

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064709.D
 Acq On : 02 Jan 2020 11:05
 Operator : VA/SY
 Sample : VD0102SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBL01

Quant Time: Jan 03 00:22:23 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

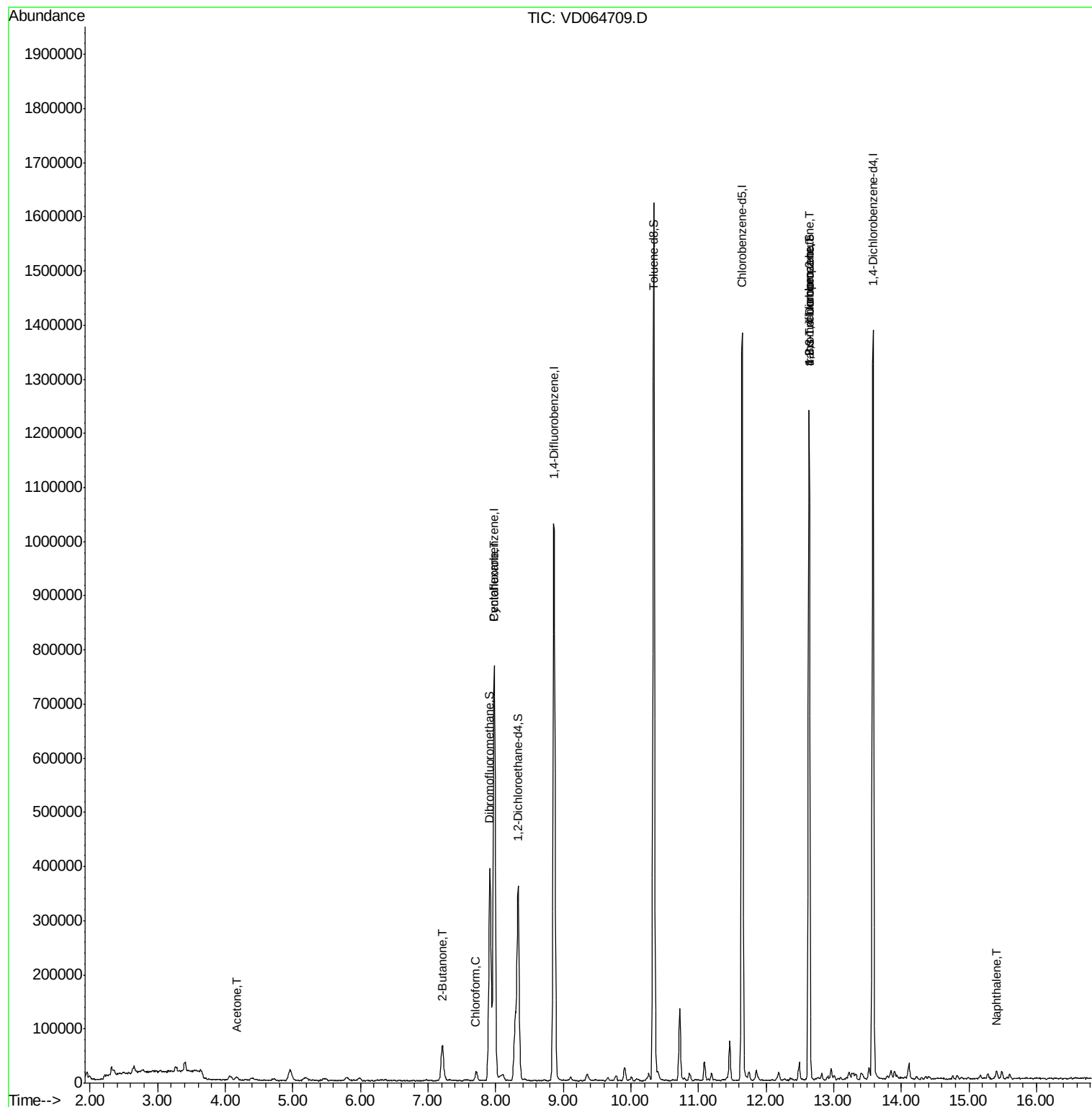
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	609561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	912985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	793752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	380970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	275930	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.91	113	276570	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.34	98	1084555	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.64	95	337330	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	10929	12.698	ug/l #	73
20) Methylene Chloride	4.96	84	13770	Below Cal		98
25) 2-Butanone	7.21	43	5166	3.497	ug/l #	83
30) Chloroform	7.71	83	15563	1.482	ug/l	99
31) Cyclohexane	7.98	56	16152	1.612	ug/l #	40
76) 1,2,3-Trichloropropane	12.64	75	180532	60.010	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	180532	125.509	ug/l #	10
95) Naphthalene	15.41	128	12720	1.004	ug/l #	94

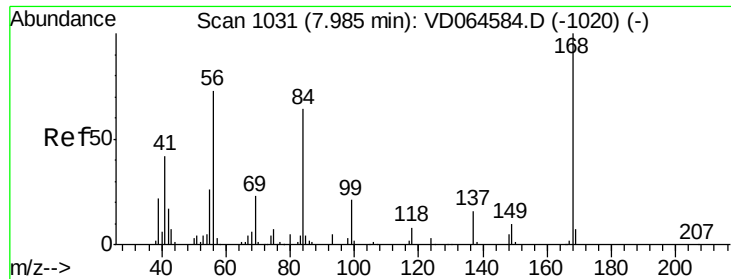
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010220\
Data File : VD064709.D
Acq On : 02 Jan 2020 11:05
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Sample : VD0102SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

Quant Time: Jan 03 00:22:23 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: VD064709.D

Acq: 02 Jan 2020 11:05

Instrument :

MSVOA_D

ClientSampleId :

