

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064736.D
 Acq On : 03 Jan 2020 16:05
 Operator : VA/SY
 Sample : K6472-03
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:47:26 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

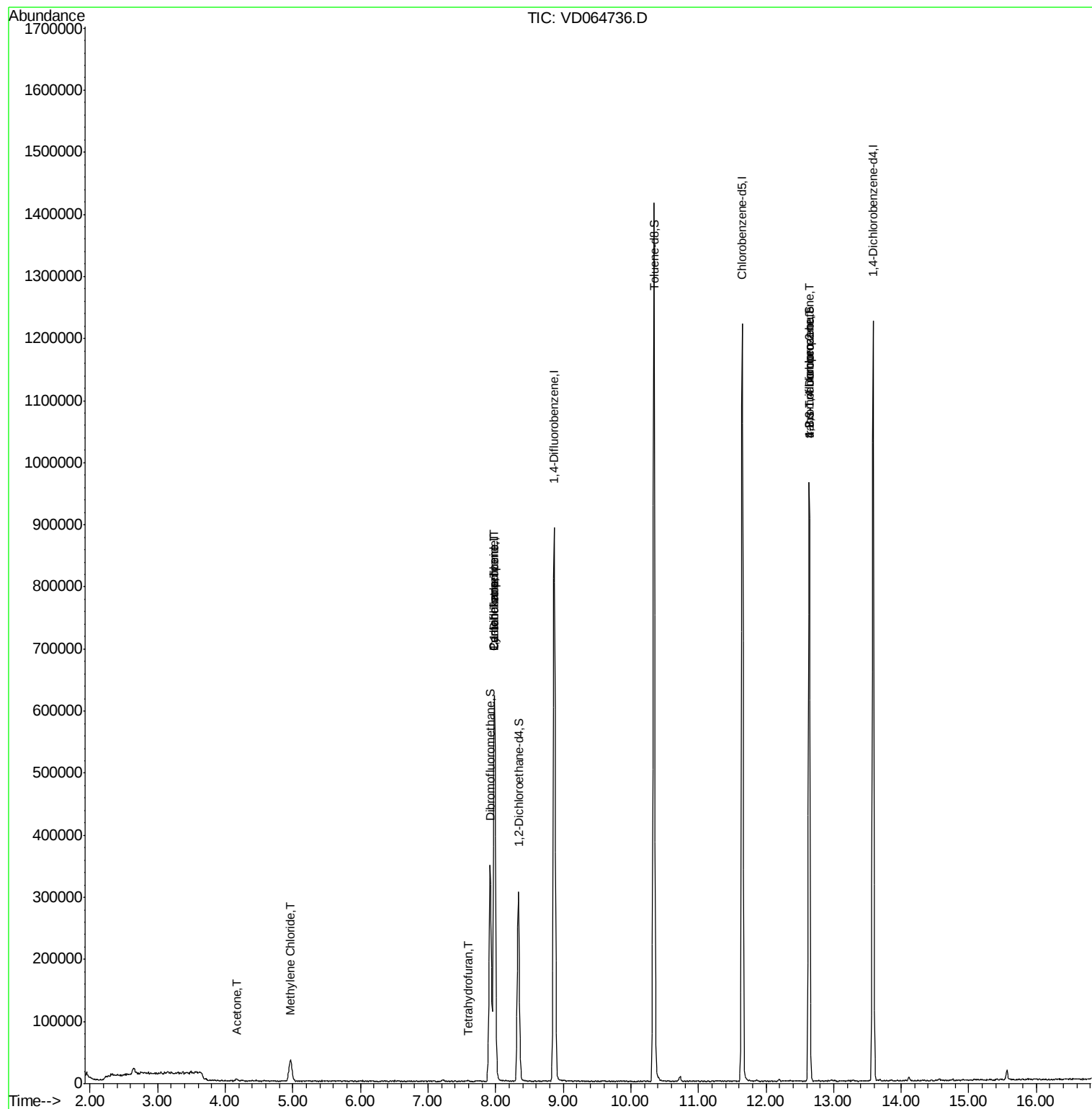
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	487099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	687076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	241415	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.92	113	239395	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.34	98	928261	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	282530	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	5274	9.322	ug/l	98
20) Methylene Chloride	4.97	84	25911	1.121	ug/l	89
29) Tetrahydrofuran	7.59	42	1214	1.653	ug/l #	43
31) Cyclohexane	7.99	56	10190	1.272	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	34279	4.626	ug/l #	51
38) Carbon Tetrachloride	7.98	117	48327	6.116	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	151646	59.784	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	151646	125.036	ug/l #	10

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

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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: VD064736.D

Acq: 03 Jan 2020 16:05

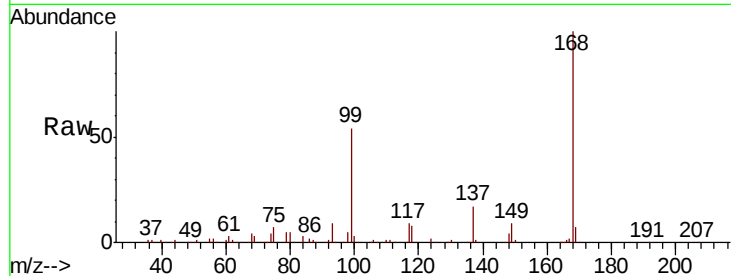
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 487099

