

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064760.D
 Acq On : 04 Jan 2020 04:57
 Operator : VA/SY
 Sample : K6474-01
 Misc : 9.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:53:06 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

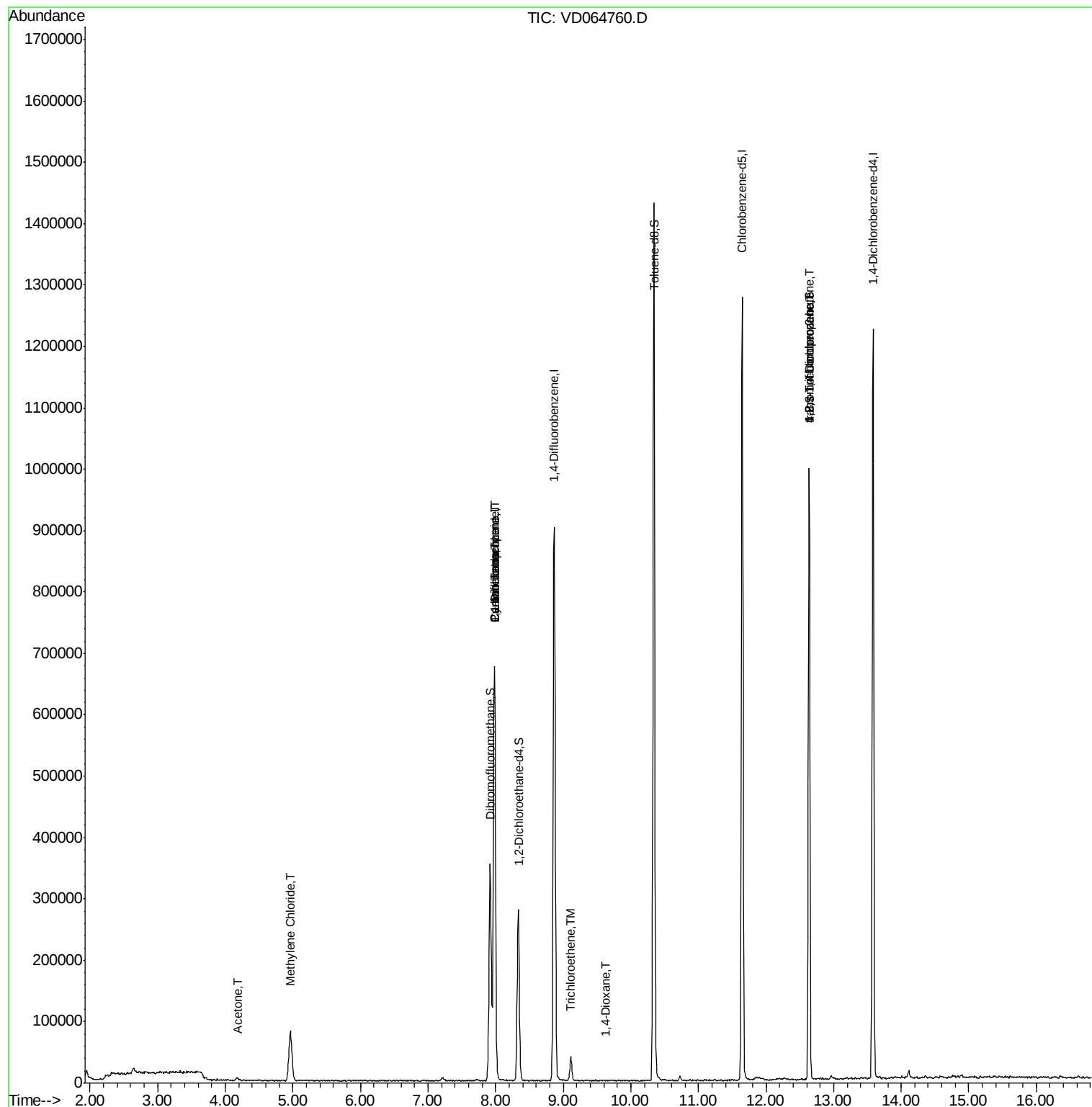
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	538773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	798991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	703689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	221609	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	7.92	113	240480	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.34	98	944966	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.64	95	291087	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	7731	10.995	ug/l	89
20) Methylene Chloride	4.97	84	60751	8.441	ug/l	98
31) Cyclohexane	7.98	56	11118	1.255	ug/l #	3
36) 1,1-Dichloropropene	7.98	75	38577	5.016	ug/l #	51
38) Carbon Tetrachloride	7.98	117	51148	6.237	ug/l #	15
44) Trichloroethene	9.11	130	14283	2.316	ug/l	100
49) 1,4-Dioxane	9.63	88	65	2.017	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	152747	58.596	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	152747	122.553	ug/l #	10

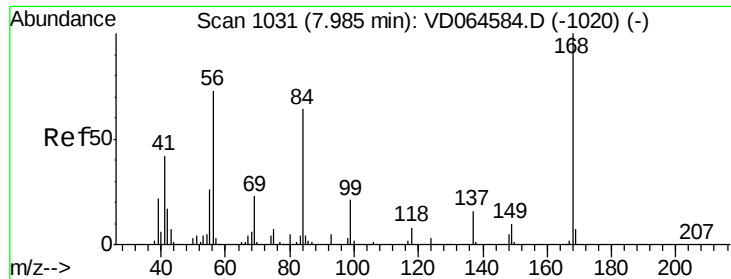
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
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Quant Time: Jan 06 06:53:06 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: VD064760.D

Acq: 04 Jan 2020 04:57

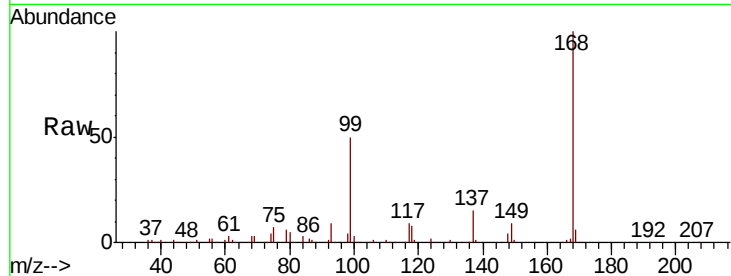
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 538773

