

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064813.D
 Acq On : 09 Jan 2020 13:25
 Operator : VA/SY
 Sample : L1060-07
 Misc : 6.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 13:58:53 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

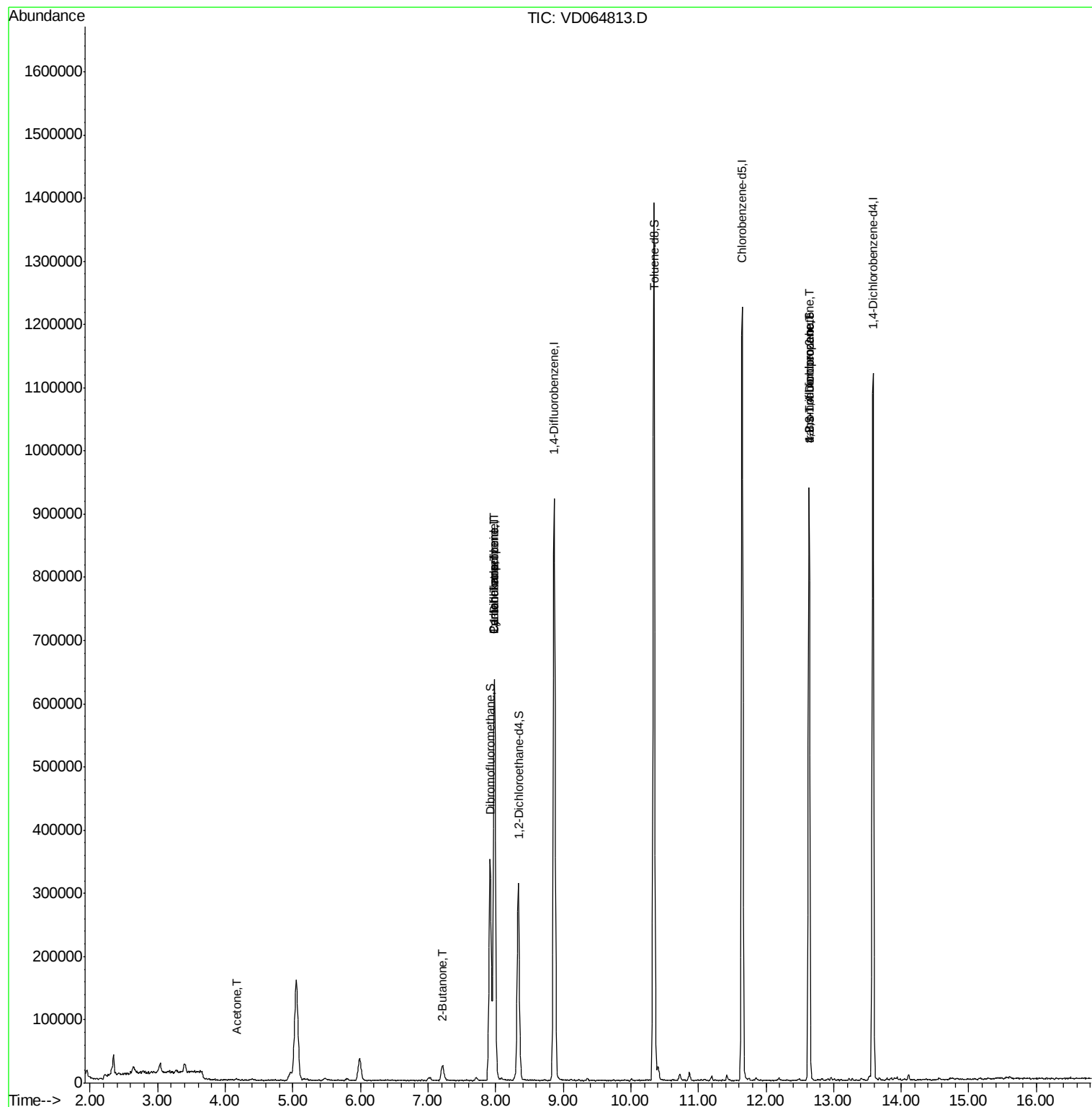
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	500101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248497	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	7.92	113	245602	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.34	98	941865	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.64	95	276590	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3192	7.215	ug/l #	70
20) Methylene Chloride	4.96	84	8008	Below Cal		94
25) 2-Butanone	7.22	43	2213	1.826	ug/l	94
31) Cyclohexane	7.97	56	11447	1.392	ug/l #	30
36) 1,1-Dichloropropene	7.98	75	37003	4.896	ug/l #	51
38) Carbon Tetrachloride	7.98	117	47736	5.923	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	148206	63.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	148206	133.558	ug/l #	10

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

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Quant Time: Jan 09 13:58:53 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# 1031

Delta R.T. 0.00 min

Lab File: VD064813.D

Acq: 09 Jan 2020 13:25

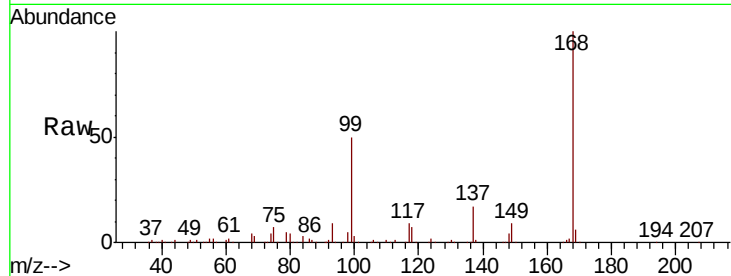
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 500101

