

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010620\
 Data File : VD064781.D
 Acq On : 06 Jan 2020 19:06
 Operator : VA/SY
 Sample : K6482-03RE
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 07 00:38:08 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

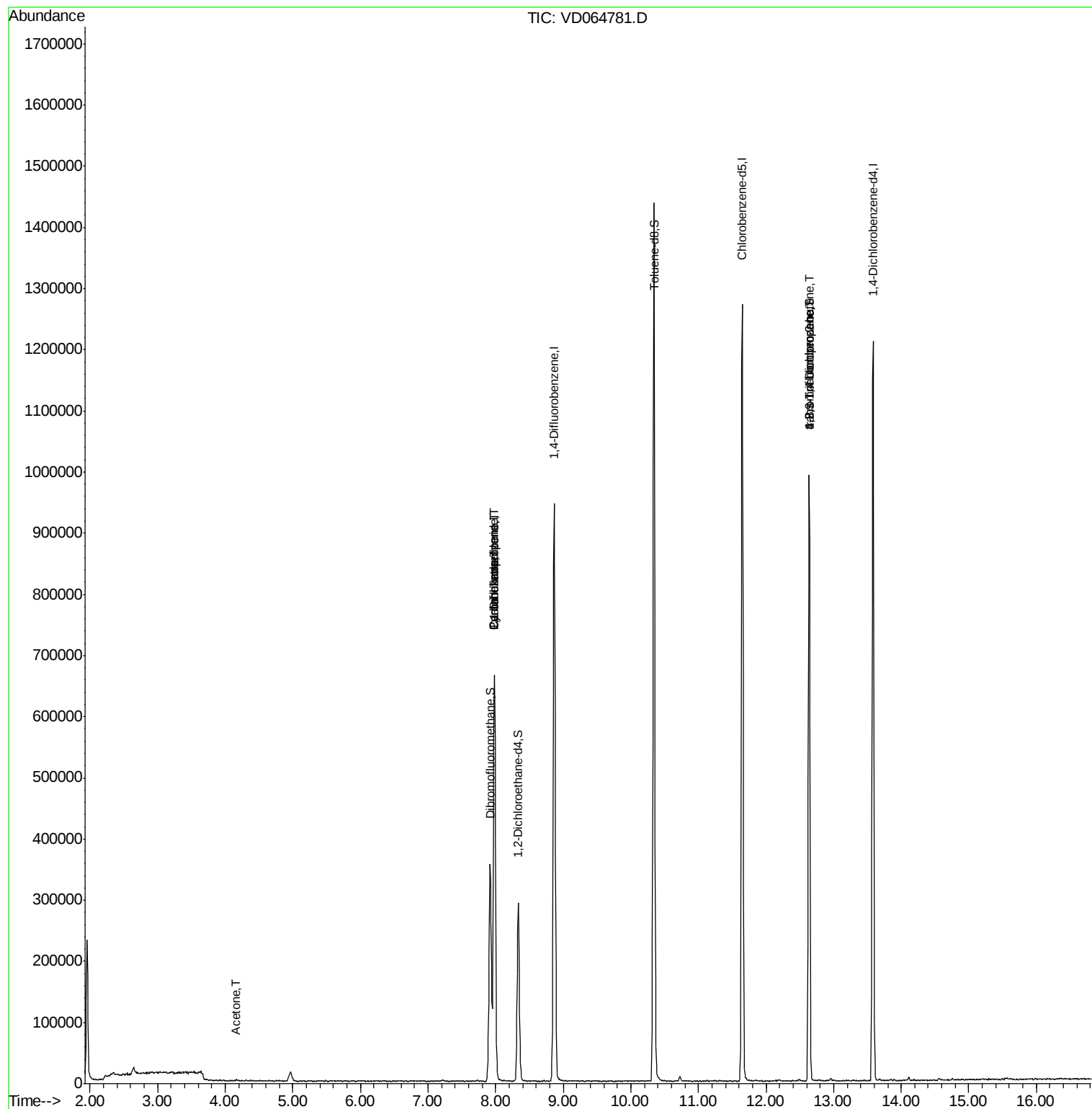
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	522449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	804770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	711335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231595	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	7.92	113	247456	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.34	98	964864	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.64	95	289515	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
16) Acetone	4.17	43	2563	6.515	ug/l	91
20) Methylene Chloride	4.97	84	10451	Below Cal	#	86
31) Cyclohexane	7.98	56	11255	1.310	ug/l #	44
36) 1,1-Dichloropropene	7.98	75	37200	4.803	ug/l #	52
38) Carbon Tetrachloride	7.98	117	49619	6.008	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	156489	61.270	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	156489	128.144	ug/l #	10

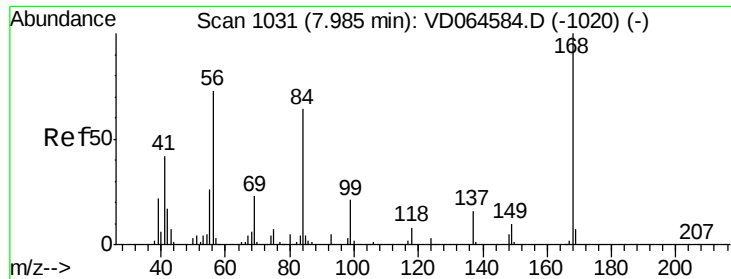
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010620\
Data File : VD064781.D
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Instrument :
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Quant Time: Jan 07 00:38:08 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: VD064781.D

