

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064818.D
 Acq On : 09 Jan 2020 15:49
 Operator : VA/SY
 Sample : L1051-05
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 16:20:24 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

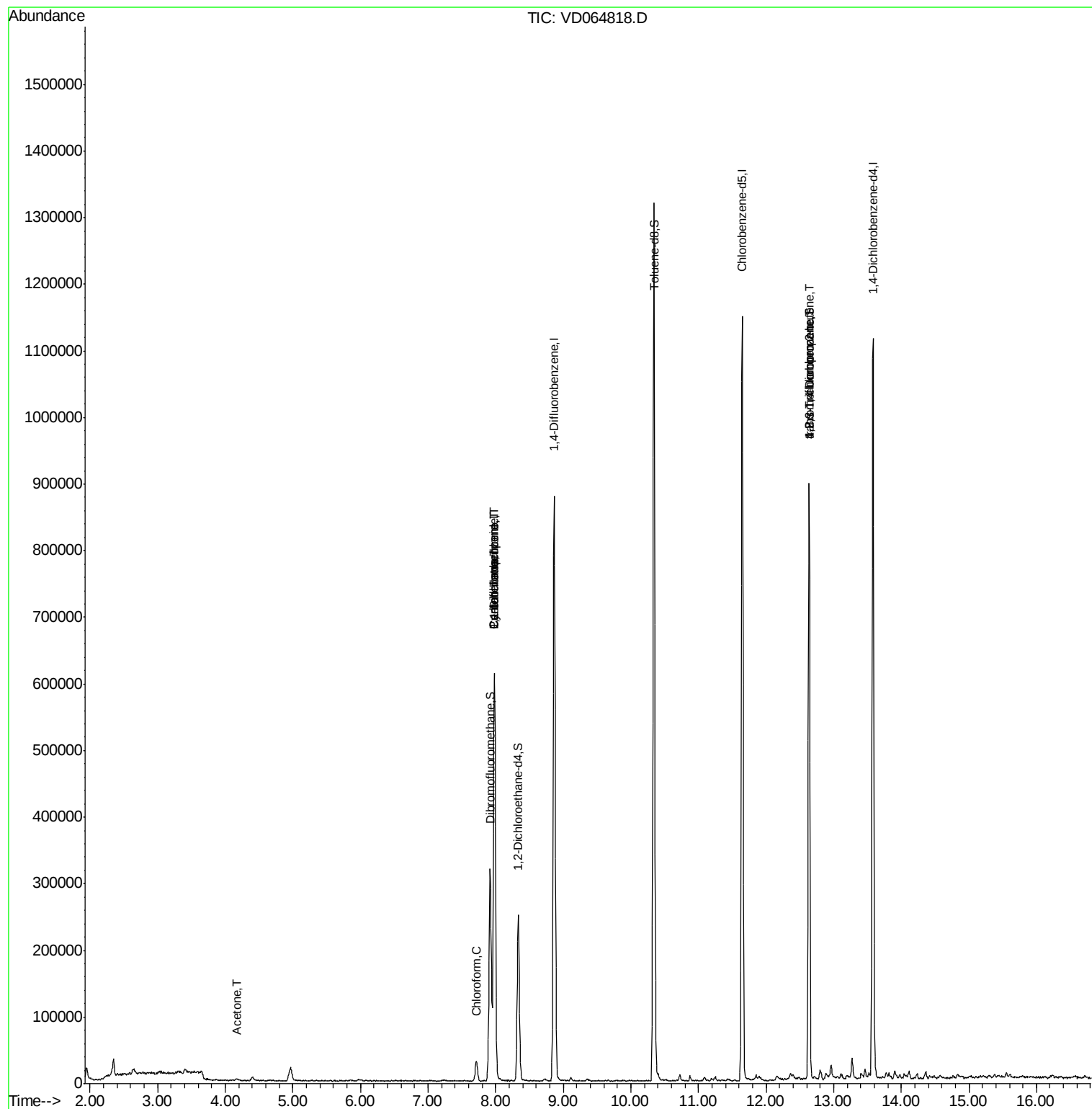
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	476186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	740356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	644308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199857	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.92	113	218178	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.34	98	884396	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.64	95	262443	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	4371	8.540	ug/l #	62
20) Methylene Chloride	4.97	84	15044	Below Cal		93
30) Chloroform	7.71	83	29631	3.611	ug/l	96
31) Cyclohexane	7.98	56	10777	1.377	ug/l #	11
36) 1,1-Dichloropropene	7.98	75	35188	4.938	ug/l #	48
38) Carbon Tetrachloride	7.98	117	47181	6.209	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	141820	60.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	141820	127.533	ug/l #	10

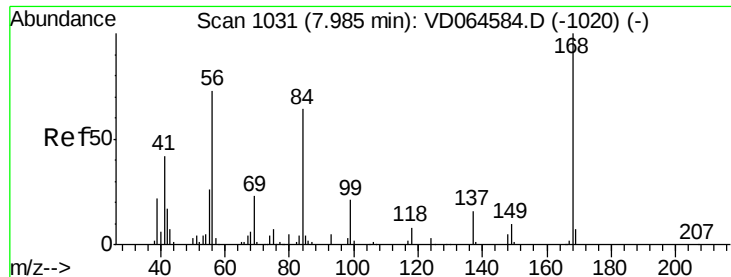
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

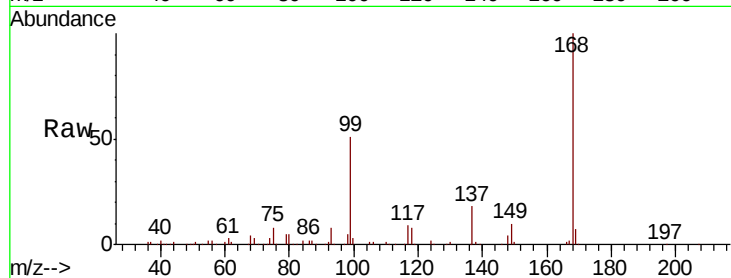
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 476186

