

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064816.D
 Acq On : 09 Jan 2020 14:51
 Operator : VA/SY
 Sample : L1051-03
 Misc : 6.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 16:20:04 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

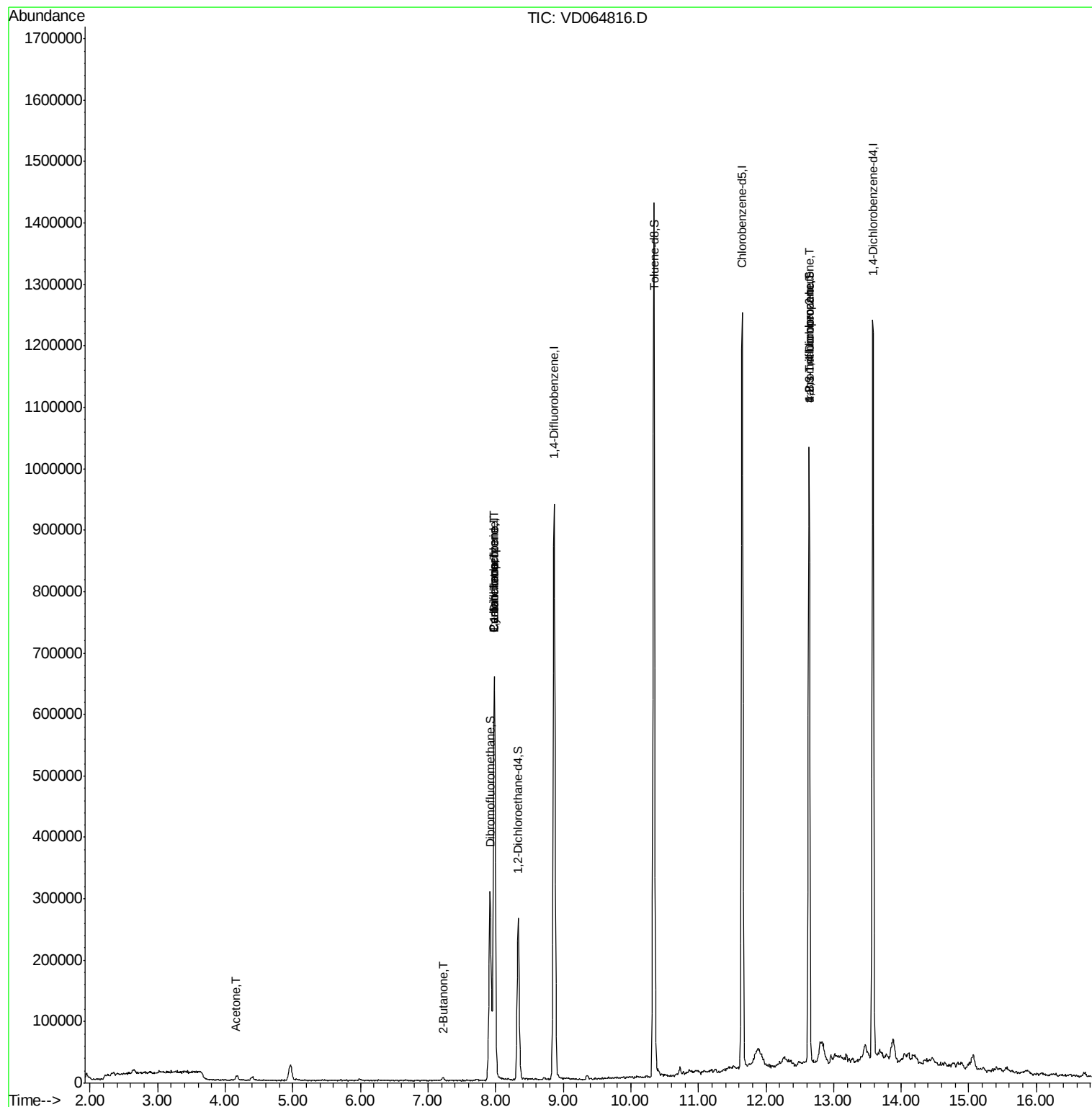
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	701958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	205578	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	7.91	113	210360	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
50) Toluene-d8	10.34	98	947823	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.64	95	289368	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
Target Compounds						
16) Acetone	4.16	43	14060	17.803	ug/l #	82
20) Methylene Chloride	4.96	84	19566	Below Cal		86
25) 2-Butanone	7.23	43	4745	3.986	ug/l	91
31) Cyclohexane	7.98	56	11844	1.467	ug/l #	34
36) 1,1-Dichloropropene	7.98	75	36786	4.862	ug/l #	51
38) Carbon Tetrachloride	7.98	117	45687	5.664	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	153908	59.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153908	125.415	ug/l #	10

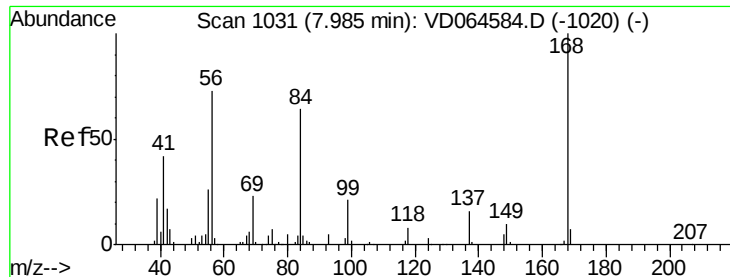
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064816.D
Acq On : 09 Jan 2020 14:51
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 09 16:20:04 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: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

