

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103019\
 Data File : VD064115.D
 Acq On : 30 Oct 2019 16:32
 Operator : VA/SY
 Sample : K5599-15
 Misc : 6.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:04:20 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	7.98	168	221160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	384033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	98311	55.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.78%	
35) Dibromofluoromethane	7.91	113	116989	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	
50) Toluene-d8	10.34	98	462826	50.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	159119	52.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.10%	

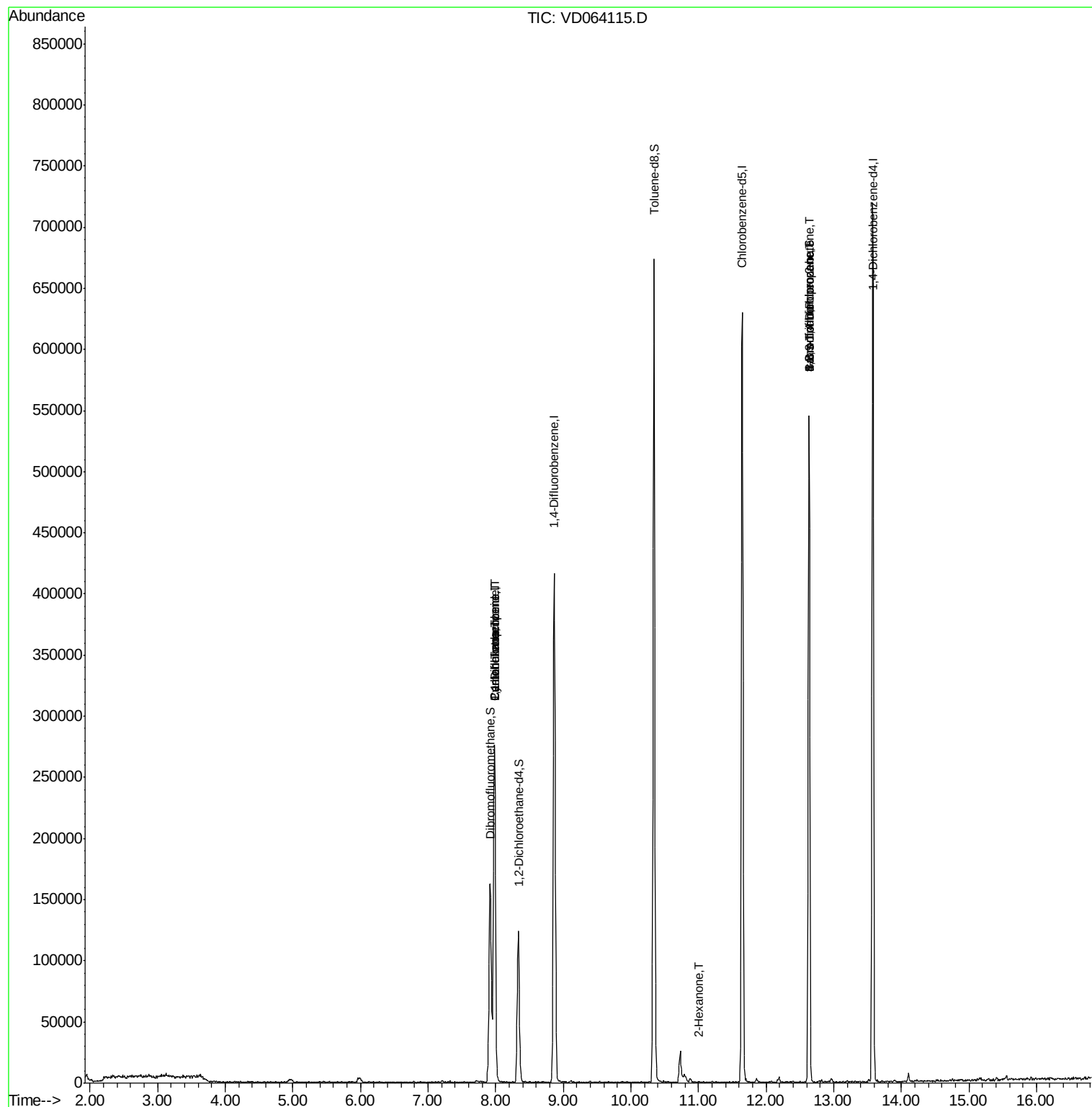
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	1722	Below Cal	#	53
31) Cyclohexane	7.99	56	4122	1.260	ug/l #	73
36) 1,1-Dichloropropene	7.98	75	15117	4.346	ug/l #	47
38) Carbon Tetrachloride	7.98	117	20081	5.291	ug/l #	18
59) 2-Hexanone	11.00	43	199	9.222	ug/l #	22
71) Bromoform	12.63	173	2853	1.799	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	79179	60.838	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	79179	124.246	ug/l #	15