Ion Ratio Lower Upper

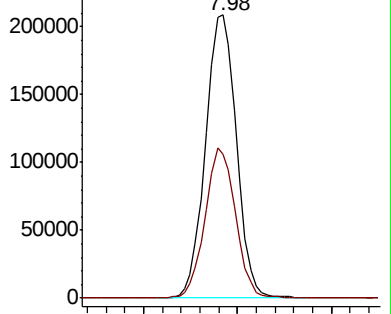
168 100

99 50.7 41.8 62.6

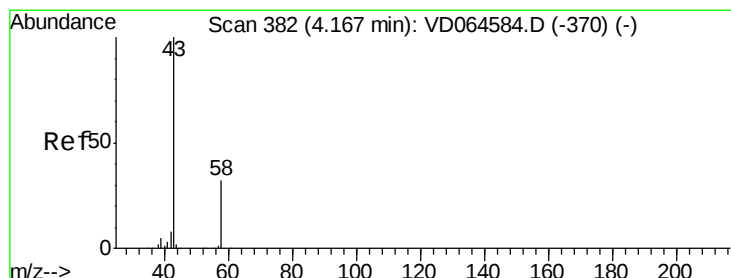
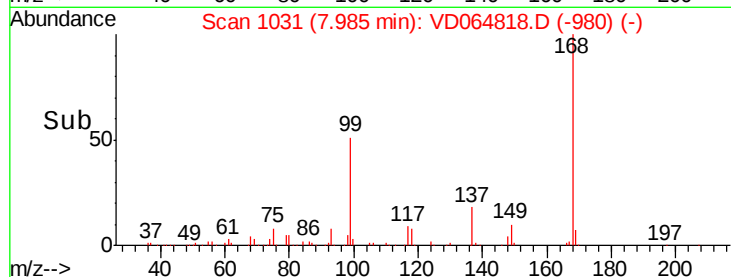


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#16

Acetone

Concen: 8.540 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064818.D

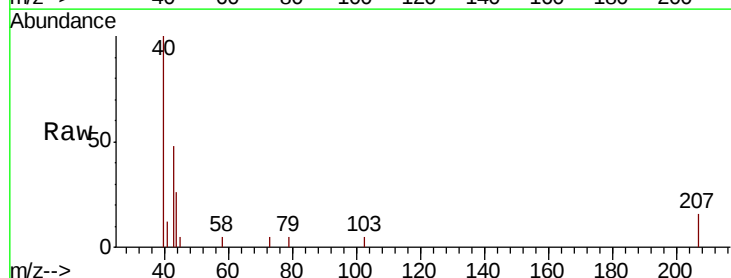
Acq: 09 Jan 2020 15:49

Tgt Ion: 43 Resp: 4371

Ion Ratio Lower Upper

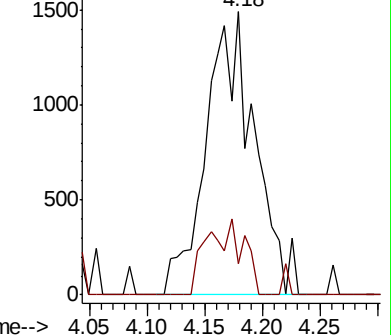
43 100

58 11.2 25.8 38.6#

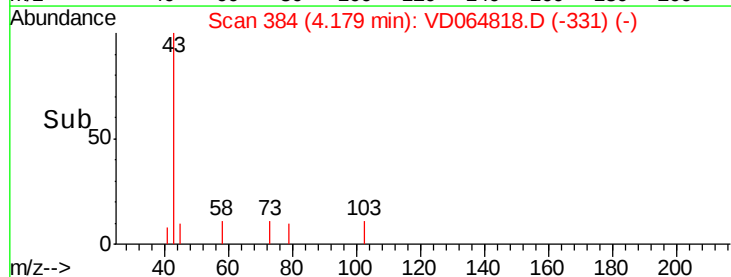


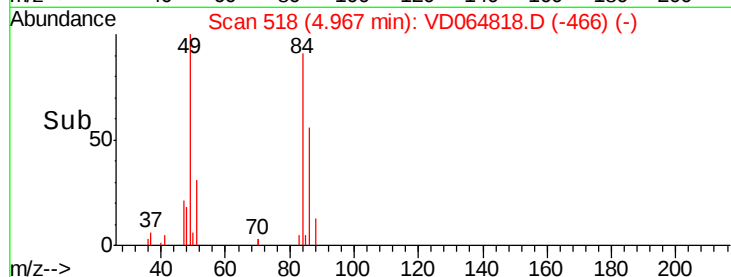
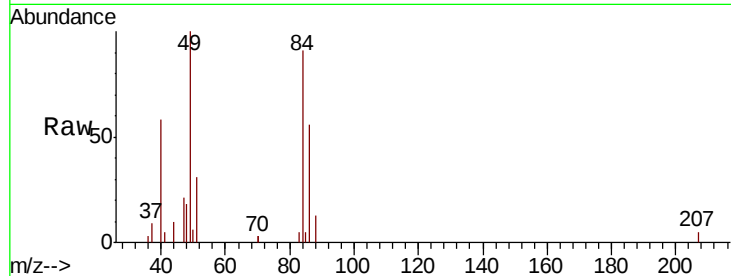
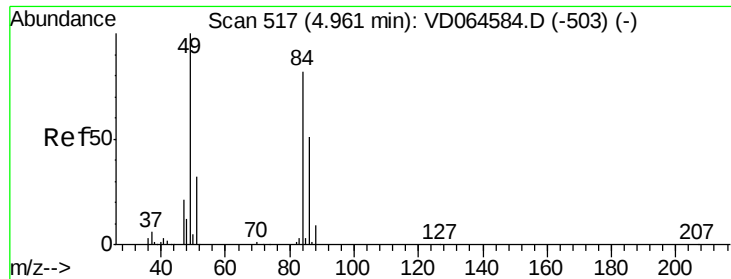
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