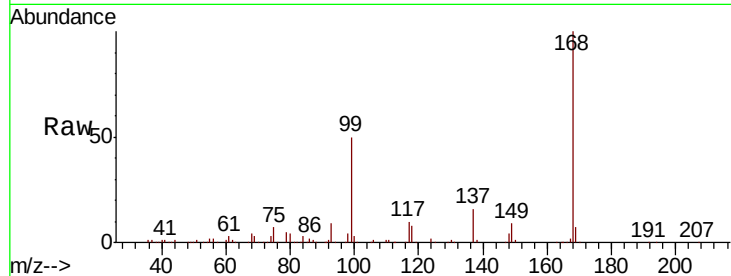
VD0102SBL01

Tot Ion:168 Resp: 609561

Ion Ratio Lower Upper

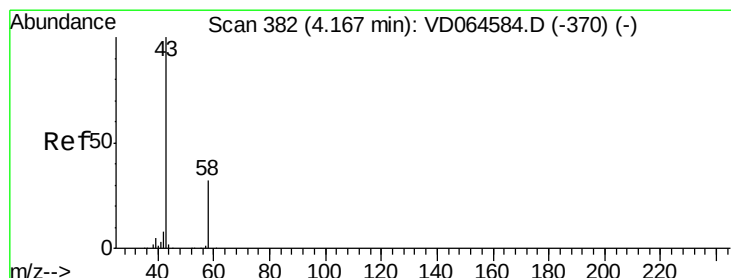
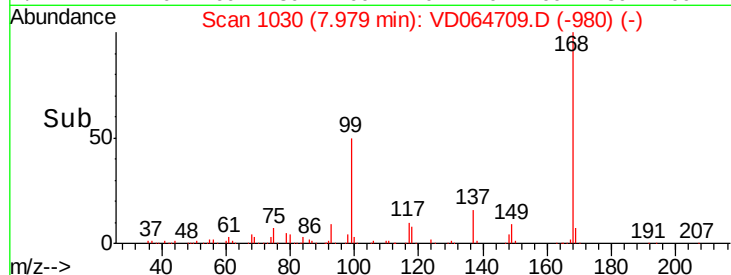
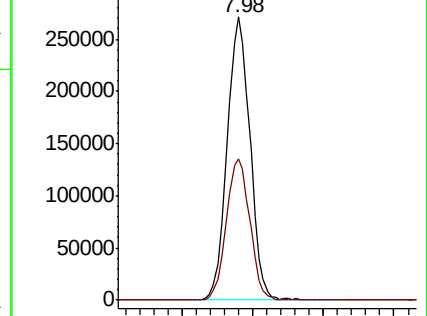
168 100

99 49.7 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: 12.698 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064709.D

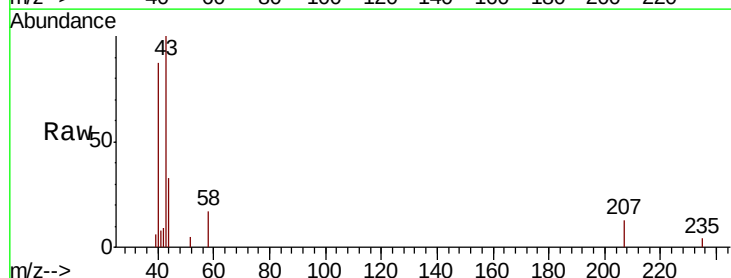
Acq: 02 Jan 2020 11:05

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

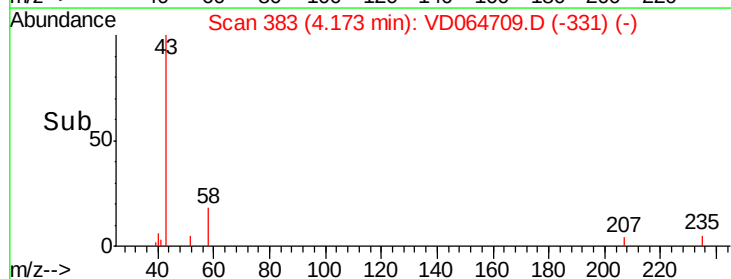
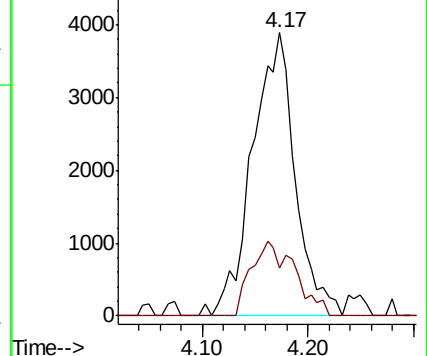
43 100

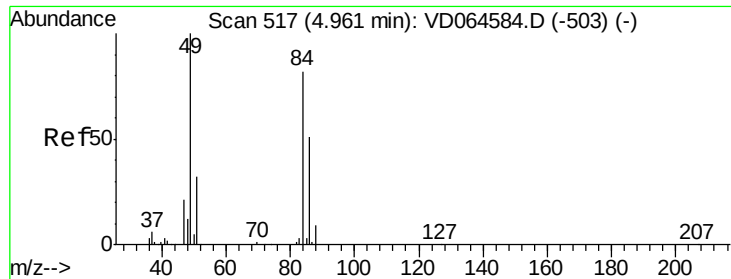
58 16.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