Ion Ratio Lower Upper

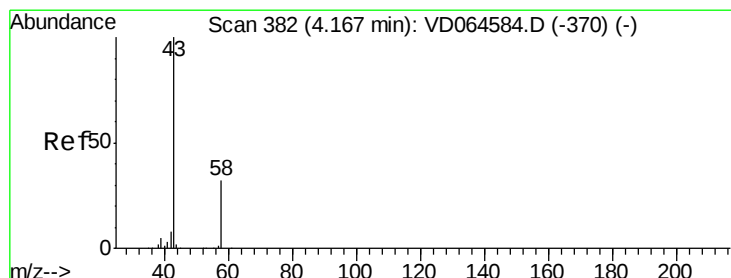
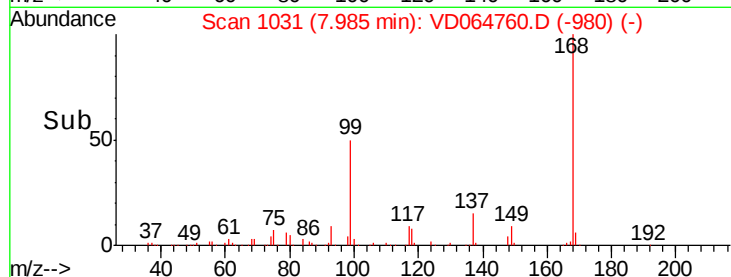
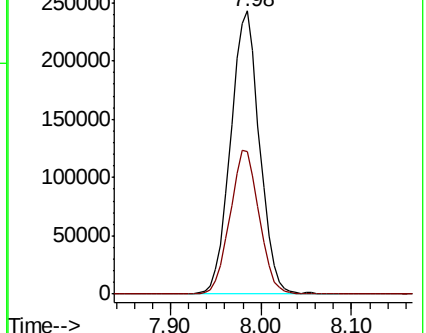
168 100

99 50.2 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: 10.995 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064760.D

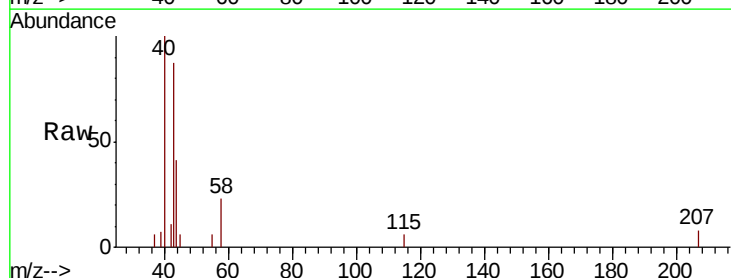
Acq: 04 Jan 2020 04:57

Tgt Ion: 43 Resp: 7731

Ion Ratio Lower Upper

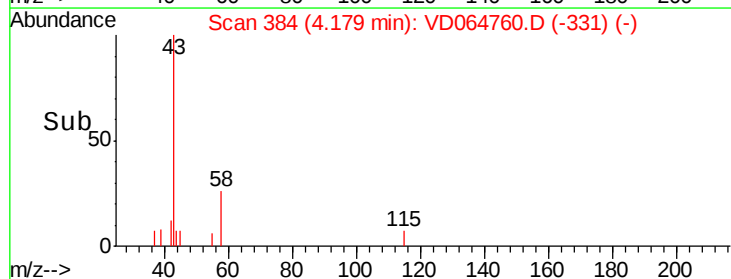
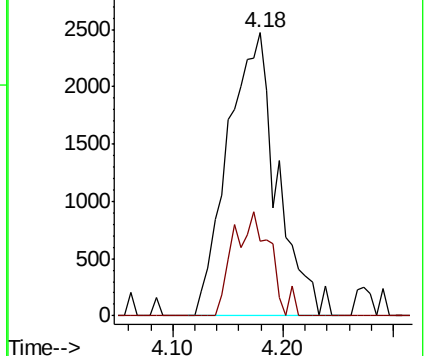
43 100

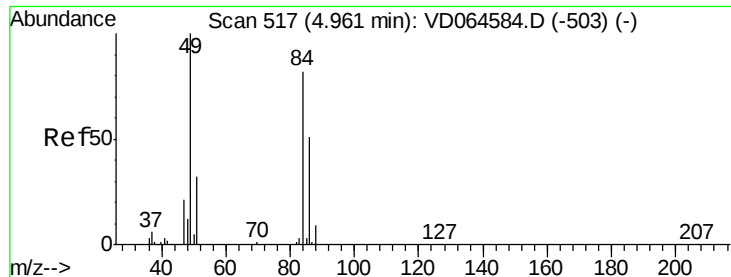
58 26.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

