

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010720\
 Data File : VD064796.D
 Acq On : 07 Jan 2020 16:45
 Operator : VA/SY
 Sample : L1049-07
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 08 07:38:16 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

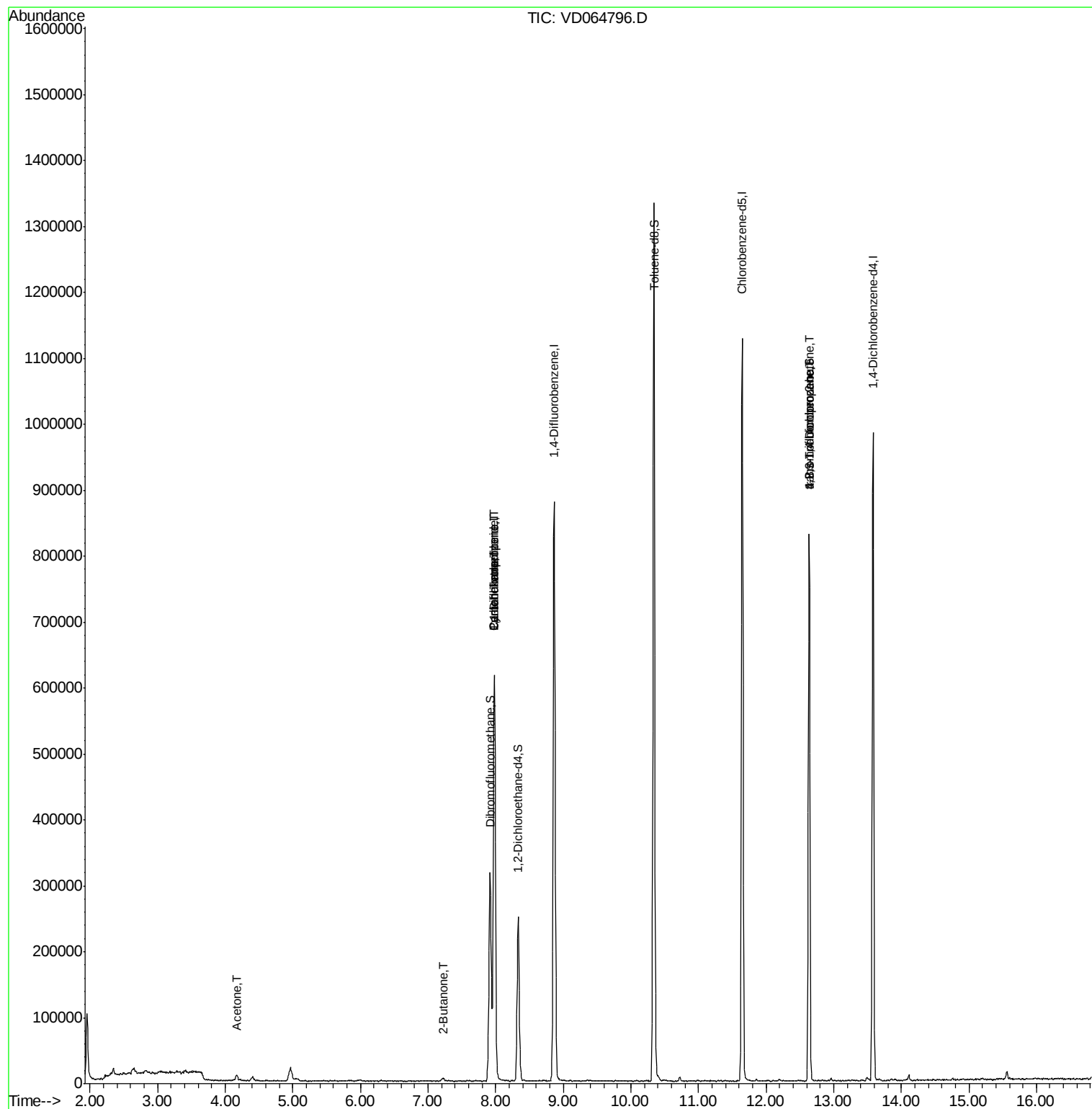
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	481148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	750996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	632133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195855	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
35) Dibromofluoromethane	7.92	113	220980	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	10.34	98	882335	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.64	95	240413	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
16) Acetone	4.17	43	14712	18.735	ug/l	92
20) Methylene Chloride	4.96	84	15004	Below Cal		94
25) 2-Butanone	7.23	43	5191	4.451	ug/l	100
31) Cyclohexane	7.97	56	11223	1.419	ug/l #	46
36) 1,1-Dichloropropene	7.98	75	35965	4.976	ug/l #	50
38) Carbon Tetrachloride	7.98	117	46619	6.049	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	129179	62.579	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	129179	130.881	ug/l #	10

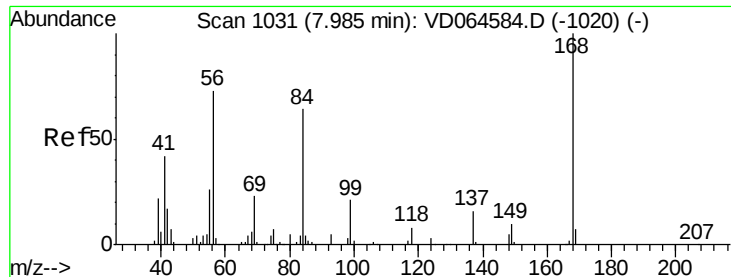
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010720\
Data File : VD064796.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 08 07:38:16 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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064796.D

Acq: 07 Jan 2020 16:45

Instrument :

