

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103019\
 Data File : VD064114.D
 Acq On : 30 Oct 2019 16:03
 Operator : VA/SY
 Sample : K5599-13
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:04:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

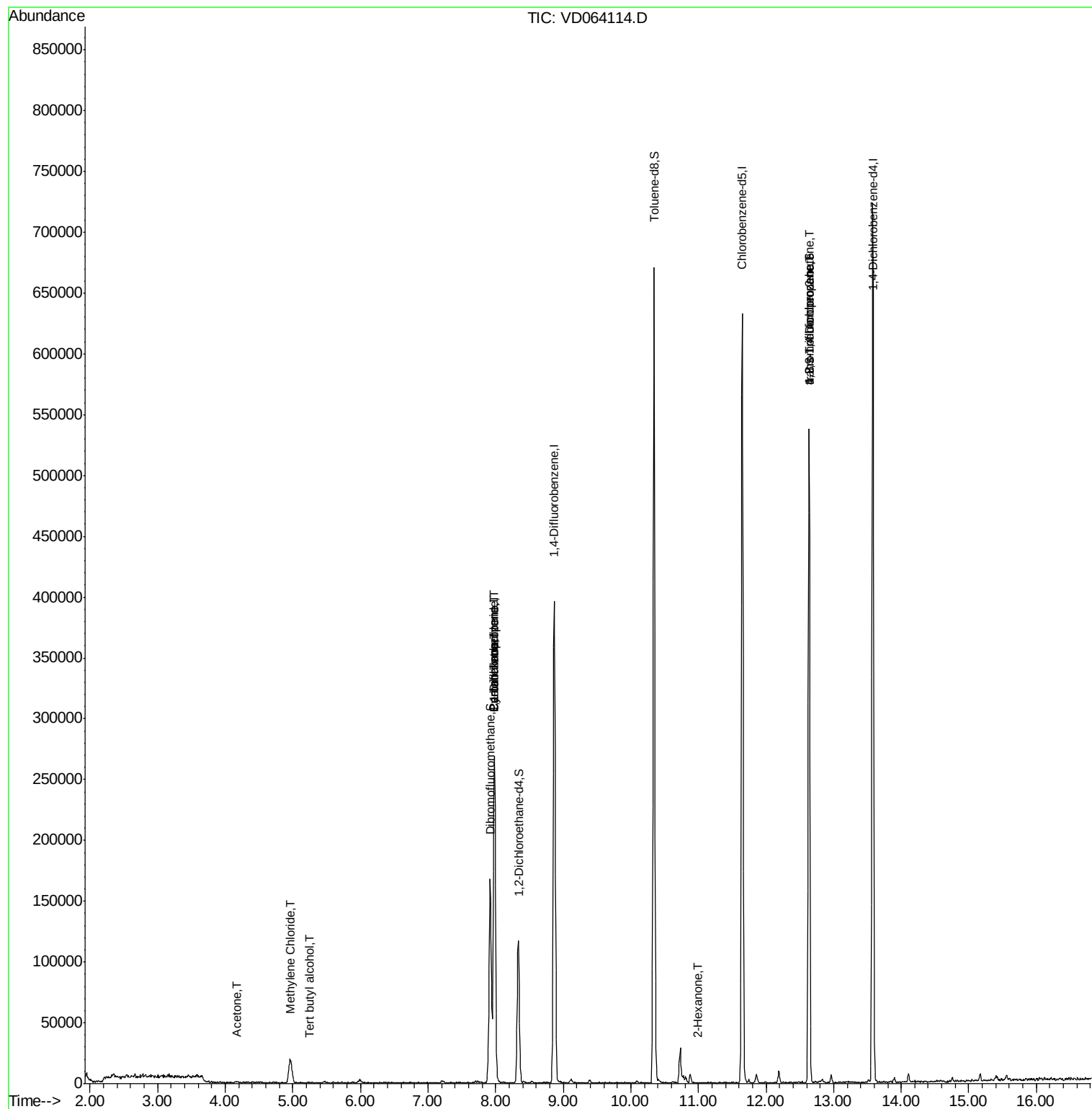
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	217189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	360194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	94809	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.92	113	112868	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.34	98	452808	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.64	95	152256	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.26	59	202	8.172	ug/l #	71
16) Acetone	4.16	43	1519	4.622	ug/l #	42
20) Methylene Chloride	4.96	84	16811	4.278	ug/l #	93
31) Cyclohexane	7.99	56	3961	1.233	ug/l #	51
36) 1,1-Dichloropropene	7.99	75	14640	4.338	ug/l #	51
38) Carbon Tetrachloride	7.98	117	20587	5.591	ug/l #	20
59) 2-Hexanone	10.98	43	55	9.073	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	81025	61.217	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	81025	125.022	ug/l #	15

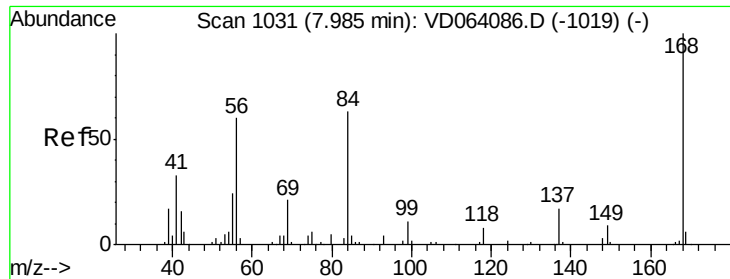
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103019\
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MSVOA_D
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Quant Time: Oct 31 04:04:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

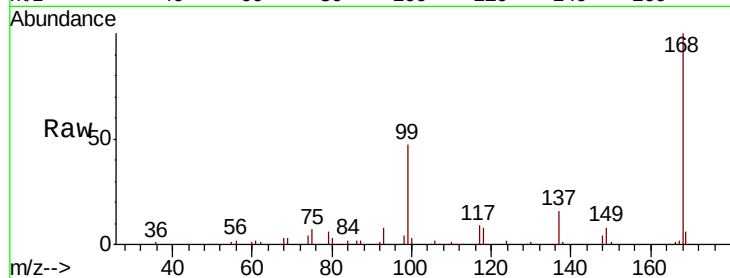
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 217189