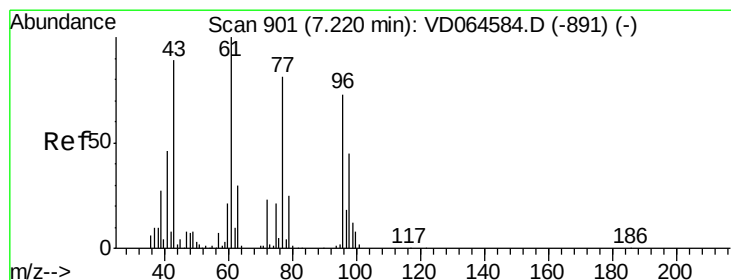
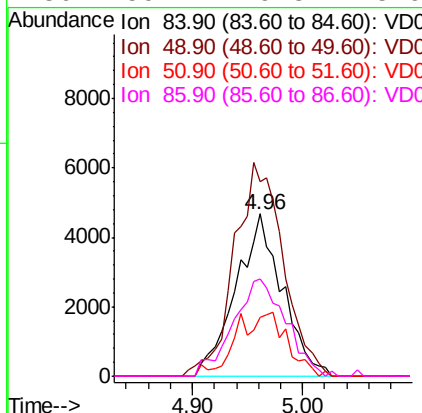
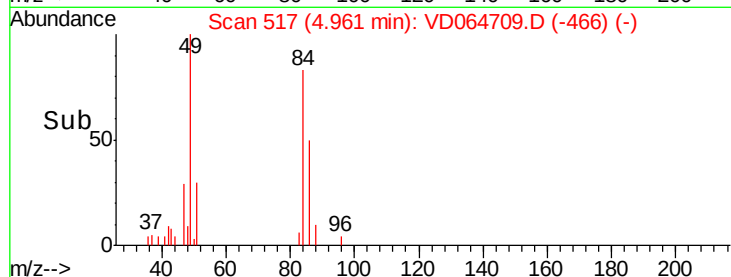
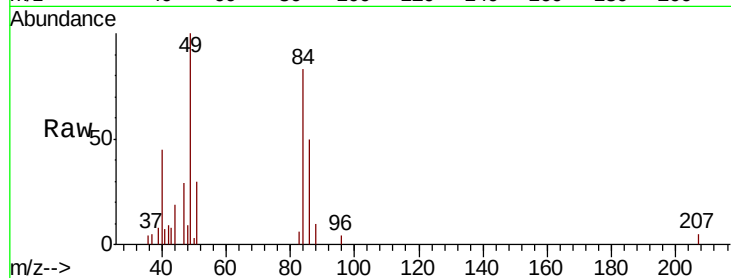




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

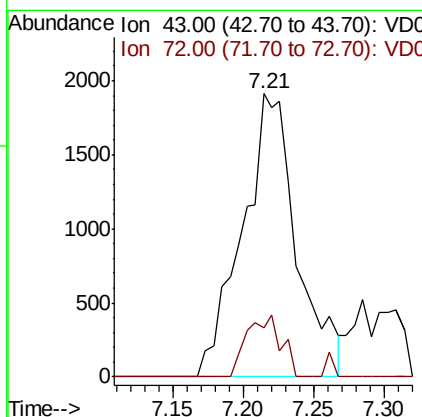
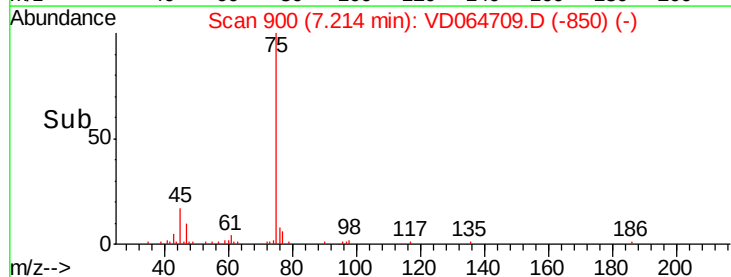
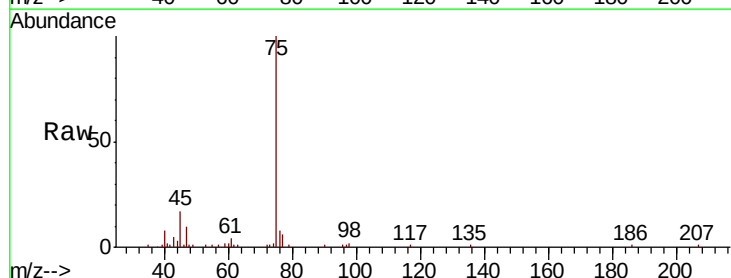
Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

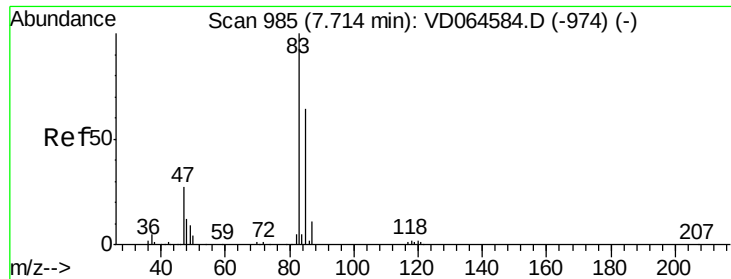
Tot Ion: 84 Resp: 13770
Ion Ratio Lower Upper
84 100
49 119.8 97.2 145.8
51 36.3 31.4 47.0
86 59.7 49.3 73.9



#25
2-Butanone
Concen: 3.497 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
72 17.4 20.7 31.1#

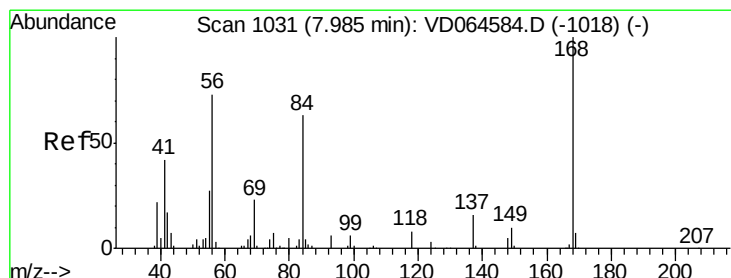
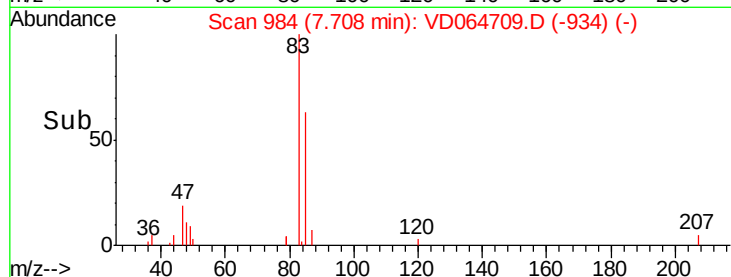
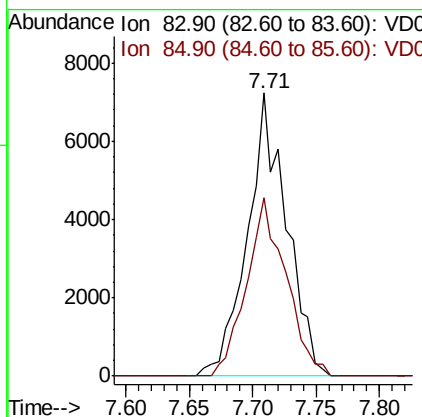
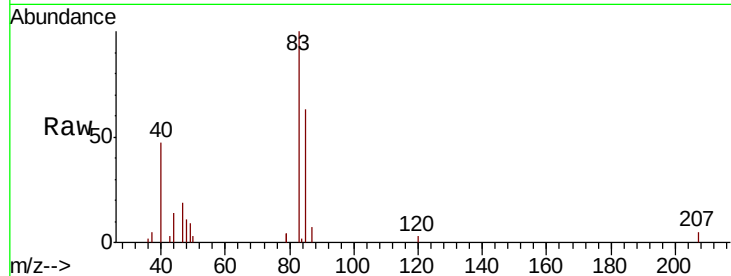