Ion Ratio Lower Upper

168 100

99 50.4 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

200000

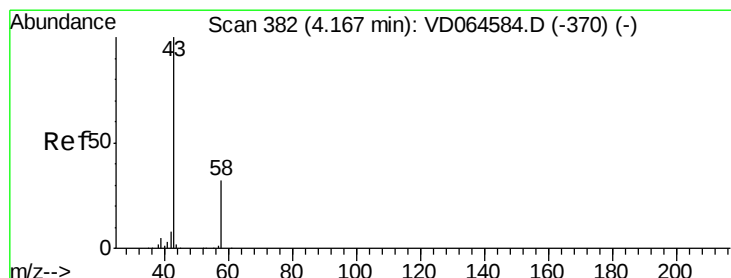
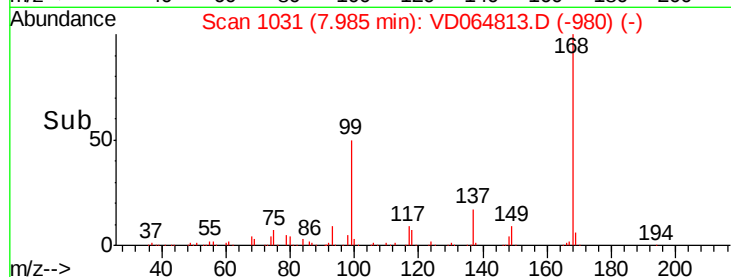
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.215 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064813.D

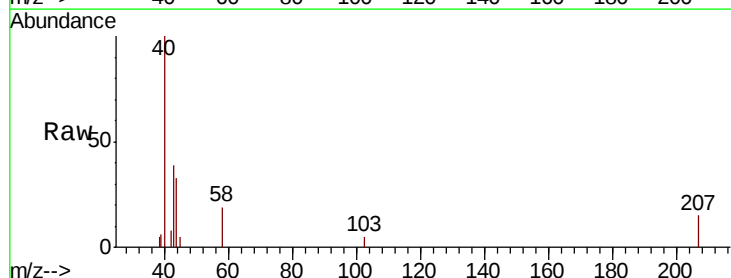
Acq: 09 Jan 2020 13:25

Tgt Ion: 43 Resp: 3192

Ion Ratio Lower Upper

43 100

58 48.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

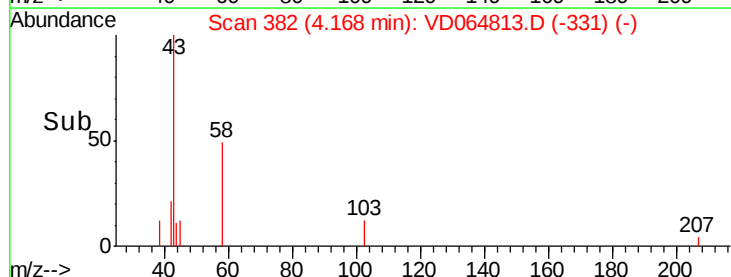
1500

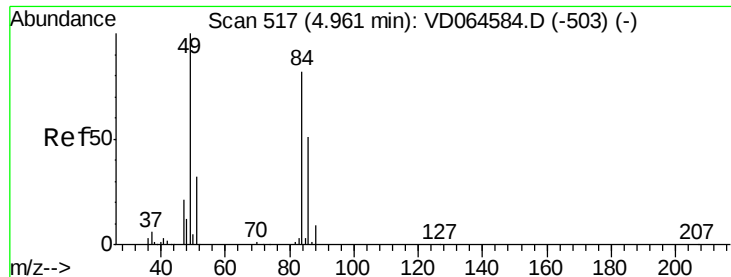
1000

500

0

Time-->

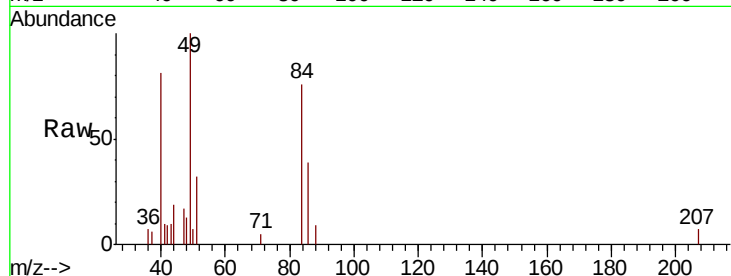




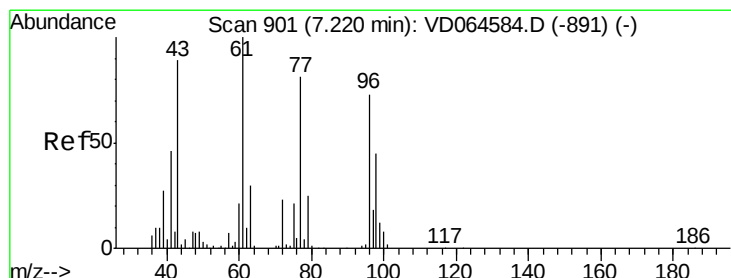
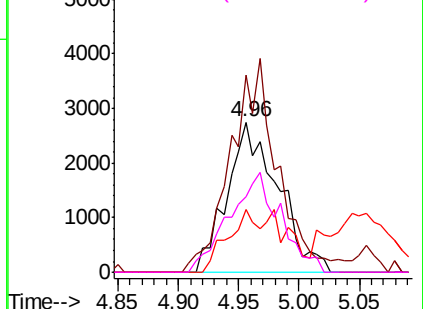
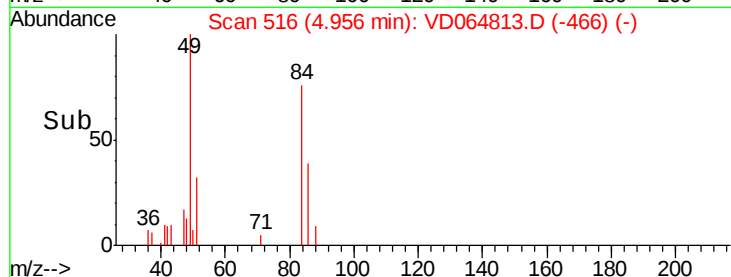
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 8008
Ion Ratio Lower Upper
84 100
49 124.9 97.2 145.8
51 41.8 31.4 47.0
86 50.7 49.3 73.9