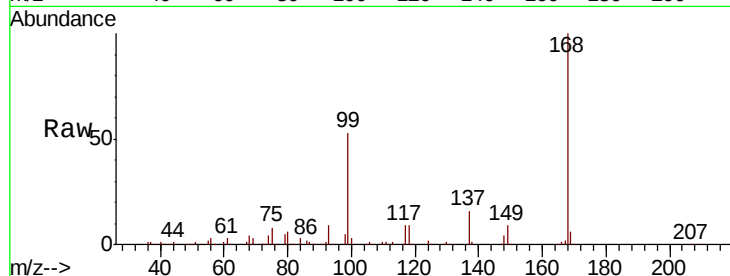
ClientSampleId :

Tot Ion:168 Resp: 491102

Ion Ratio Lower Upper

168 100

99 53.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

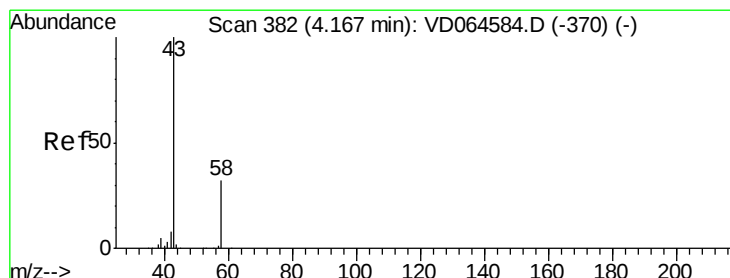
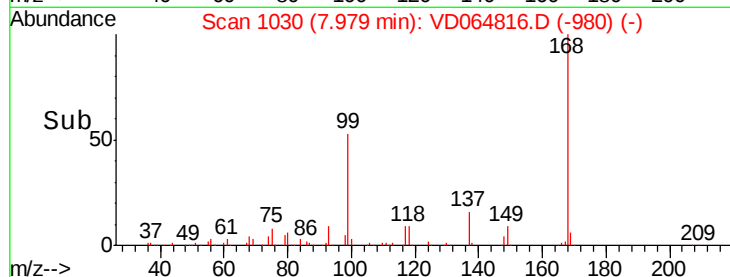
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.803 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064816.D