MSVOA_D

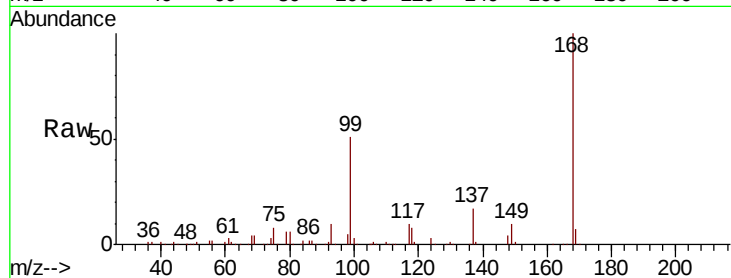
ClientSampled :

Tot Ion:168 Resp: 481148

Ion Ratio Lower Upper

168 100

99 51.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

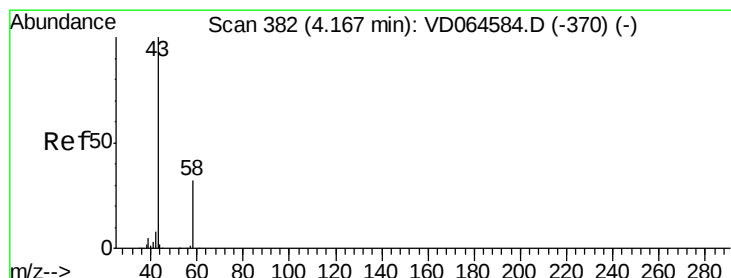
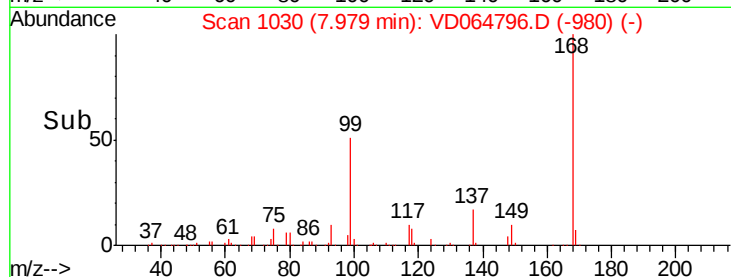
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 18.735 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064796.D