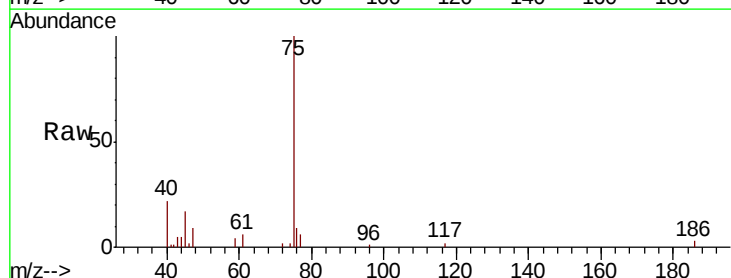


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

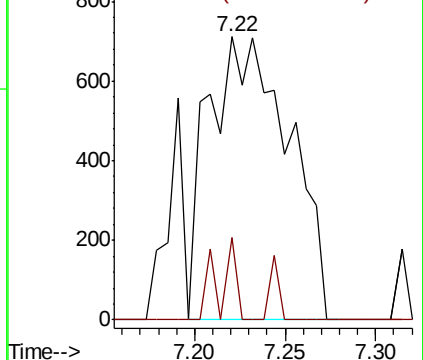
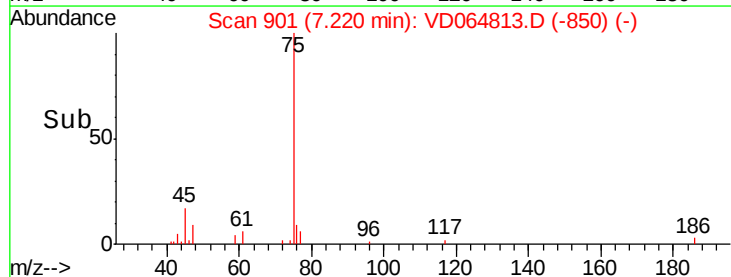


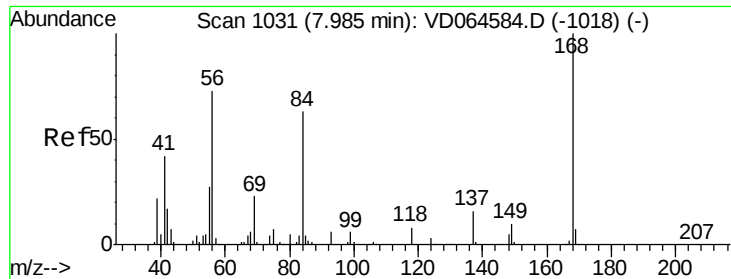
#25
2-Butanone
Concen: 1.826 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
72 29.0 20.7 31.1



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

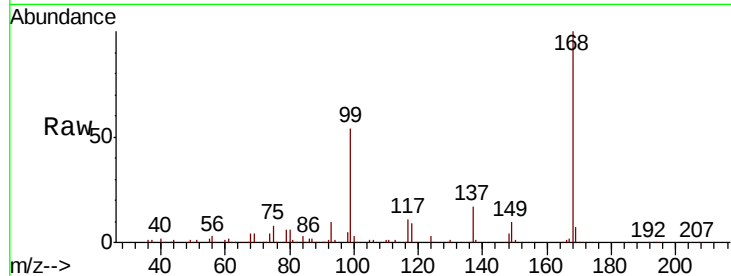




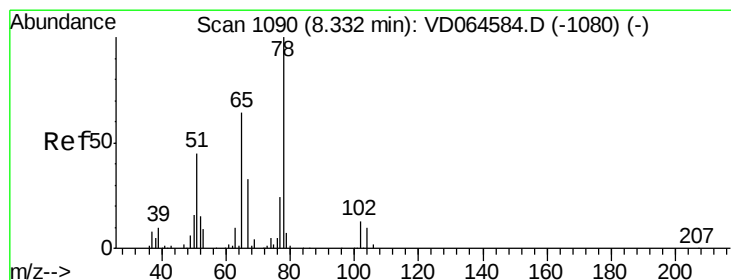
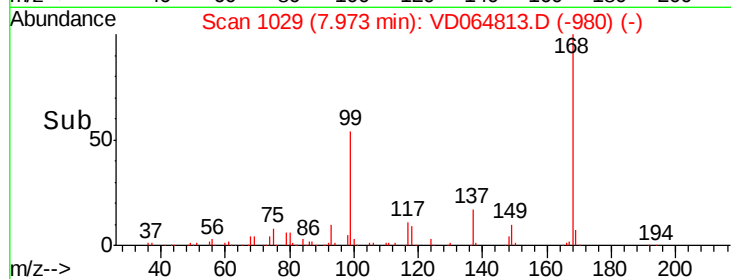
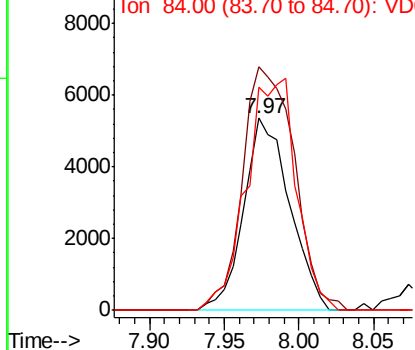
#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 11447
Ion Ratio Lower Upper
56 100
69 126.9 24.7 37.1#
84 116.5 69.4 104.2#