Ion Ratio Lower Upper

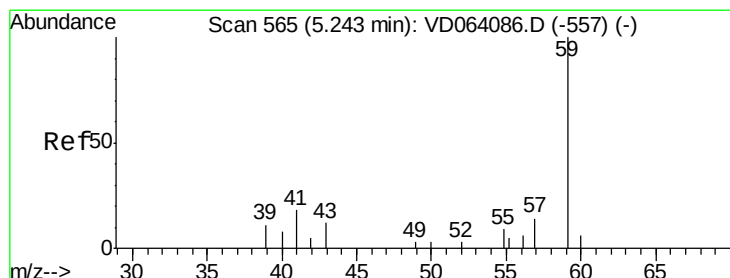
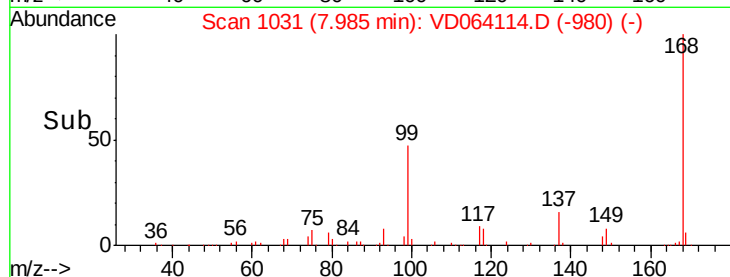
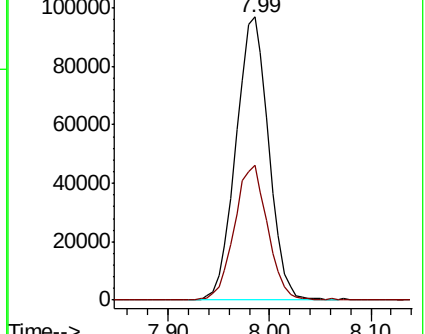
168 100

99 47.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 8.172 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD064114.D

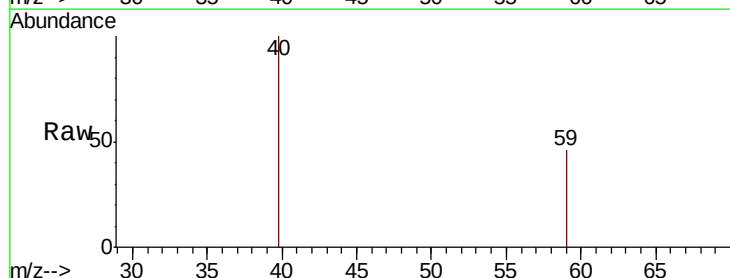
Acq: 30 Oct 2019 16:03

Tgt Ion: 59 Resp: 202

Ion Ratio Lower Upper

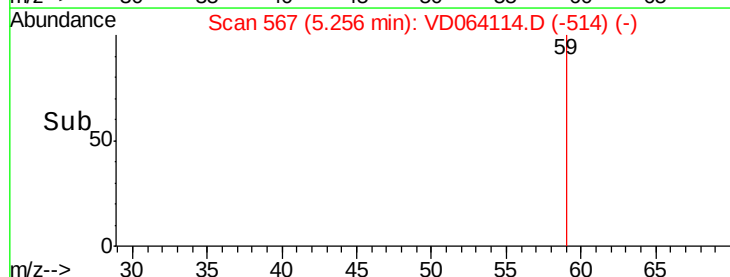
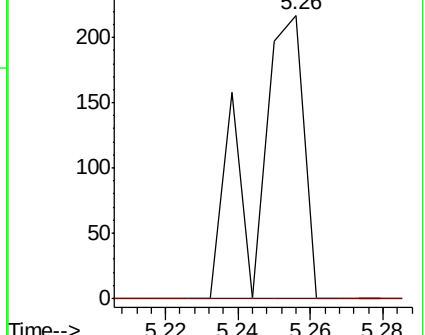
59 100

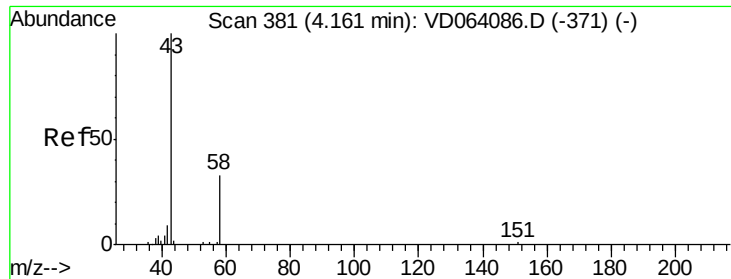
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

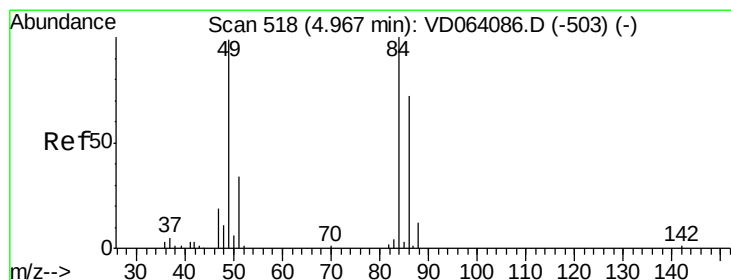
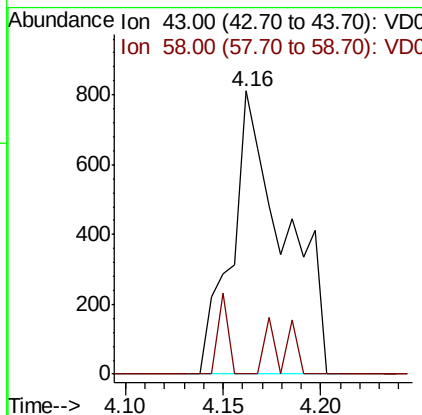
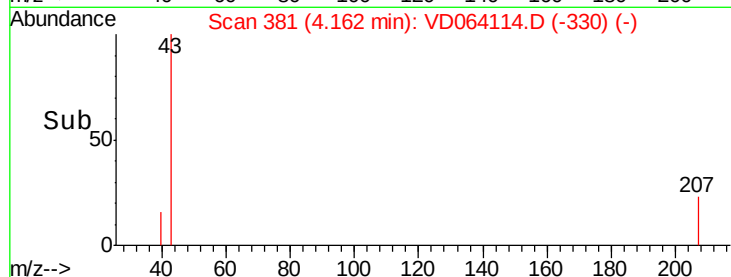
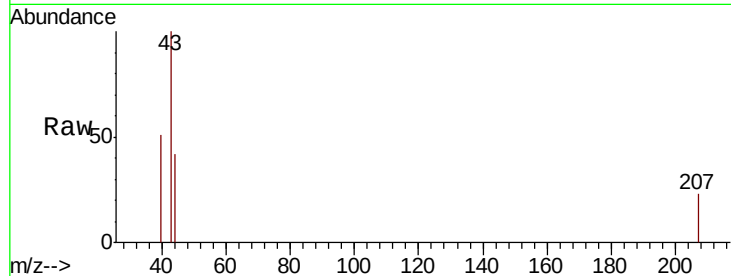