#30
Chloroform
Concen: 1.482 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

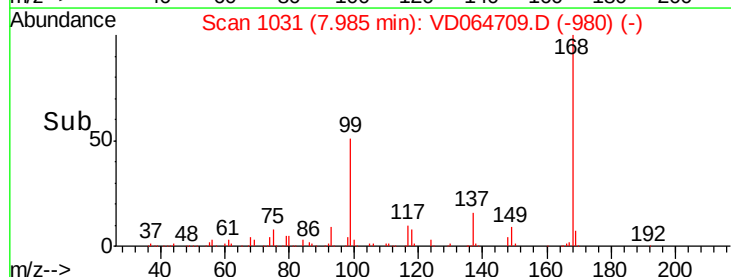
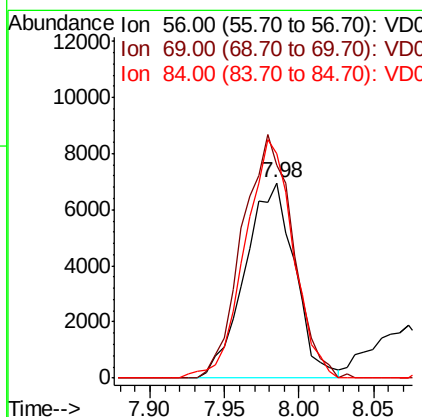
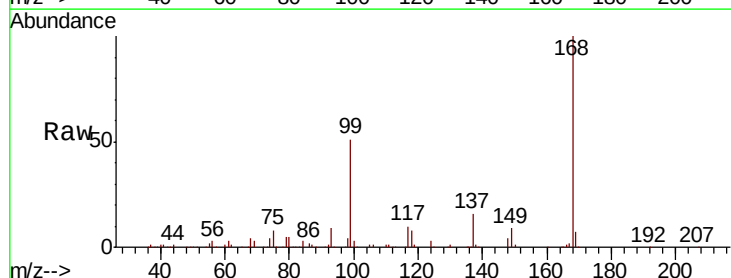
Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

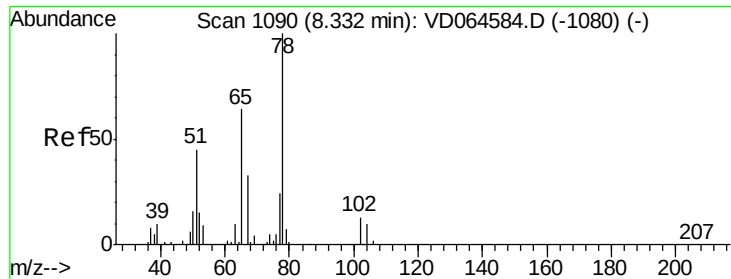
Tot Ion: 83 Resp: 15563
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7



#31
Cyclohexane
Concen: 1.612 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

Tgt Ion: 56 Resp: 16152
Ion Ratio Lower Upper
56 100
69 109.0 24.7 37.1#
84 115.2 69.4 104.2#

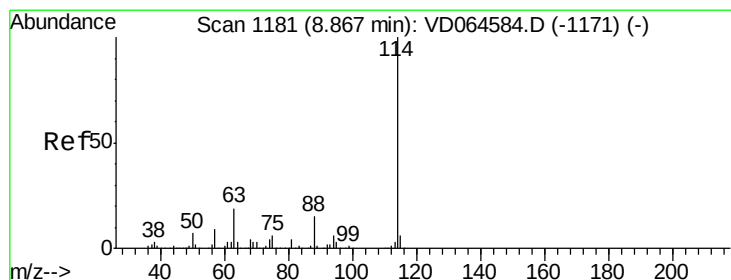
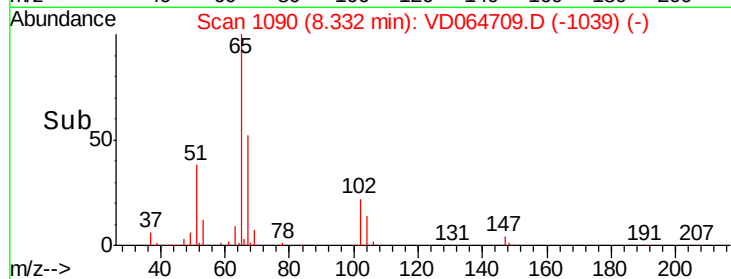
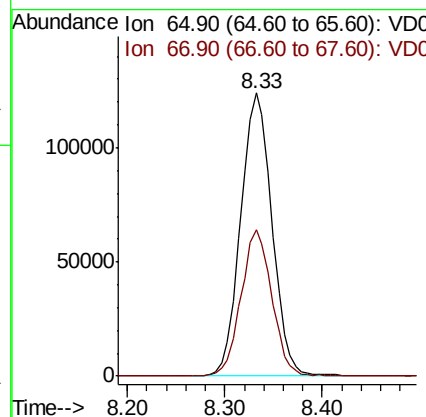
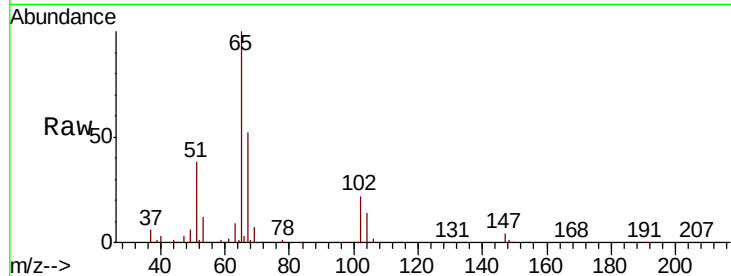