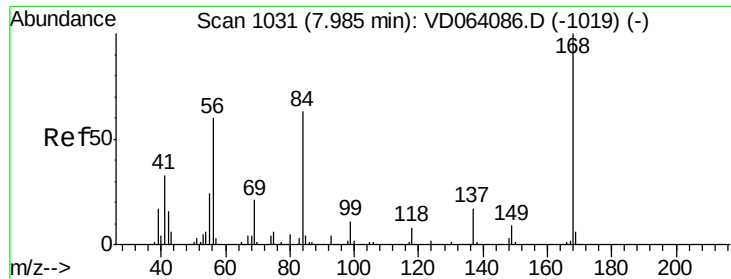
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103019\
Data File : VD064115.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 31 04:04:20 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

Instrument :

MSVOA_D

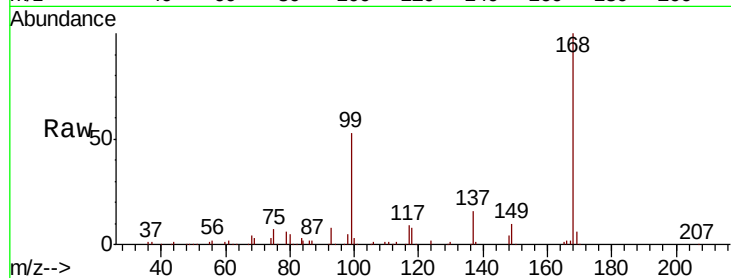
ClientSampleId :

Tot Ion:168 Resp: 221160

Ion Ratio Lower Upper

168 100

99 53.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

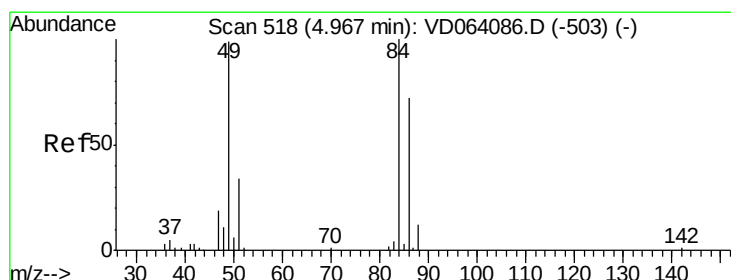
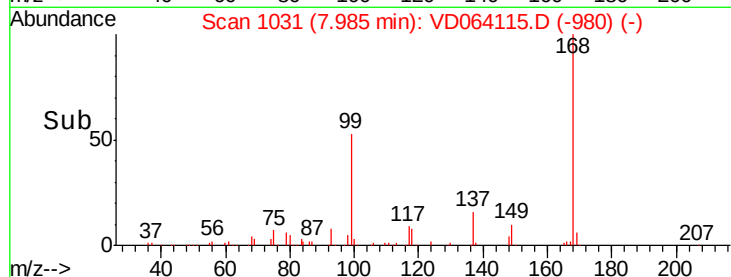
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