#16
Acetone
Concen: 4.622 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

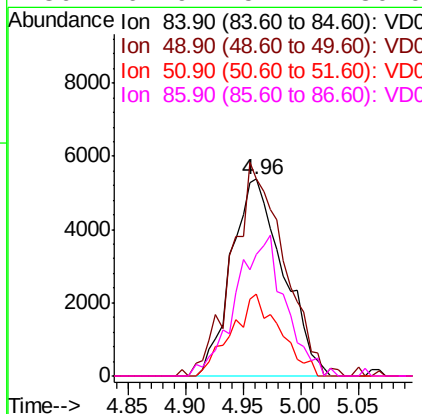
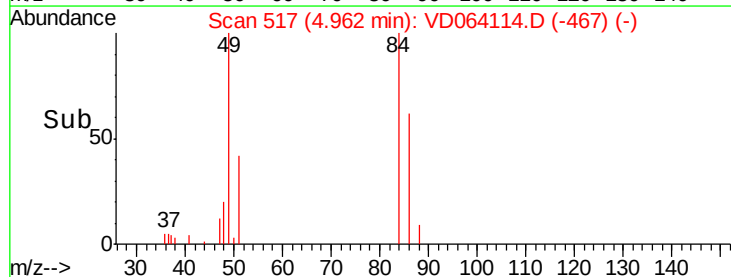
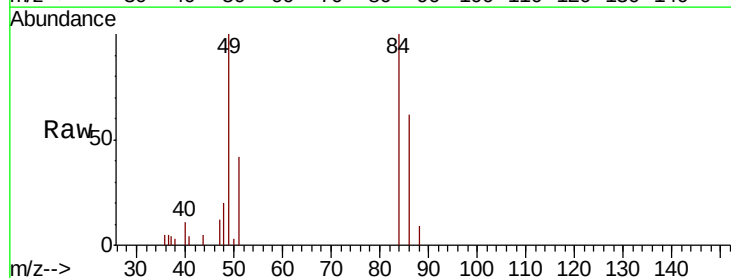
Instrument :
MSVOA_D
ClientSampleId :

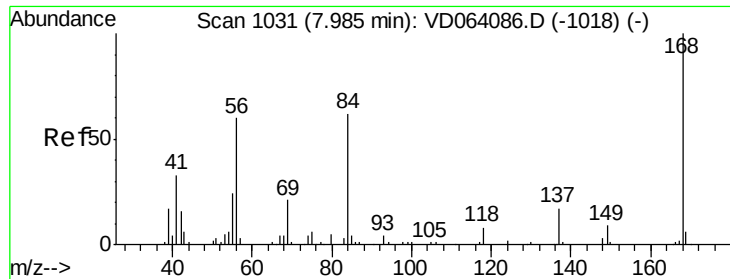
Tot Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 0.0 26.3 39.5#



#20
Methylene Chloride
Concen: 4.278 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Tgt Ion: 84 Resp: 16811
Ion Ratio Lower Upper
84 100
49 99.8 79.4 119.0
51 41.9 27.4 41.2#
86 61.9 57.4 86.0

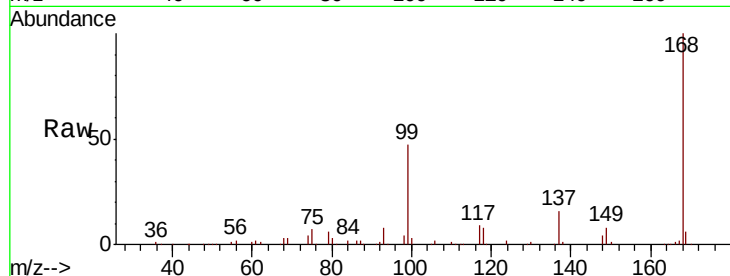




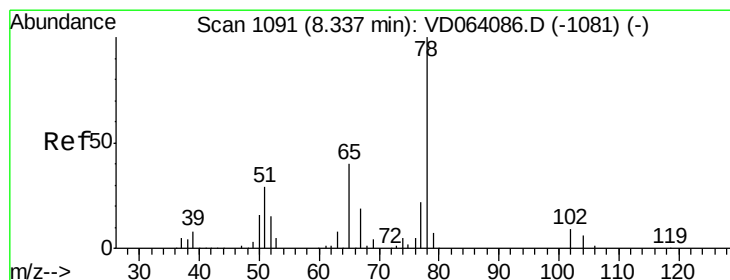
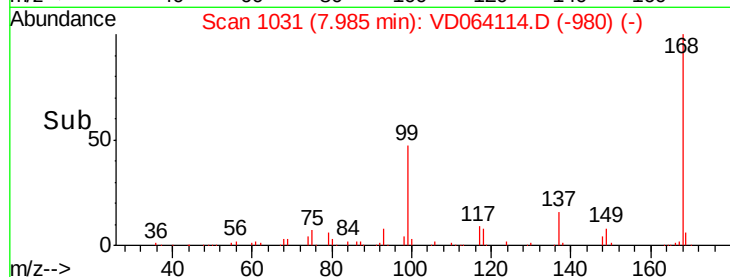
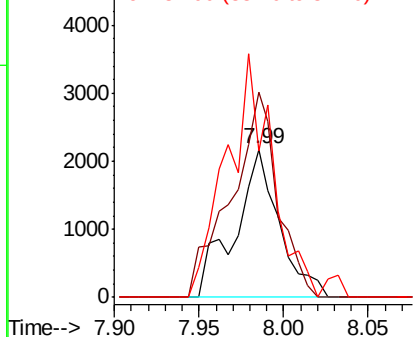
#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 139.0 27.7 41.5#
84 99.1 83.1 124.7