Acq: 06 Jan 2020 19:06

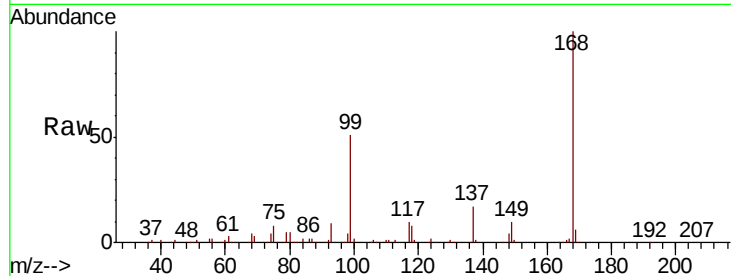
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 522449

Ion Ratio Lower Upper

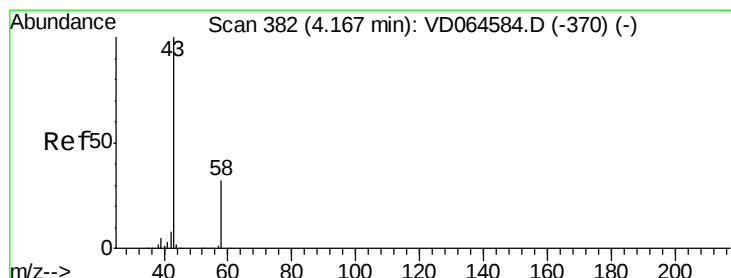
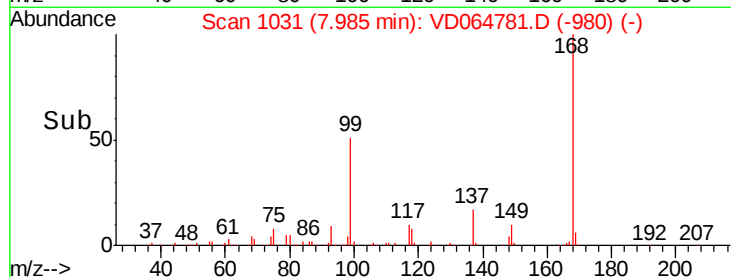
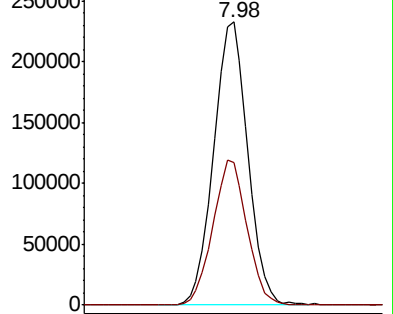
168 100

99 50.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.515 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064781.D

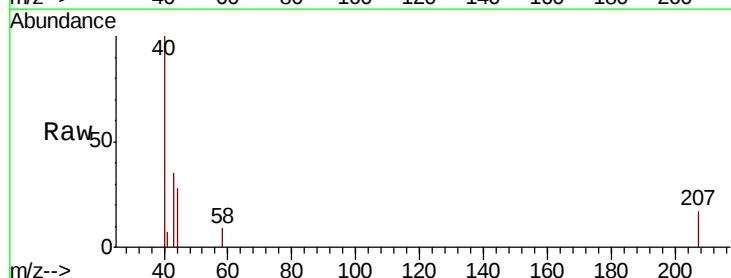
Acq: 06 Jan 2020 19:06

Tgt Ion: 43 Resp: 2563

Ion Ratio Lower Upper

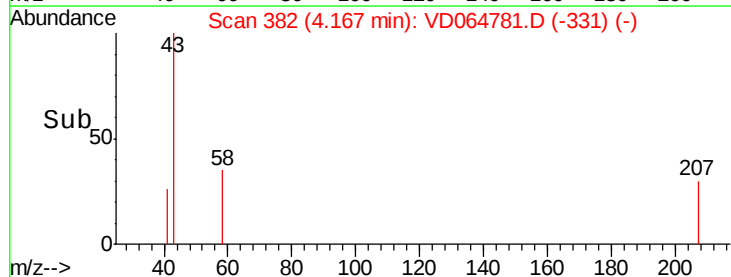
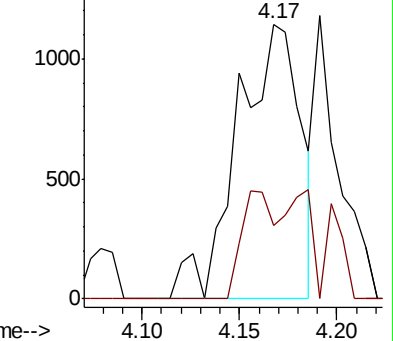
43 100

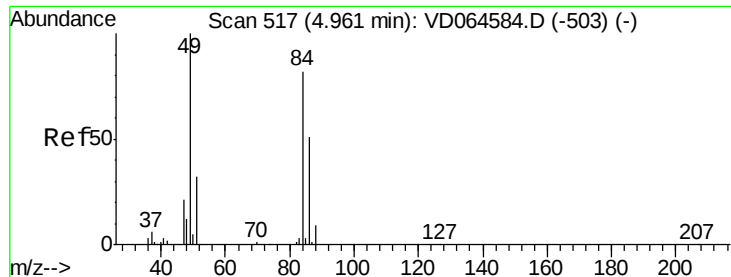
58 26.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