Tgt Ion: 84 Resp: 1722

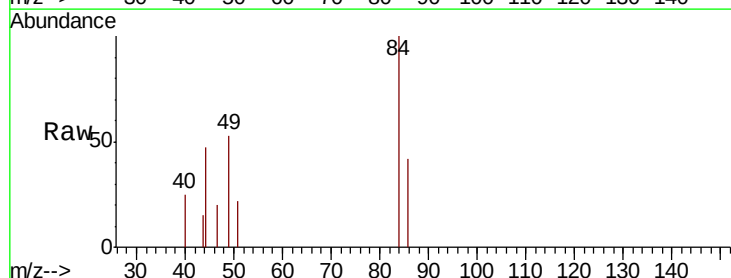
Ion Ratio Lower Upper

84 100

49 35.6 79.4 119.0#

51 21.7 27.4 41.2#

86 42.2 57.4 86.0#



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

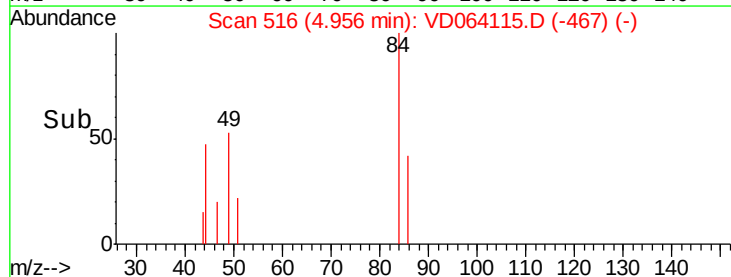
1500

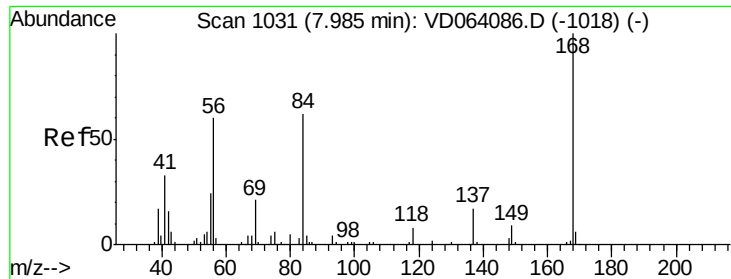
1000

500

0

Time-->

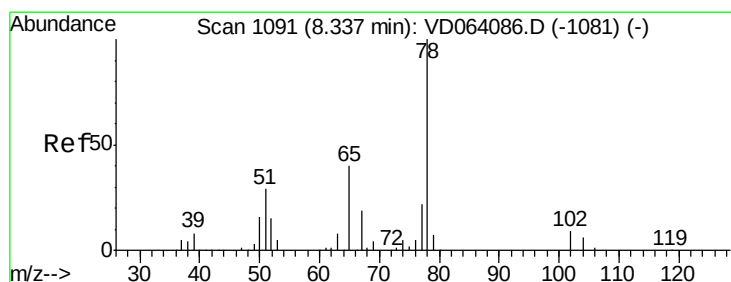
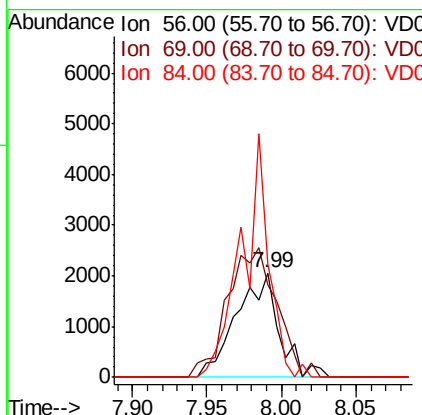
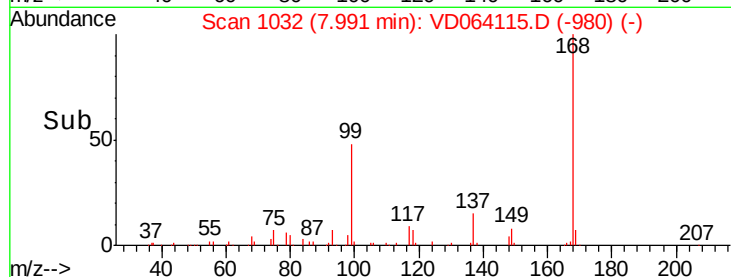
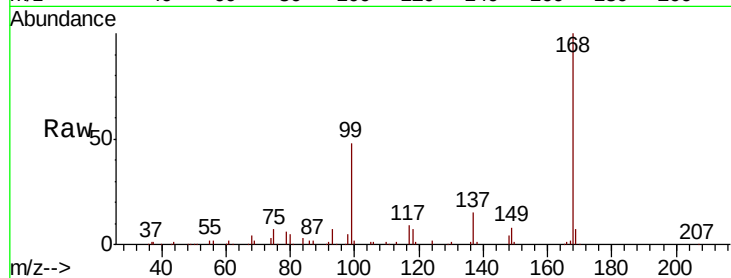