#33
 1,2-Dichloroethane-d4
 Concen: 51.335 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064709.D
 Acq: 02 Jan 2020 11:05

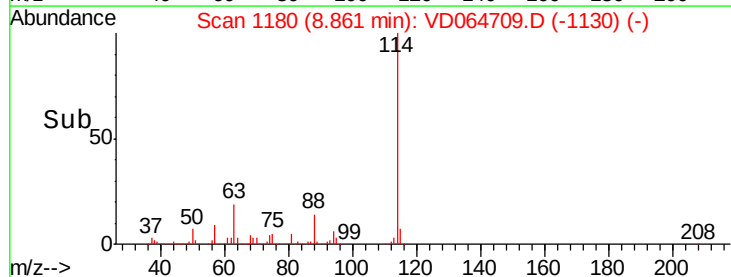
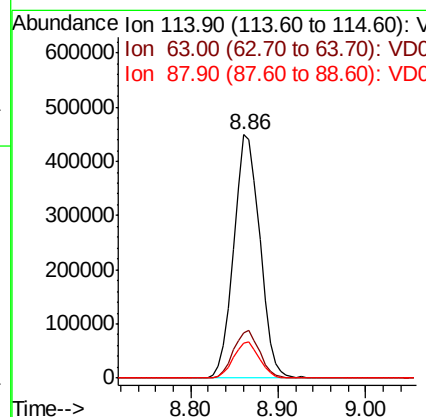
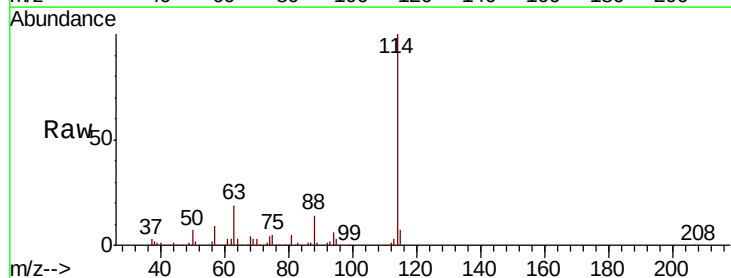
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBL01

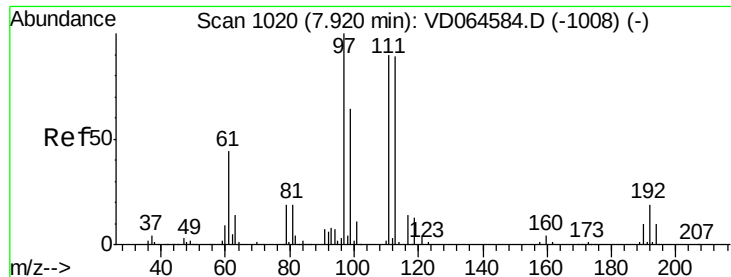
Tot Ion: 65 Resp: 275930
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD064709.D
 Acq: 02 Jan 2020 11:05

Tgt Ion: 114 Resp: 912985
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.0
 88 14.5 0.0 29.2

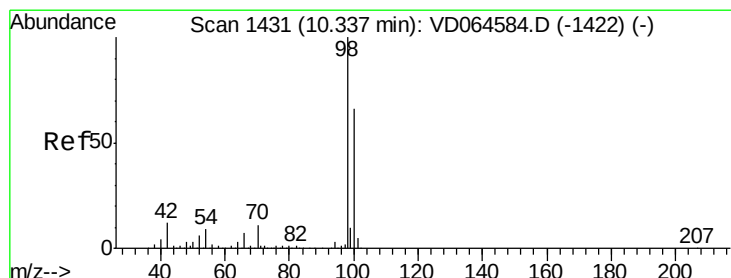
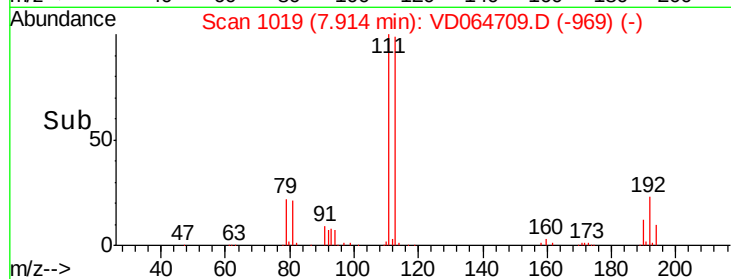
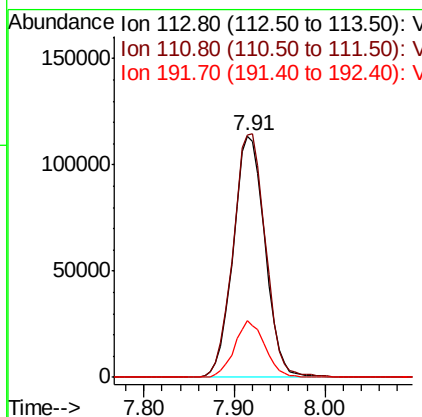
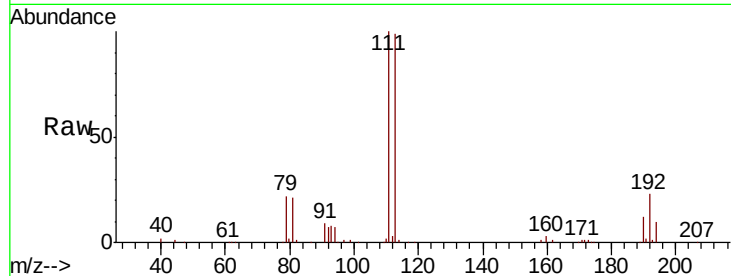