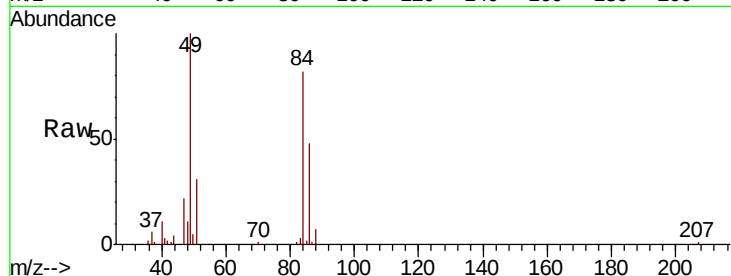




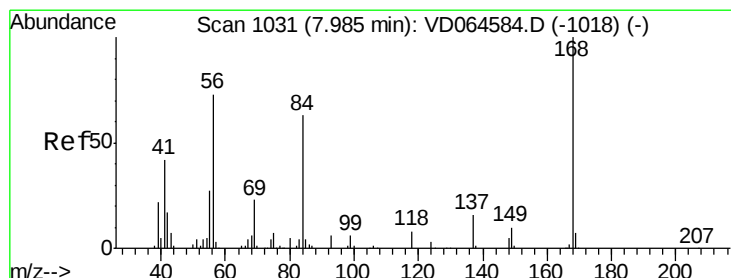
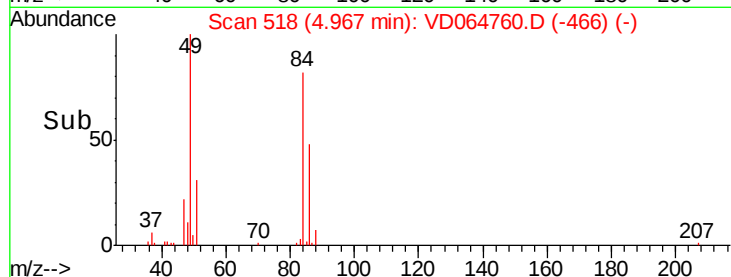
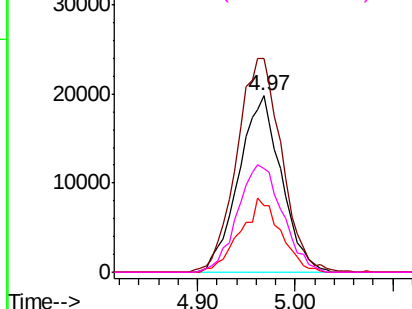
#20
Methvlene Chloride
Concen: 8.441 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 60751
Ion Ratio Lower Upper
84 100
49 121.3 97.2 145.8
51 37.8 31.4 47.0
86 58.8 49.3 73.9

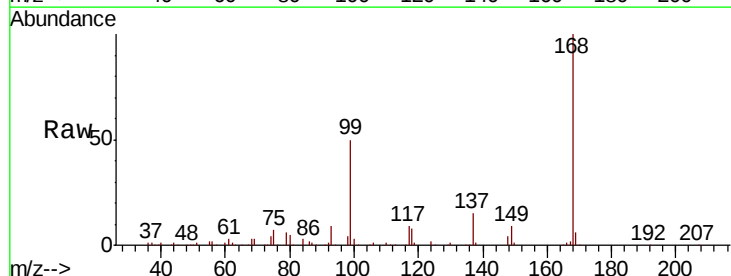


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

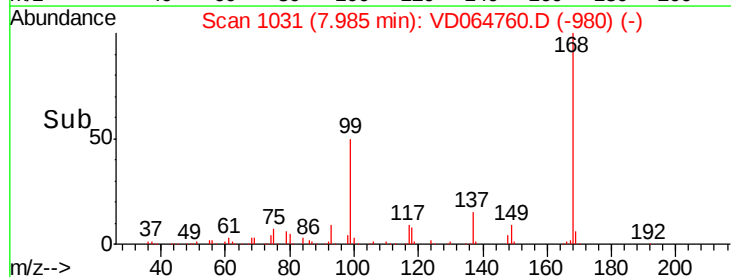
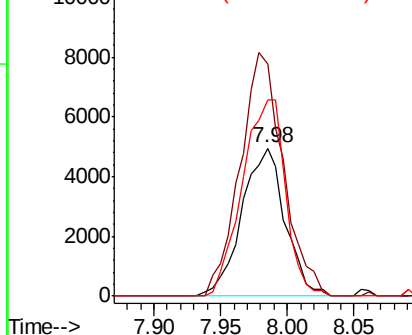


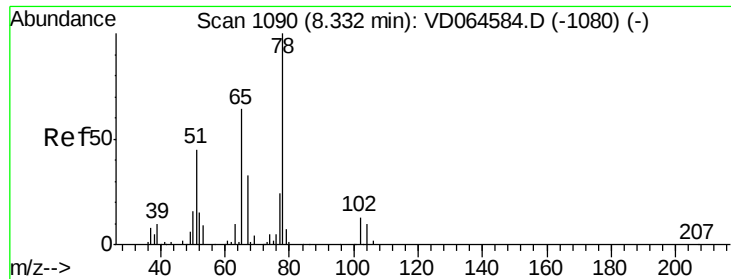
#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

Tgt Ion: 56 Resp: 11118
Ion Ratio Lower Upper
56 100
69 156.9 24.7 37.1#
84 132.5 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

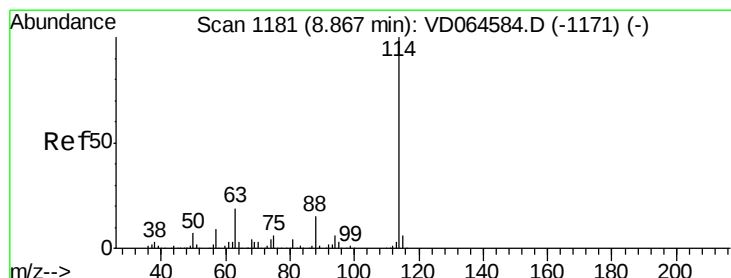
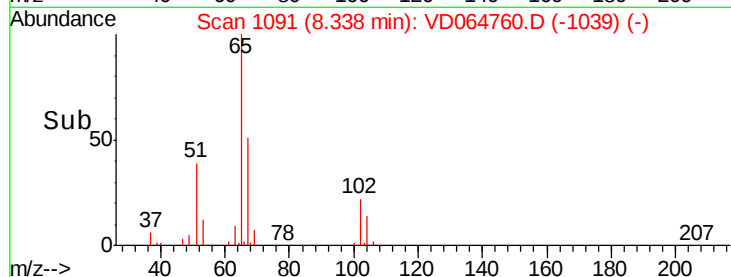
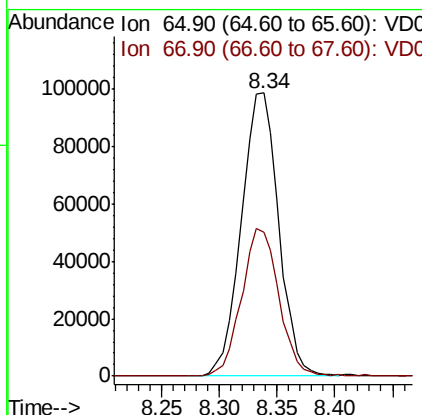
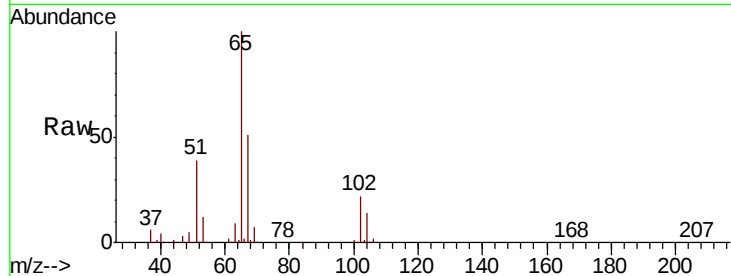