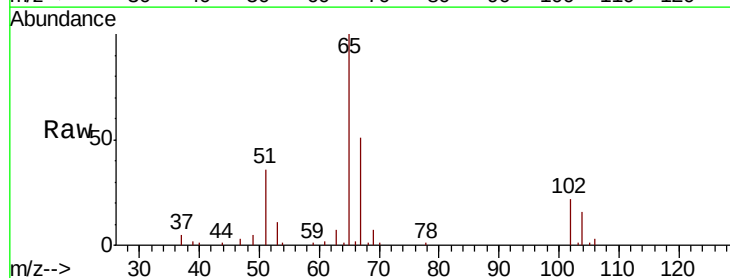


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

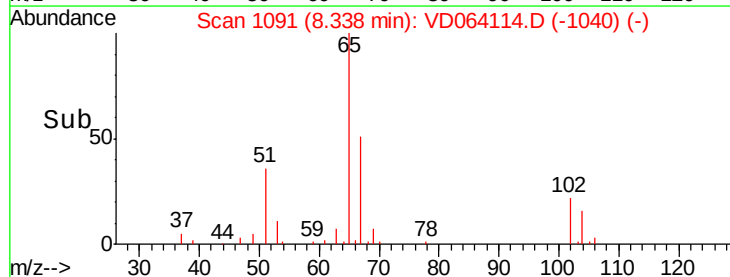
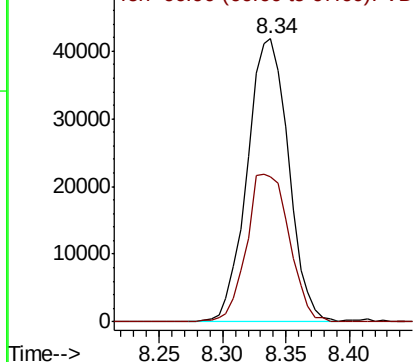


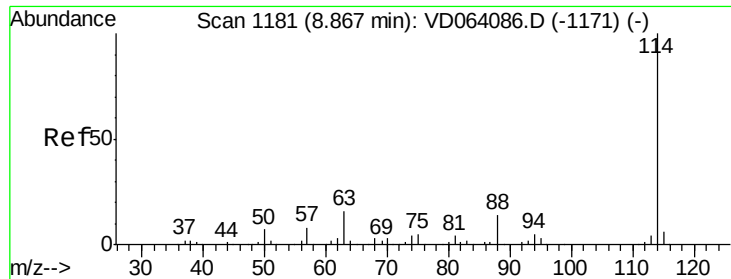
#33
1,2-Dichloroethane-d4
Concen: 54.888 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Tgt Ion: 65 Resp: 94809
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.6



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

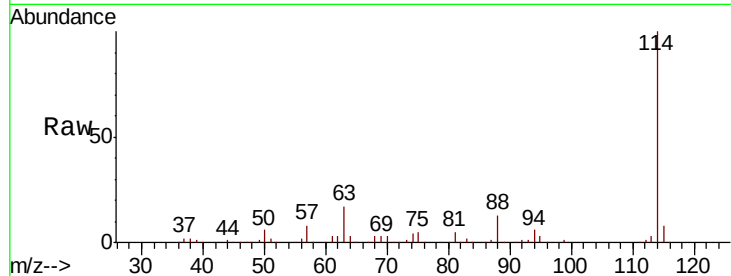




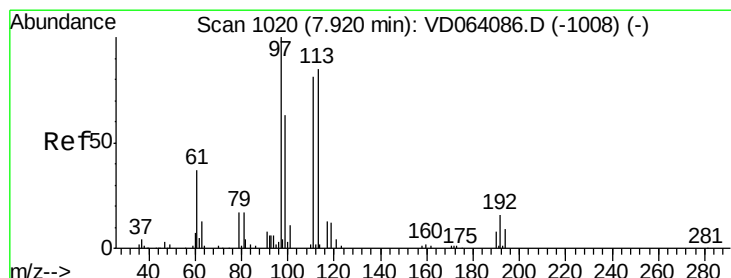
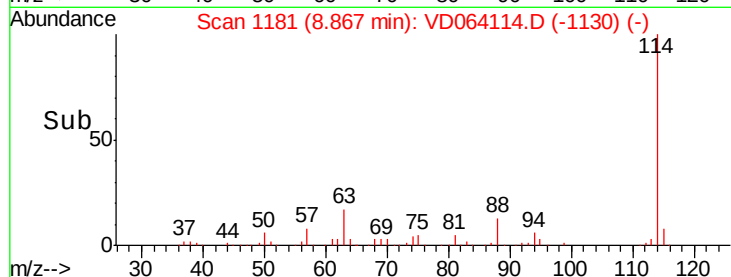
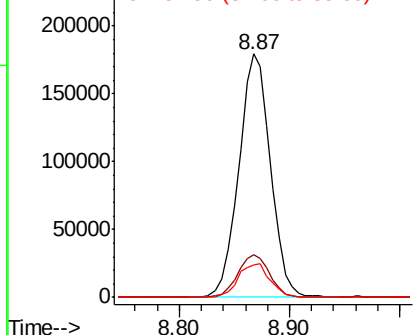
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064114.D
 Acq: 30 Oct 2019 16:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	32.8
88	13.4	0.0	27.6