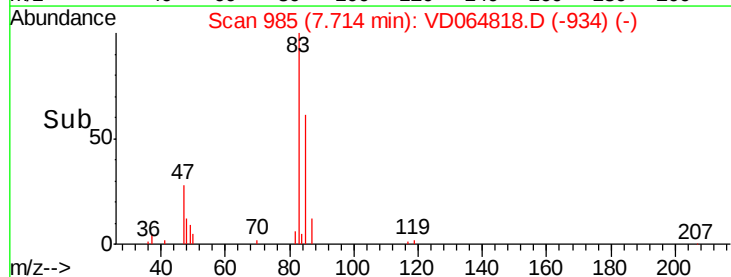
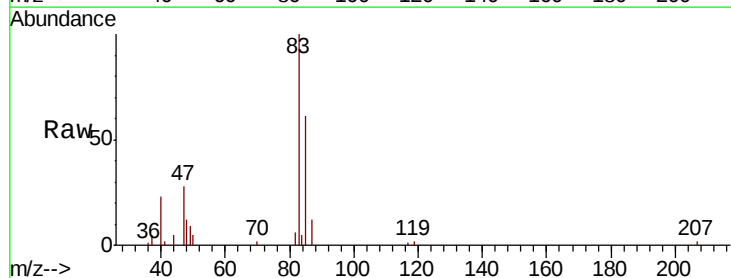
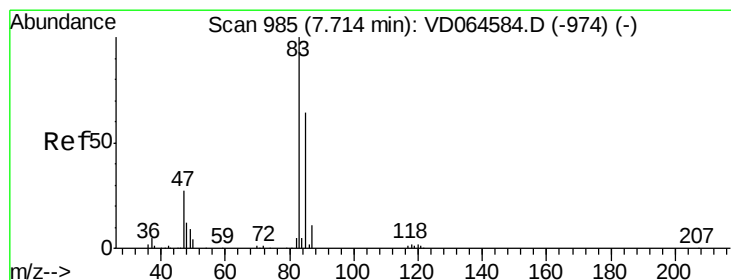
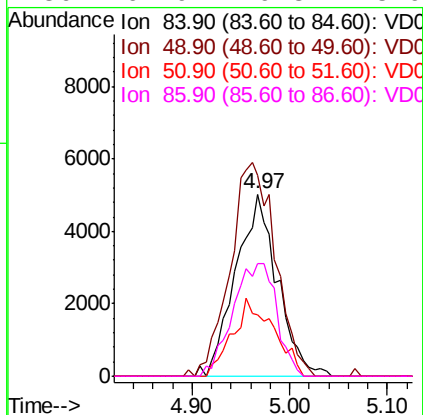
Time-->





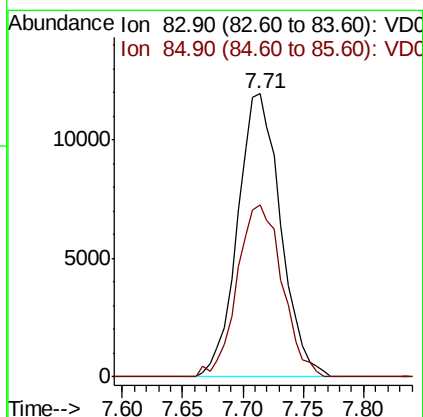
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

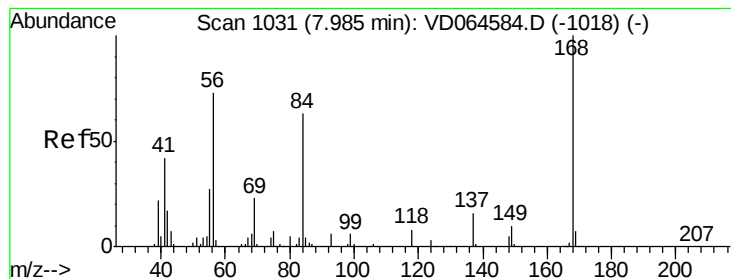
Tot Ion: 84 Resp: 15044
Ion Ratio Lower Upper
84 100
49 110.4 97.2 145.8
51 33.9 31.4 47.0
86 61.9 49.3 73.9



#30
Chloroform
Concen: 3.611 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