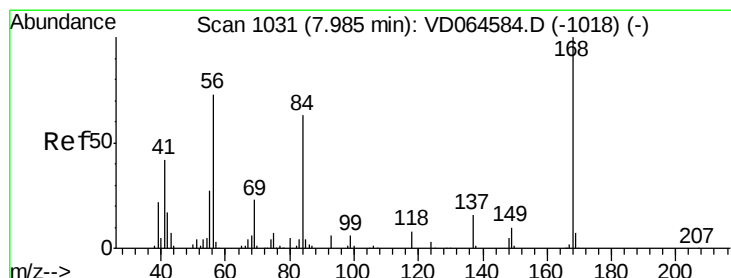
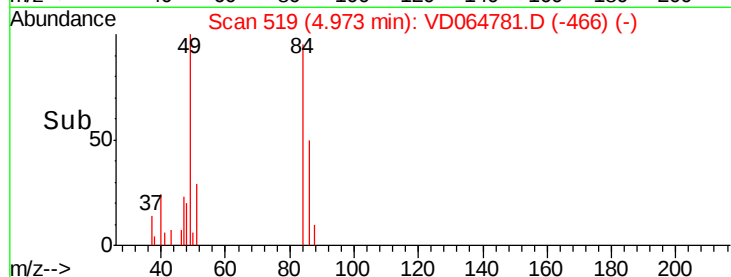
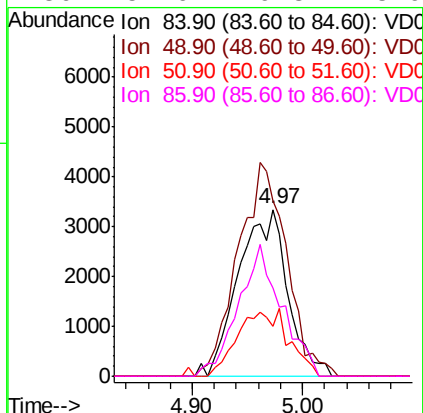
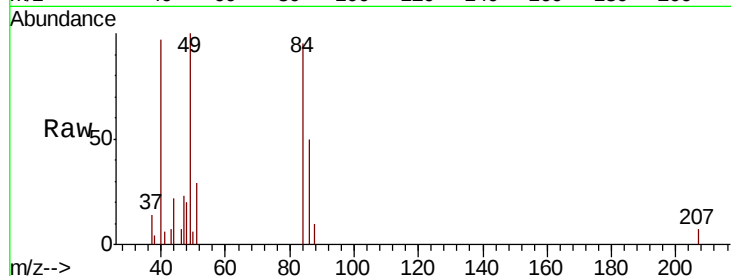




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064781.D
Acq: 06 Jan 2020 19:06

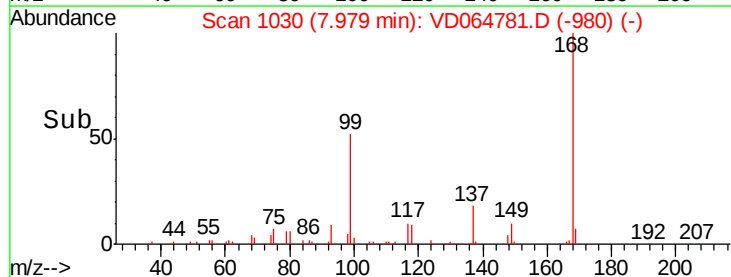
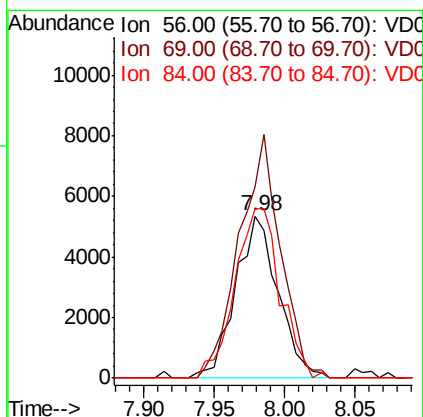
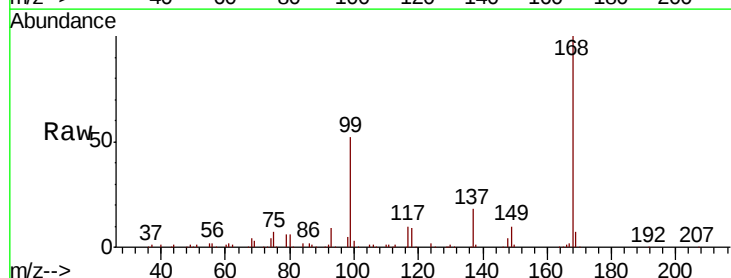
Instrument :
MSVOA_D
ClientSampled :

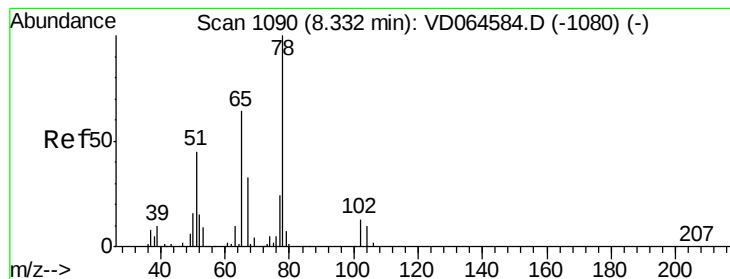
Tot Ion: 84 Resp: 10451
Ion Ratio Lower Upper
84 100
49 105.4 97.2 145.8
51 30.3 31.4 47.0#
86 52.6 49.3 73.9



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064781.D
Acq: 06 Jan 2020 19:06