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

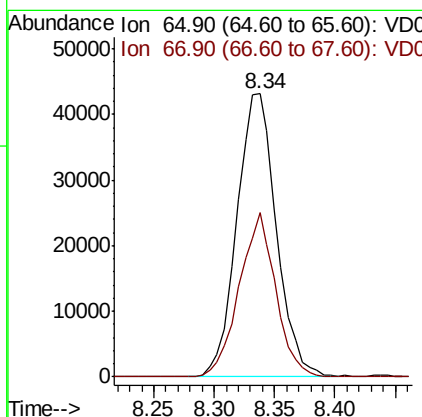
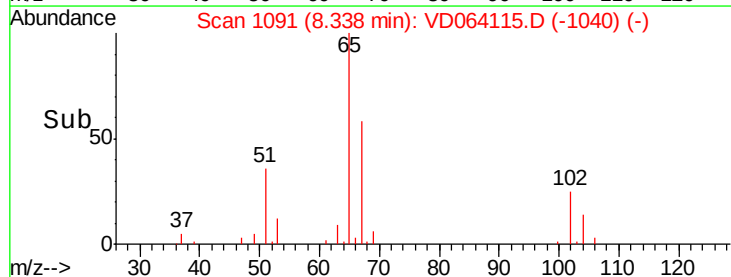
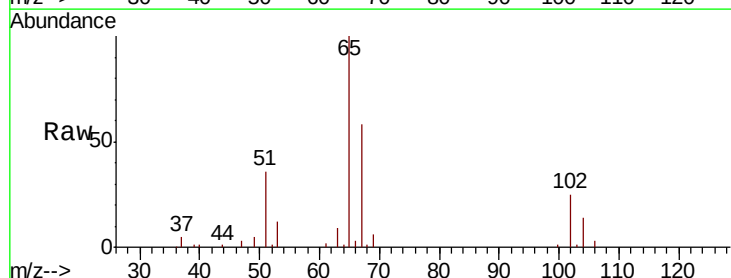
Instrument :
MSVOA_D
ClientSampleId :

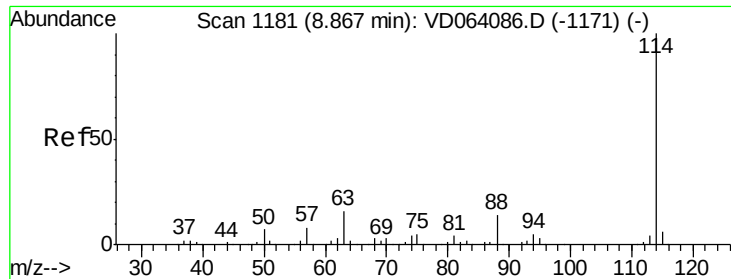
Tot Ion: 56 Resp: 4122
Ion Ratio Lower Upper
56 100
69 88.5 27.7 41.5#
84 108.5 83.1 124.7



#33
1,2-Dichloroethane-d4
Concen: 55.893 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