Tgt Ion: 83 Resp: 29631
Ion Ratio Lower Upper
83 100
85 60.8 51.1 76.7





#31

Cyclohexane

Concen: 1.377 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

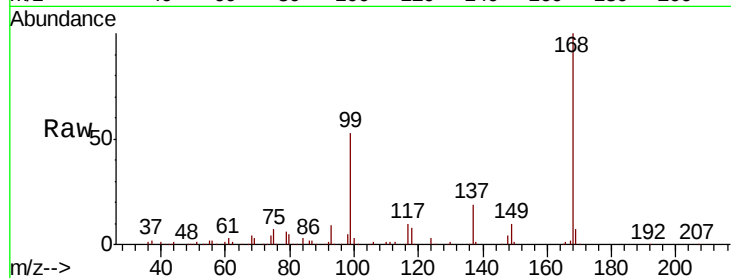
Tot Ion: 56 Resp: 10777

Ion Ratio Lower Upper

56 100

69 148.3 24.7 37.1#

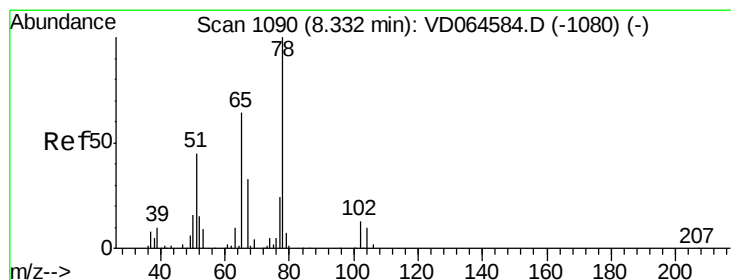
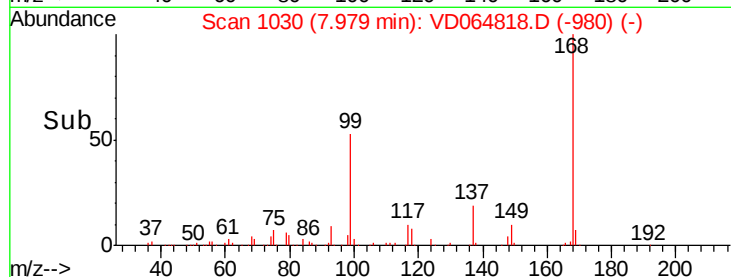
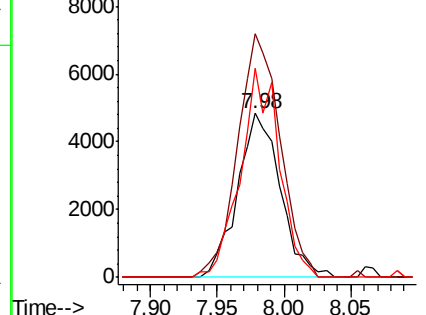
84 127.3 69.4 104.2#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.597 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064818.D

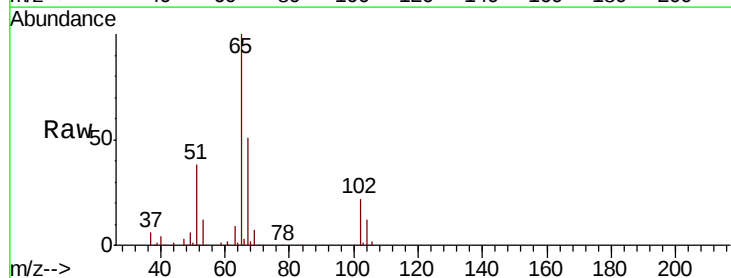
Acq: 09 Jan 2020 15:49

Tgt Ion: 65 Resp: 199857

Ion Ratio Lower Upper

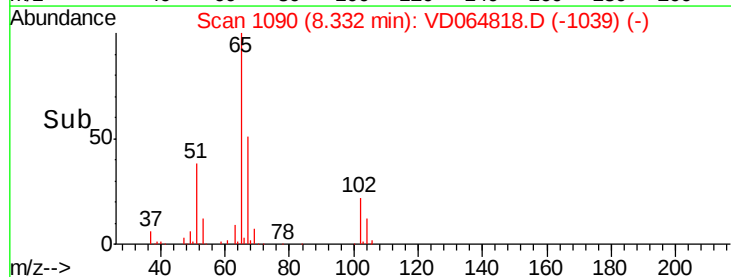
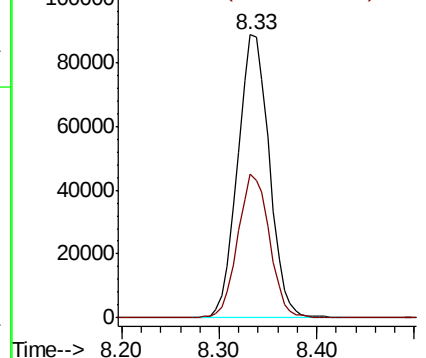
65 100

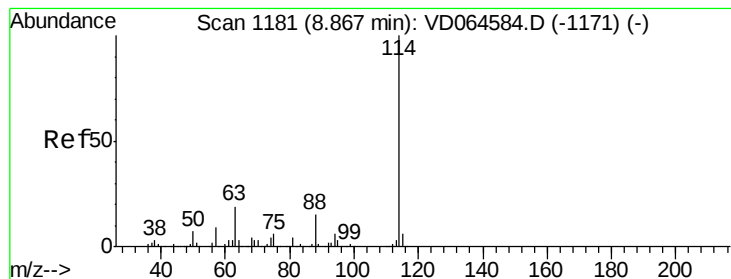
67 50.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

Instrument :

MSVOA_D

ClientSampleId :

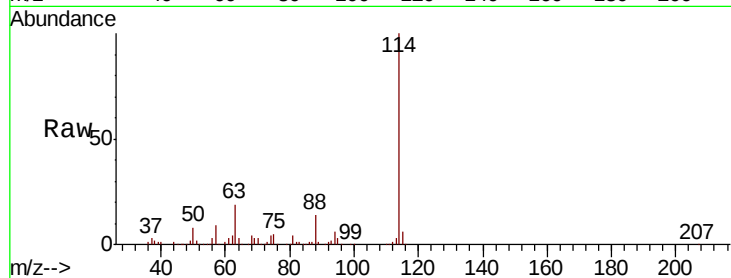
Tot Ion:114 Resp: 740356

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

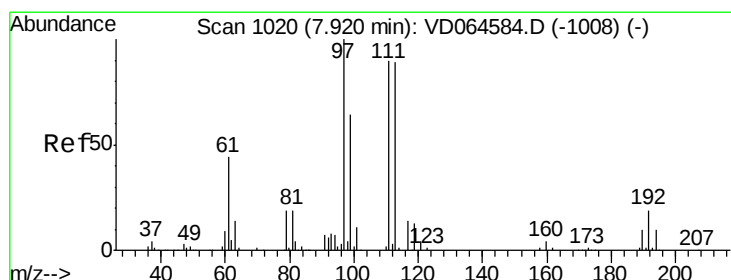
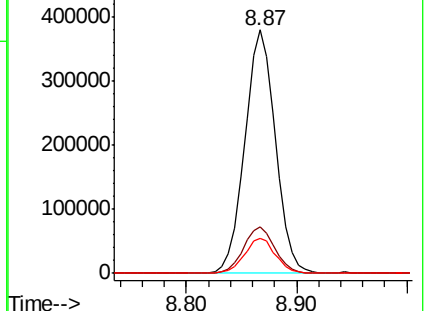
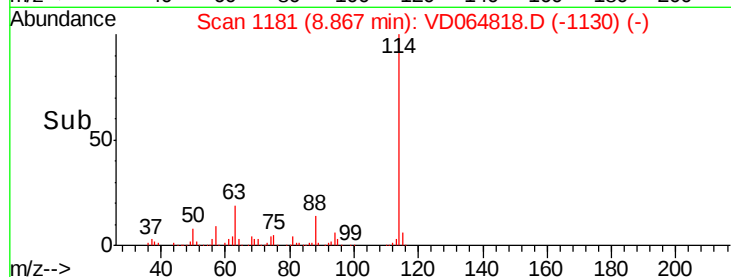
88 14.3 0.0 29.2