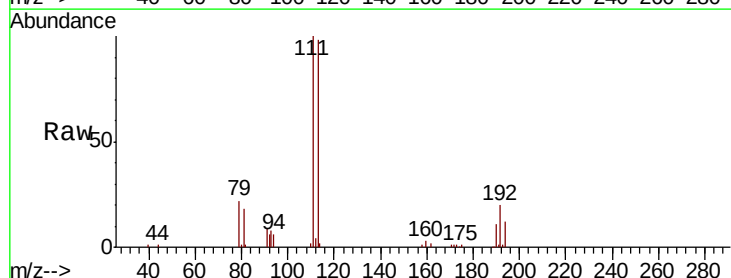


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

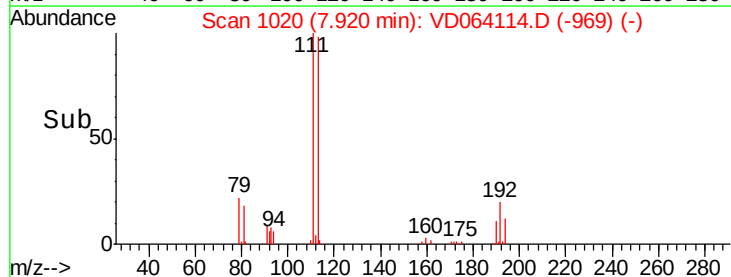
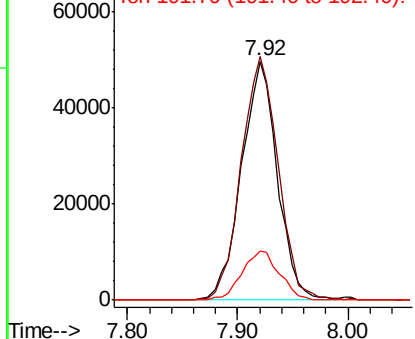


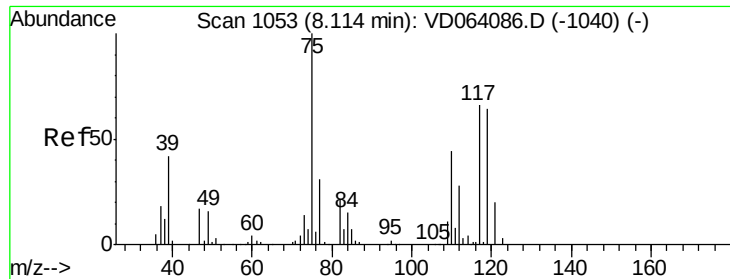
#35
 Dibromofluoromethane
 Concen: 50.933 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064114.D
 Acq: 30 Oct 2019 16:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	79.3	118.9
192	21.4	16.2	24.2



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

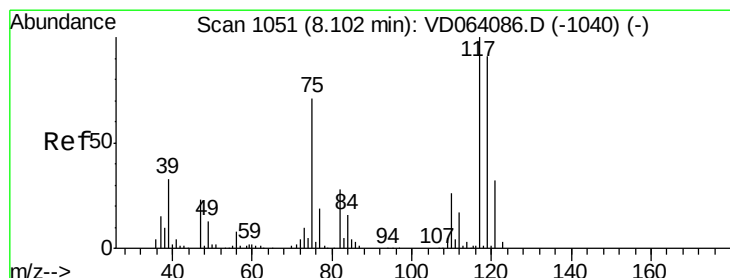
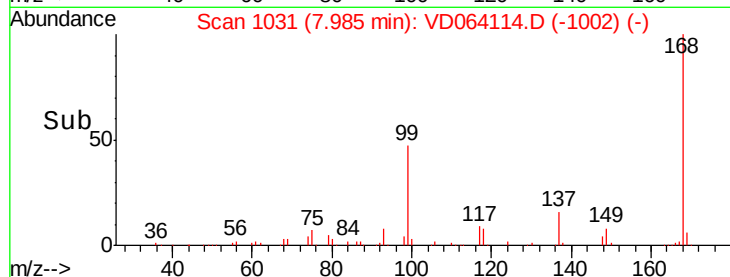
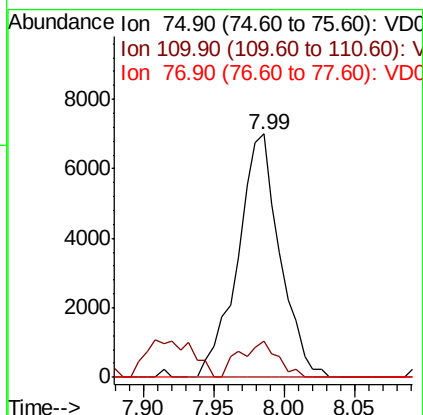
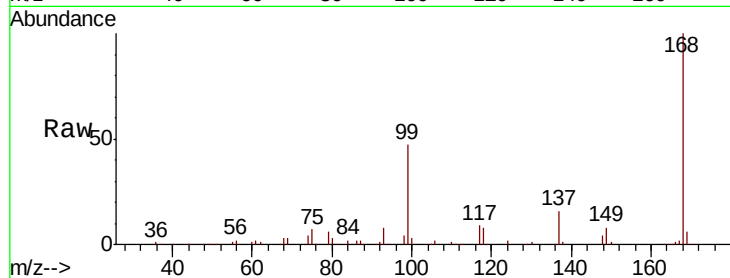




#36
 1,1-Dichloropropene
 Concen: 4.338 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064114.D
 Acq: 30 Oct 2019 16:03

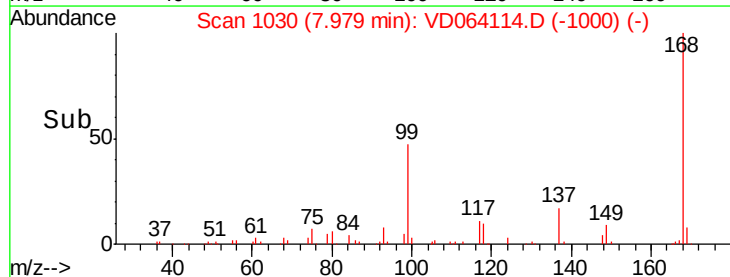
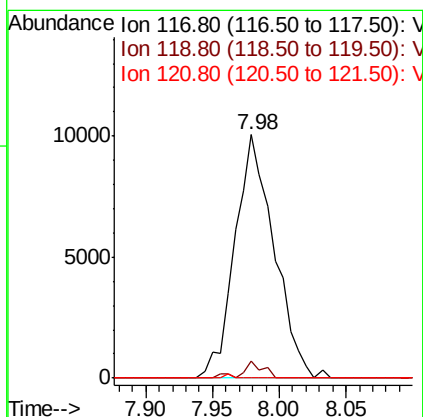
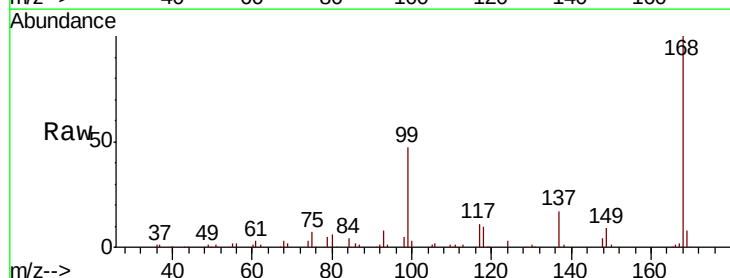
Instrument :
 MSVOA_D
 ClientSampleId :