Ion Ratio Lower Upper

168 100

99 54.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

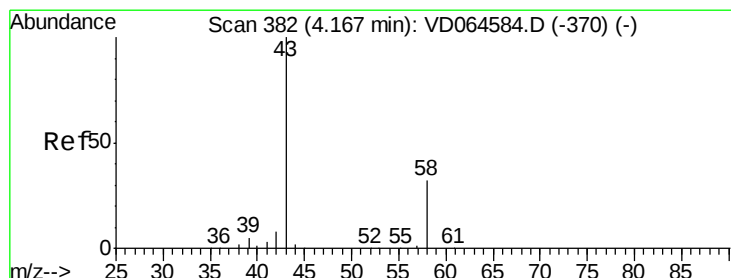
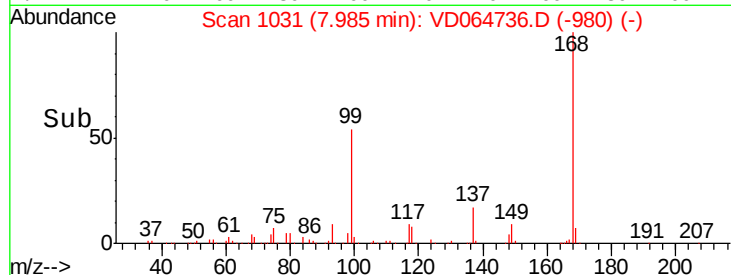
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.322 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064736.D

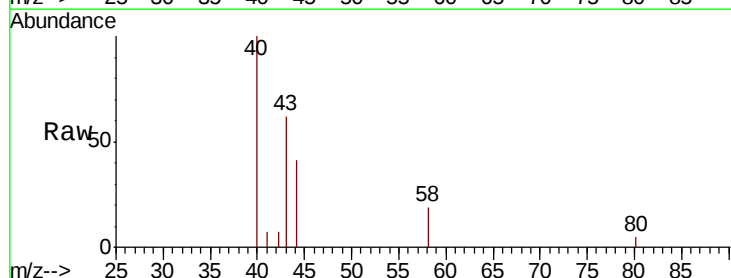
Acq: 03 Jan 2020 16:05

Tgt Ion: 43 Resp: 5274

Ion Ratio Lower Upper

43 100

58 31.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

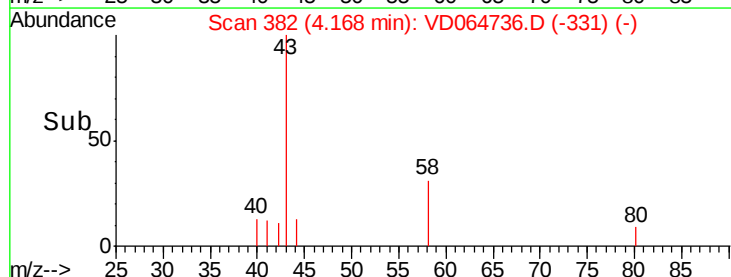
1500

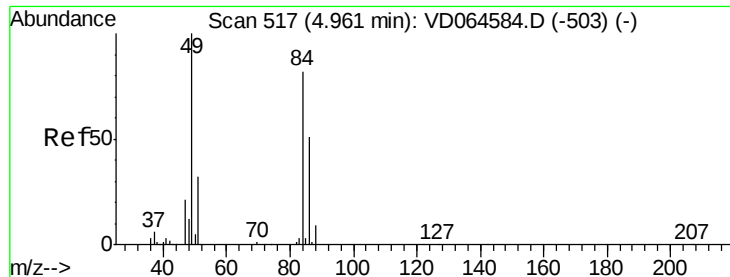
1000

500

0

Time-->

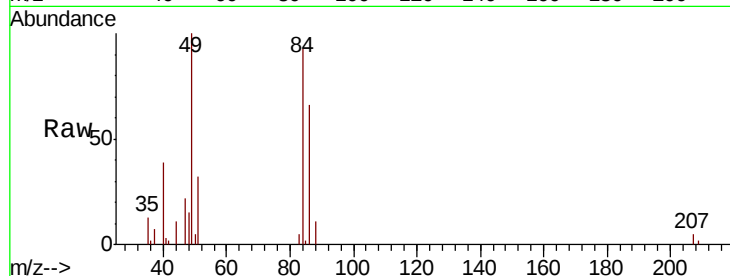




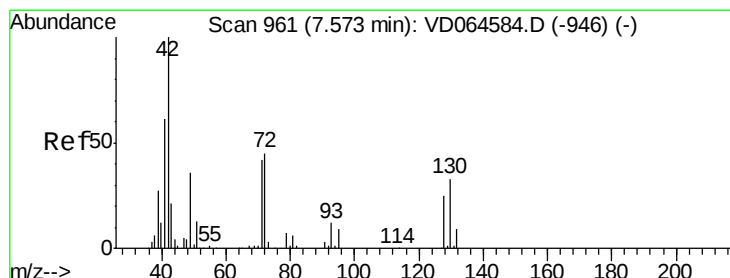
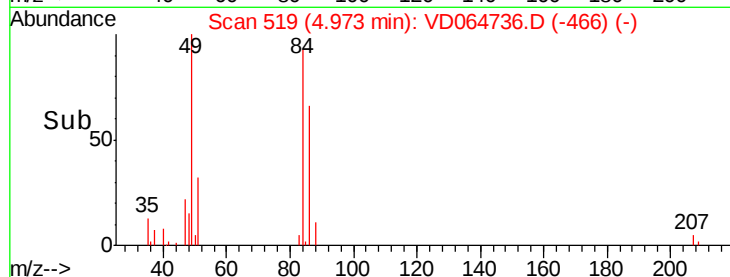
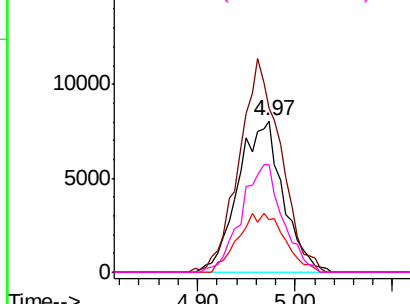
#20
Methvlene Chloride
Concen: 1.121 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 25911
Ion Ratio Lower Upper
84 100
49 107.8 97.2 145.8
51 34.2 31.4 47.0
86 70.9 49.3 73.9