Tgt Ion: 56 Resp: 11255
Ion Ratio Lower Upper
56 100
69 117.6 24.7 37.1#
84 104.7 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 50.271 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064781.D

Acq: 06 Jan 2020 19:06

Instrument :

MSVOA_D

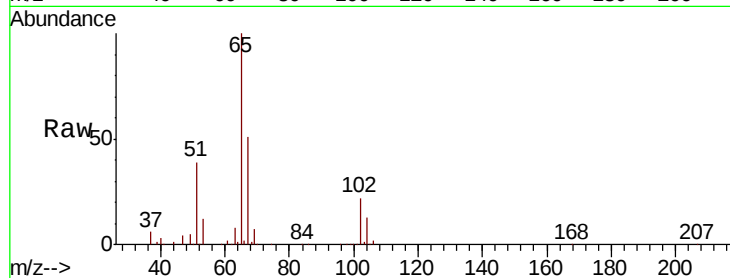
ClientSampled :

Tot Ion: 65 Resp: 231595

Ion Ratio Lower Upper

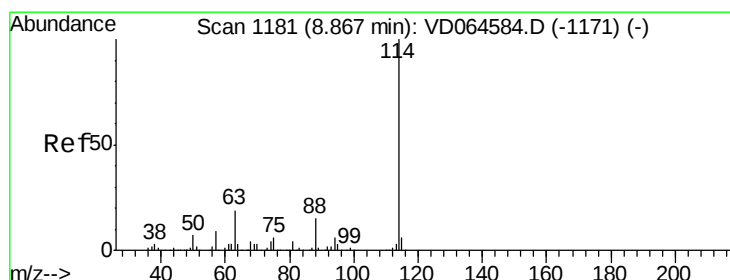
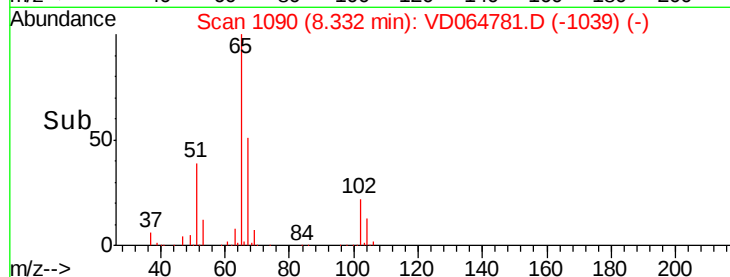
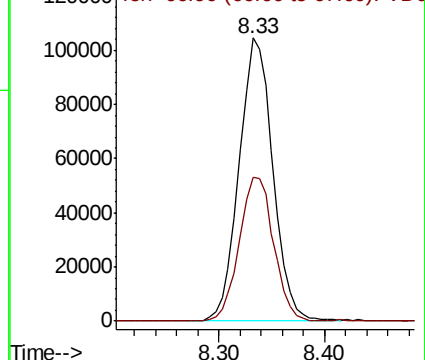
65 100

67 52.0 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: VD064781.D

Acq: 06 Jan 2020 19:06

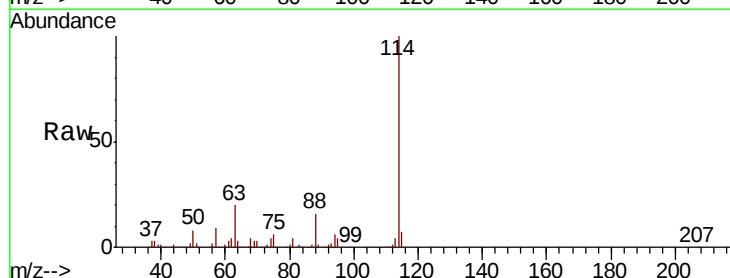
Tgt Ion: 114 Resp: 804770

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

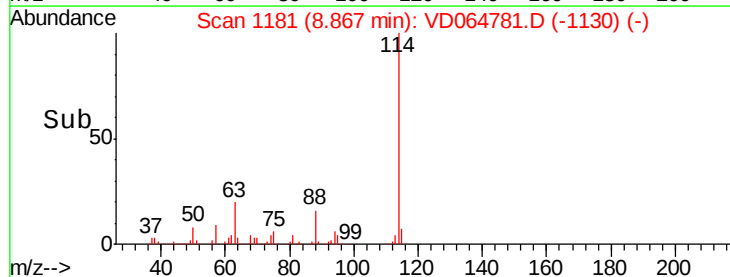
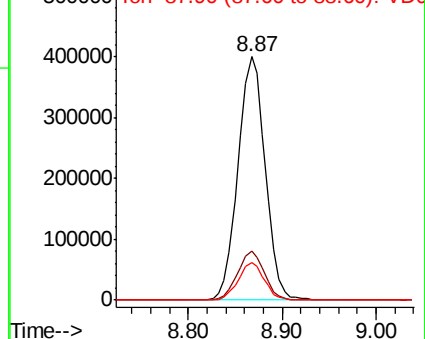
88 15.6 0.0 29.2