#33
 1,2-Dichloroethane-d4
 Concen: 46.646 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064760.D
 Acq: 04 Jan 2020 04:57

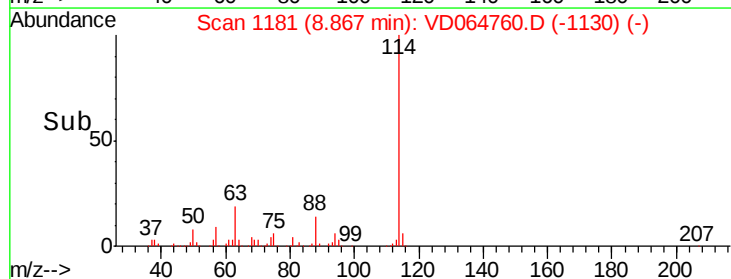
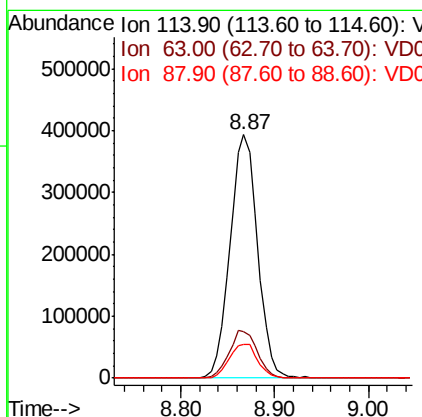
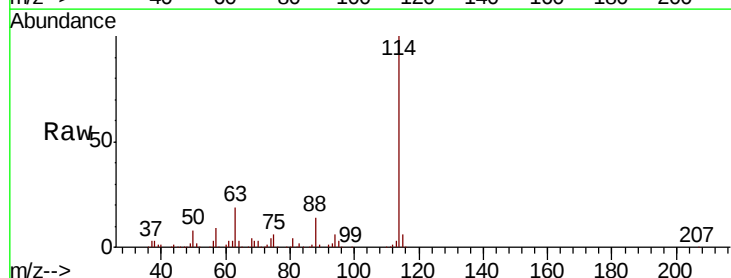
Instrument :
 MSVOA_D
 ClientSampled :

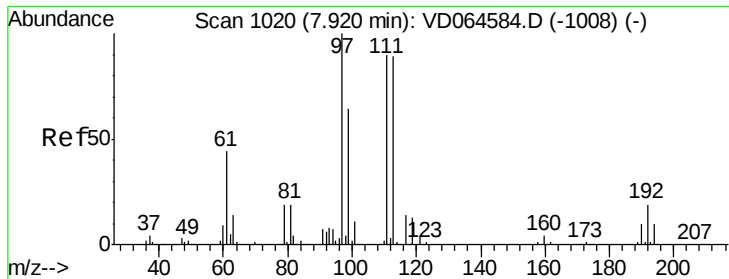
Tot Ion: 65 Resp: 221609
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064760.D
 Acq: 04 Jan 2020 04:57

Tgt Ion: 114 Resp: 798991
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 13.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.058 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064760.D

Acq: 04 Jan 2020 04:57

Instrument :
MSVOA_D
ClientSampled :

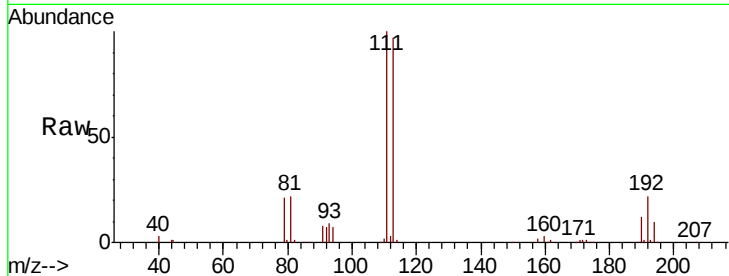
Tot Ion:113 Resp: 240480

Ion Ratio Lower Upper

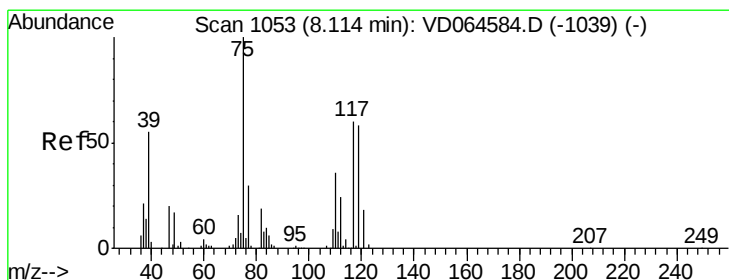
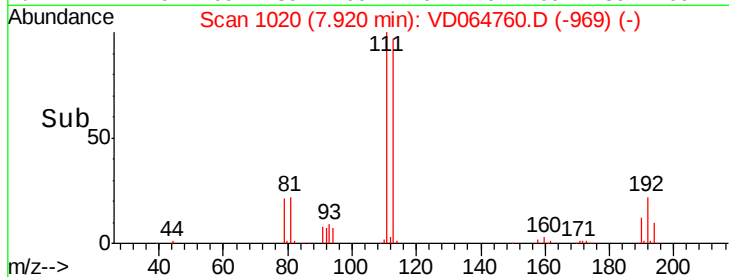
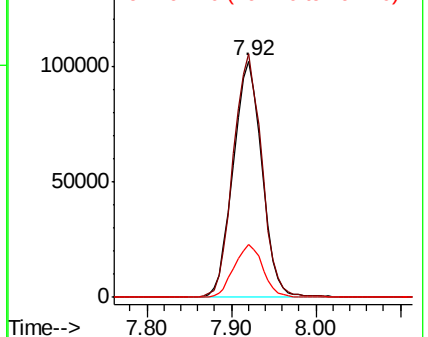
113 100

111 102.3 80.6 121.0

192 22.4 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: 5.016 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD064760.D