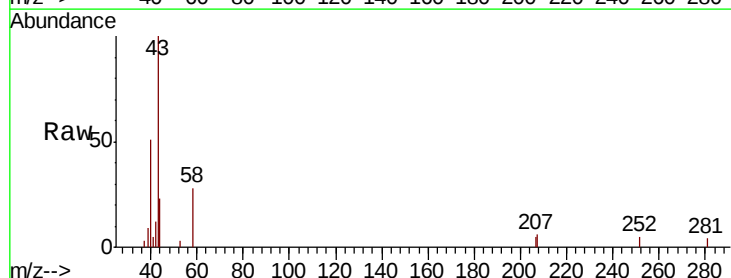
Acq: 07 Jan 2020 16:45

Tgt Ion: 43 Resp: 14712

Ion Ratio Lower Upper

43 100

58 27.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

6000

5000

4000

3000

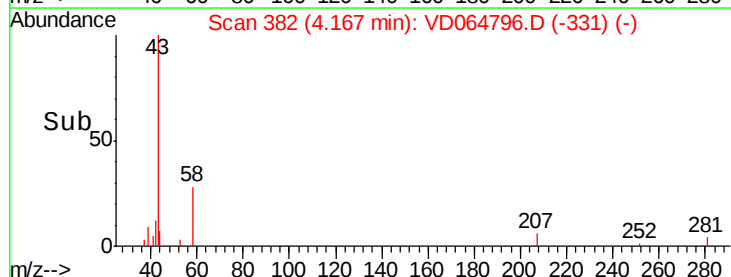
2000

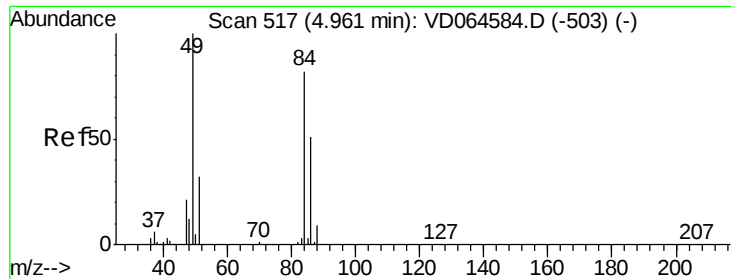
1000

0

Time-->

4.10 4.20

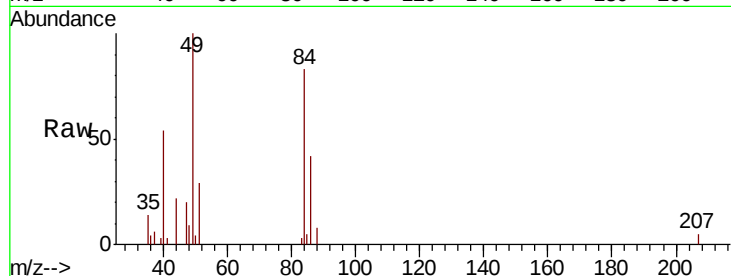




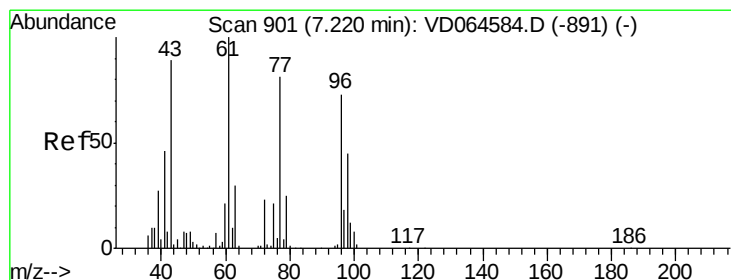
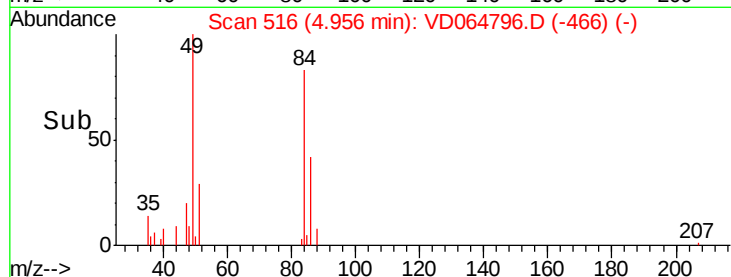
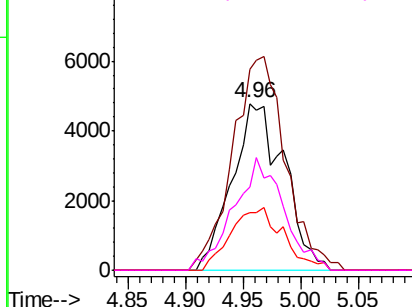
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 15004
Ion Ratio Lower Upper
84 100
49 120.2 97.2 145.8
51 34.6 31.4 47.0
86 50.1 49.3 73.9

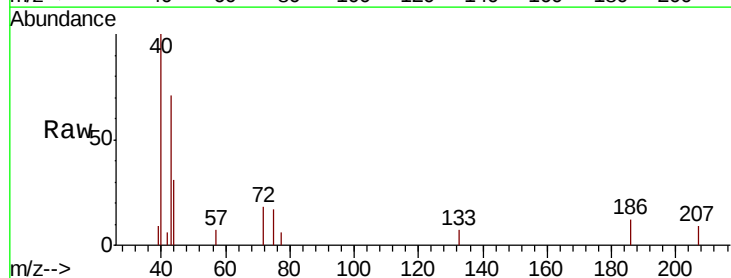


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

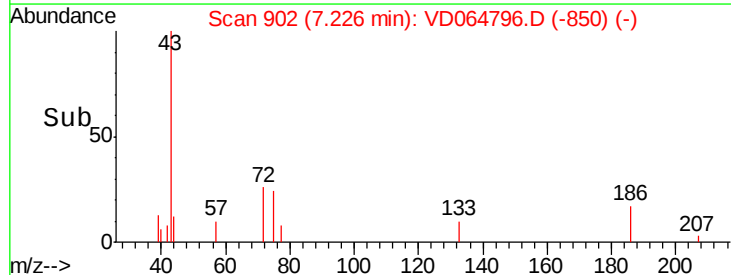
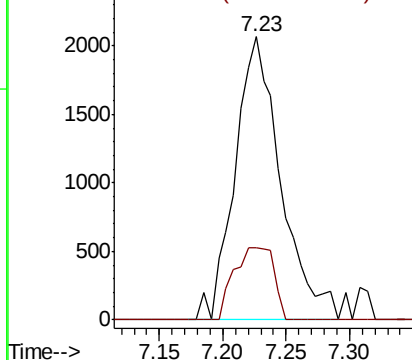


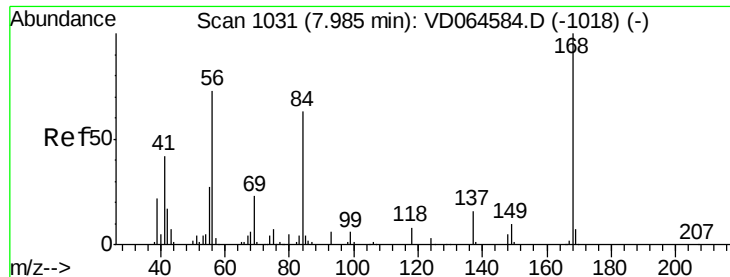
#25
2-Butanone
Concen: 4.451 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

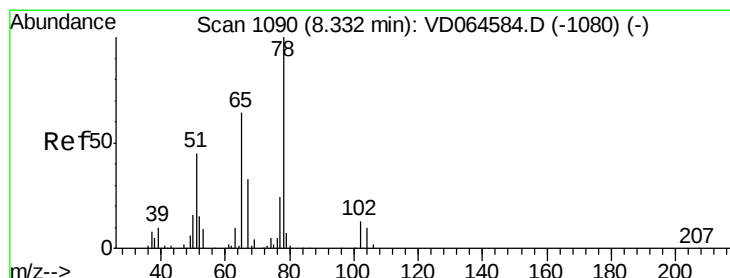
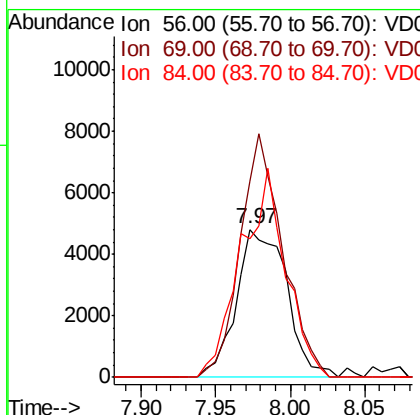
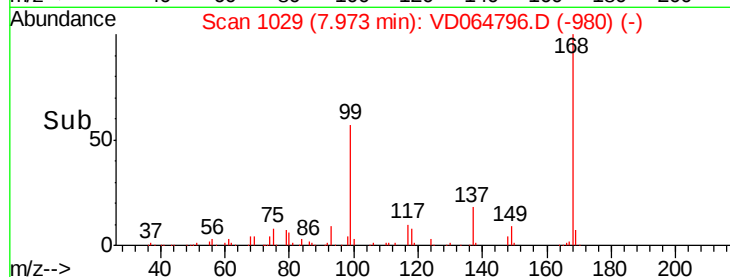
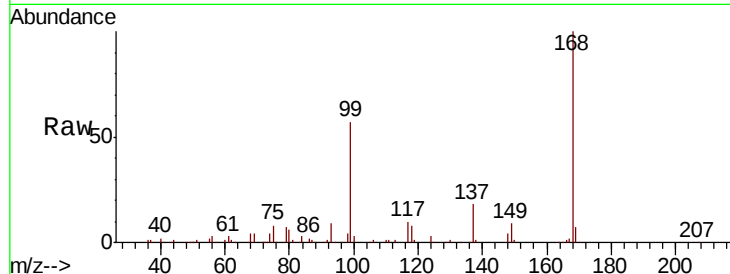