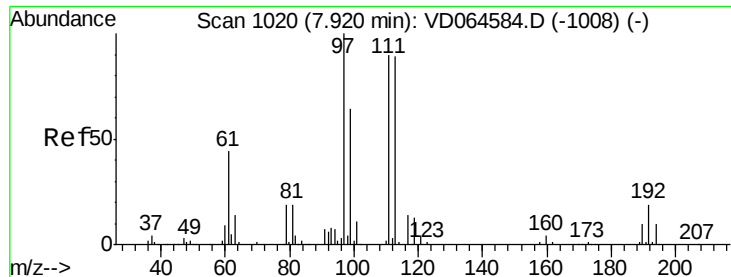


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

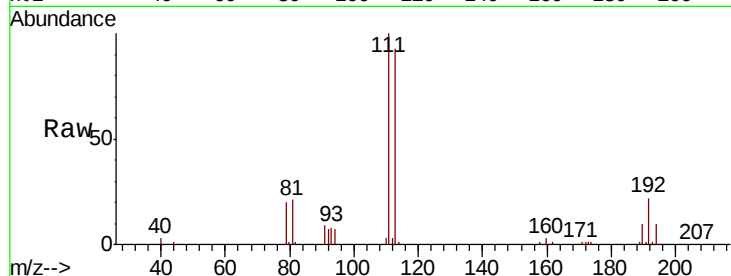




#35
 Dibromofluoromethane
 Concen: 50.119 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064781.D
 Acq: 06 Jan 2020 19:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.6	121.0
192	22.3	17.9	26.9

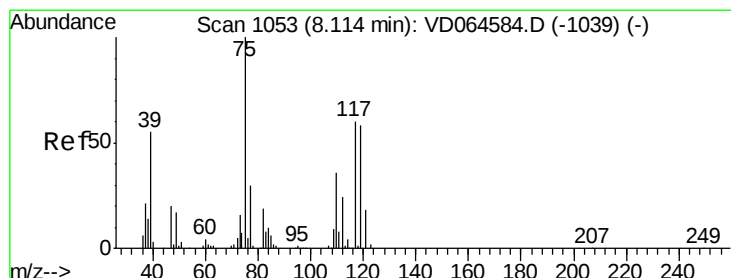
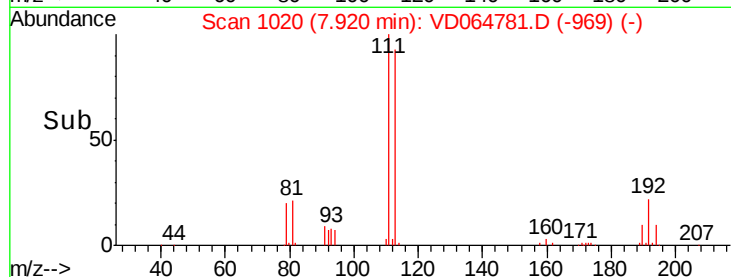
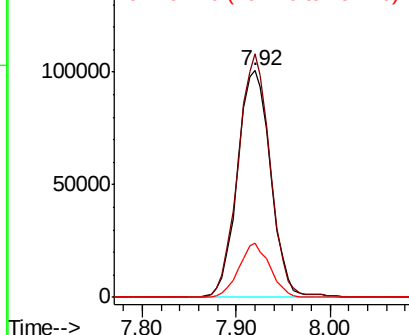


Abundance

Ion 112.80 (112.50 to 113.50): V

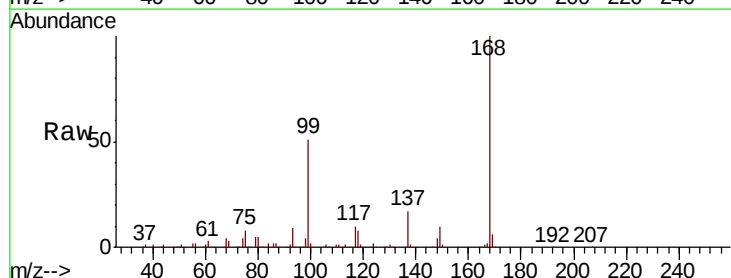
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064781.D
 Acq: 06 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.1#
77	0.0	24.2	36.4#

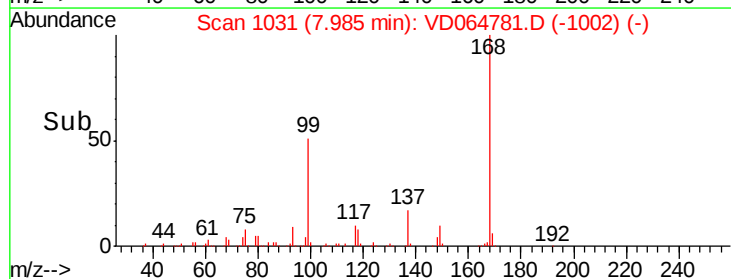
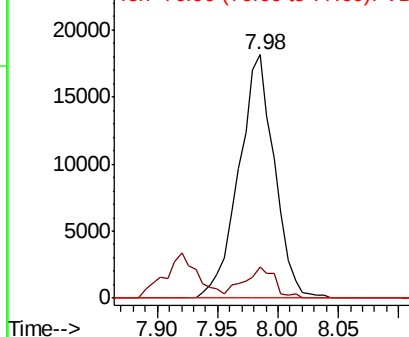


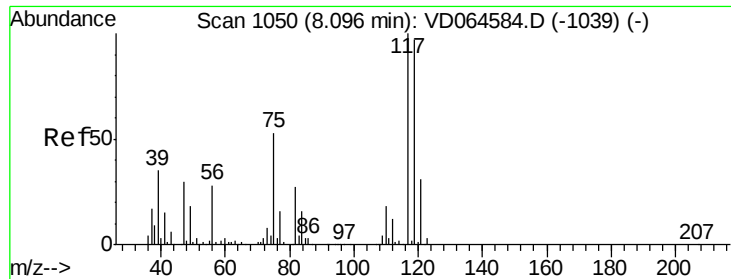
Abundance

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: 6.008 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064781.D