Tgt Ion: 65 Resp: 98311
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.6

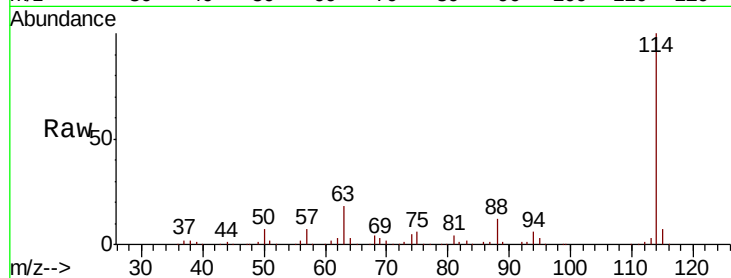




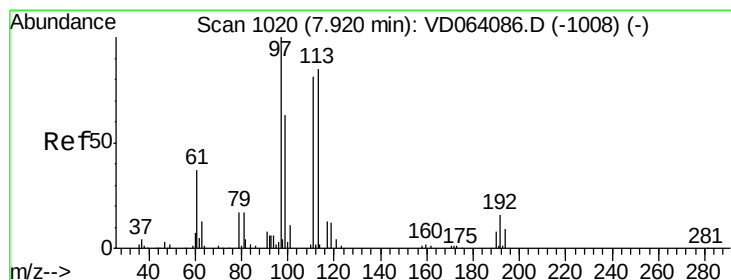
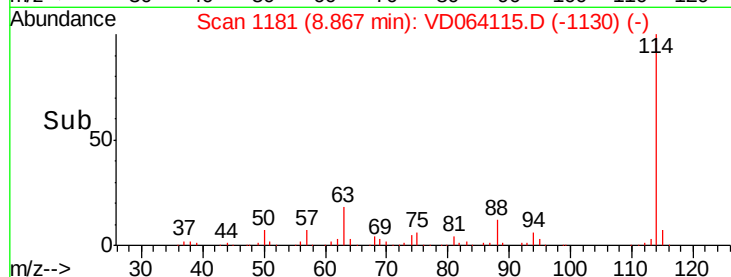
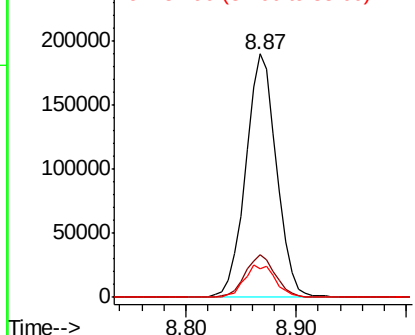
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 371243
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 32.8
 88 11.9 0.0 27.6

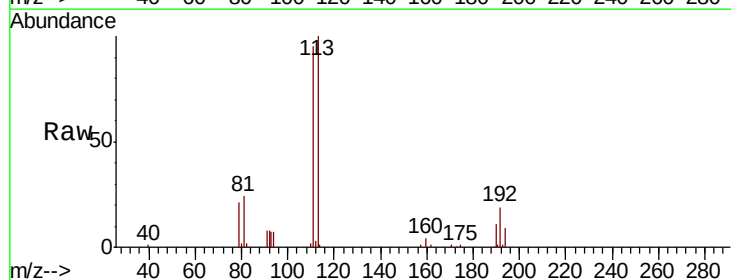


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

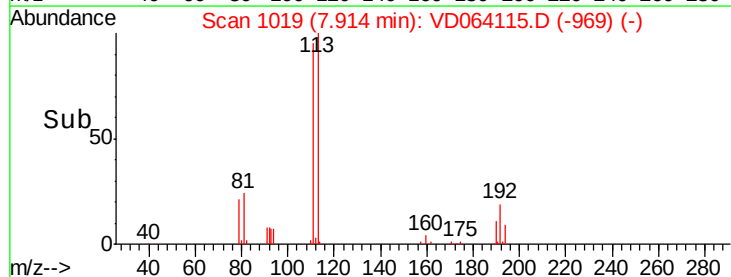
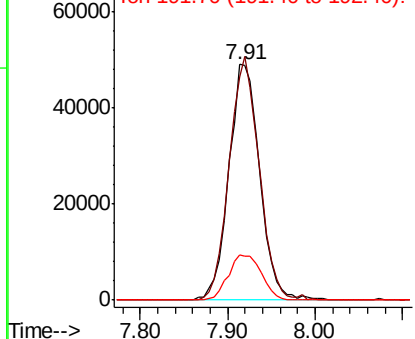


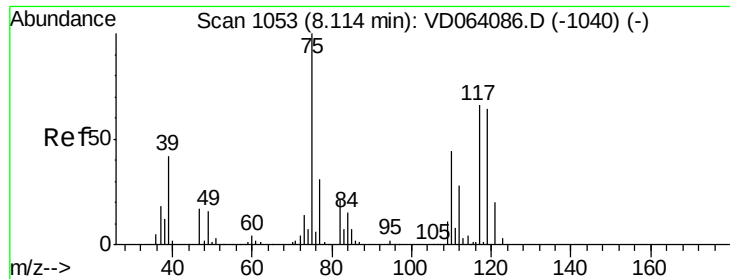
#35
 Dibromofluoromethane
 Concen: 51.221 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

Tgt Ion:113 Resp: 116989
 Ion Ratio Lower Upper
 113 100
 111 100.5 79.3 118.9
 192 20.4 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