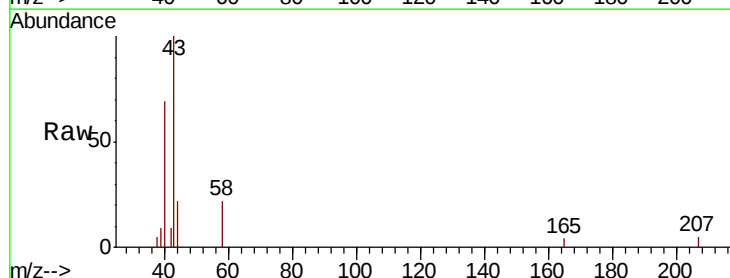
Acq: 09 Jan 2020 14:51

Tgt Ion: 43 Resp: 14060

Ion Ratio Lower Upper

43 100

58 22.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

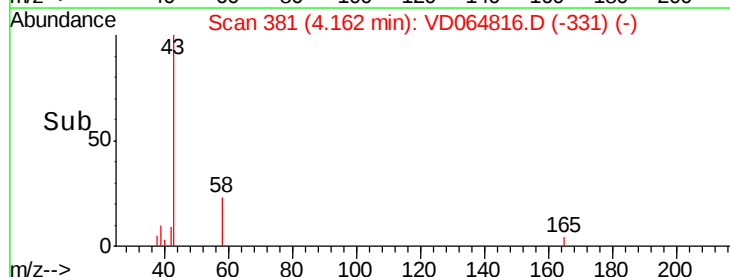
3000

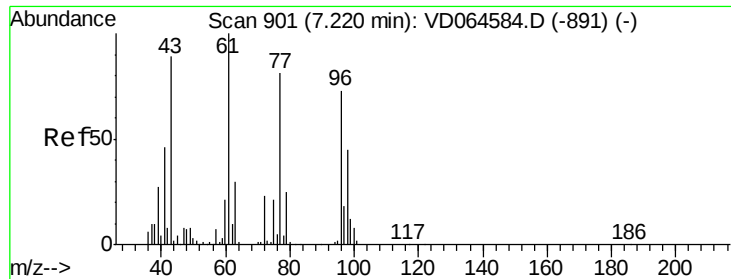
2000

1000

0

Time-->

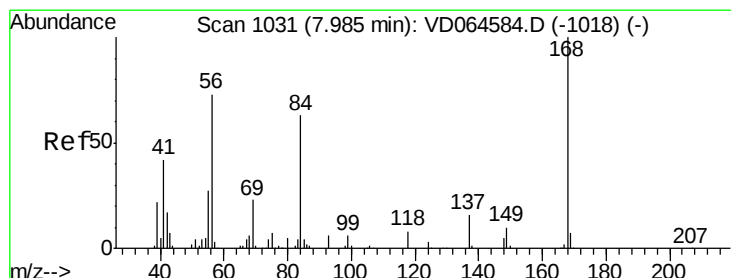
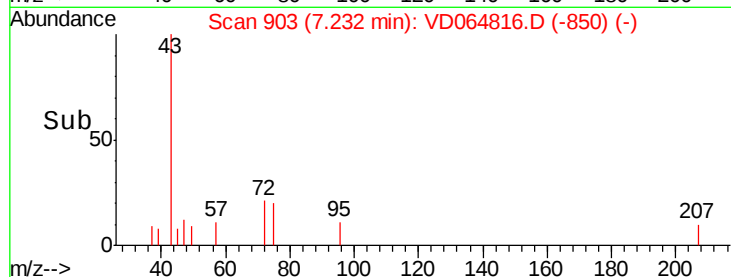
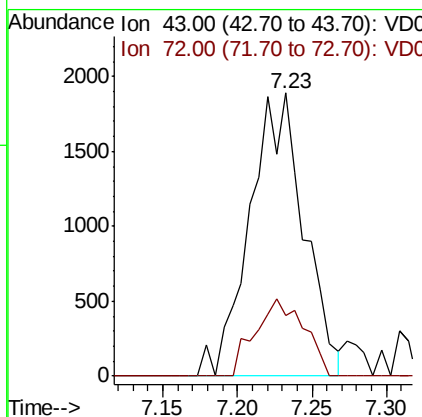
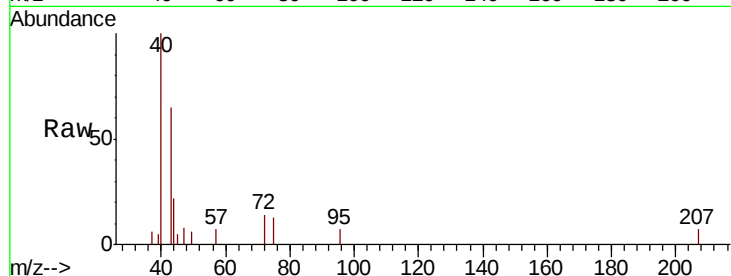




#25
2-Butanone
Concen: 3.986 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

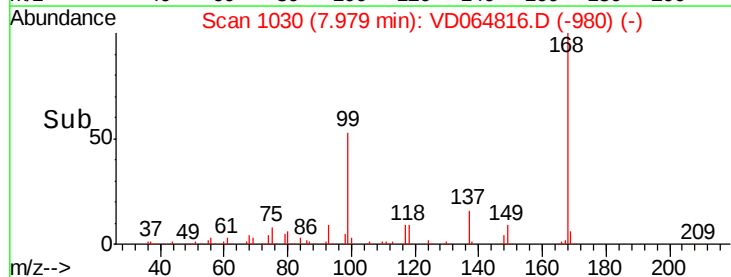
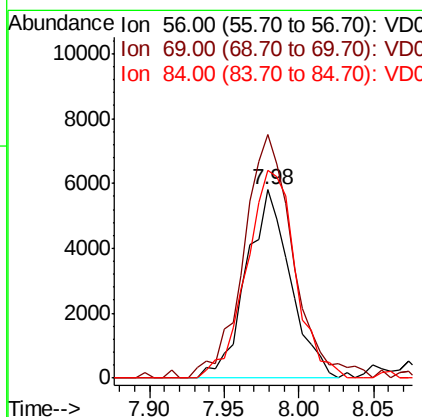
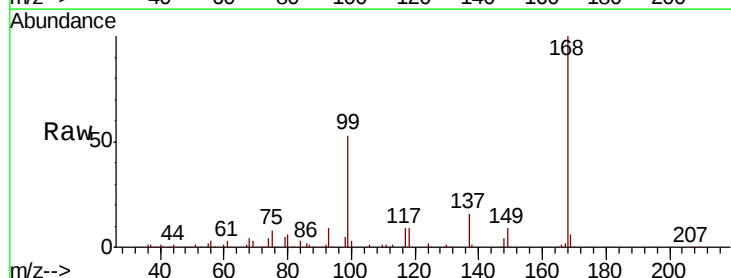
Instrument :
MSVOA_D
ClientSampleId :

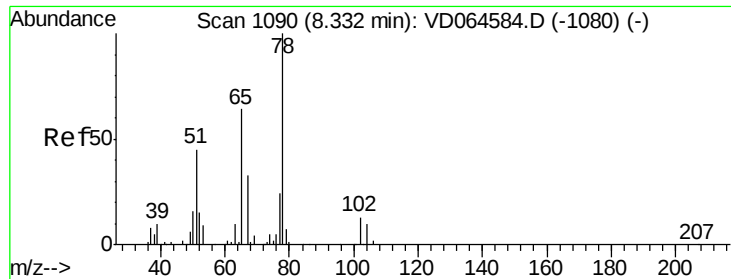
Tot Ion: 43 Resp: 4745
Ion Ratio Lower Upper
43 100
72 21.3 20.7 31.1



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Tgt Ion: 56 Resp: 11844
Ion Ratio Lower Upper
56 100
69 129.2 24.7 37.1#
84 110.0 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

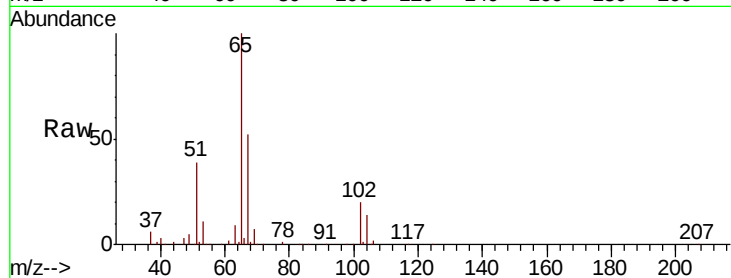
ClientSampled :