#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

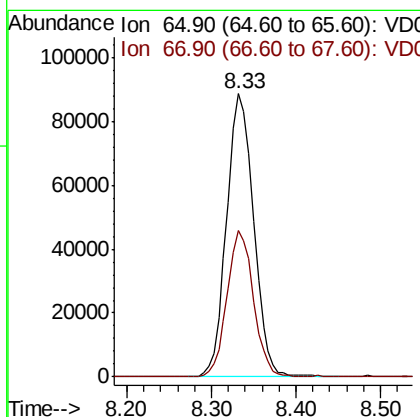
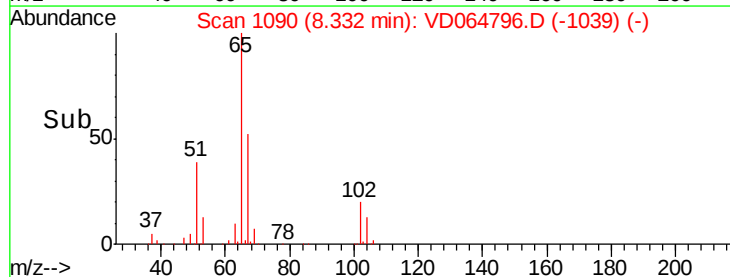
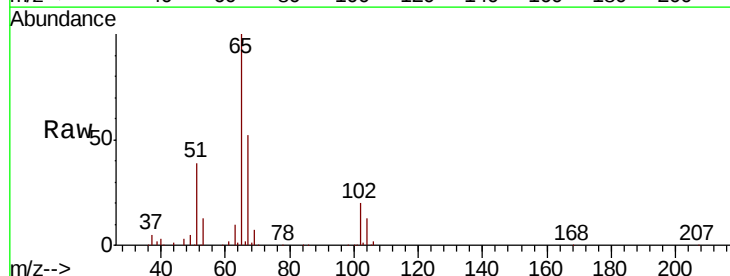
Instrument :
MSVOA_D
ClientSampled :

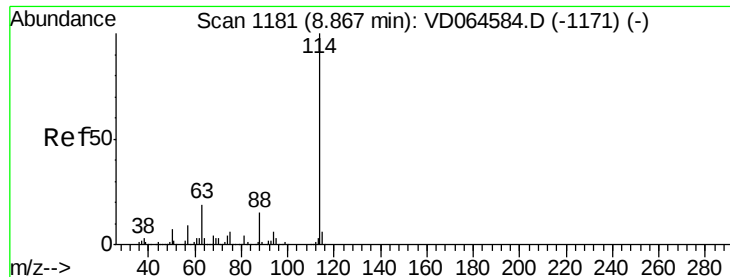
Tot Ion: 56 Resp: 11223
Ion Ratio Lower Upper
56 100
69 132.3 24.7 37.1#
84 93.9 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 46.163 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

Tgt Ion: 65 Resp: 195855
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

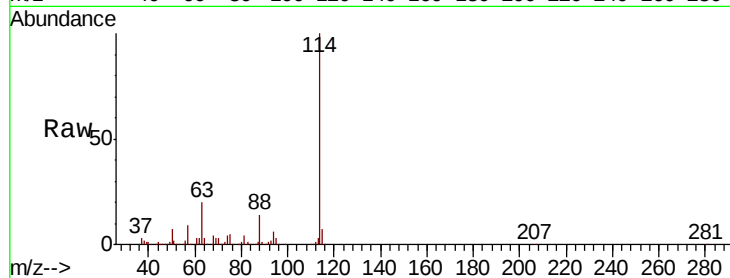




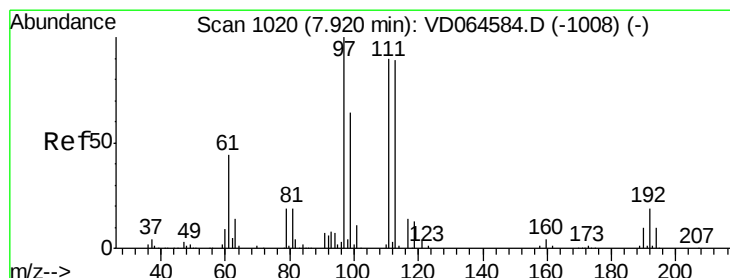
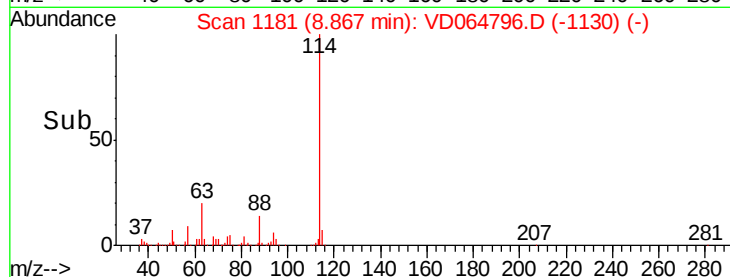
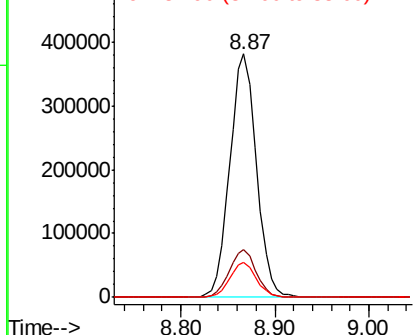
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064796.D
 Acq: 07 Jan 2020 16:45