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: 48.033 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

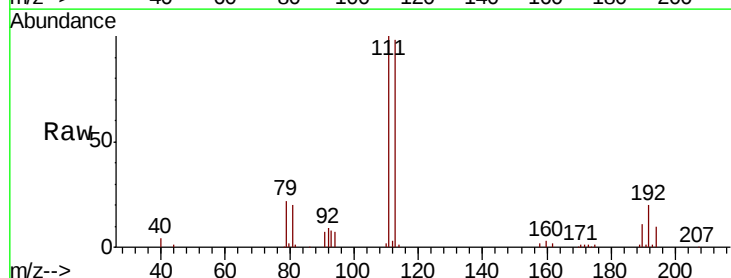
Tgt Ion:113 Resp: 218178

Ion Ratio Lower Upper

113 100

111 103.7 80.6 121.0

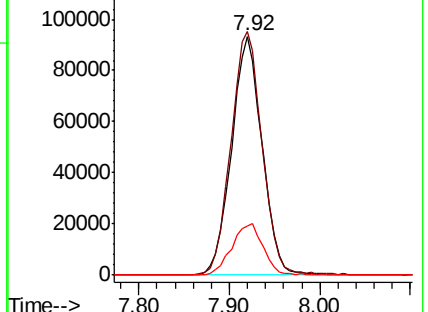
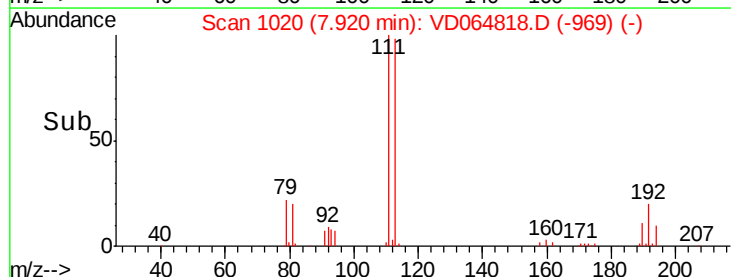
192 22.0 17.9 26.9

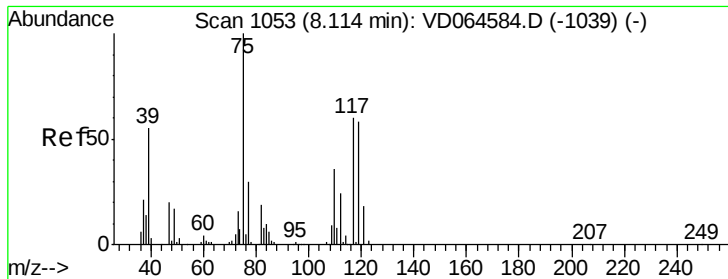


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

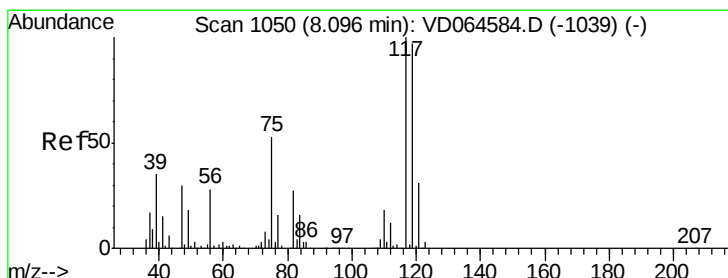
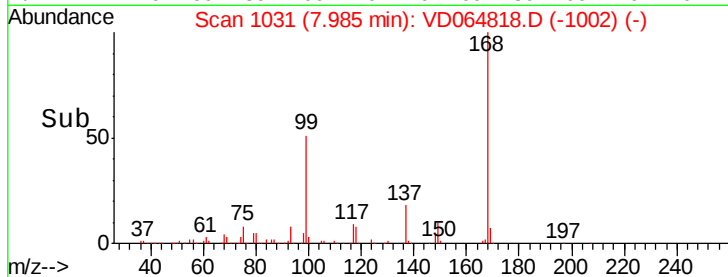
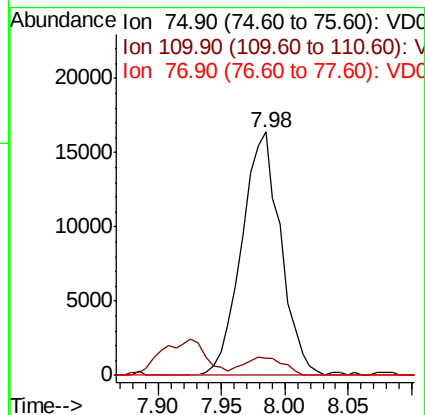
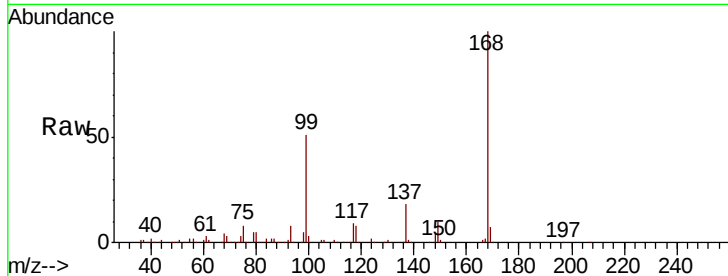