Tot Ion: 65 Resp: 205578

Ion Ratio Lower Upper

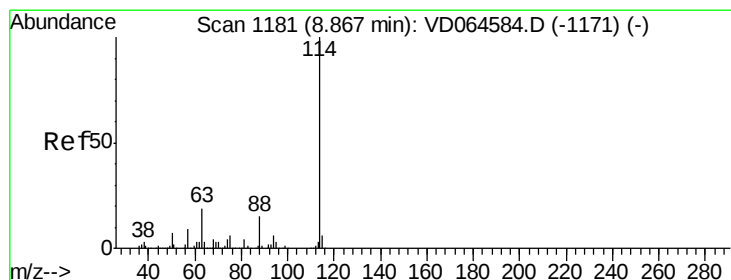
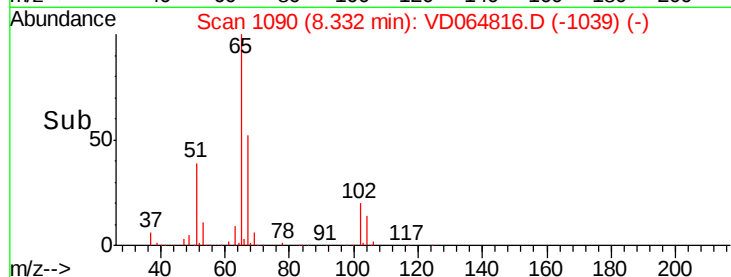
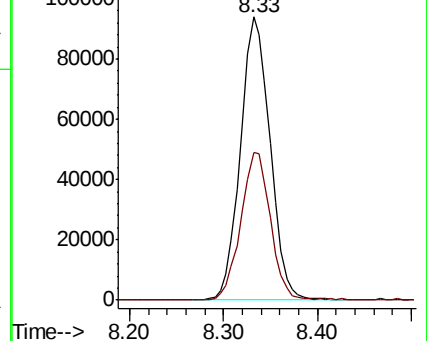
65 100

67 52.2 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: VD064816.D

Acq: 09 Jan 2020 14:51

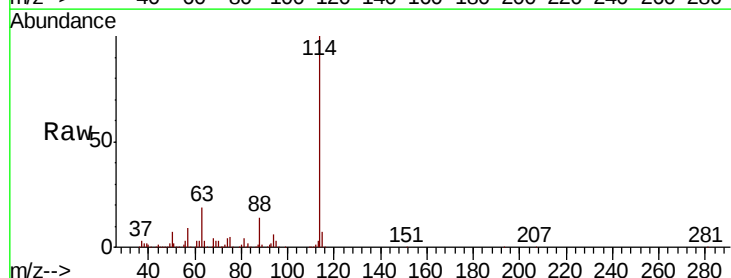
Tgt Ion: 114 Resp: 786003

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

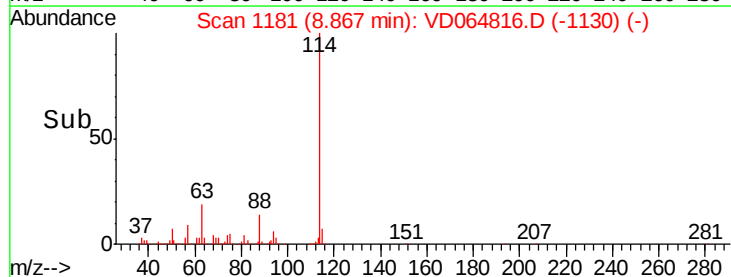
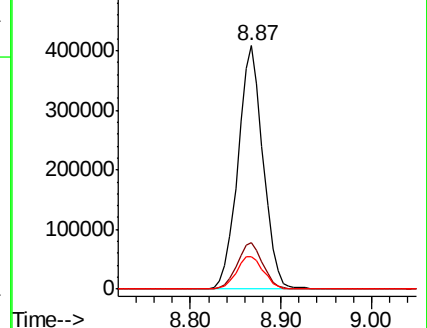
88 13.5 0.0 29.2

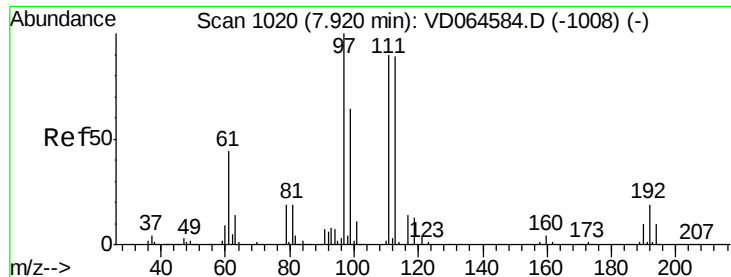


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

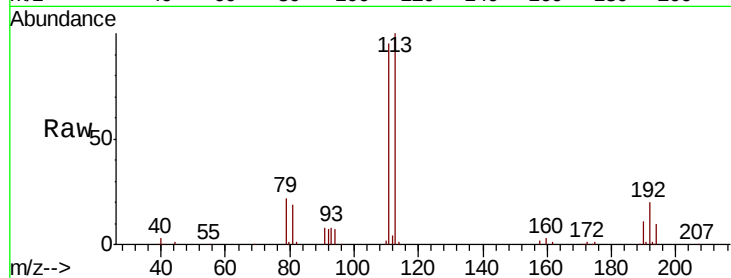




#35
 Dibromofluoromethane
 Concen: 43.623 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064816.D
 Acq: 09 Jan 2020 14:51