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:114 Resp: 750996
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 14.2 0.0 29.2

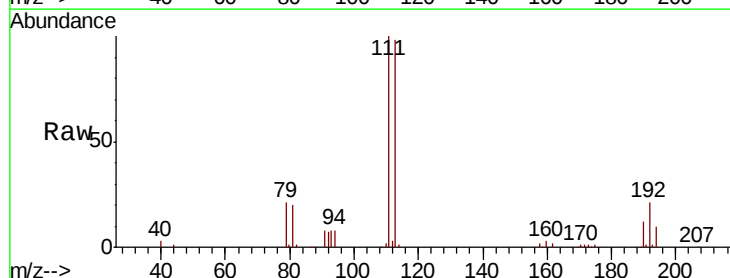


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

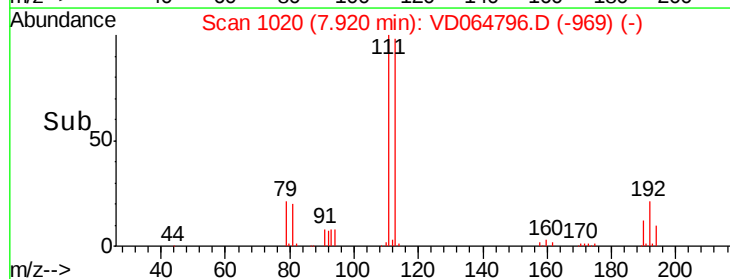
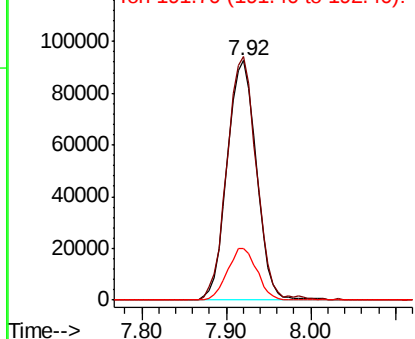


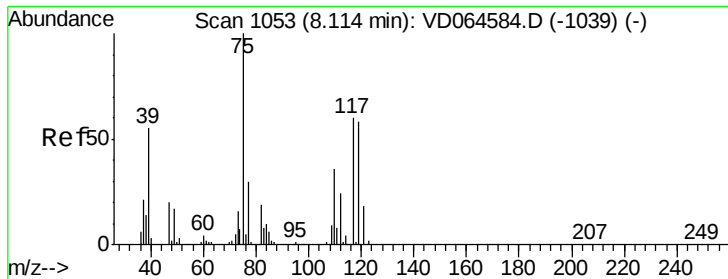
#35
 Dibromofluoromethane
 Concen: 47.961 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064796.D
 Acq: 07 Jan 2020 16:45

Tgt Ion:113 Resp: 220980
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.6 121.0
 192 21.7 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

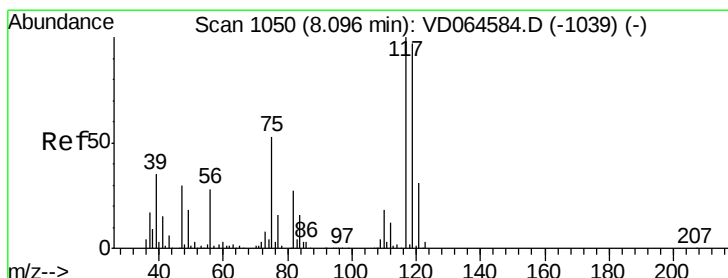
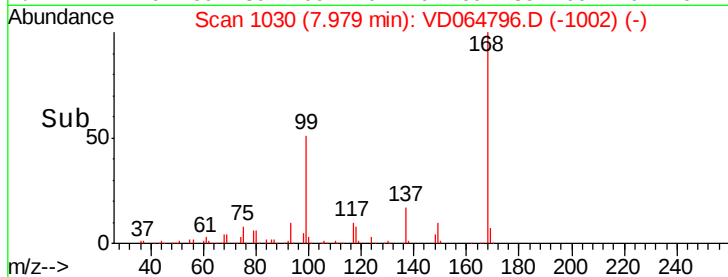
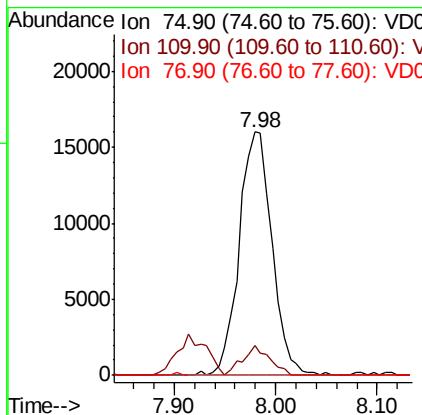
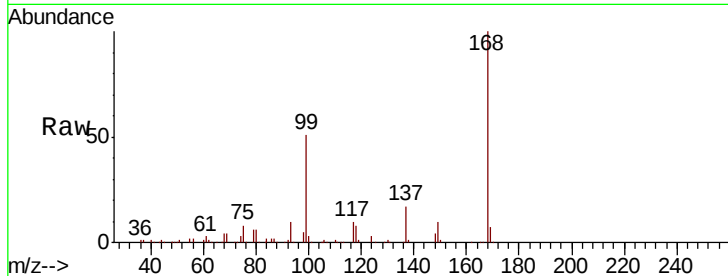