#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064818.D
 Acq: 09 Jan 2020 15:49

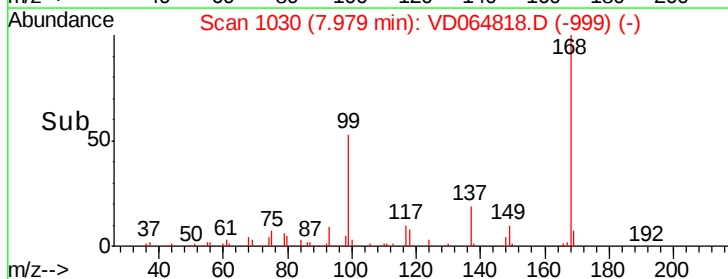
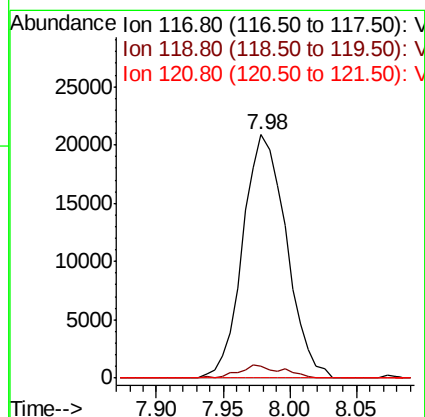
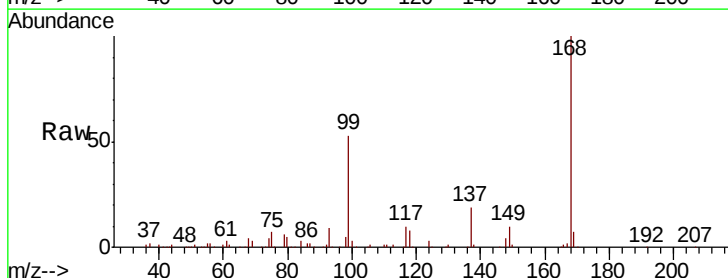
Instrument :
 MSVOA_D
 ClientSampleId :

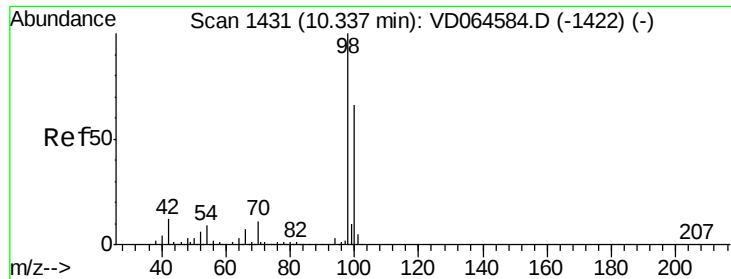
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.1#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.209 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064818.D
 Acq: 09 Jan 2020 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.3	115.9#
121	0.0	25.0	37.6#

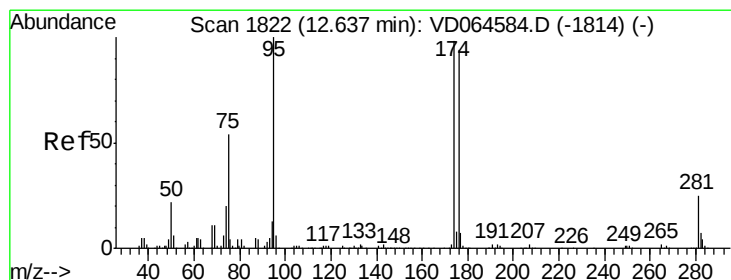
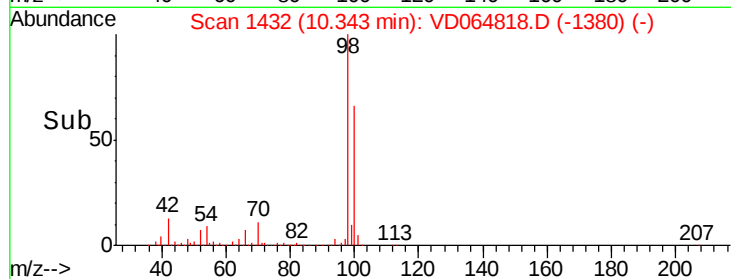
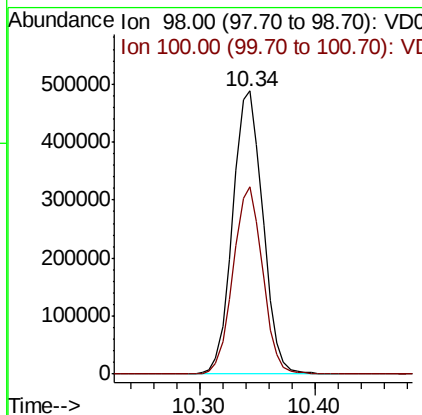
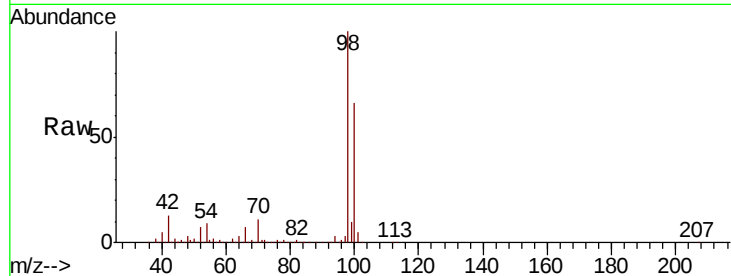