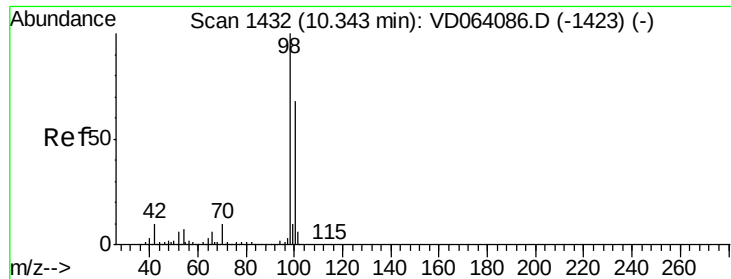
Tot Ion: 75 Resp: 14640
 Ion Ratio Lower Upper
 75 100
 110 13.3 20.0 59.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.591 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064114.D
 Acq: 30 Oct 2019 16:03

Tgt Ion: 117 Resp: 20587
 Ion Ratio Lower Upper
 117 100
 119 6.9 72.6 108.8#
 121 0.0 25.8 38.6#

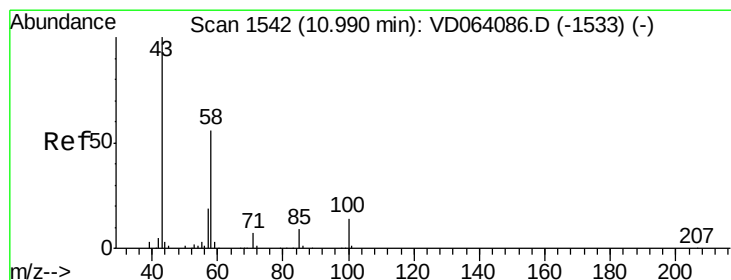
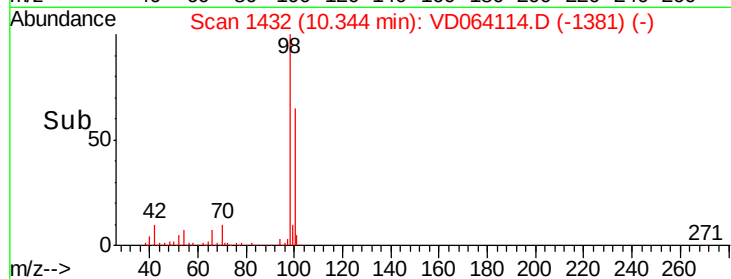
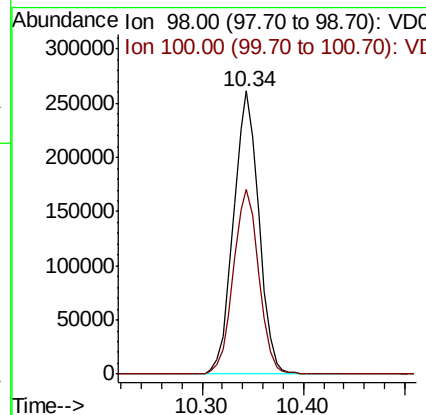
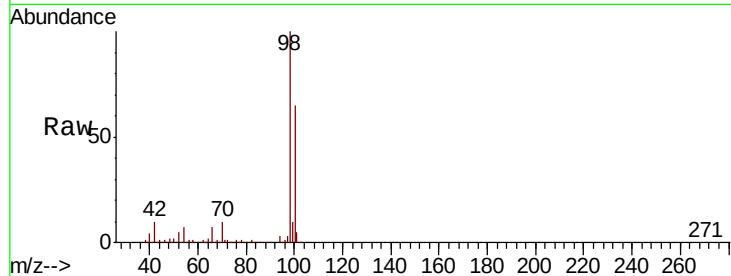




#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

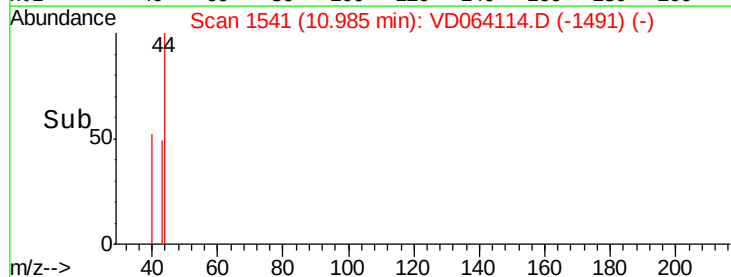
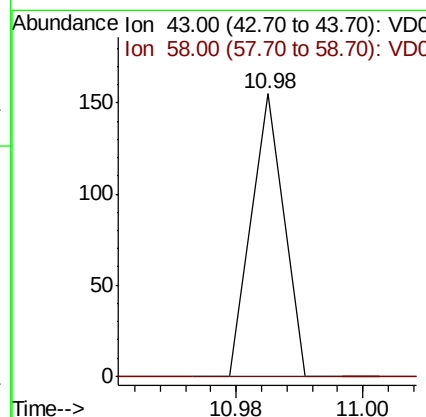
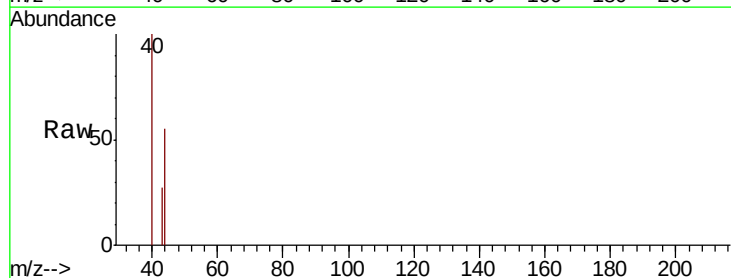
Instrument :
MSVOA_D
ClientSampleId :