#36
 1,1-Dichloropropene
 Concen: 4.976 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064796.D
 Acq: 07 Jan 2020 16:45

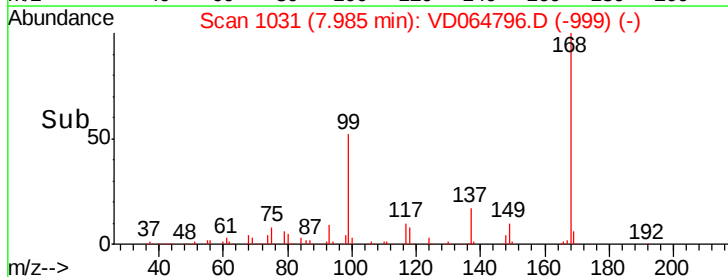
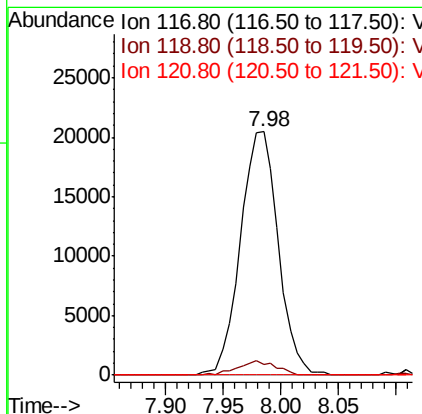
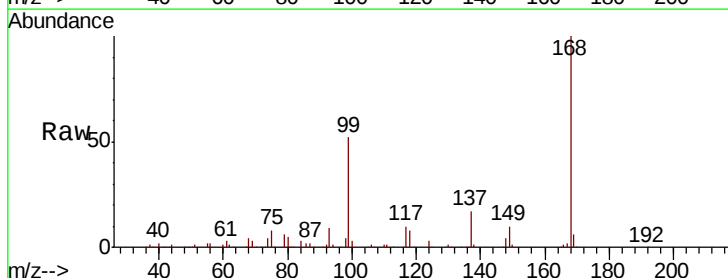
Instrument :
 MSVOA_D
 ClientSampleId :

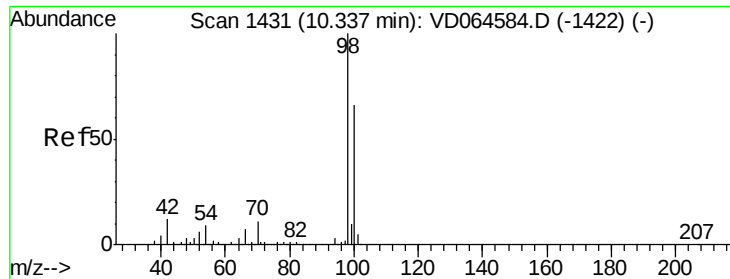
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.049 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064796.D
 Acq: 07 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.3	115.9#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 50.001 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064796.D

Acq: 07 Jan 2020 16:45

Instrument :

MSVOA_D

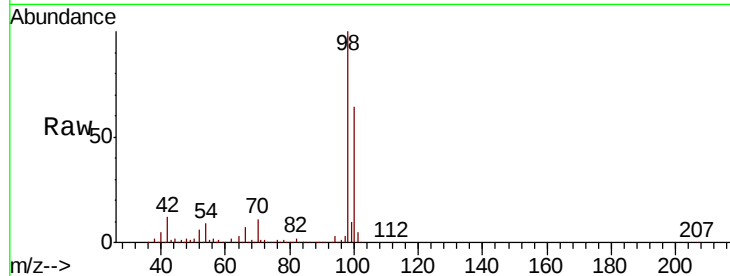
ClientSampled :

Tot Ion: 98 Resp: 882335

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

500000

400000

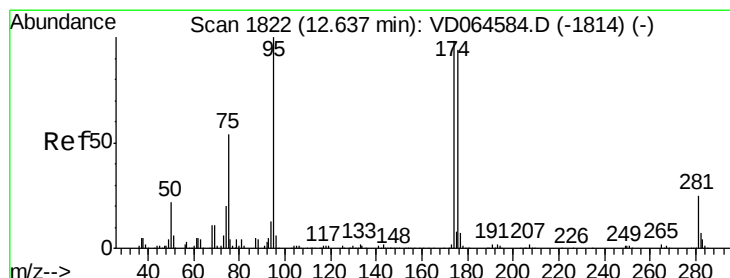
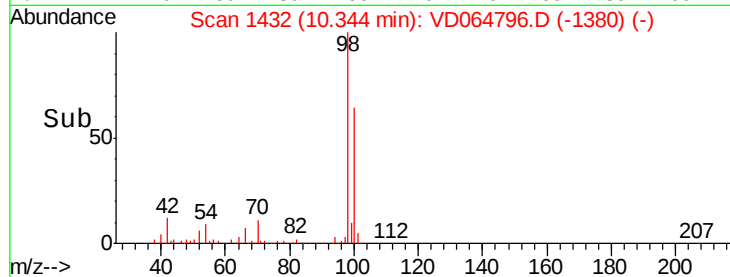
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.085 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064796.D