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

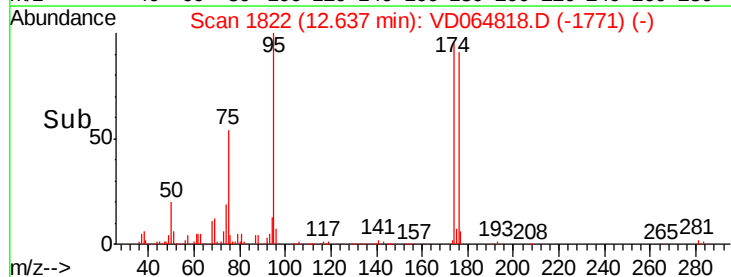
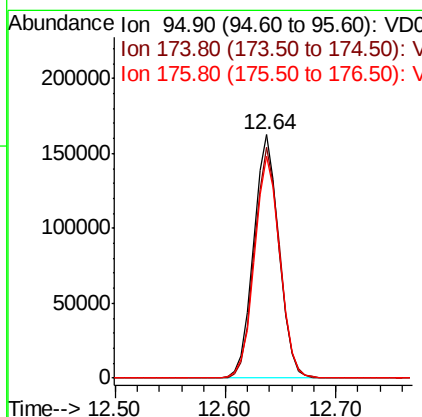
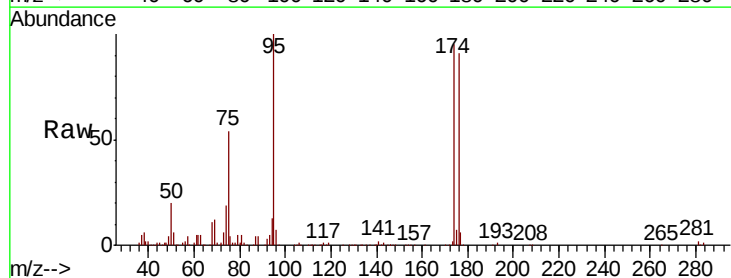
Instrument :
MSVOA_D
ClientSampled :

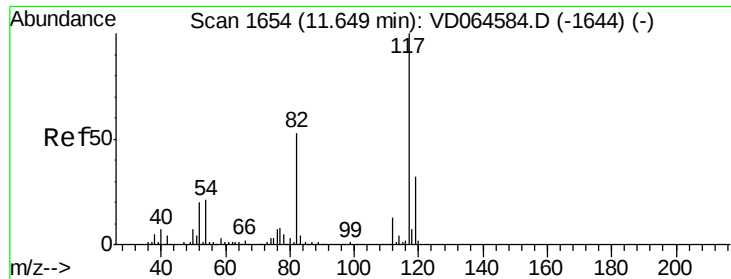
Tot Ion: 98 Resp: 884396
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

Tgt Ion: 95 Resp: 262443
Ion Ratio Lower Upper
95 100
174 94.0 0.0 193.2
176 91.3 0.0 184.2

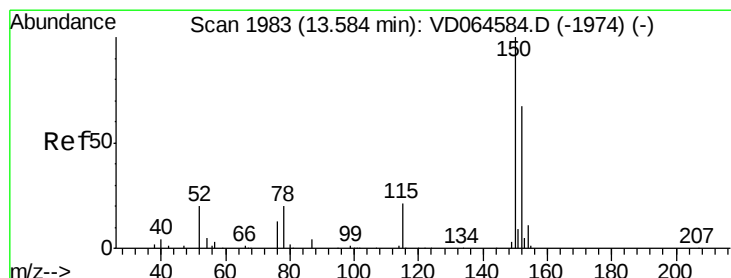
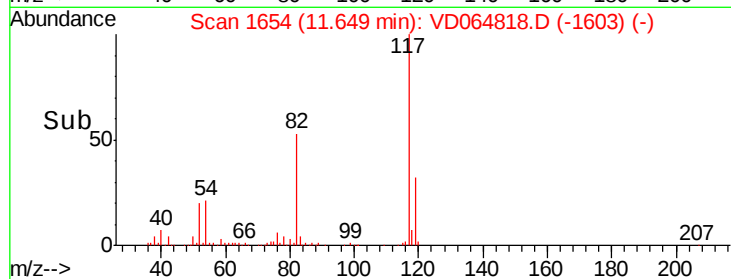
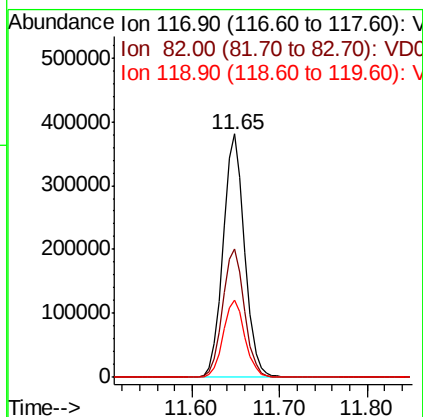
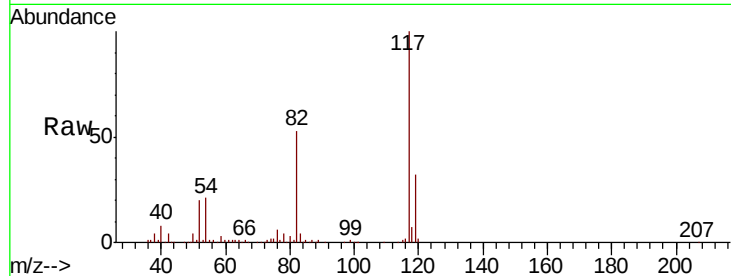