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.6	121.0
192	21.4	17.9	26.9

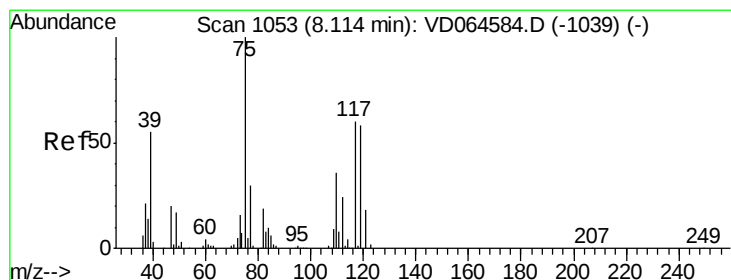
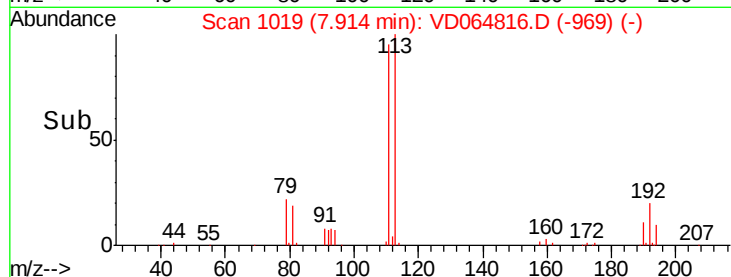
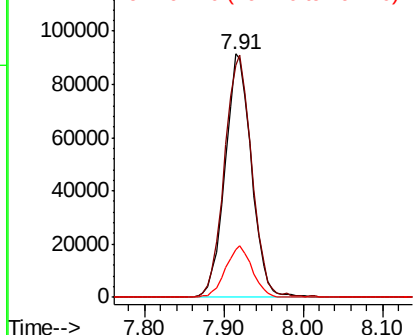


Abundance

Ion 112.80 (112.50 to 113.50): V

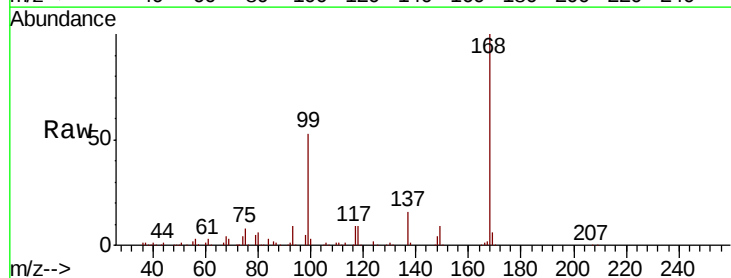
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.862 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064816.D
 Acq: 09 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.2	24.2	36.4#

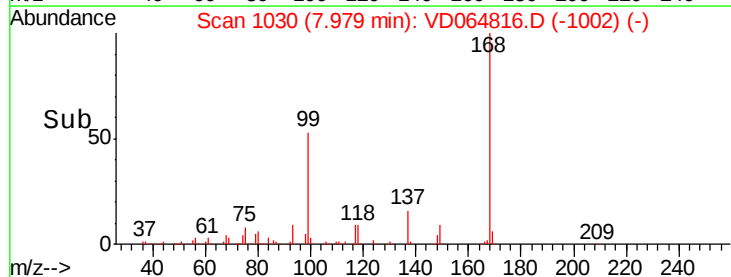
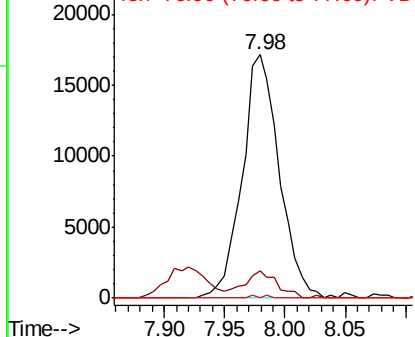


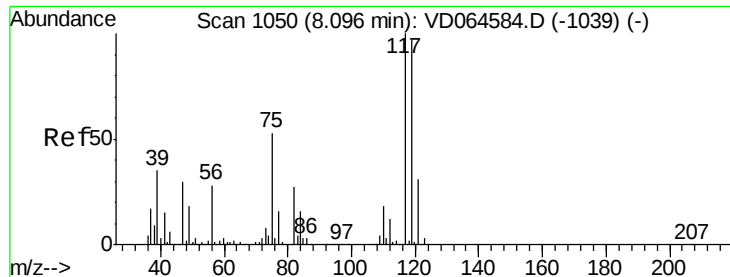
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.664 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

ClientSampled :