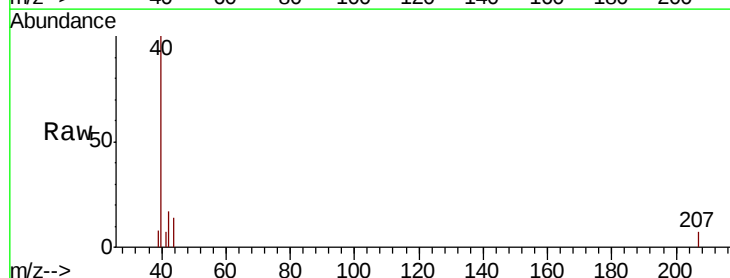


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

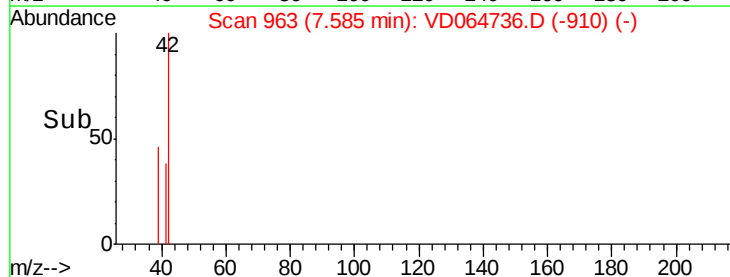
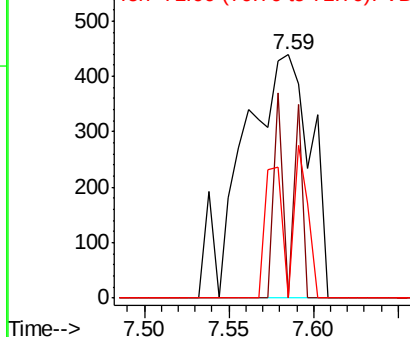


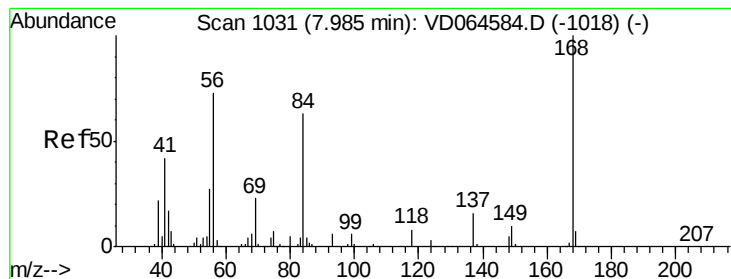
#29
Tetrahydrofuran
Concen: 1.653 ug/l
RT: 7.59 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

Tgt Ion: 42 Resp: 1214
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 13.0 32.9 49.3#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: 1.272 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064736.D

Acq: 03 Jan 2020 16:05

Instrument :
MSVOA_D
ClientSampleId :

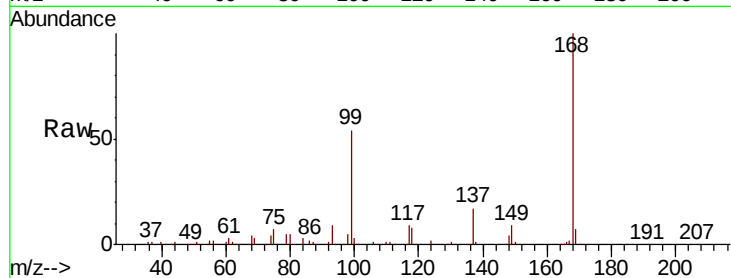
Tot Ion: 56 Resp: 10190

Ion Ratio Lower Upper

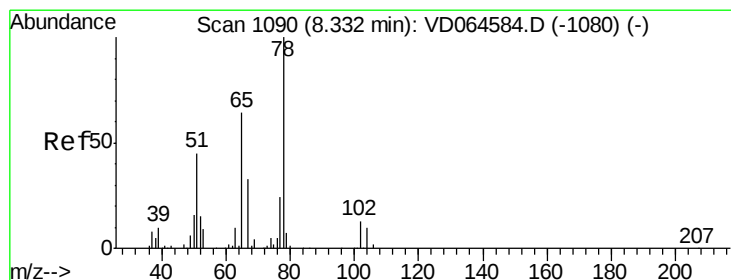
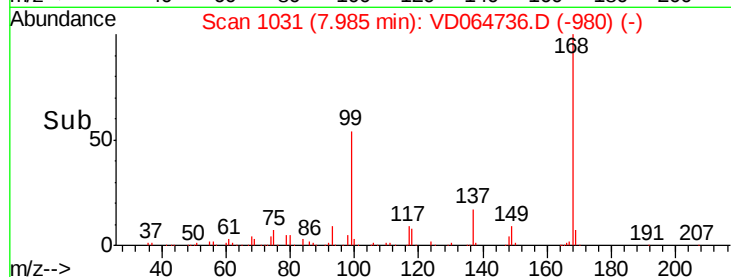
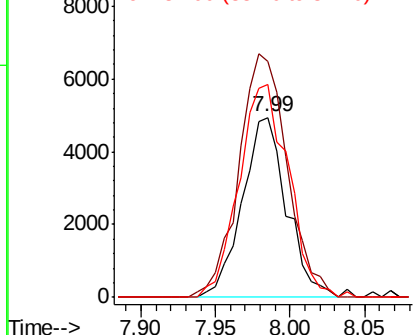
56 100