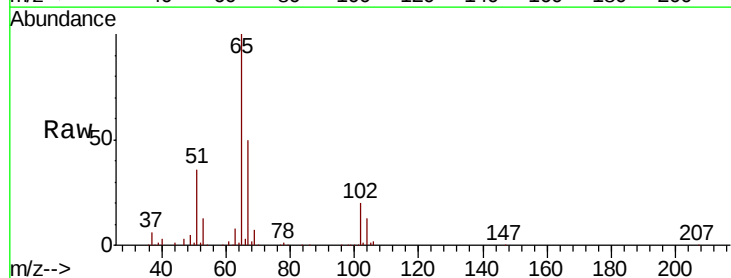


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

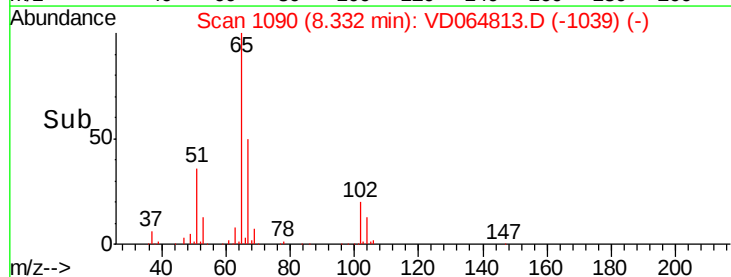
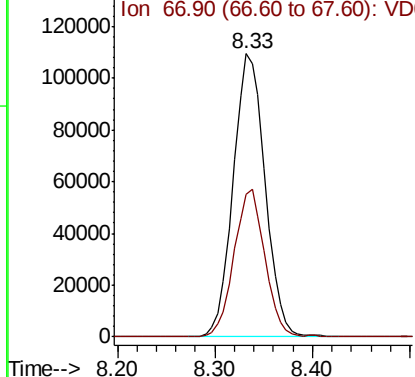


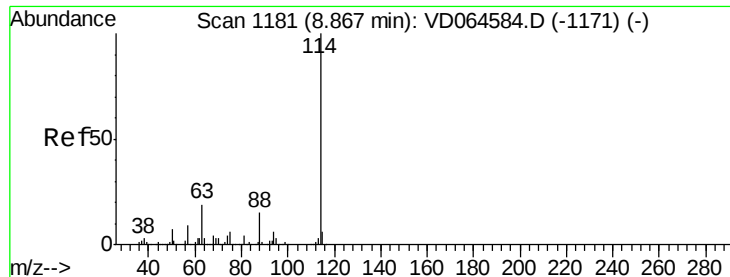
#33
1,2-Dichloroethane-d4
Concen: 56.351 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion: 65 Resp: 248497
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.2



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

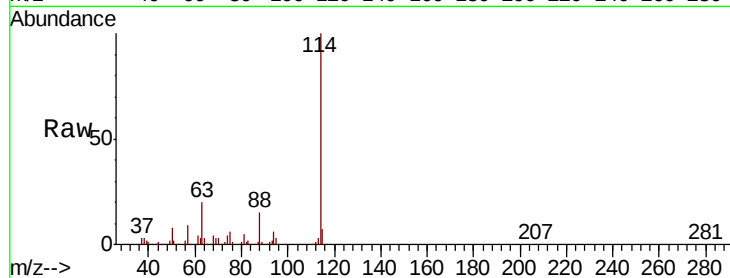




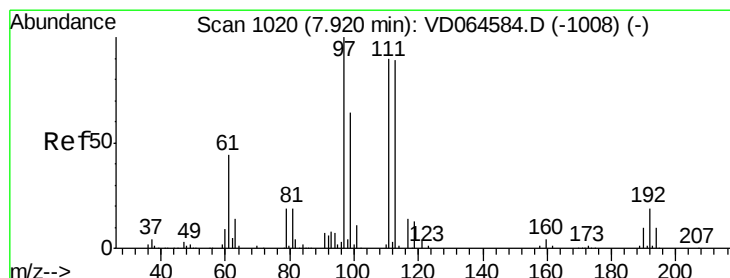
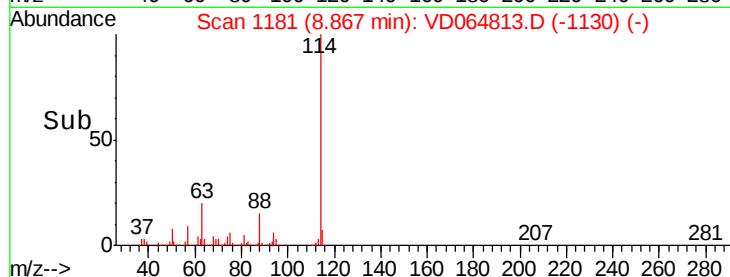
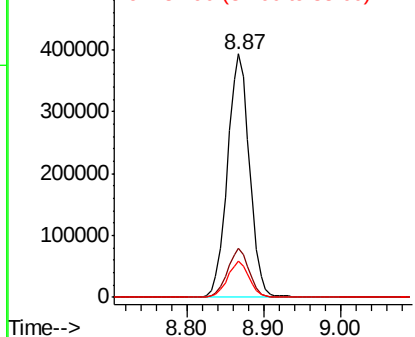
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064813.D
 Acq: 09 Jan 2020 13:25