Acq: 04 Jan 2020 04:57

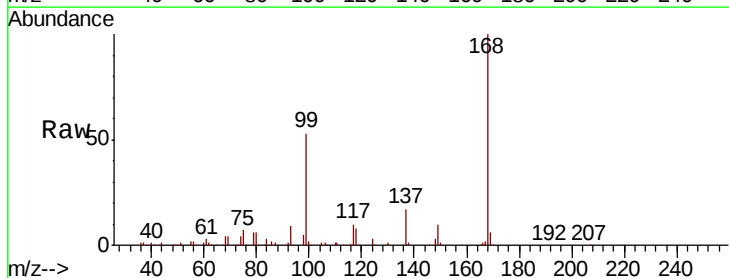
Tgt Ion: 75 Resp: 38577

Ion Ratio Lower Upper

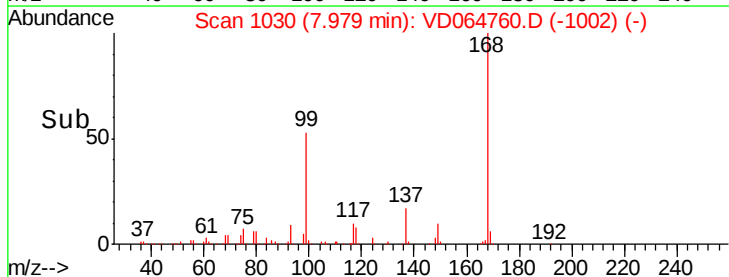
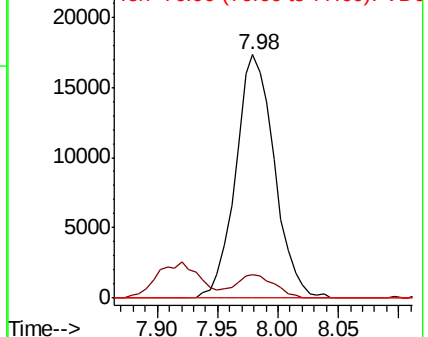
75 100

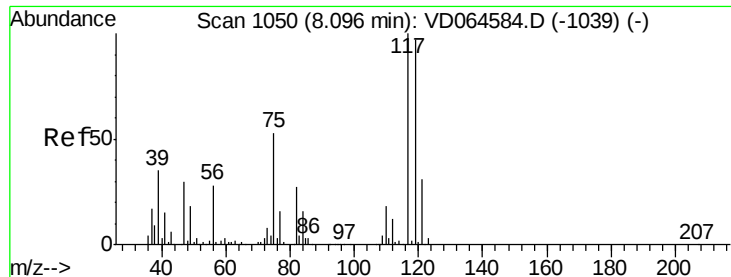
110 10.0 18.1 54.1#

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

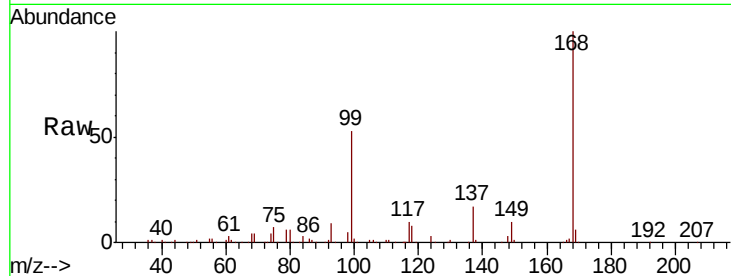




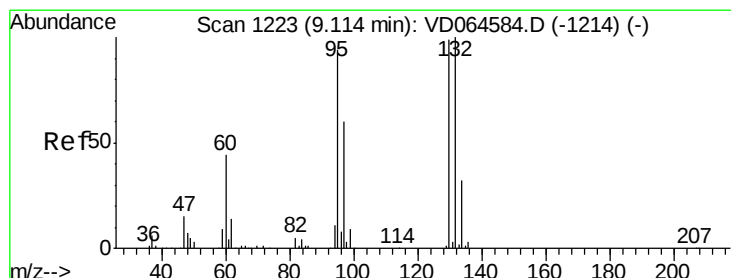
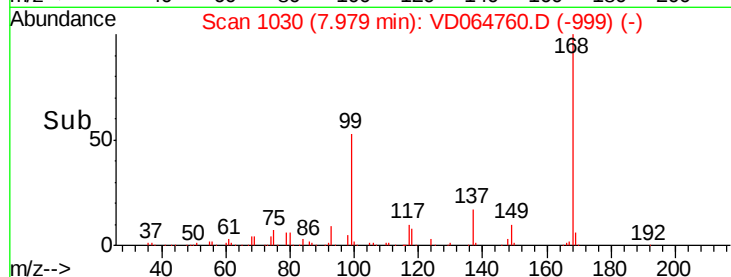
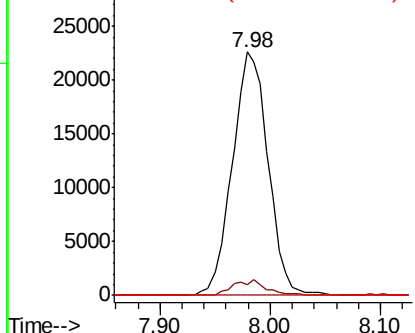
#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 51148
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 25.0 37.6#

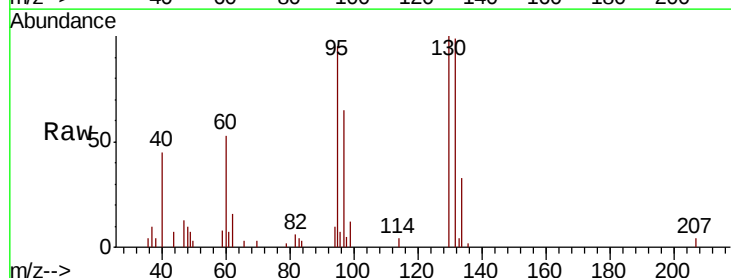


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

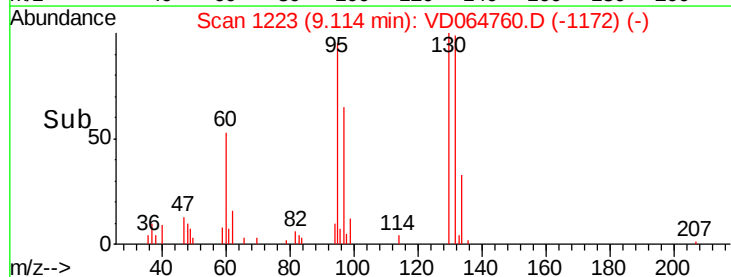
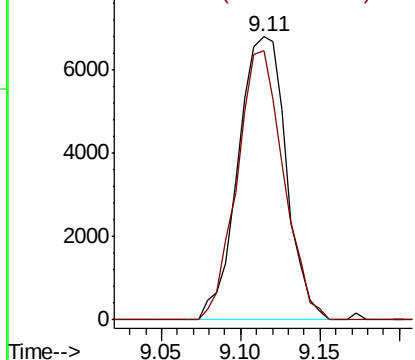