#35
 Dibromofluoromethane
 Concen: 49.376 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064709.D
 Acq: 02 Jan 2020 11:05

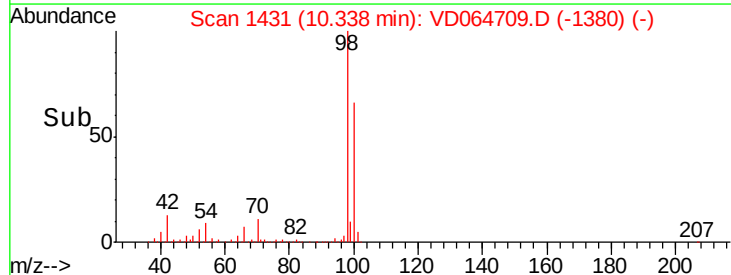
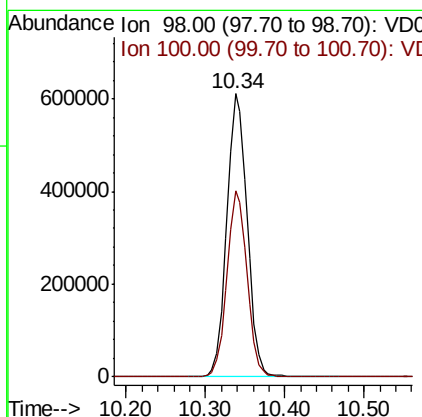
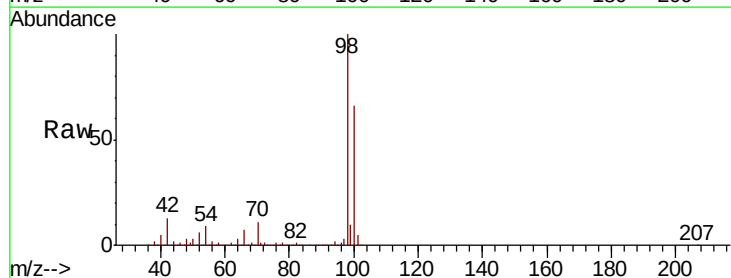
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBL01

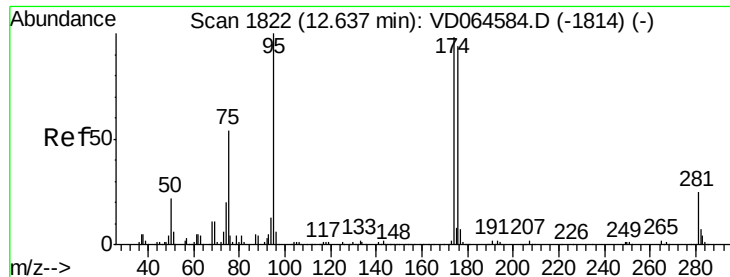
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.6	121.0
192	22.4	17.9	26.9



#50
 Toluene-d8
 Concen: 50.556 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064709.D
 Acq: 02 Jan 2020 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5

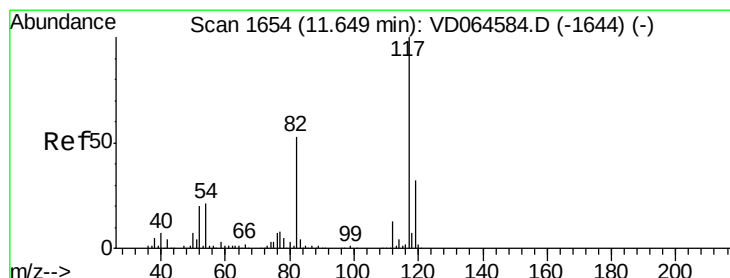
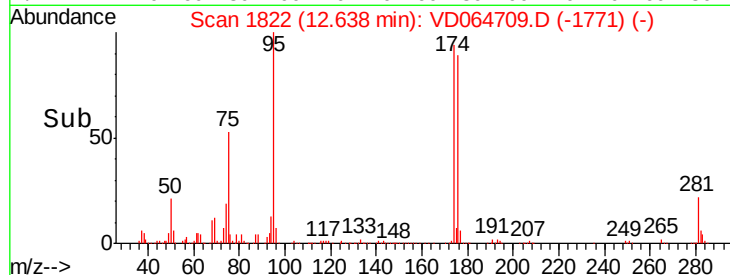
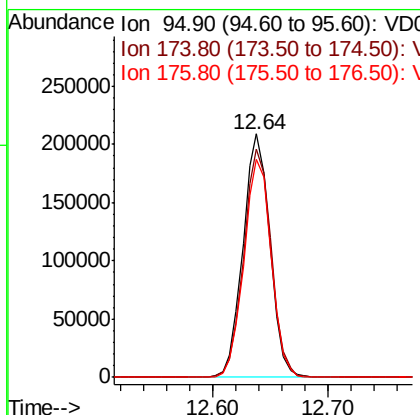
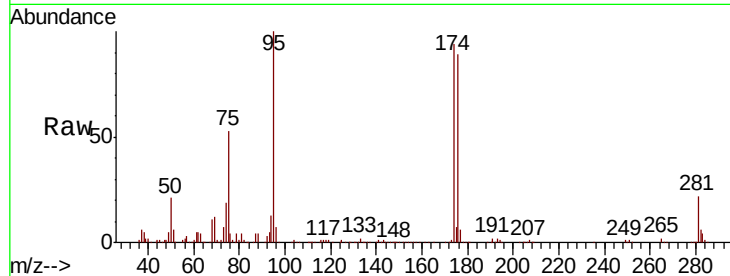




#62
4-Bromofluorobenzene
Concen: 49.728 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