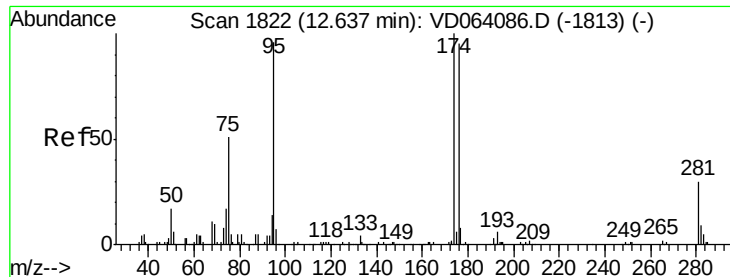
Tot Ion: 98 Resp: 452808
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#59
2-Hexanone
Concen: 9.073 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#

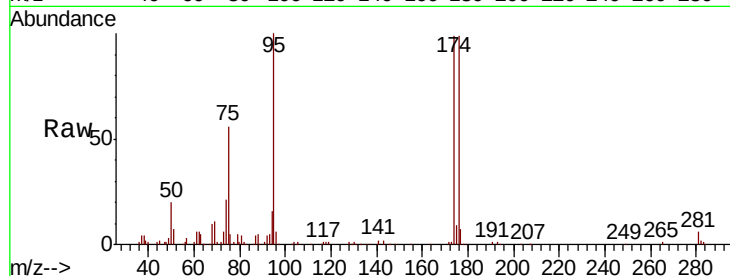




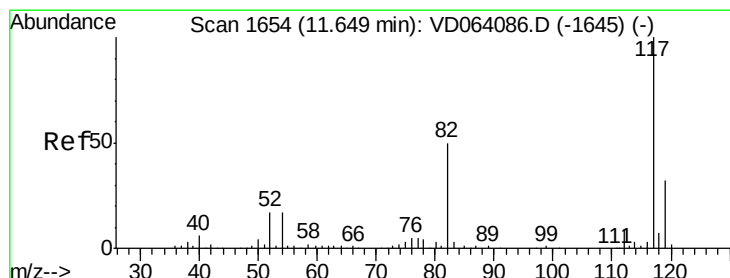
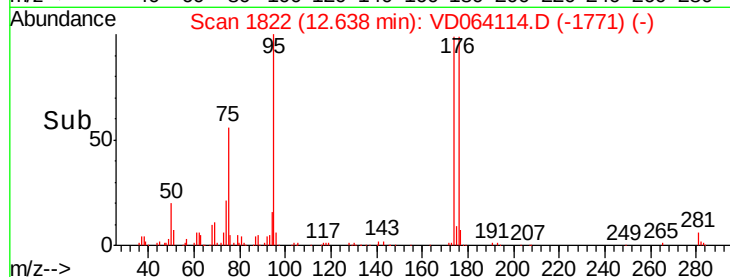
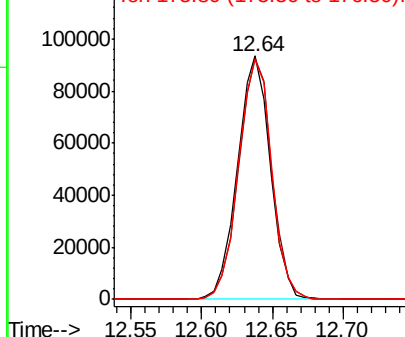
#62
4-Bromofluorobenzene
Concen: 51.821 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	201.6
176	99.2	0.0	192.6

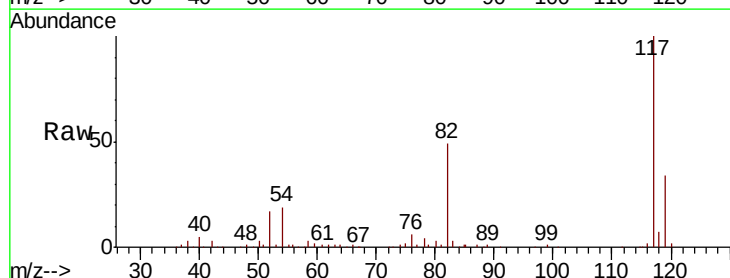


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

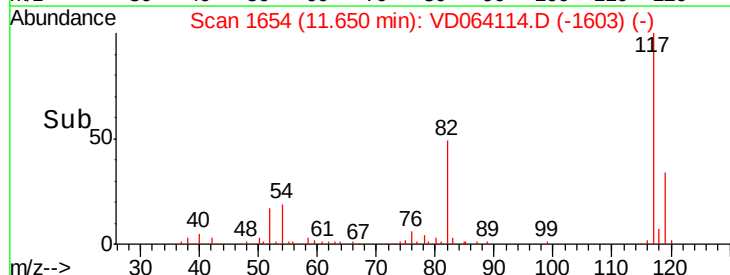
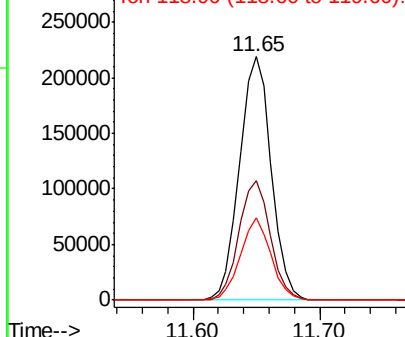


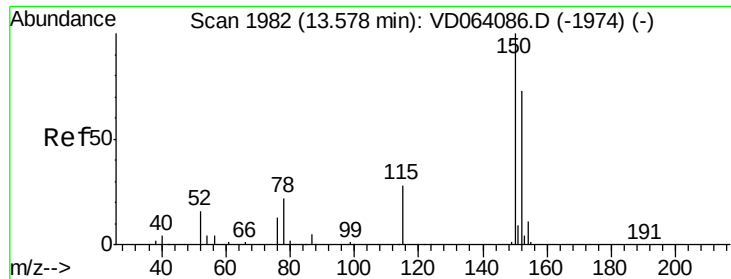
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064114.D
Acq: 30 Oct 2019 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.2	40.2	60.4
119	33.6	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# 1982