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:114 Resp: 785296
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.9 0.0 29.2

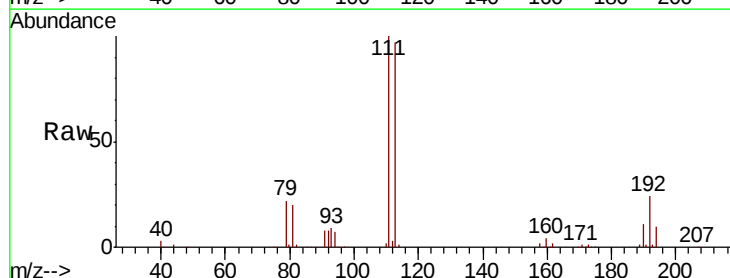


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

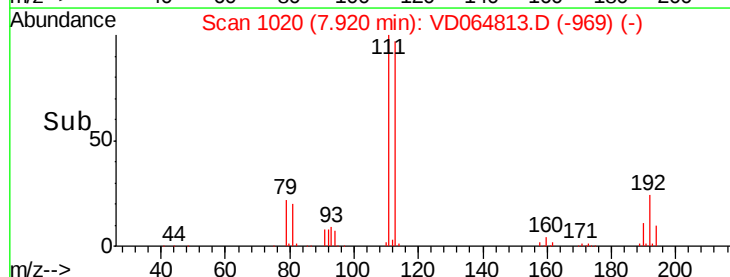
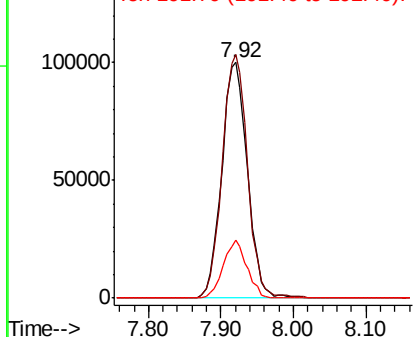


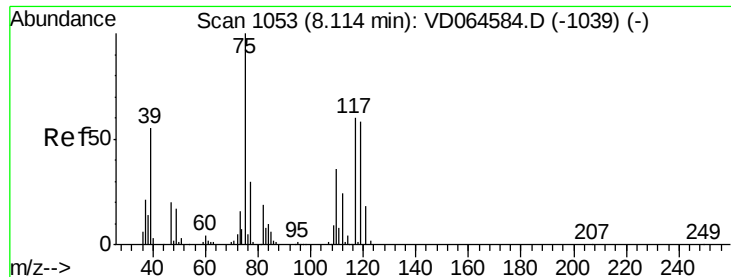
#35
 Dibromofluoromethane
 Concen: 50.977 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064813.D
 Acq: 09 Jan 2020 13:25

Tgt Ion:113 Resp: 245602
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.6 121.0
 192 22.8 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

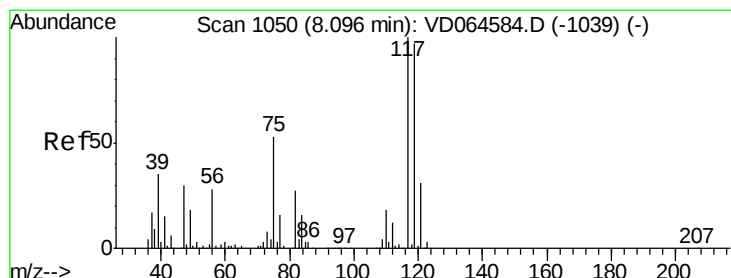
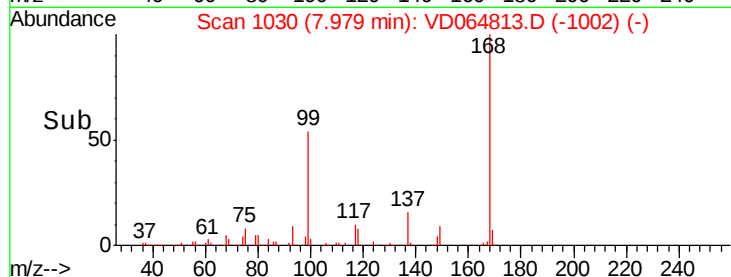
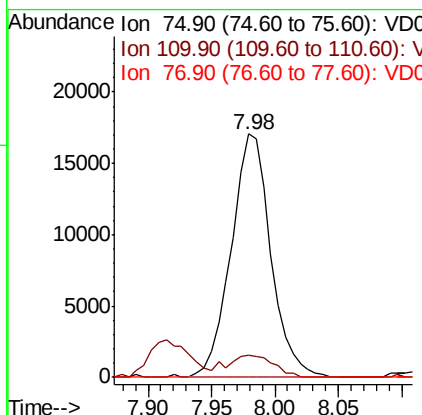
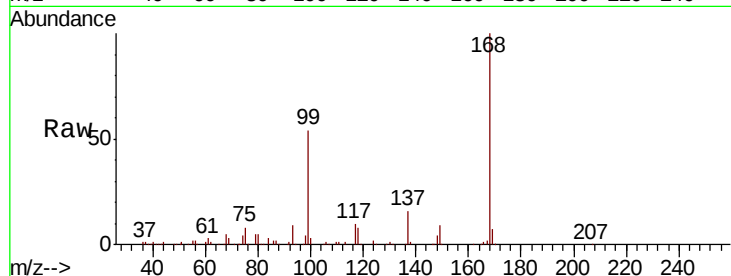