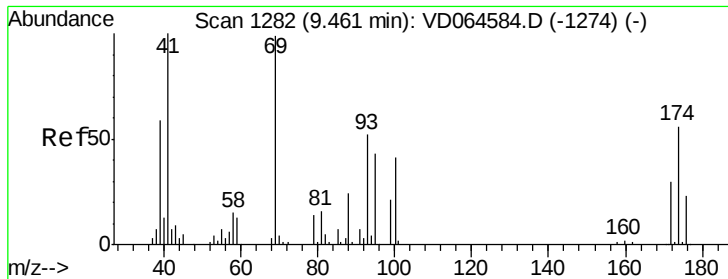
#44
Trichloroethene
Concen: 2.316 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

Tgt Ion:130 Resp: 14283
Ion Ratio Lower Upper
130 100
95 95.1 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 2.017 ug/l

RT: 9.63 min Scan# 1311

Delta R.T. 0.17 min

Lab File: VD064760.D

Acq: 04 Jan 2020 04:57

Instrument :
MSVOA_D
ClientSampled :

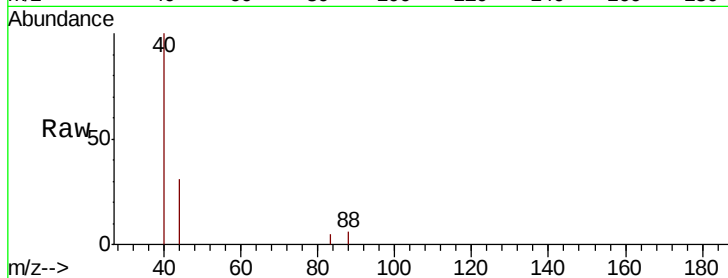
Tot Ion: 88 Resp: 65

Ion Ratio Lower Upper

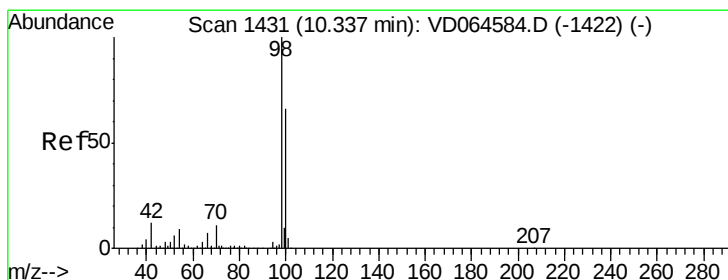
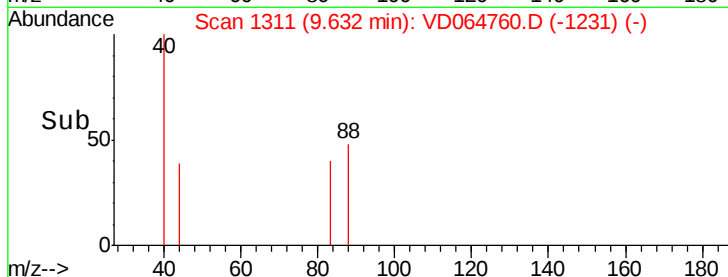
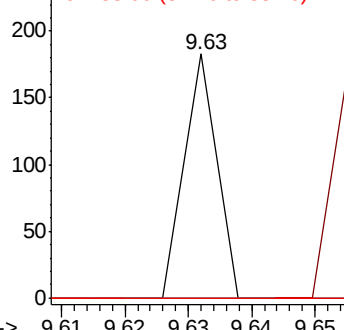
88 100

43 0.0 27.7 41.5#

58 0.0 53.8 80.6#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.334 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064760.D

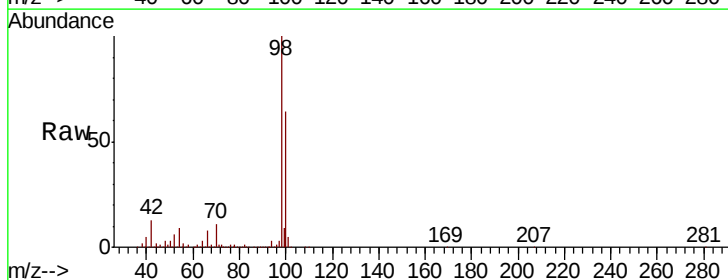
Acq: 04 Jan 2020 04:57

Tgt Ion: 98 Resp: 944966

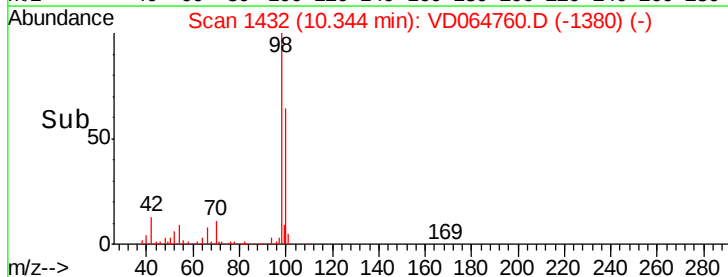
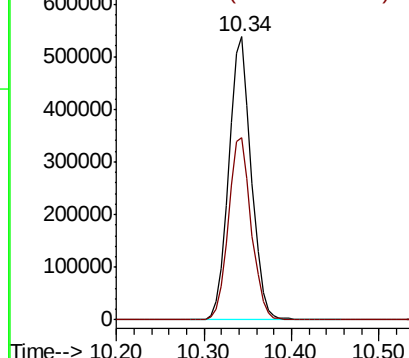
Ion Ratio Lower Upper