Delta R.T. 0.00 min

Lab File: VD064114.D

Acq: 30 Oct 2019 16:03

Instrument :

MSVOA_D

ClientSampleId :

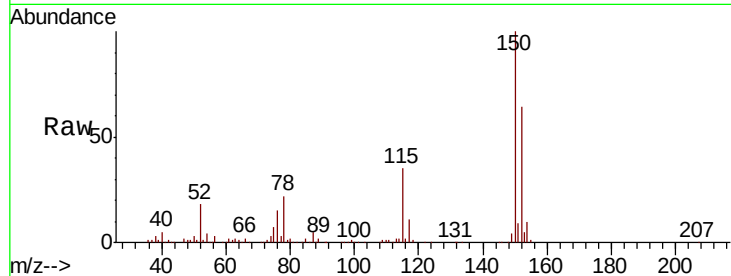
Tot Ion:152 Resp: 196975

Ion Ratio Lower Upper

152 100

115 53.4 26.2 78.6

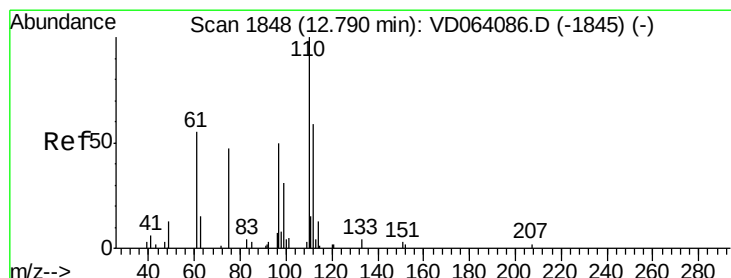
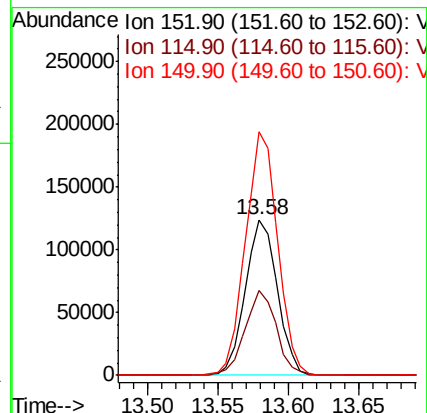
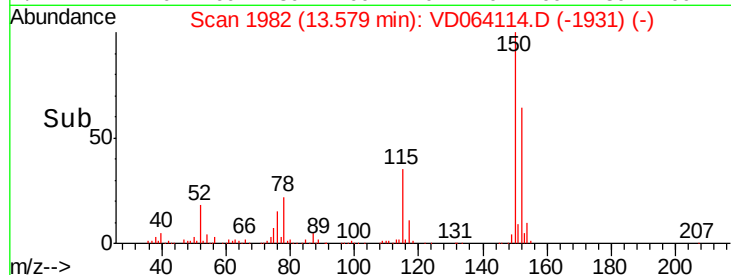
150 157.7 0.0 338.8



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: 61.217 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064114.D

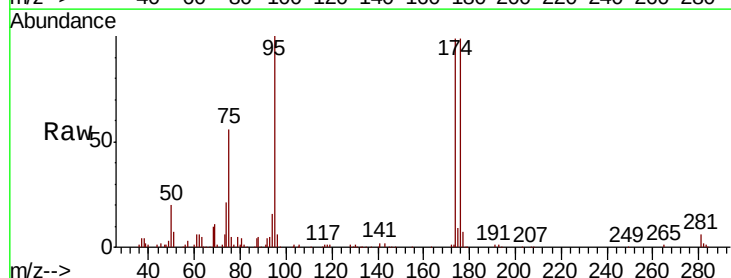
Acq: 30 Oct 2019 16:03

Tgt Ion: 75 Resp: 81025

Ion Ratio Lower Upper

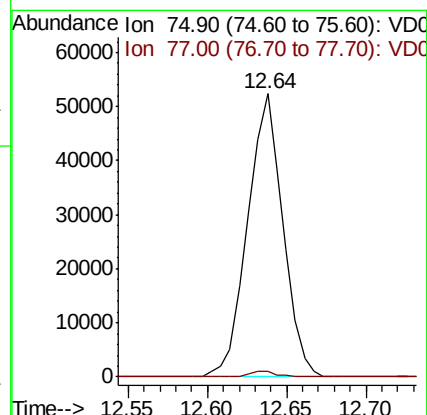
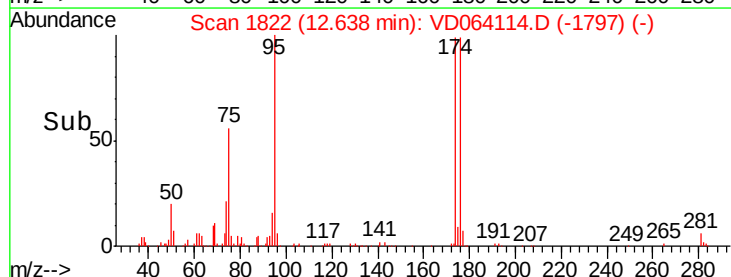
75 100

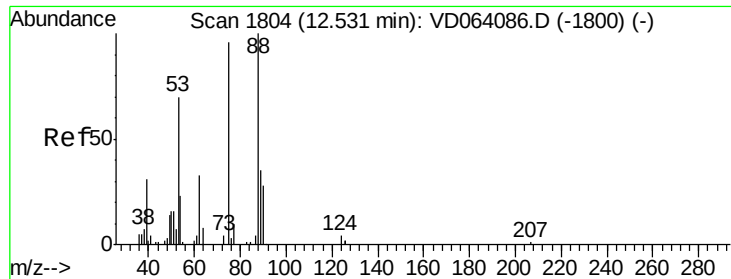
77 1.4 0.0 0.0#



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: 125.022 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064114.D
 Acq: 30 Oct 2019 16:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 81025
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.4 36.9 55.3#