69 131.1 24.7 37.1#

84 118.1 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: 56.206 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064736.D

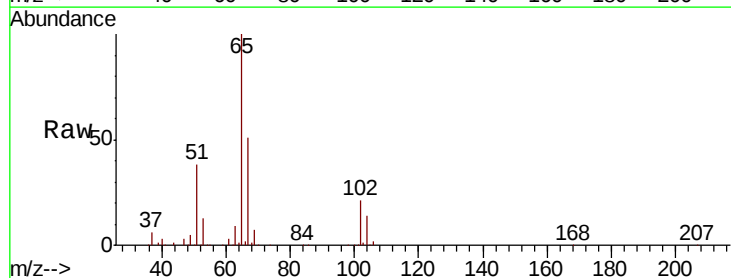
Acq: 03 Jan 2020 16:05

Tgt Ion: 65 Resp: 241415

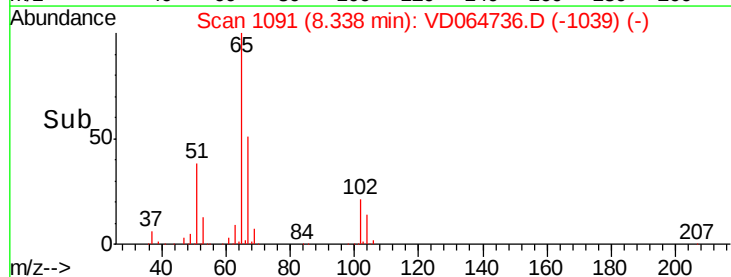
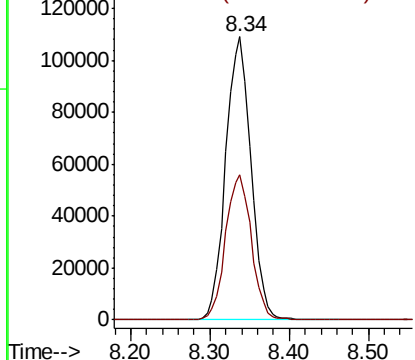
Ion Ratio Lower Upper

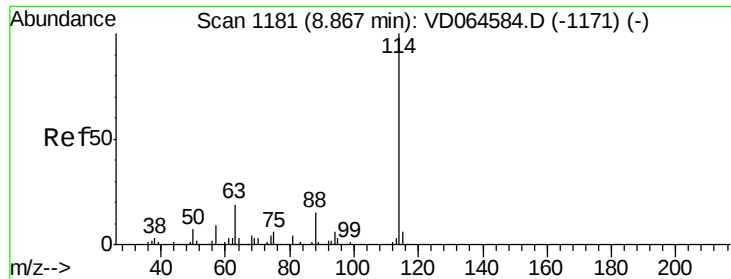
65 100

67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

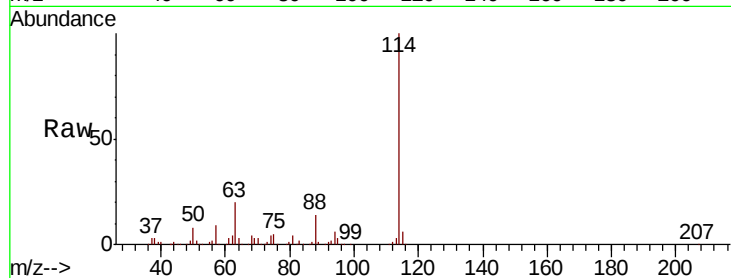




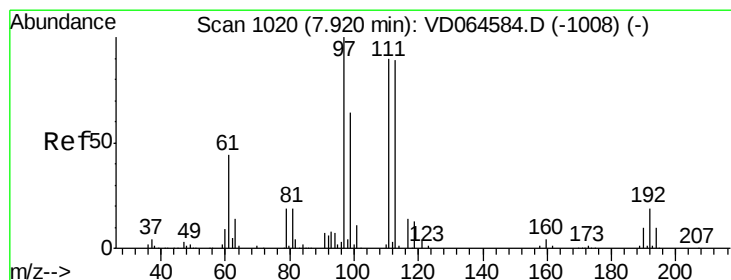
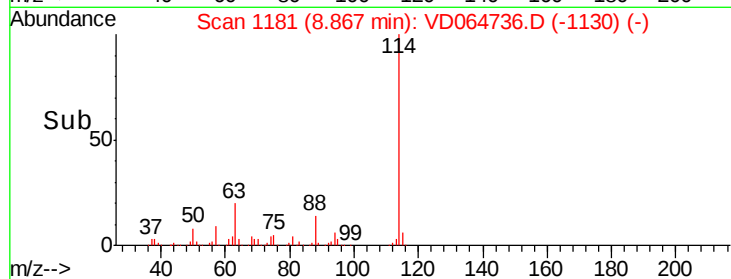
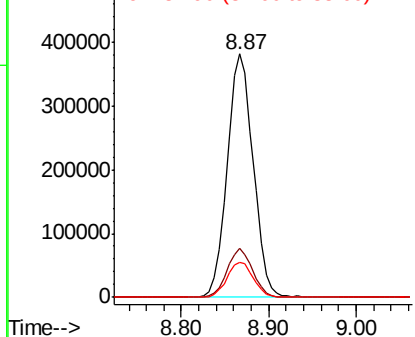
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064736.D
 Acq: 03 Jan 2020 16:05