Acq: 07 Jan 2020 16:45

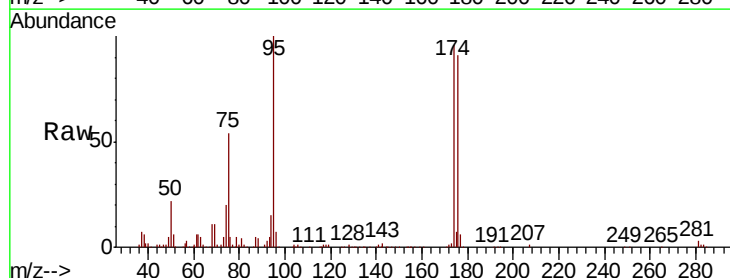
Tgt Ion: 95 Resp: 240413

Ion Ratio Lower Upper

95 100

174 94.9 0.0 193.2

176 92.5 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

200000

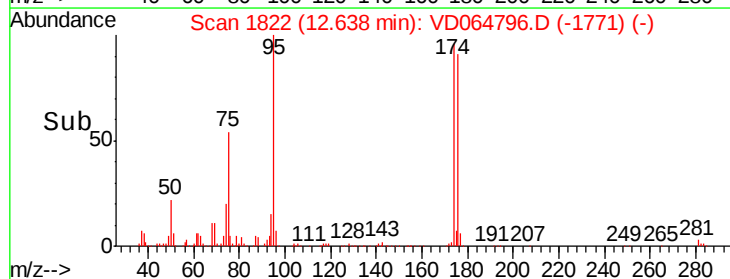
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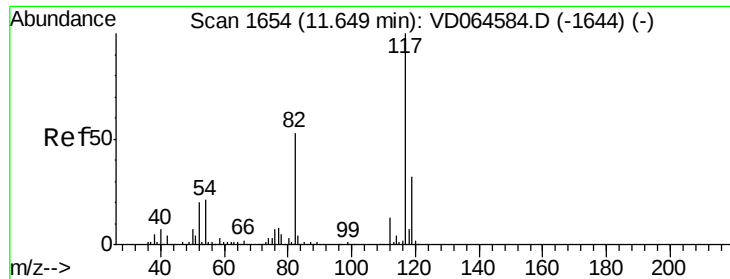
100000

50000

0

Time-->

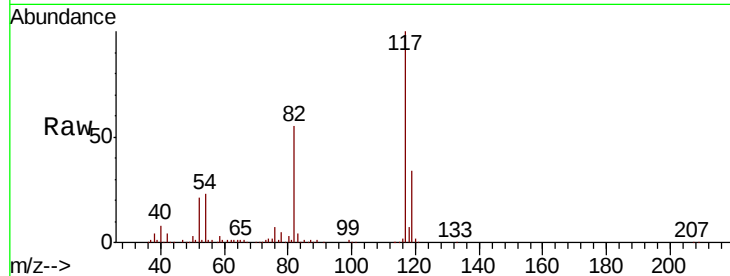




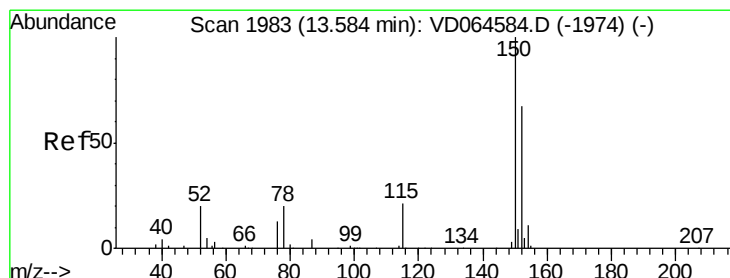
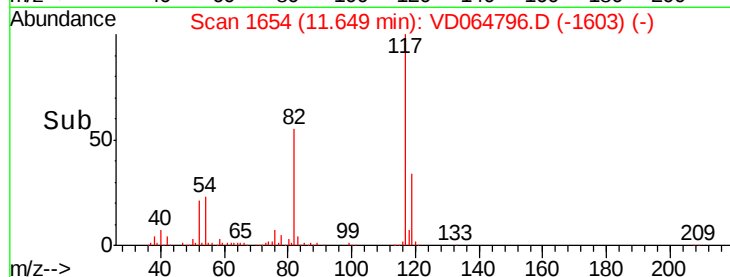
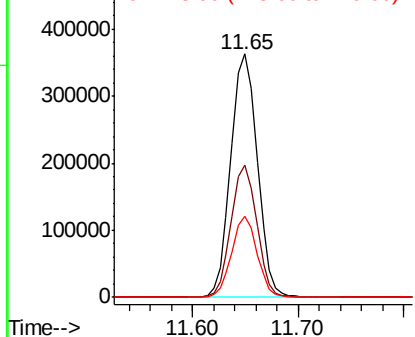
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 632133
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 33.5 26.0 39.0