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

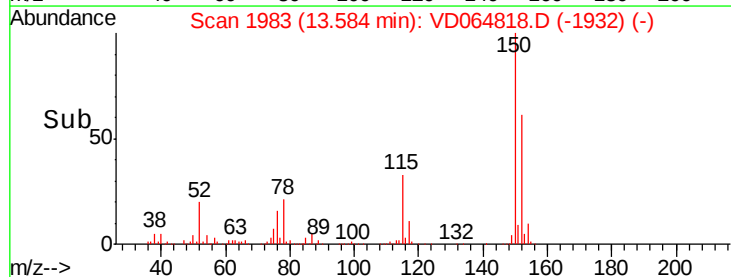
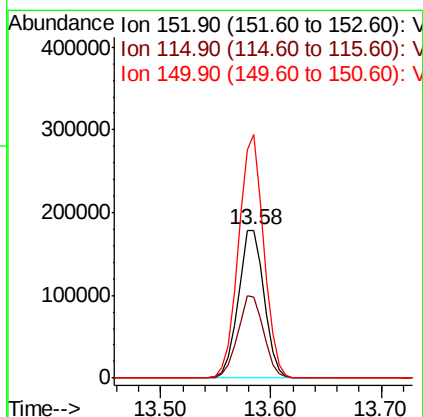
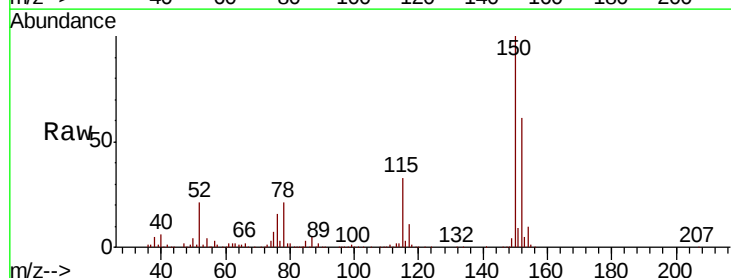
Instrument :
MSVOA_D
ClientSampled :

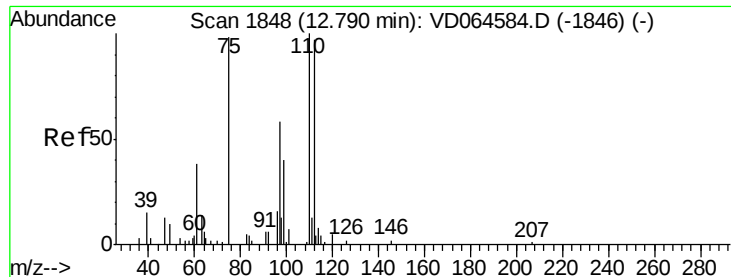
Tot Ion:117 Resp: 644308
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064818.D
Acq: 09 Jan 2020 15:49

Tgt Ion:152 Resp: 294527
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 160.3 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 60.978 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

Instrument :

MSVOA_D

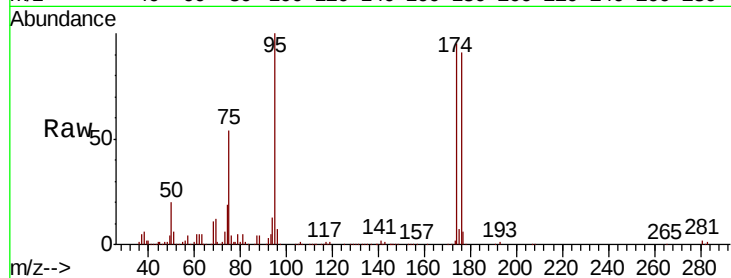
ClientSampleId :

Tot Ion: 75 Resp: 141820

Ion Ratio Lower Upper

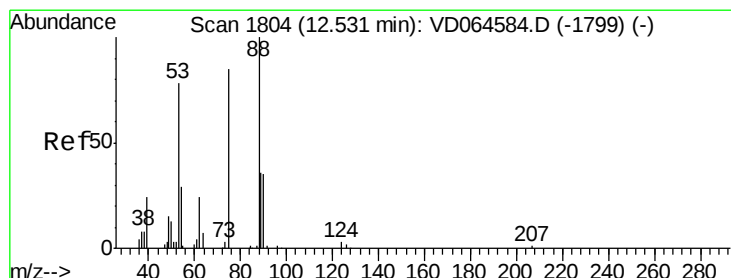
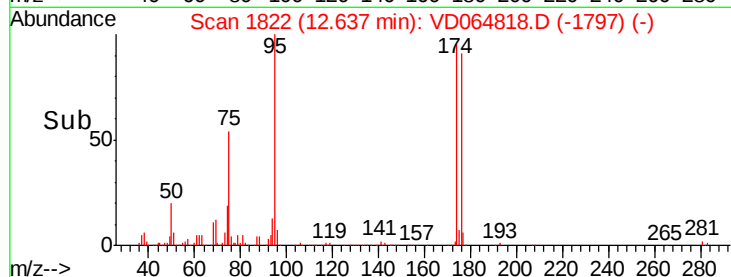
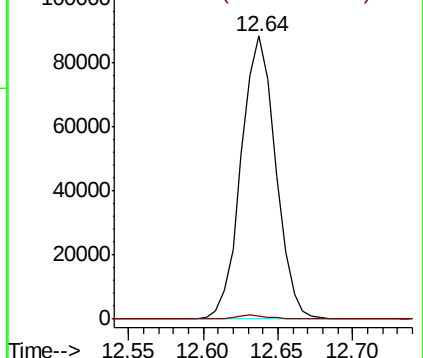
75 100

77 1.3 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: 127.533 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064818.D

Acq: 09 Jan 2020 15:49

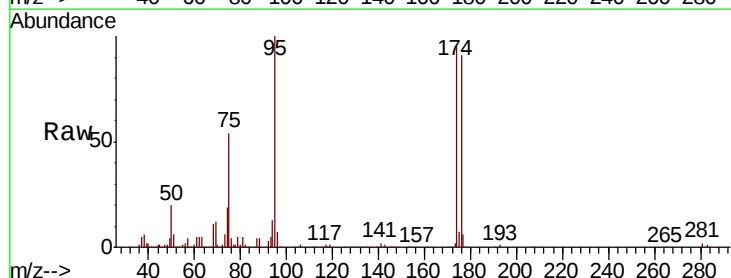
Tgt Ion: 75 Resp: 141820

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.0 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