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.0
88	14.4	0.0	29.2

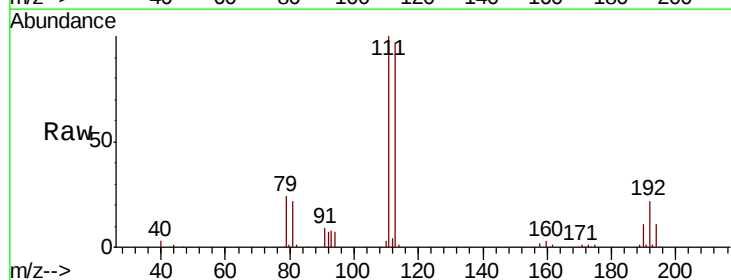


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

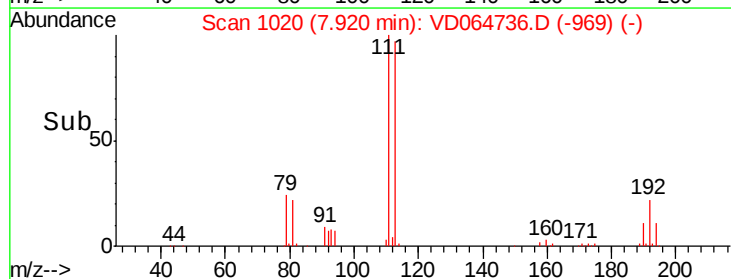
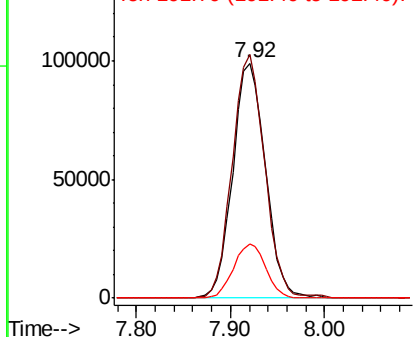


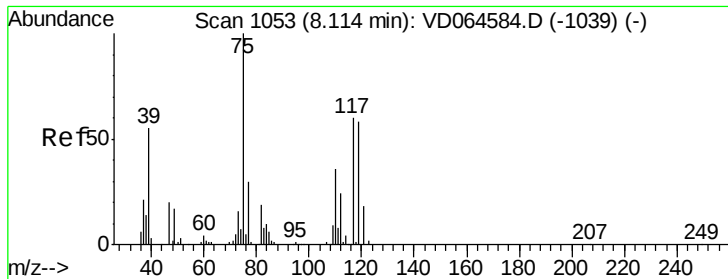
#35
 Dibromofluoromethane
 Concen: 50.682 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064736.D
 Acq: 03 Jan 2020 16:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	22.9	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

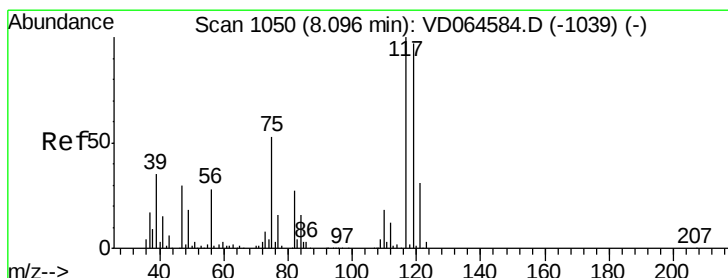
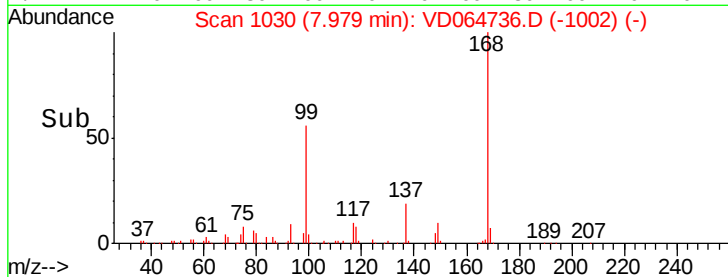
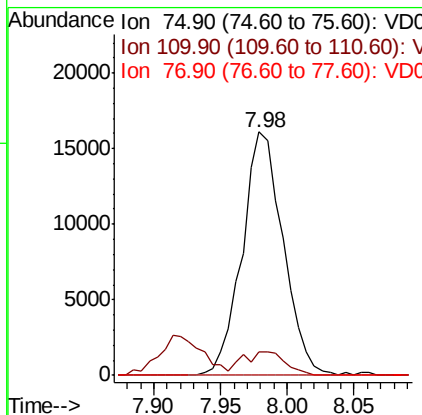
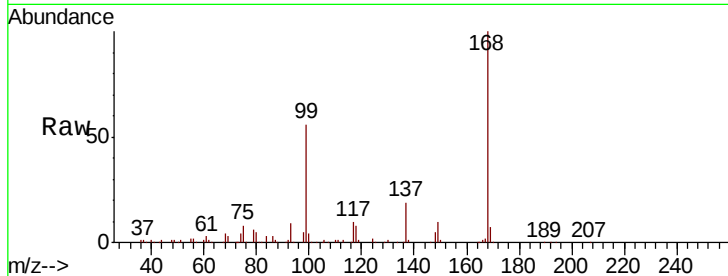




#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064736.D
 Acq: 03 Jan 2020 16:05