Acq: 06 Jan 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

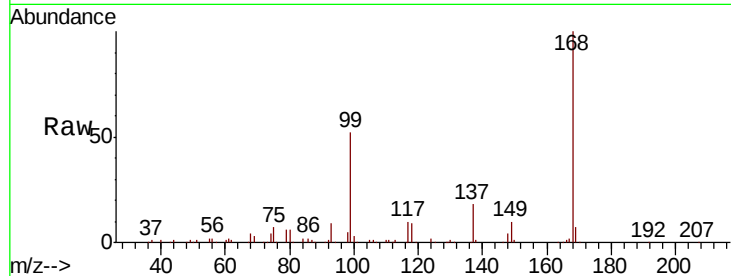
Tot Ion:117 Resp: 49619

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

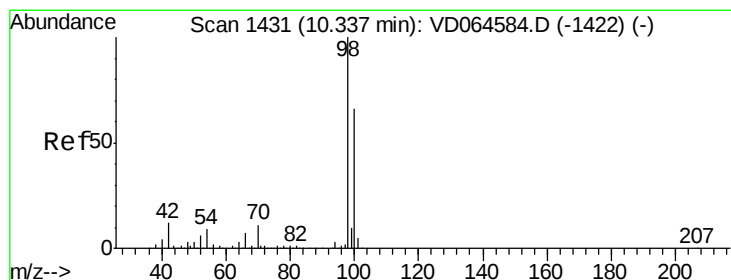
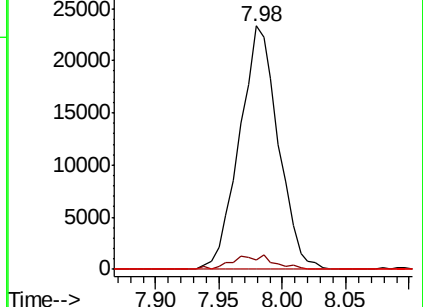
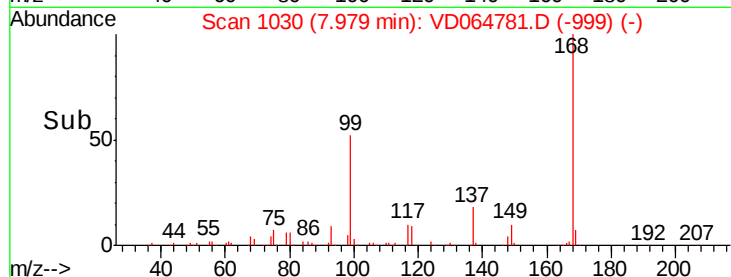
121 0.0 25.0 37.6#



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: 51.025 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064781.D

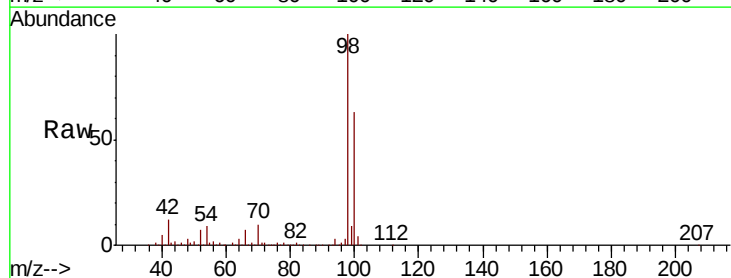
Acq: 06 Jan 2020 19:06

Tgt Ion: 98 Resp: 964864

Ion Ratio Lower Upper

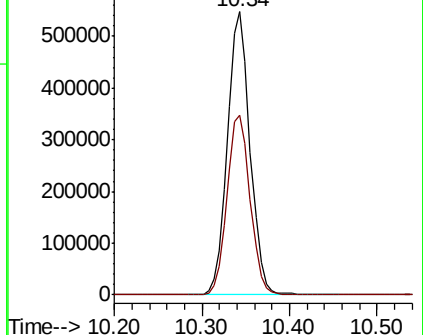
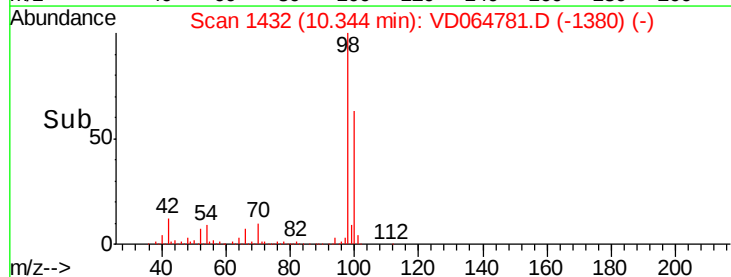
98 100

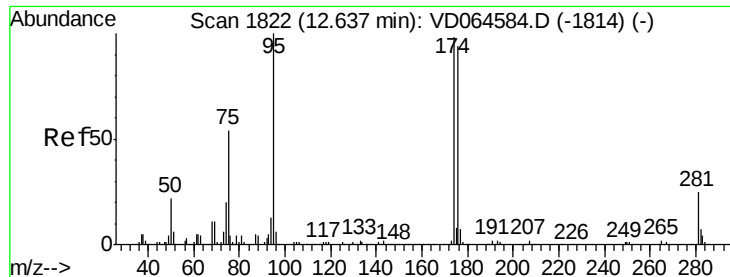
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