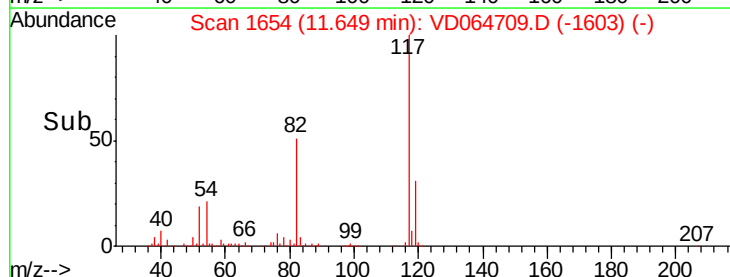
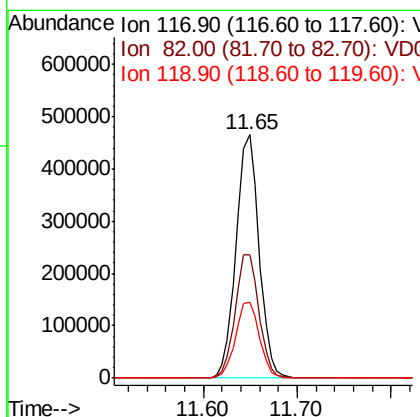
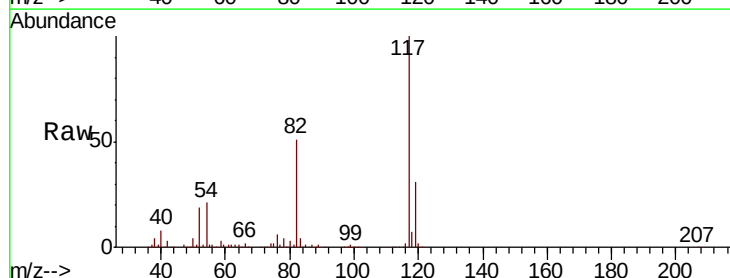
Instrument :
MSVOA_D
ClientSampleId :
VD0102SBL01

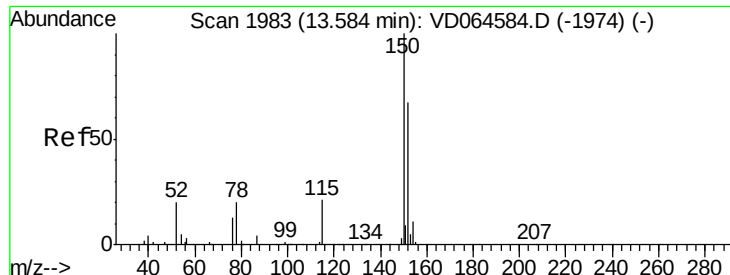
Tot Ion: 95 Resp: 337330
Ion Ratio Lower Upper
95 100
174 95.9 0.0 193.2
176 91.2 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064709.D
Acq: 02 Jan 2020 11:05

Tgt Ion: 117 Resp: 793752
Ion Ratio Lower Upper
117 100
82 50.7 42.2 63.4
119 31.3 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: VD064709.D

Acq: 02 Jan 2020 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD0102SBL01

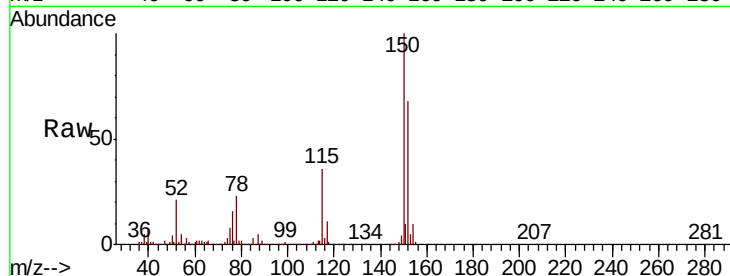
Tot Ion:152 Resp: 380970

Ion Ratio Lower Upper

152 100

115 53.1 27.8 83.4

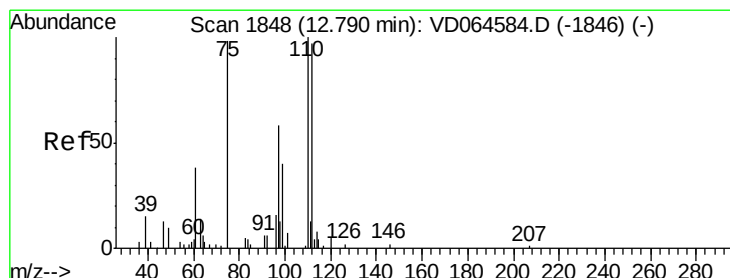
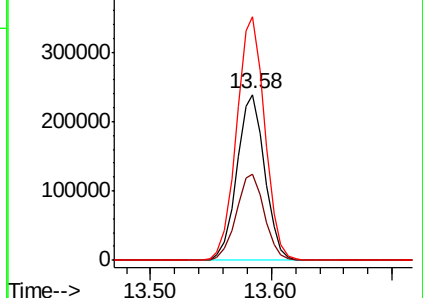
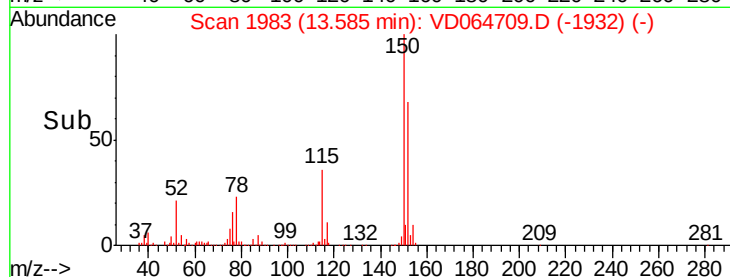
150 149.5 0.0 351.4



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: 60.010 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064709.D