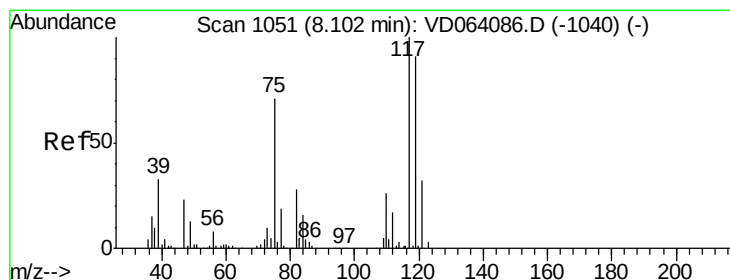
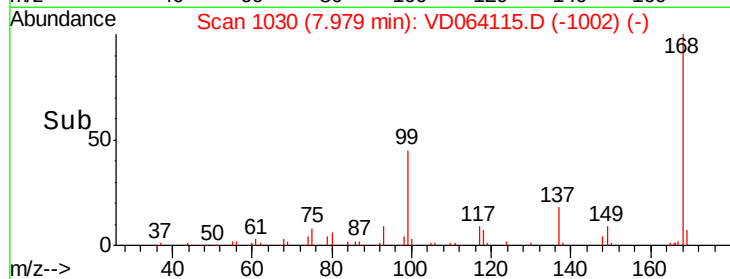
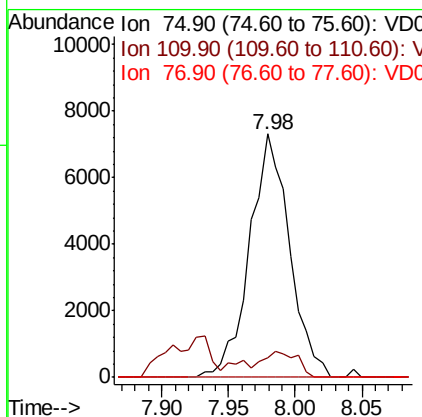
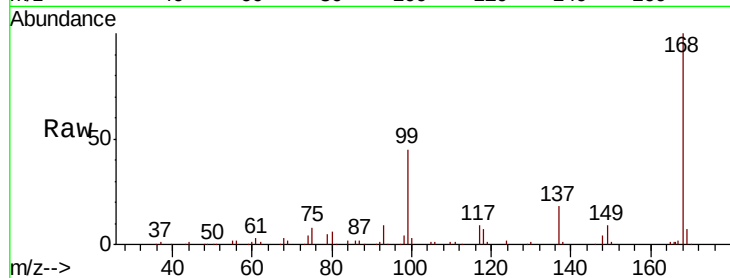




#36
 1,1-Dichloropropene
 Concen: 4.346 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

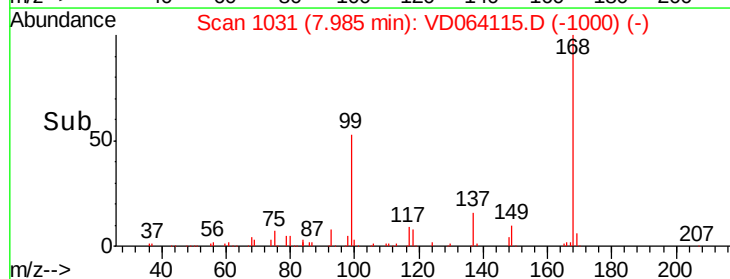
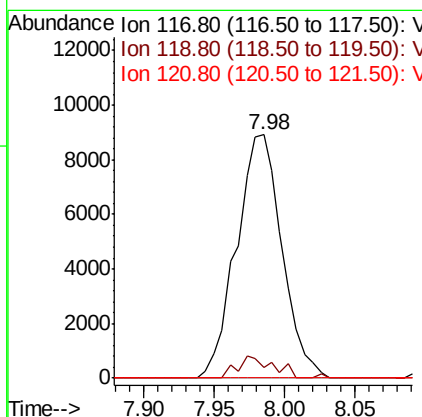
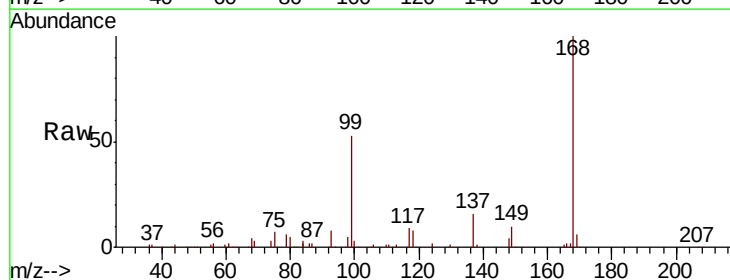
Instrument :
 MSVOA_D
 ClientSampled :