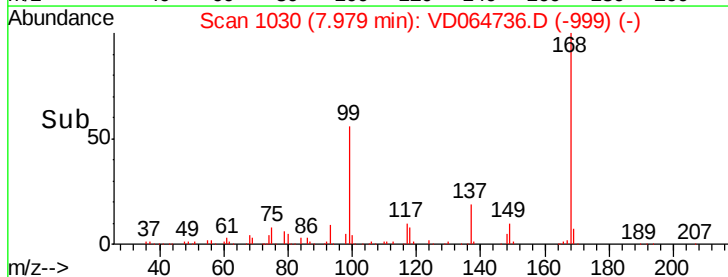
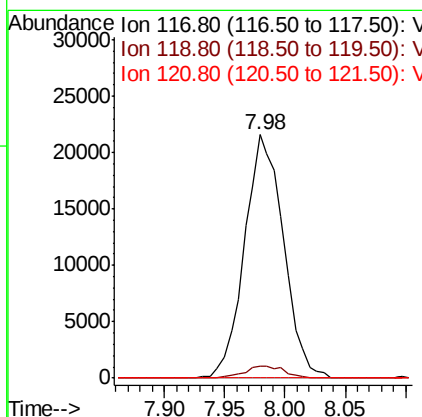
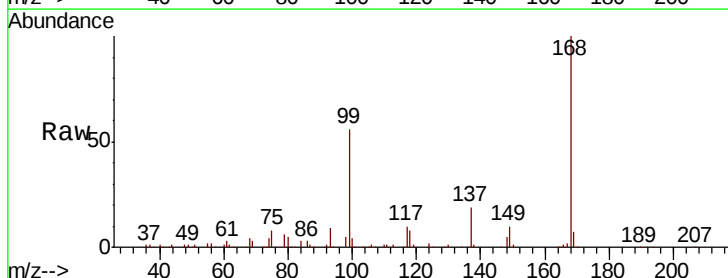
Instrument :
 MSVOA_D
 ClientSampleId :

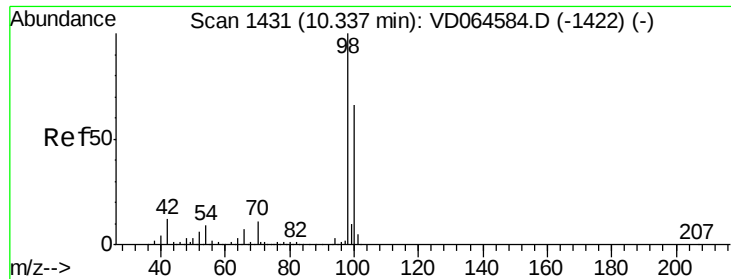
Tot Ion: 75 Resp: 34279
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.1 54.1#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.116 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064736.D
 Acq: 03 Jan 2020 16:05

Tgt Ion: 117 Resp: 48327
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.3 115.9#
 121 0.0 25.0 37.6#

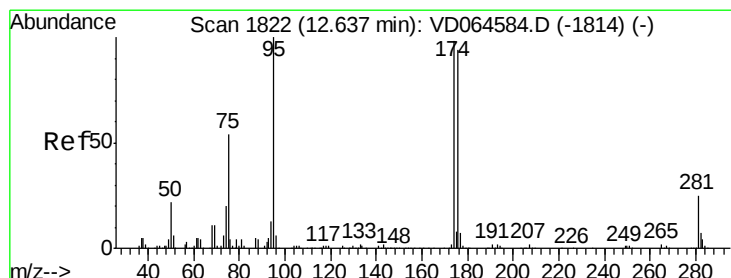
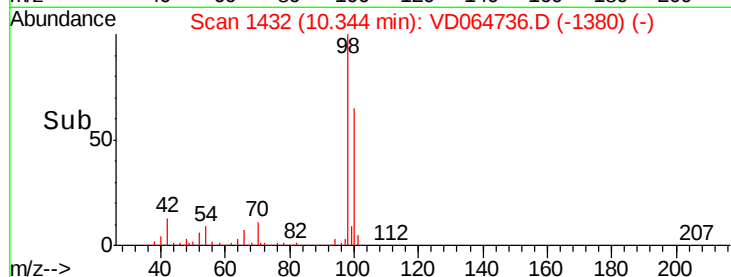
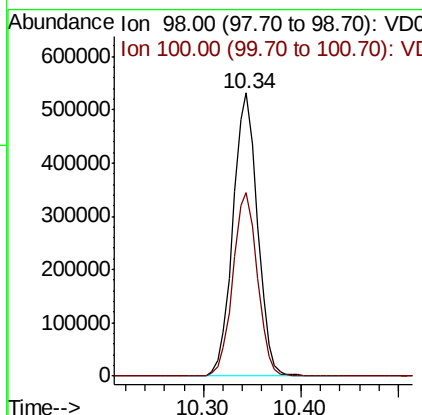
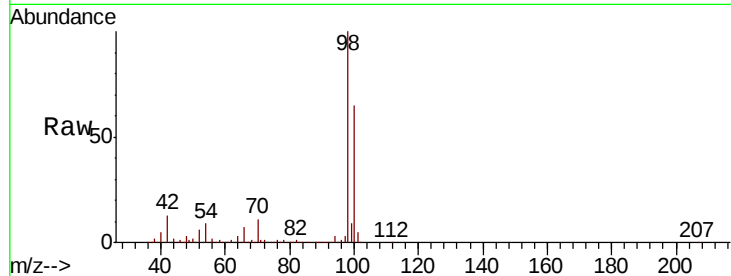




#50
Toluene-d8
Concen: 51.313 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