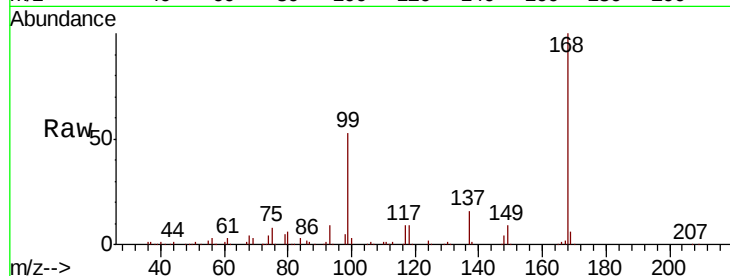
Tot Ion:117 Resp: 45687

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

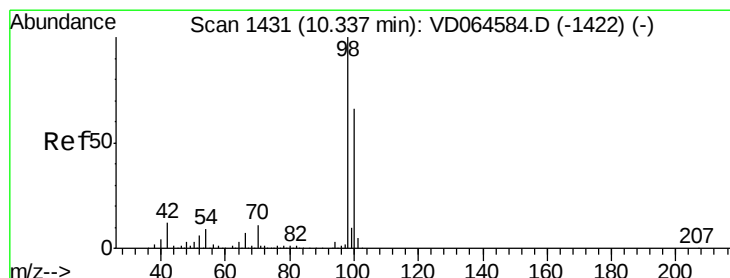
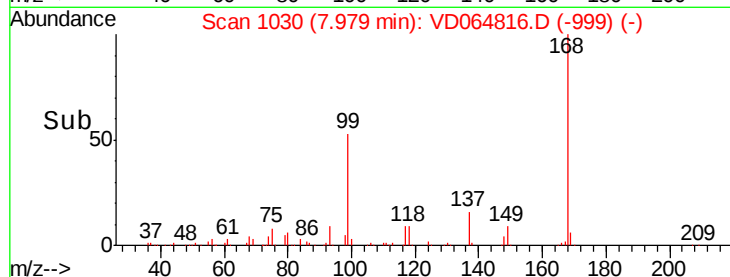
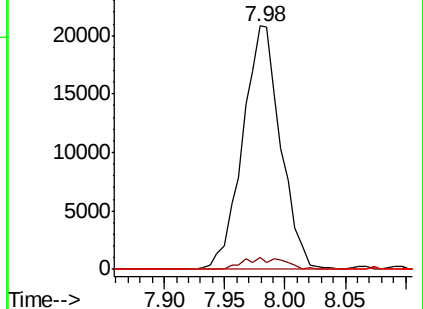
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.320 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064816.D

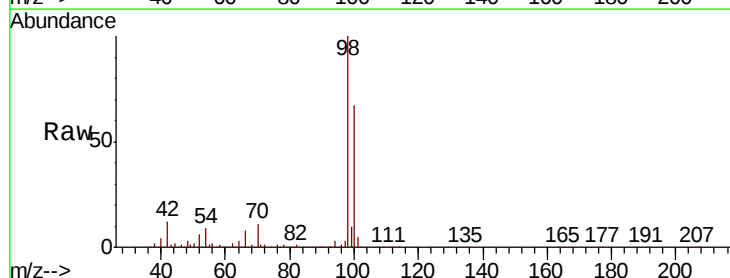
Acq: 09 Jan 2020 14:51

Tgt Ion: 98 Resp: 947823

Ion Ratio Lower Upper

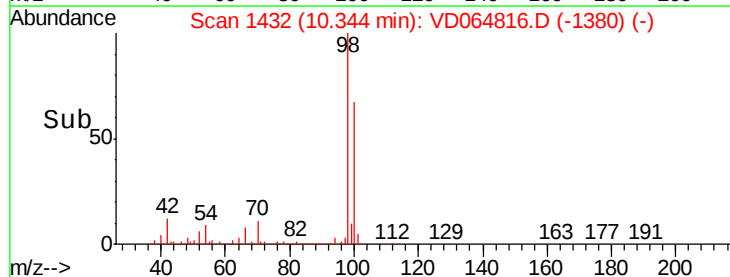
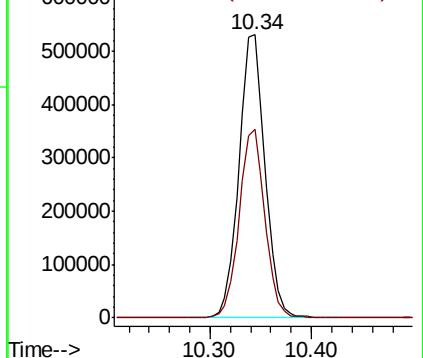
98 100

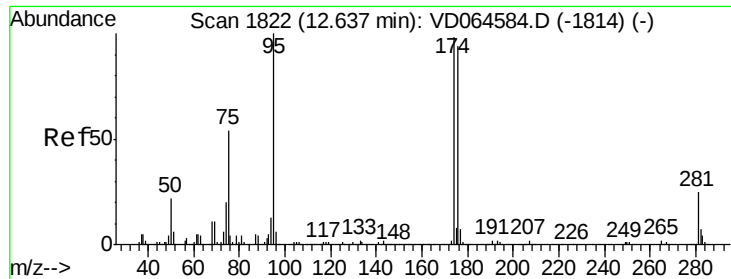
100 65.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