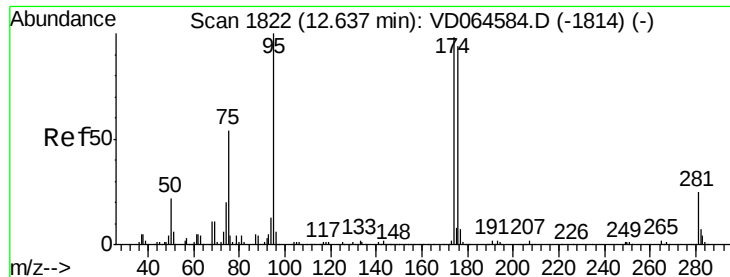
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

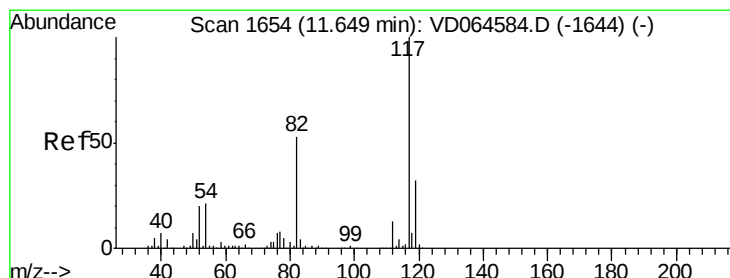
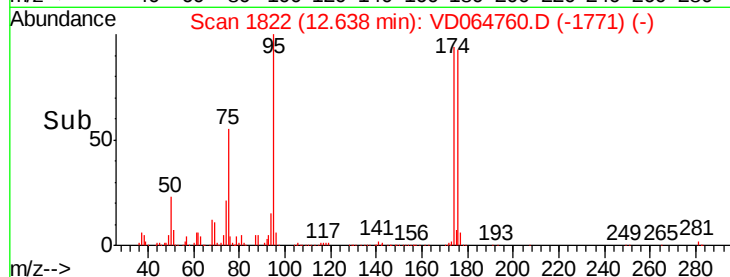
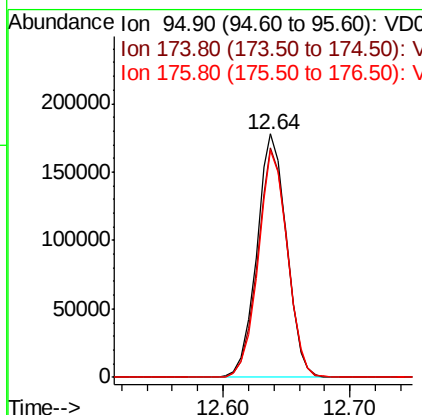
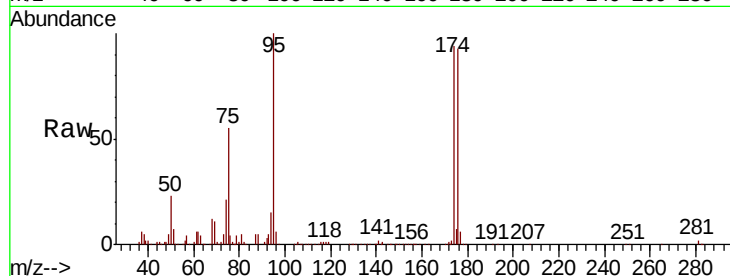




#62
4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

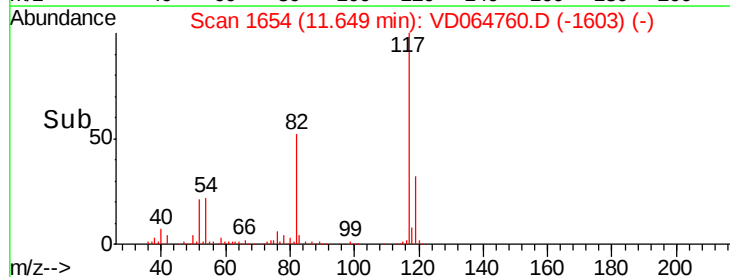
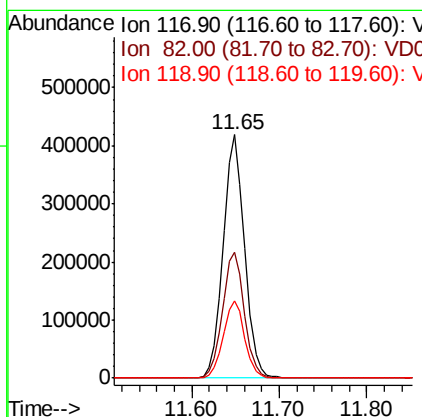
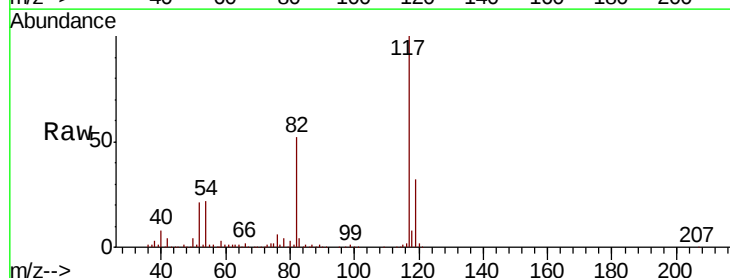
Instrument :
MSVOA_D
ClientSampleId :

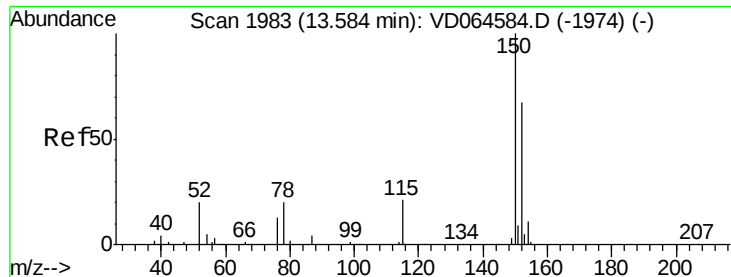
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	193.2
176	91.3	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064760.D
Acq: 04 Jan 2020 04:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.4
119	31.9	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: VD064760.D

Acq: 04 Jan 2020 04:57

Instrument :

MSVOA_D

ClientSampleId :