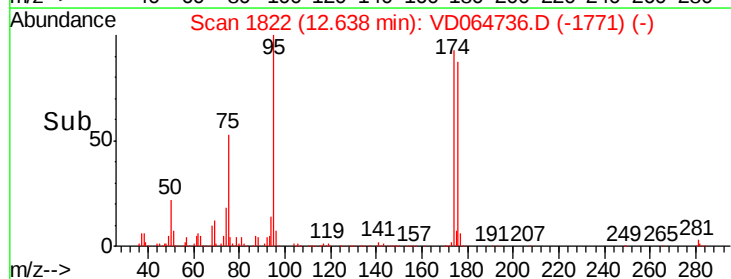
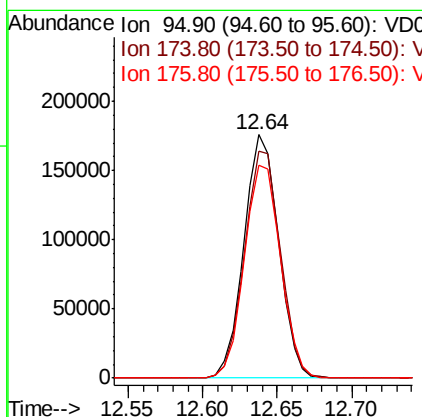
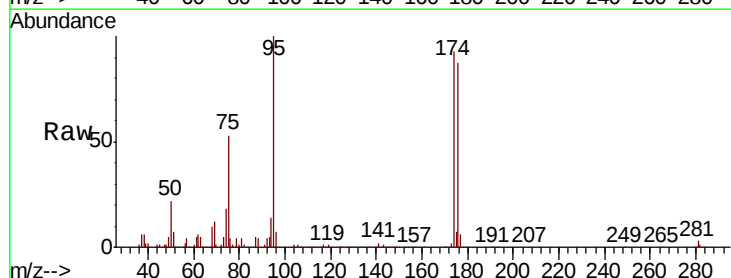
Instrument :
MSVOA_D
ClientSampleId :

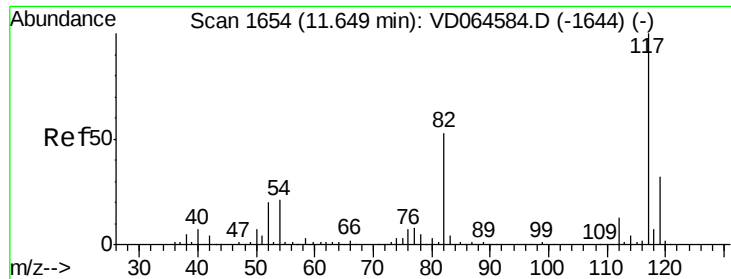
Tot Ion: 98 Resp: 928261
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.391 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

Tgt Ion: 95 Resp: 282530
Ion Ratio Lower Upper
95 100
174 96.4 0.0 193.2
176 91.4 0.0 184.2

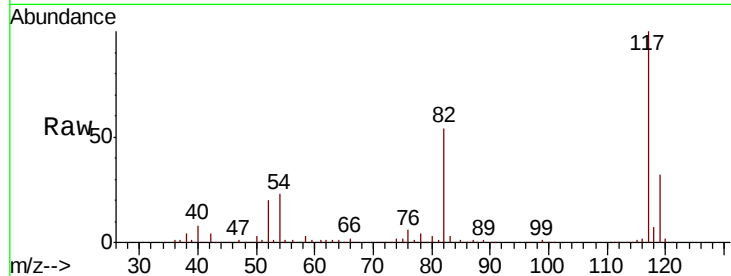




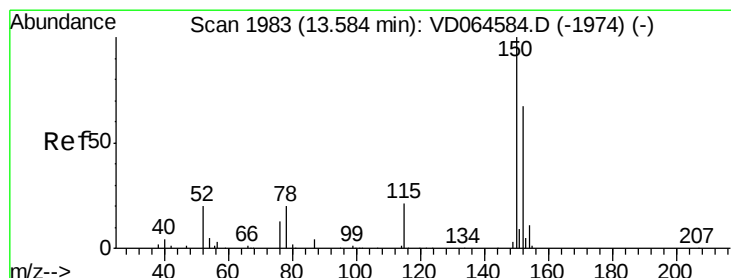
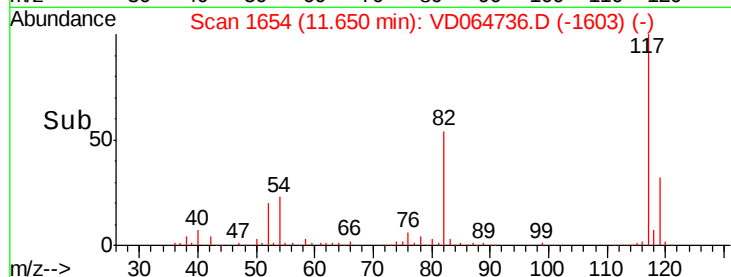
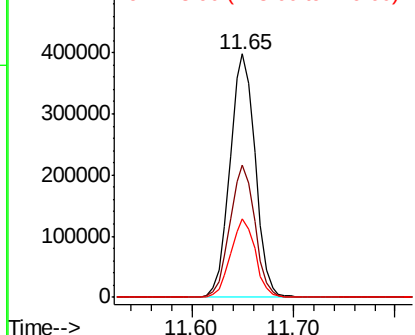
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 687076
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 32.3 26.0 39.0