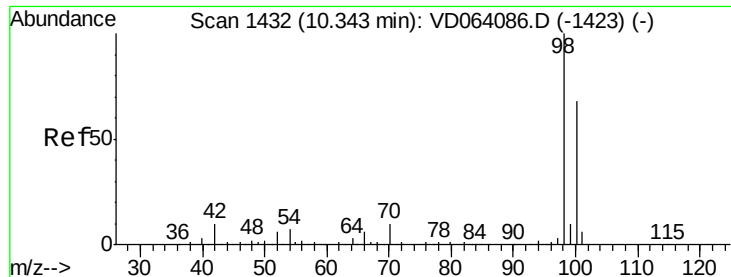
Tot Ion	75	Resp	15117
Ion Ratio	100	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.291 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

Tgt Ion	117	Resp	20081
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.3	72.6	108.8#
121	0.0	25.8	38.6#

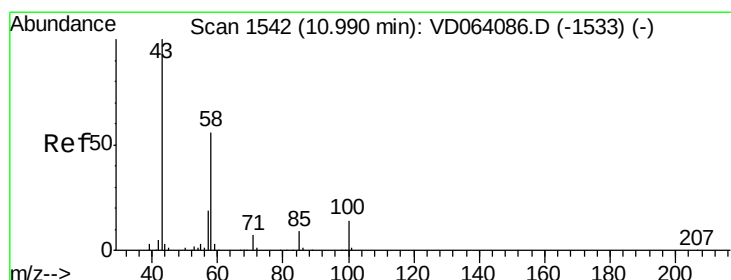
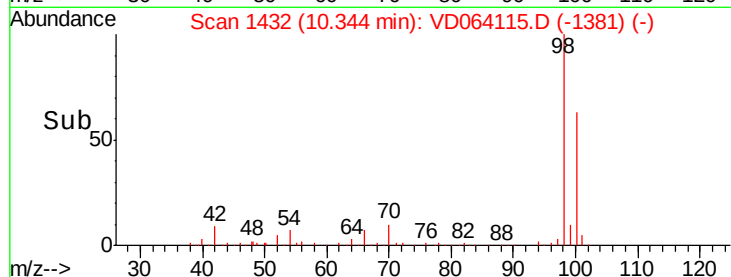
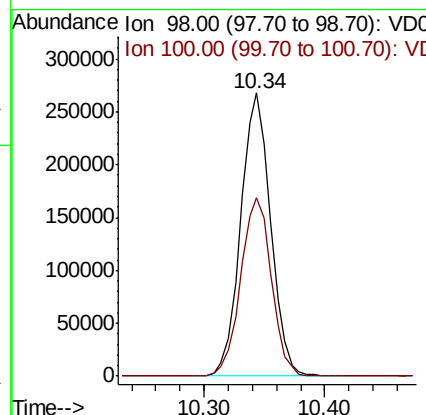
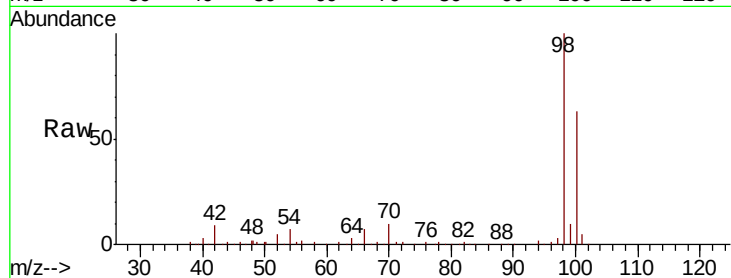




#50
Toluene-d8
Concen: 50.670 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