#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064813.D
 Acq: 09 Jan 2020 13:25

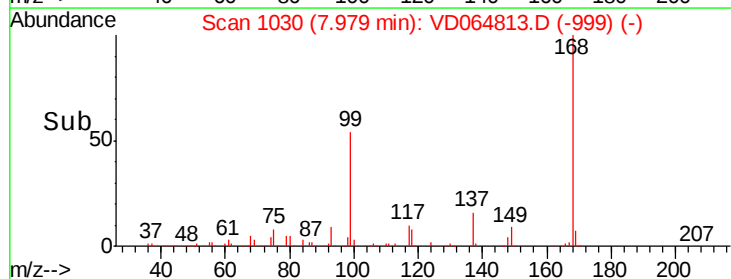
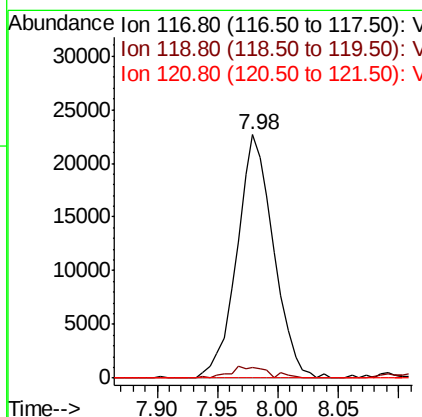
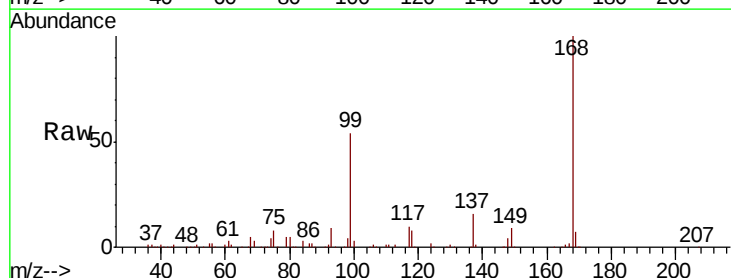
Instrument :
 MSVOA_D
 ClientSampled :

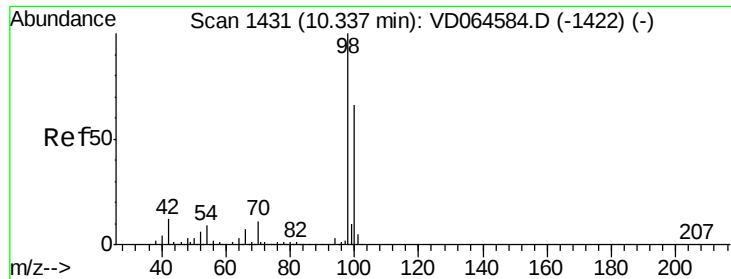
Tot Ion: 75 Resp: 37003
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.1 54.1#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.923 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064813.D
 Acq: 09 Jan 2020 13:25

Tgt Ion: 117 Resp: 47736
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.3 115.9#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 51.044 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064813.D

Acq: 09 Jan 2020 13:25

Instrument :

MSVOA_D

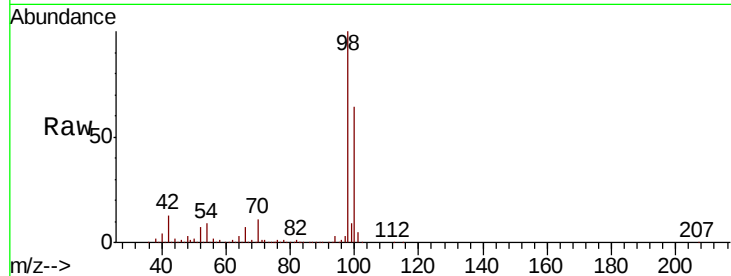
ClientSampleId :

Tot Ion: 98 Resp: 941865

Ion Ratio Lower Upper

98 100

100 64.4 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

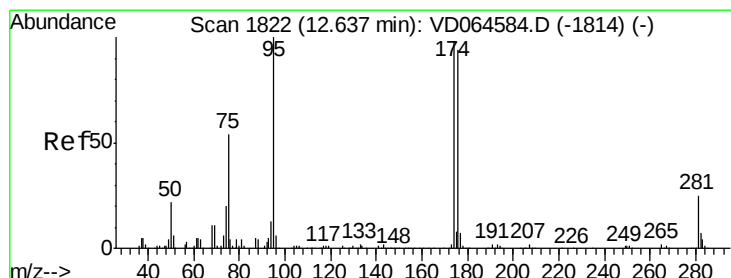
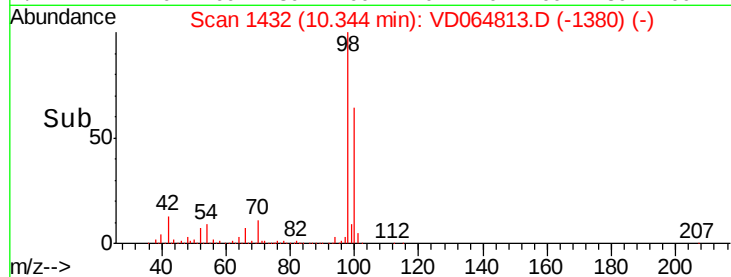
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.404 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064813.D