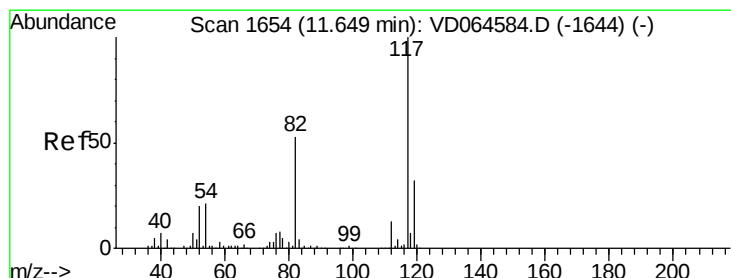
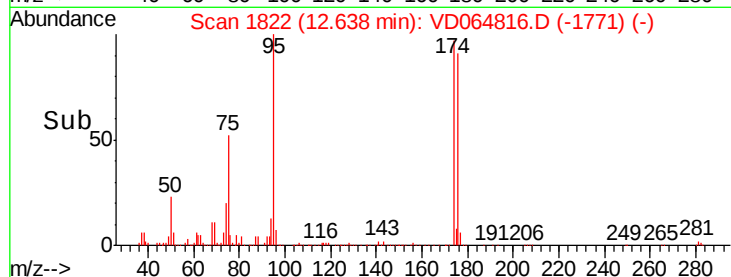
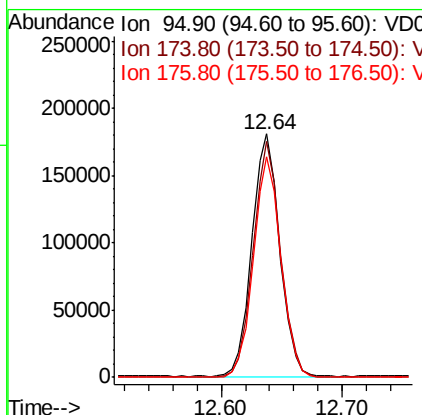
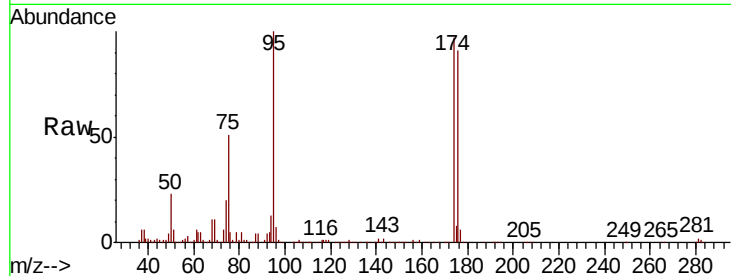




#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

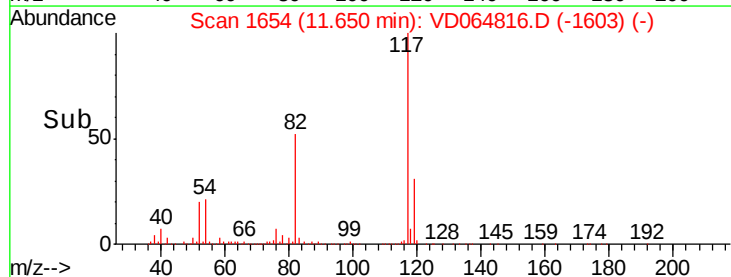
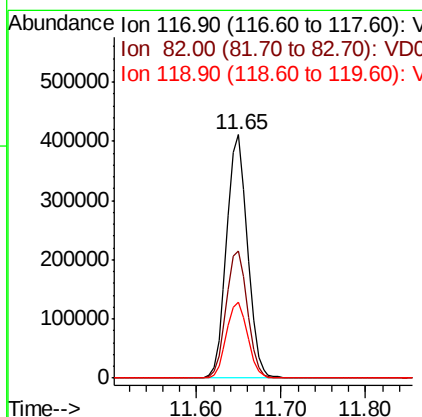
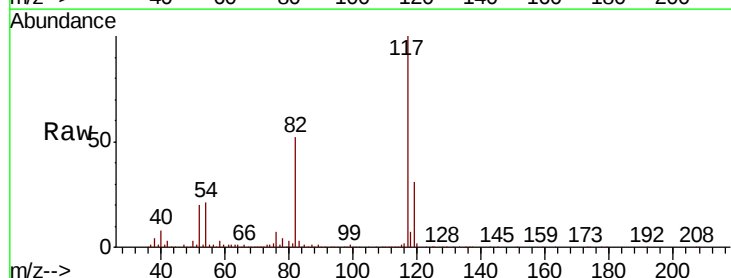
Instrument :
MSVOA_D
ClientSampled :

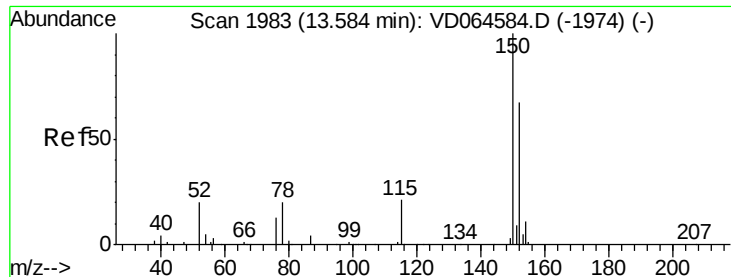
Tot Ion: 95 Resp: 289368
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 89.9 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064816.D
Acq: 09 Jan 2020 14:51

Tgt Ion: 117 Resp: 701958
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 31.4 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: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