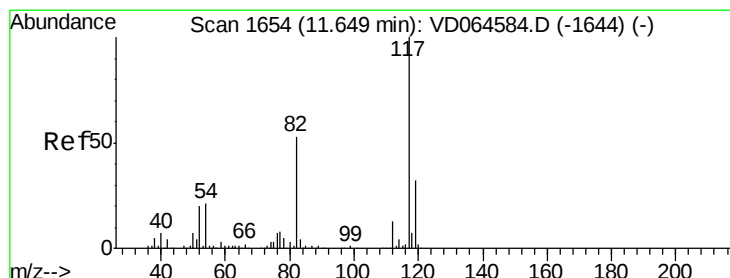
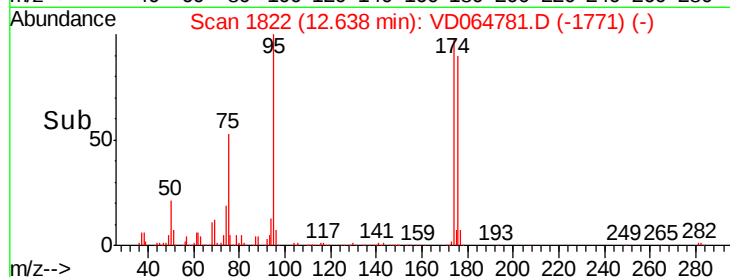
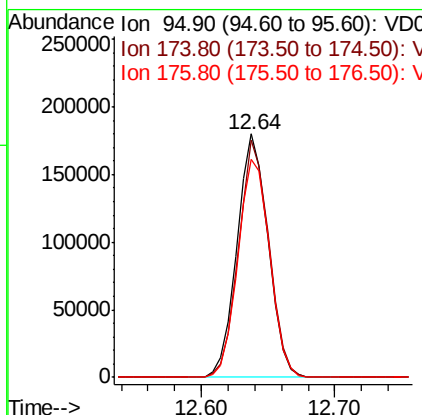
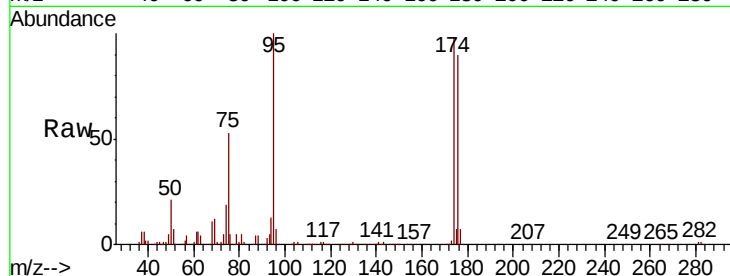




#62
4-Bromofluorobenzene
Concen: 48.418 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064781.D
Acq: 06 Jan 2020 19:06

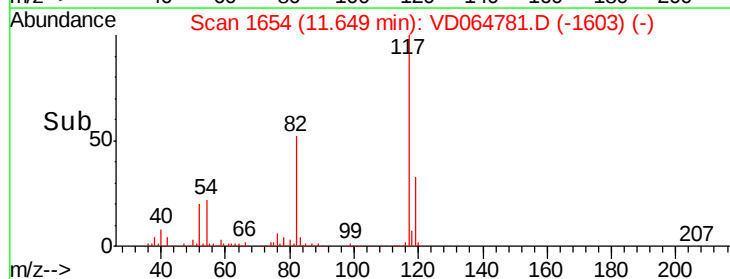
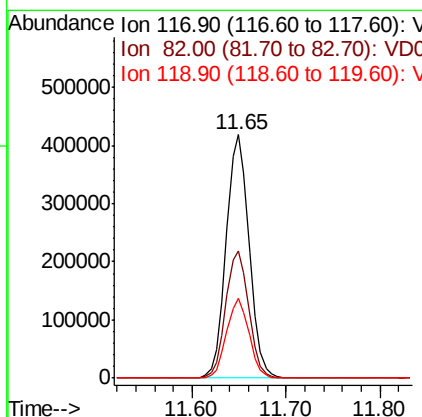
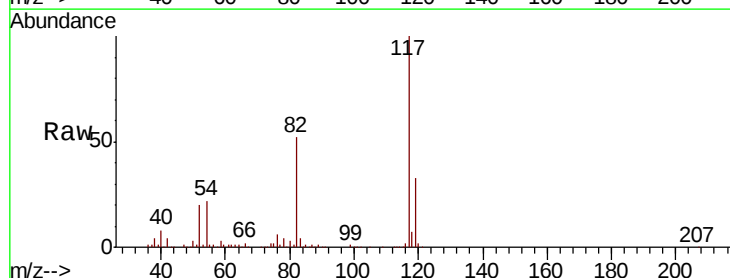
Instrument :
MSVOA_D
ClientSampleId :

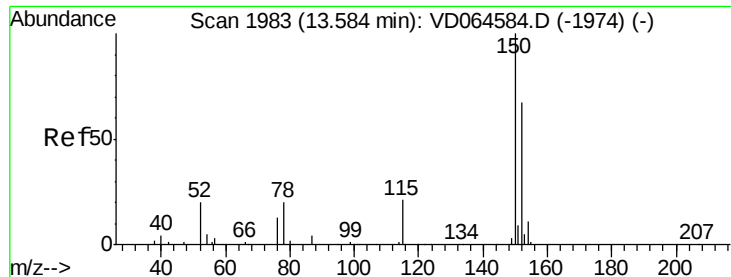
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	193.2
176	91.3	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064781.D
Acq: 06 Jan 2020 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.4
119	33.0	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: VD064781.D