Acq: 09 Jan 2020 13:25

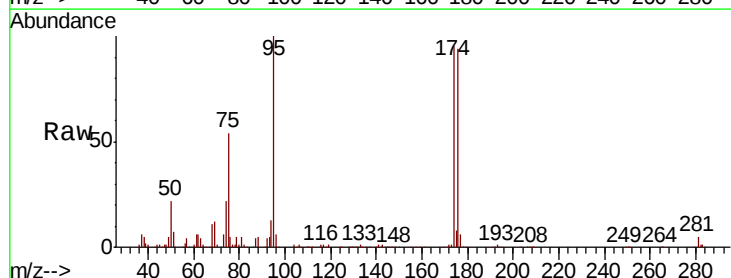
Tgt Ion: 95 Resp: 276590

Ion Ratio Lower Upper

95 100

174 93.8 0.0 193.2

176 90.8 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

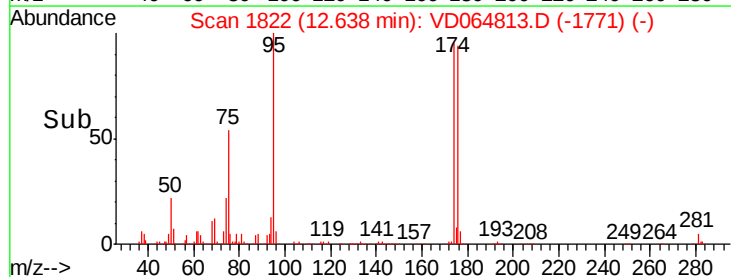
150000

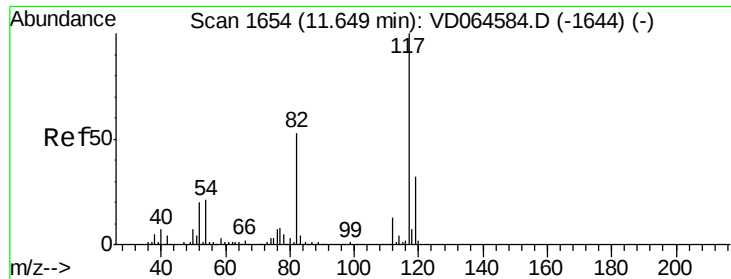
100000

50000

0

Time-->

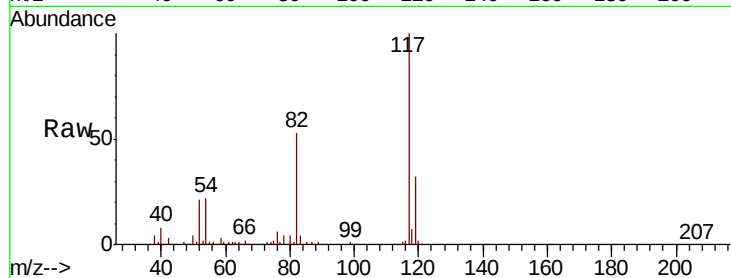




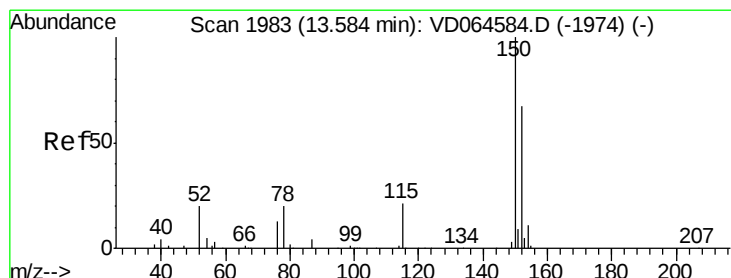
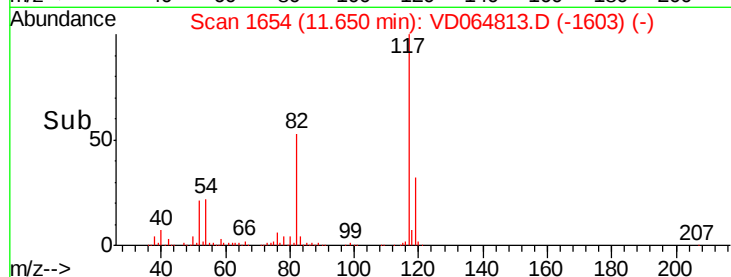
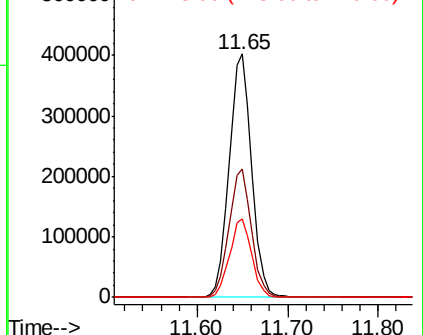
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 693353
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.3 26.0 39.0

