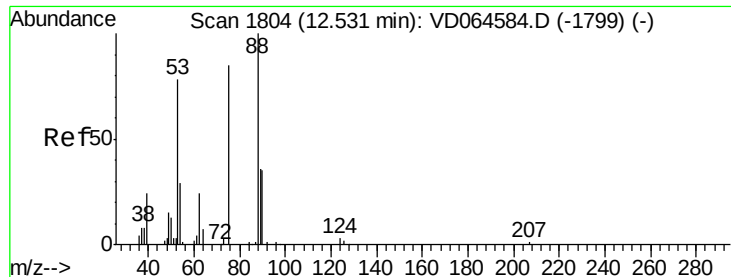
77 1.4 0.0 0.0#



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: 128.160 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 178930

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