Acq: 06 Jan 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

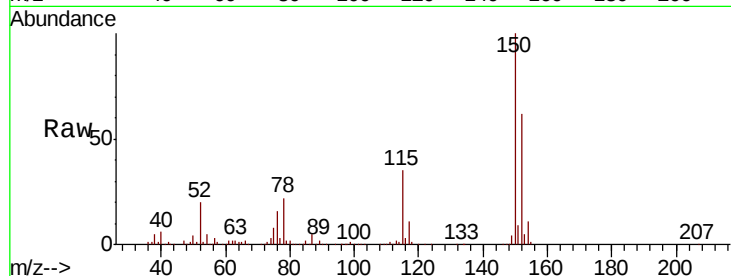
Tot Ion:152 Resp: 323442

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

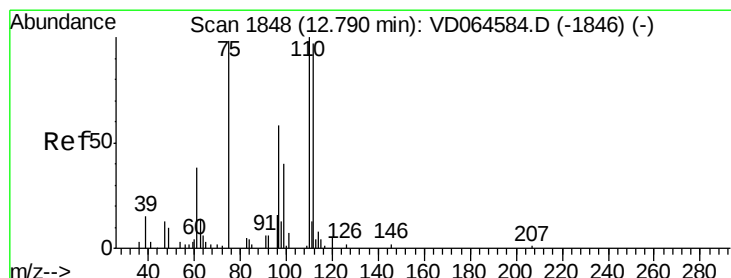
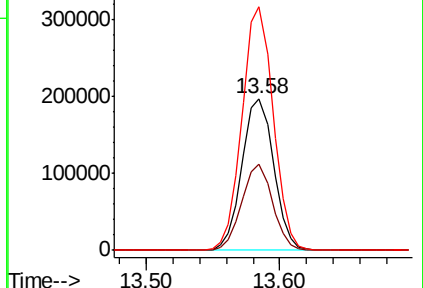
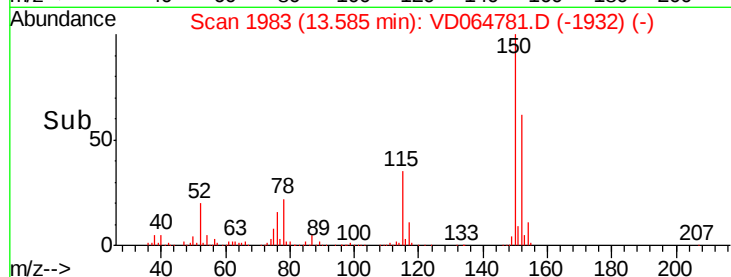
150 157.4 0.0 351.4



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: 61.270 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064781.D

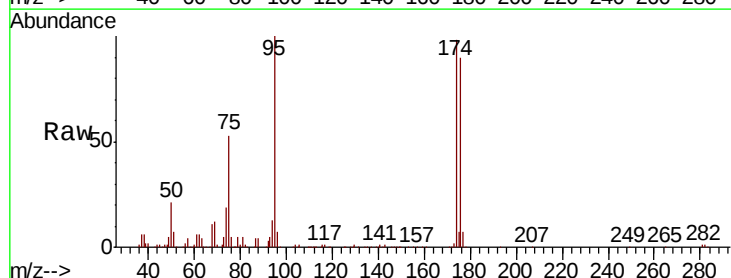
Acq: 06 Jan 2020 19:06

Tgt Ion: 75 Resp: 156489

Ion Ratio Lower Upper

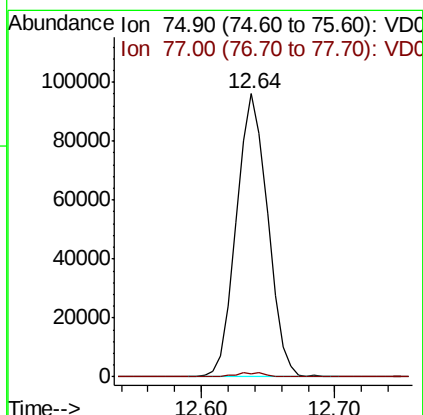
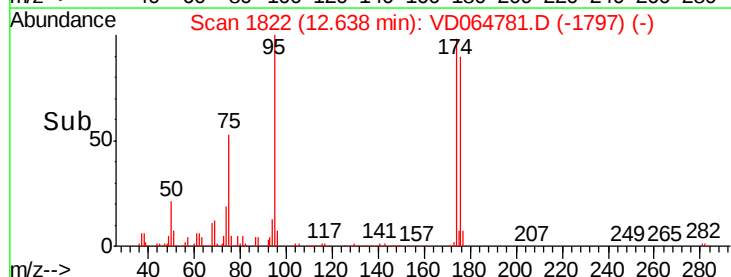
75 100

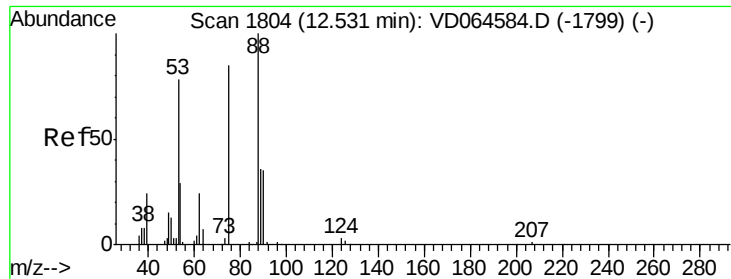
77 1.3 0.0 0.0#



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: 128.144 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064781.D

Acq: 06 Jan 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 156489

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