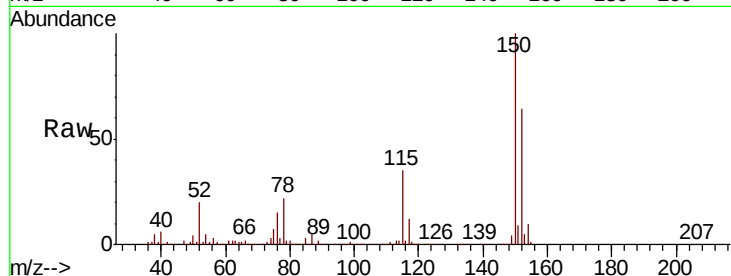
Tot Ion:152 Resp: 330111

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

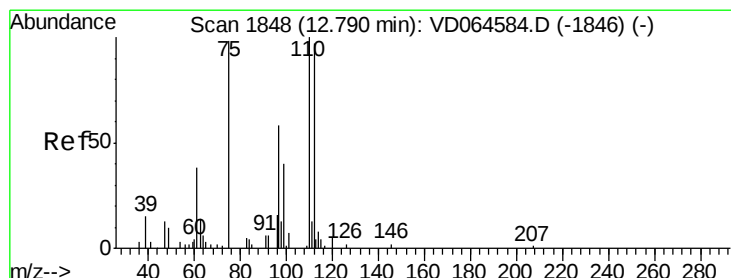
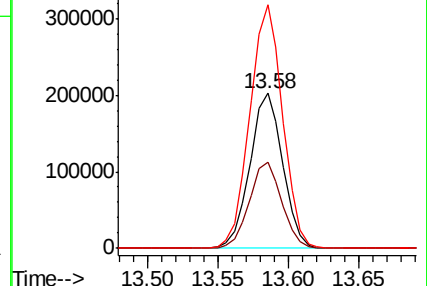
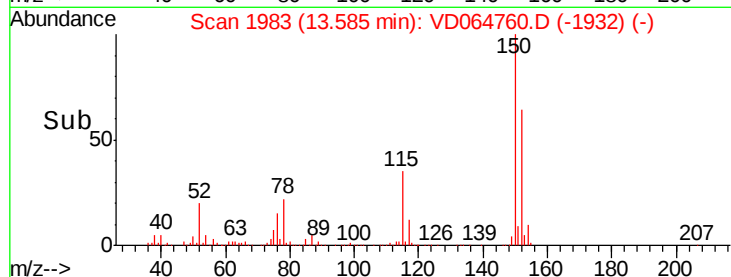
150 156.6 0.0 351.4



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: 58.596 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064760.D

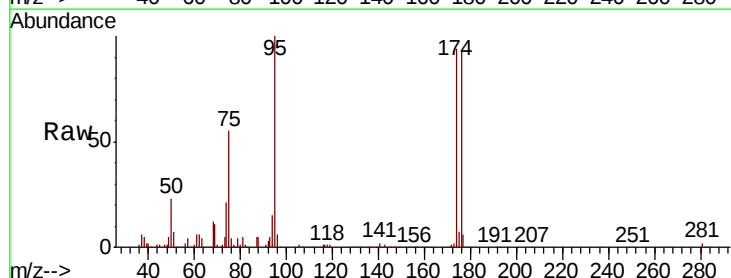
Acq: 04 Jan 2020 04:57

Tgt Ion: 75 Resp: 152747

Ion Ratio Lower Upper

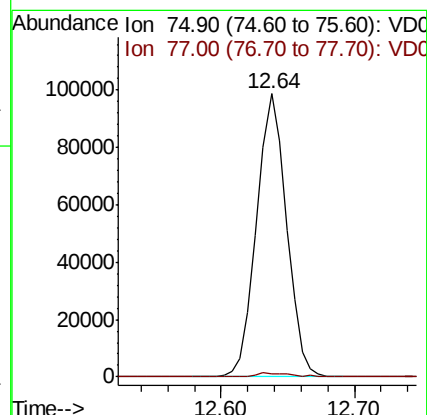
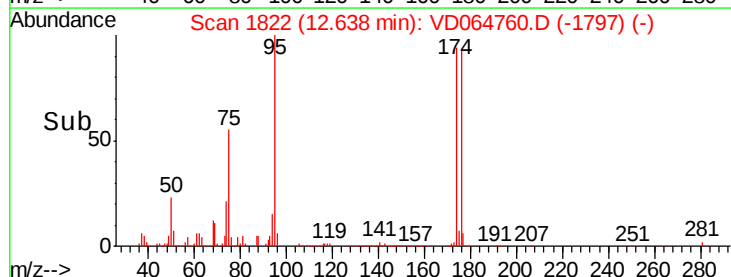
75 100

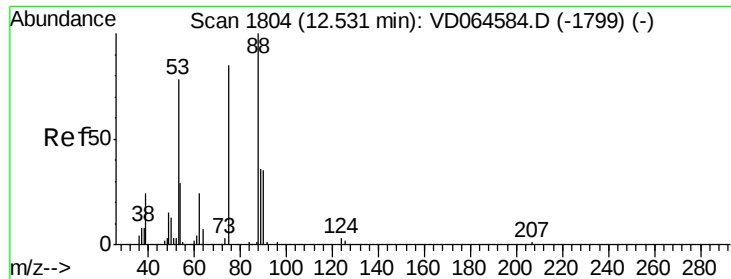
77 1.4 0.0 0.0#



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: 122.553 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064760.D

Acq: 04 Jan 2020 04:57

Instrument :

MSVOA_D

ClientSampleId :

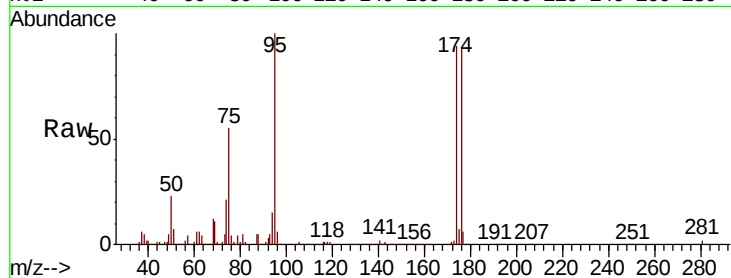
Tot Ion: 75 Resp: 152747

Ion Ratio Lower Upper

75 100

53 0.1 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

Ion 88.90 (88.60 to 89.60): VDC