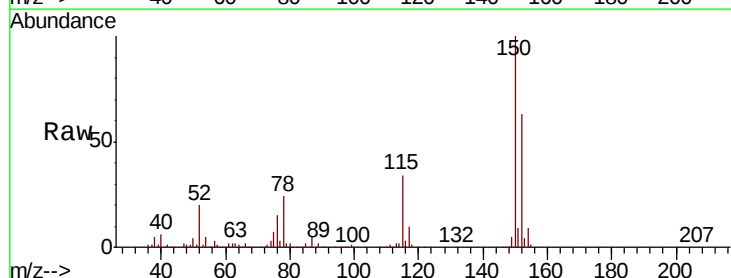


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

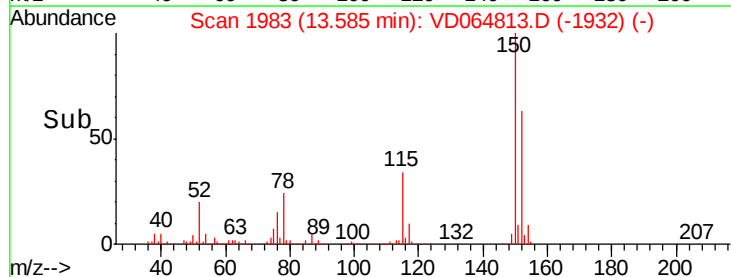
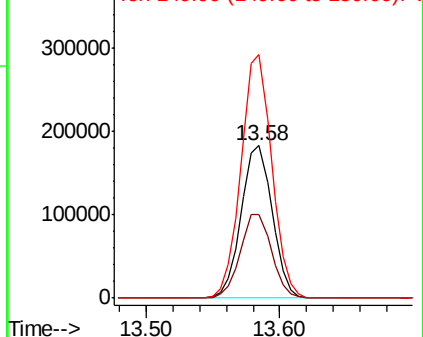


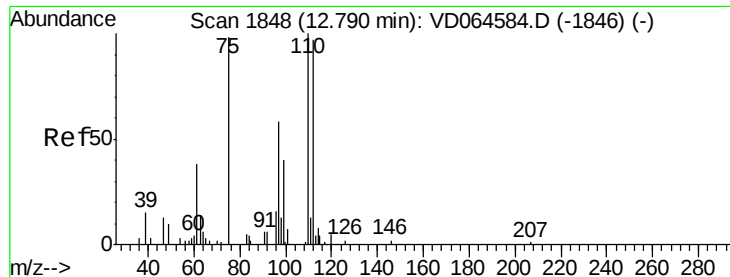
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064813.D
Acq: 09 Jan 2020 13:25

Tgt Ion:152 Resp: 293904
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 158.5 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: 63.859 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064813.D

Acq: 09 Jan 2020 13:25

Instrument :

MSVOA_D

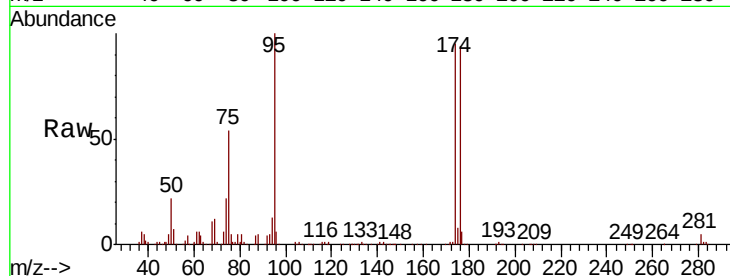
ClientSampleId :

Tot Ion: 75 Resp: 148206

Ion Ratio Lower Upper

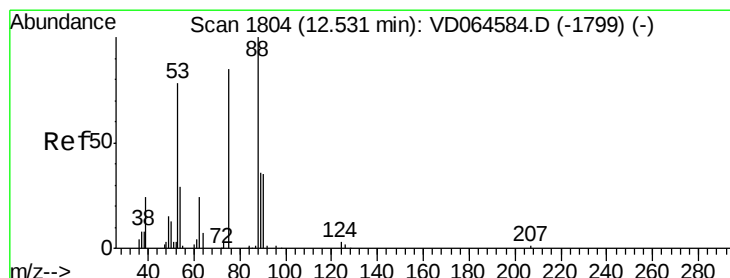
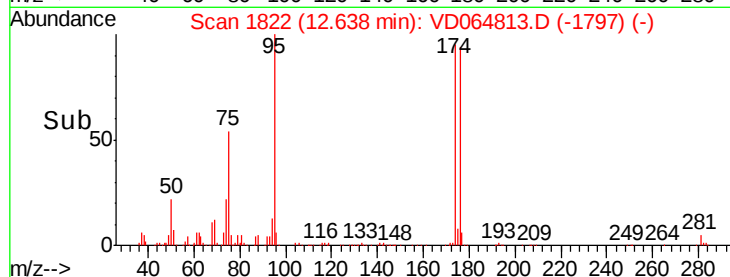
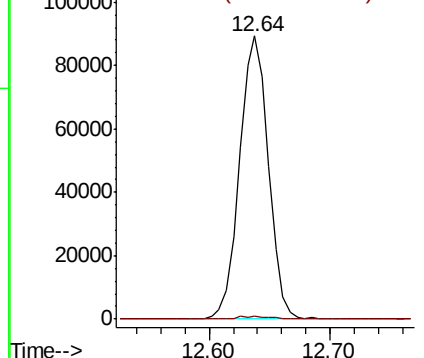
75 100

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: 133.558 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064813.D

Acq: 09 Jan 2020 13:25

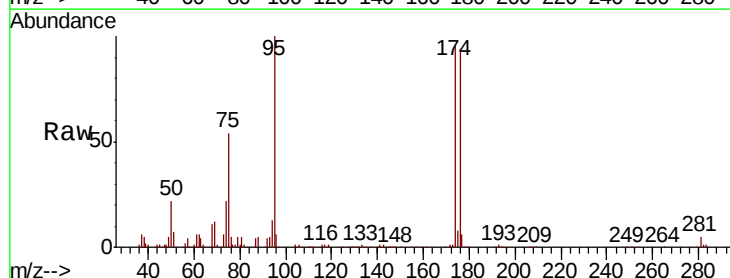
Tgt Ion: 75 Resp: 148206

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