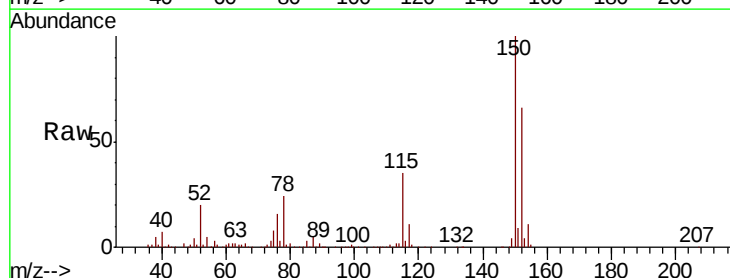


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

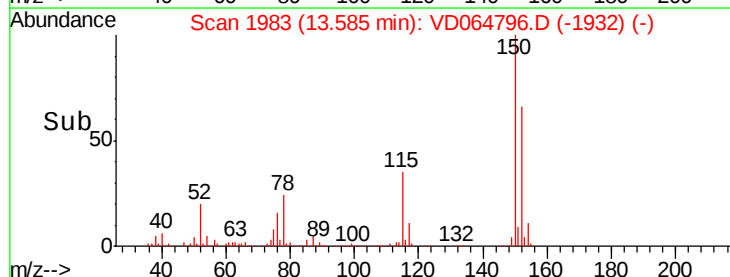
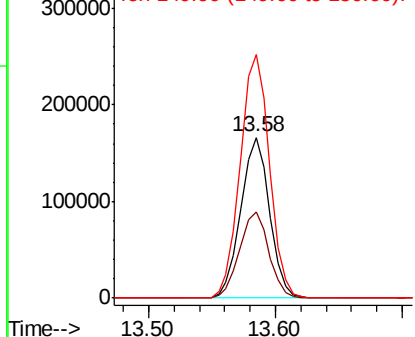


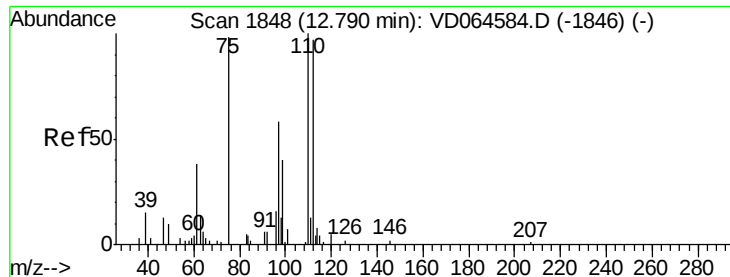
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064796.D
Acq: 07 Jan 2020 16:45

Tgt Ion:152 Resp: 261412
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 154.5 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: 62.579 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064796.D

Acq: 07 Jan 2020 16:45

Instrument :

MSVOA_D

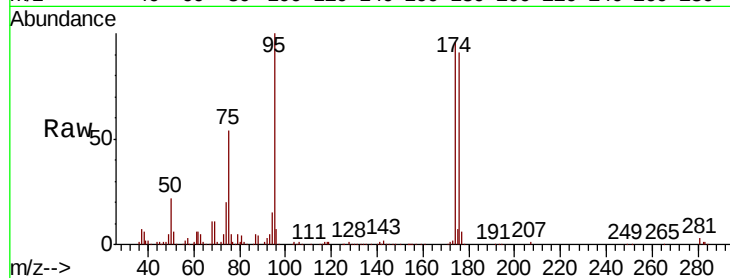
ClientSampleId :

Tot Ion: 75 Resp: 129179

Ion Ratio Lower Upper

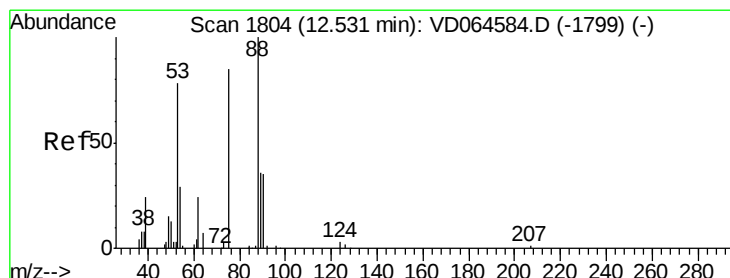
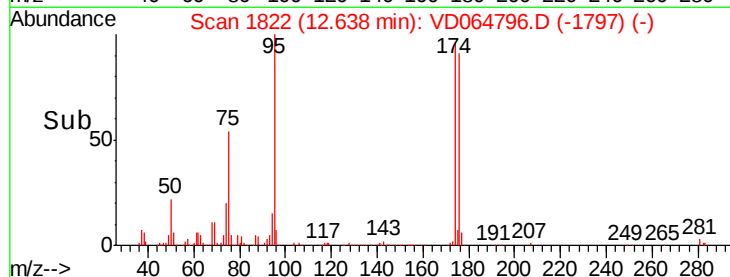
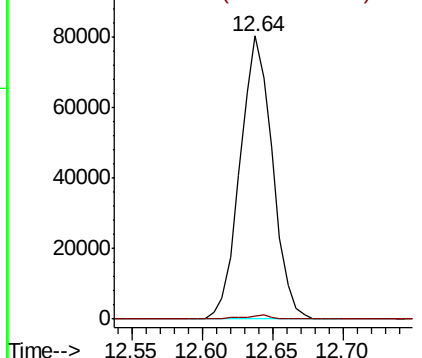
75 100

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: 130.881 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064796.D

Acq: 07 Jan 2020 16:45

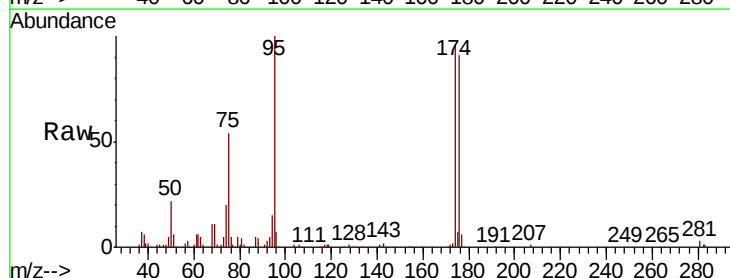
Tgt Ion: 75 Resp: 129179

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