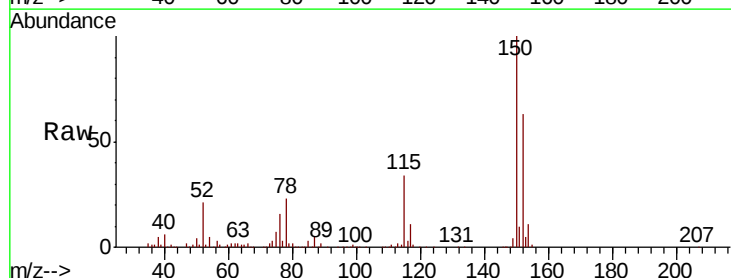


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

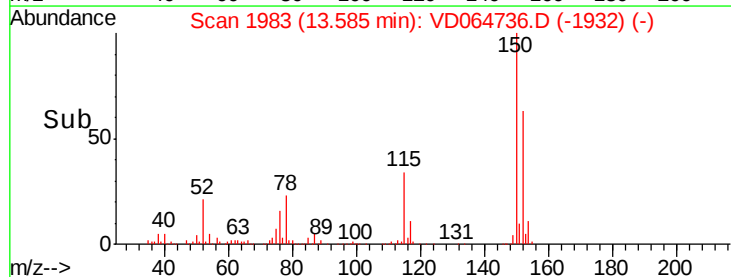
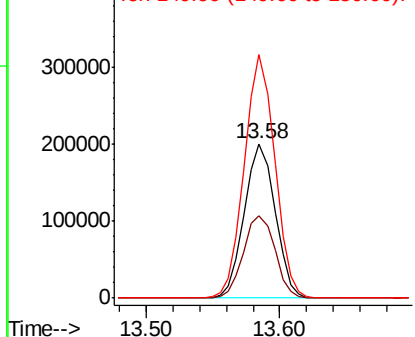


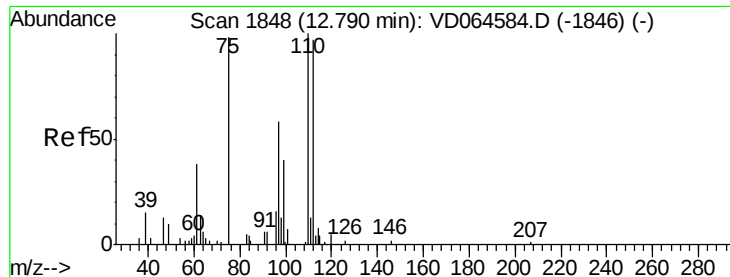
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064736.D
Acq: 03 Jan 2020 16:05

Tgt Ion:152 Resp: 321222
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 155.4 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: 59.784 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064736.D

Acq: 03 Jan 2020 16:05

Instrument :

MSVOA_D

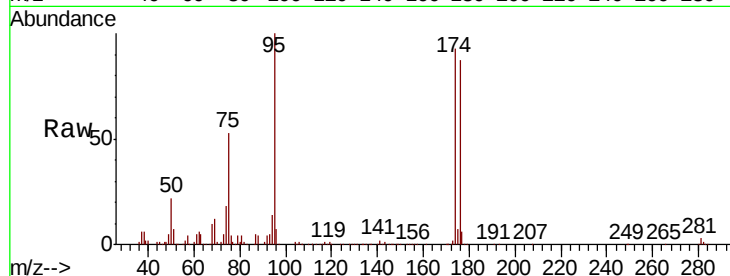
ClientSampled :

Tot Ion: 75 Resp: 151646

Ion Ratio Lower Upper

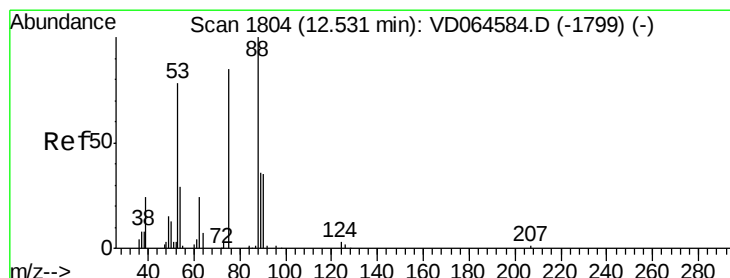
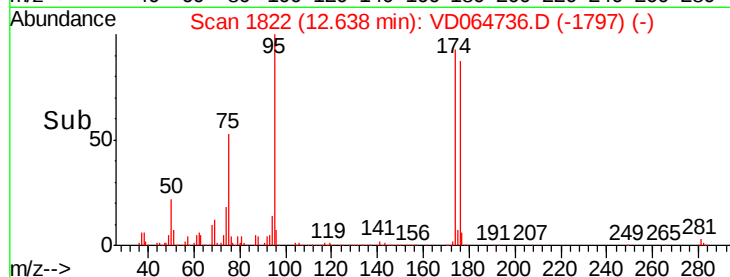
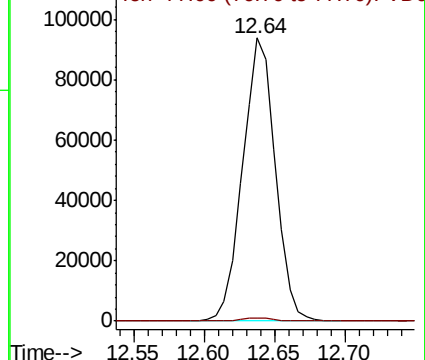
75 100

77 1.0 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: 125.036 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064736.D

Acq: 03 Jan 2020 16:05

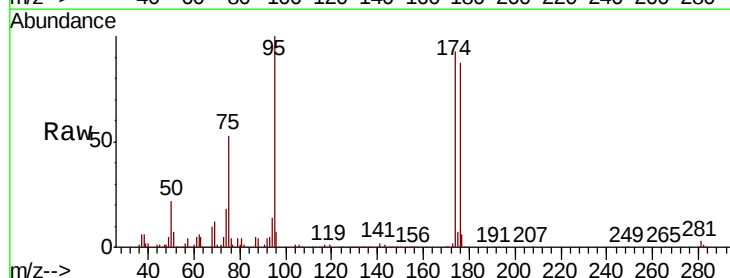
Tgt Ion: 75 Resp: 151646

Ion Ratio Lower Upper

75 100

53 0.0 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