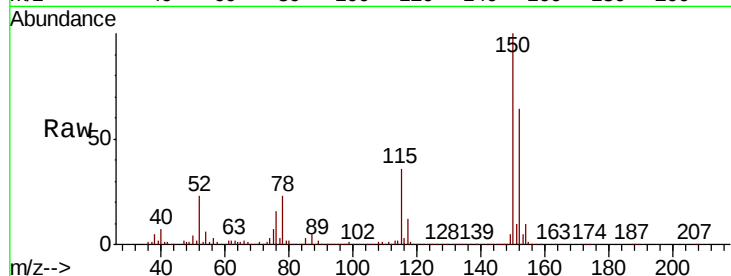
Tot Ion:152 Resp: 325030

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

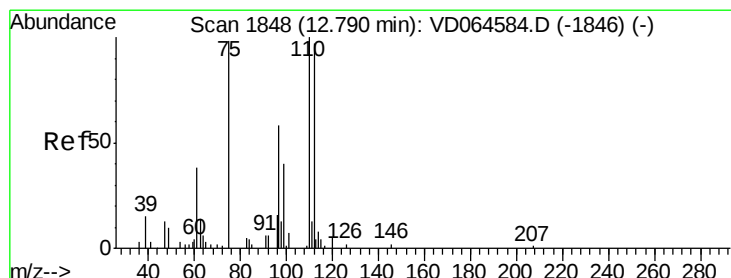
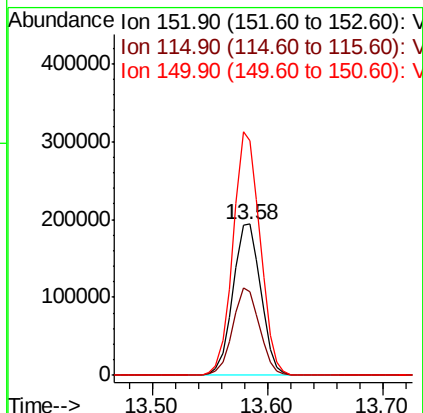
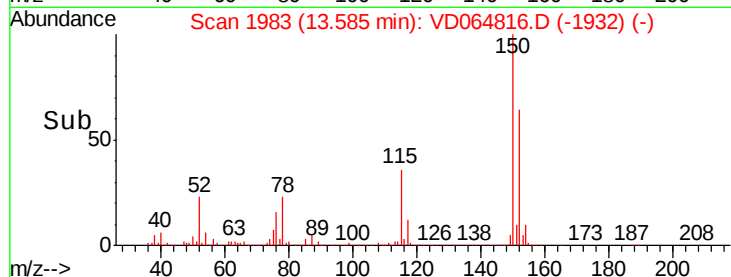
150 155.7 0.0 351.4



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: 59.965 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064816.D

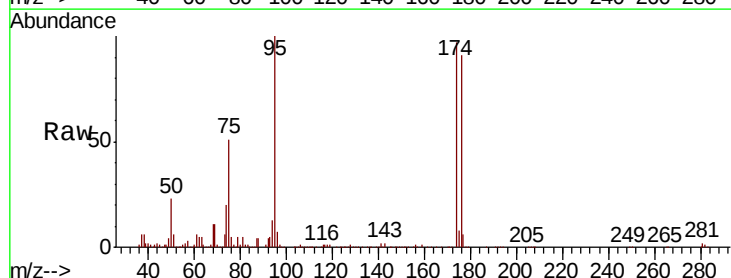
Acq: 09 Jan 2020 14:51

Tgt Ion: 75 Resp: 153908

Ion Ratio Lower Upper

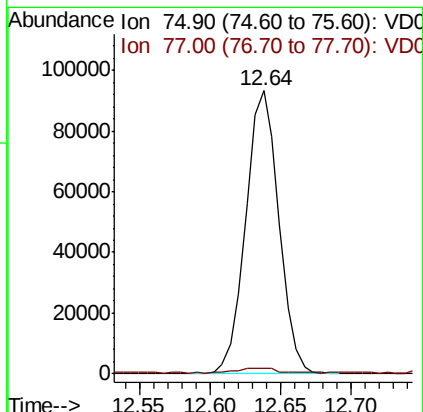
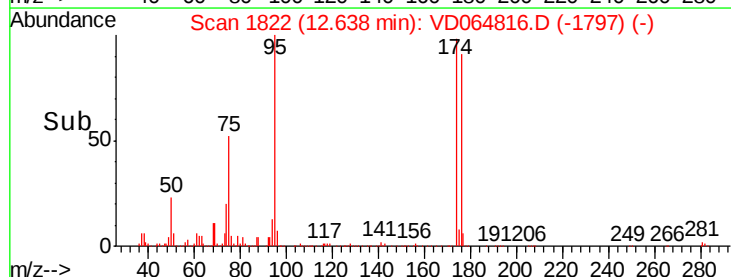
75 100

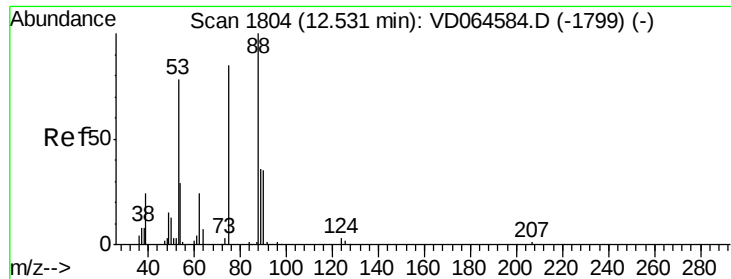
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 125.415 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064816.D

Acq: 09 Jan 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 153908

Ion Ratio Lower Upper

75 100

53 0.3 78.8 118.2#

89 0.0 38.3 57.5#