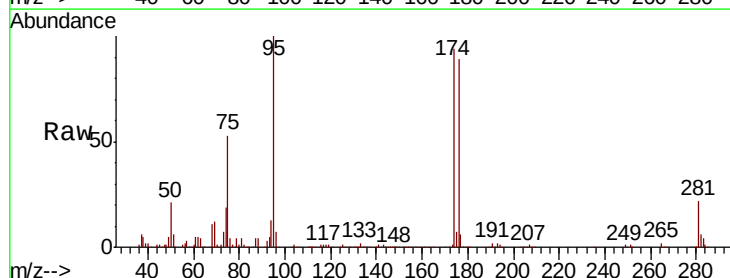
Acq: 02 Jan 2020 11:05

Tgt Ion: 75 Resp: 180532

Ion Ratio Lower Upper

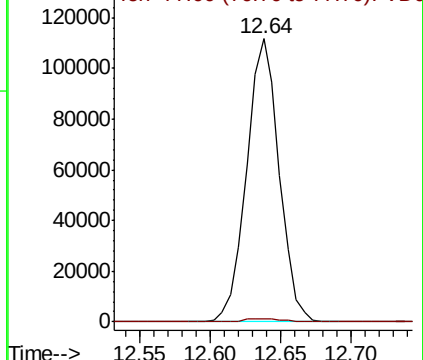
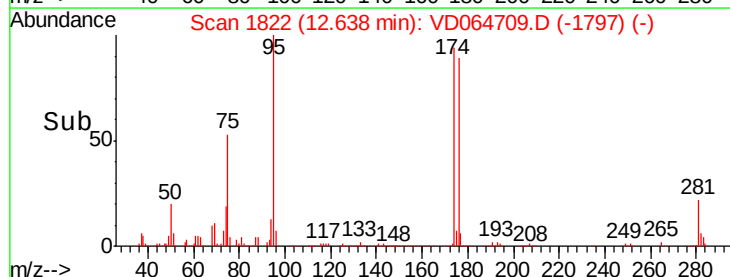
75 100

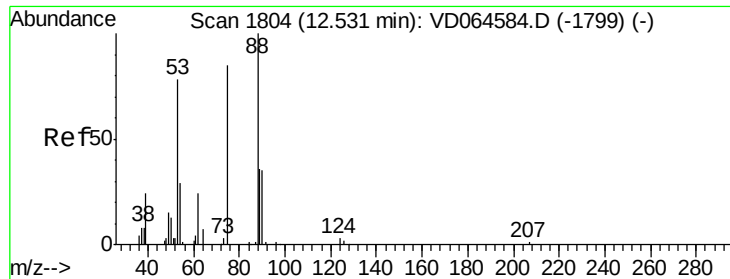
77 1.3 0.0 0.0#



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: 125.509 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064709.D

Acq: 02 Jan 2020 11:05

Instrument :

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ClientSampleId :

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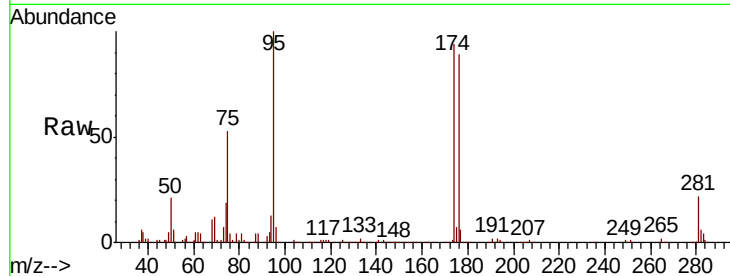
Tot Ion: 75 Resp: 180532

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

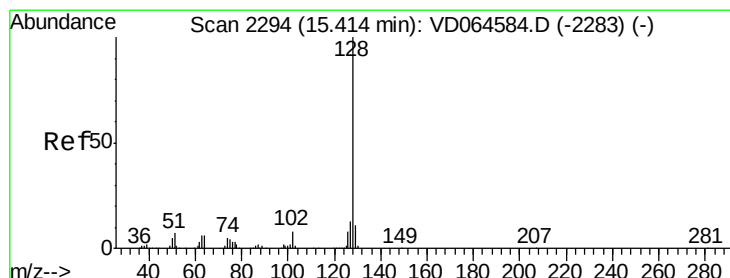
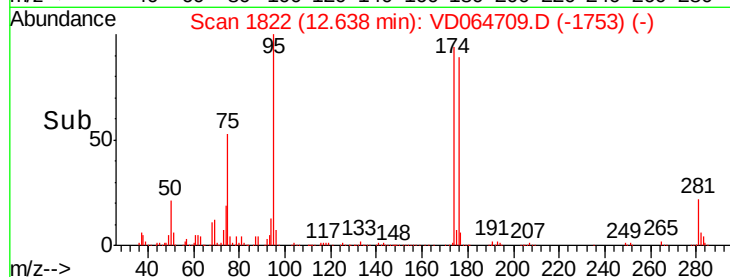
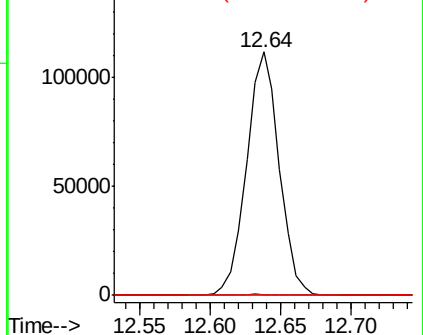
89 0.2 38.3 57.5#



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



#95

Naphthalene

Concen: 1.004 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064709.D

Acq: 02 Jan 2020 11:05

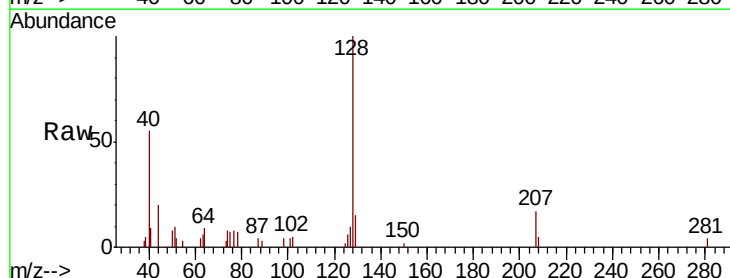
Tgt Ion: 128 Resp: 12720

Ion Ratio Lower Upper

128 100

127 16.2 10.3 15.5#

129 11.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