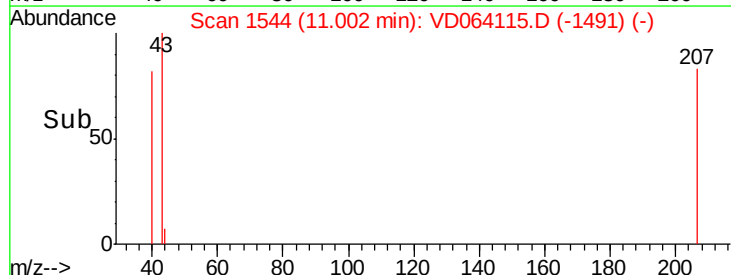
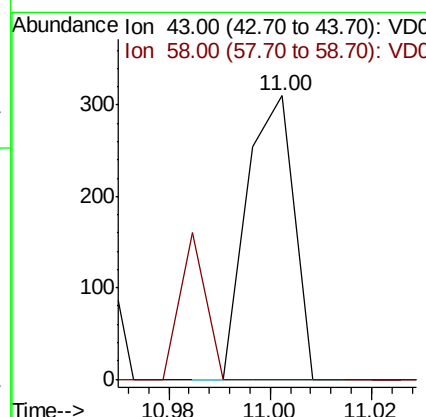
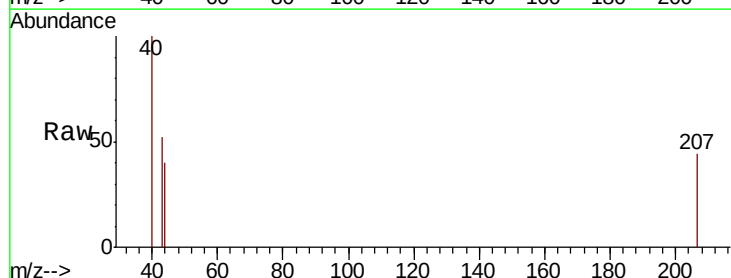
Instrument :
MSVOA_D
ClientSampleId :

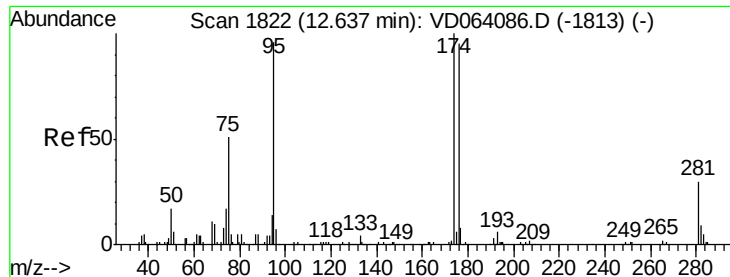
Tot Ion: 98 Resp: 462826
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#59
2-Hexanone
Concen: 9.222 ug/l
RT: 11.00 min Scan# 1544
Delta R.T. 0.01 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#

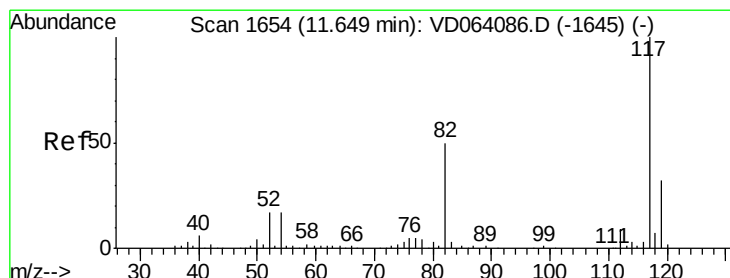
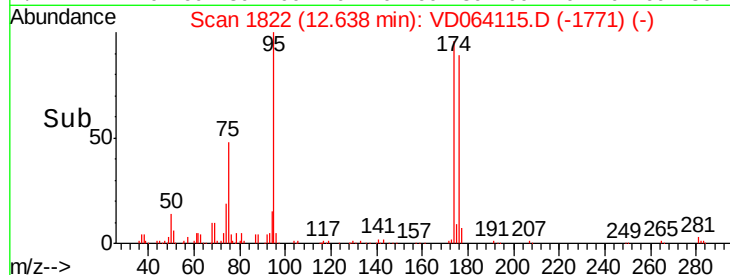
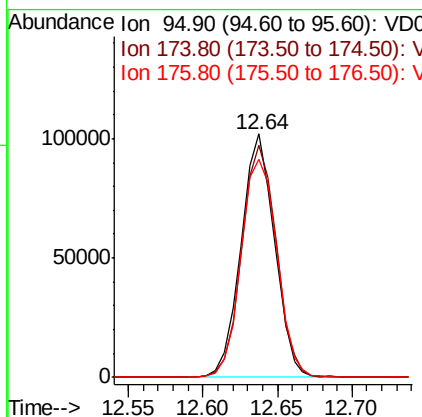
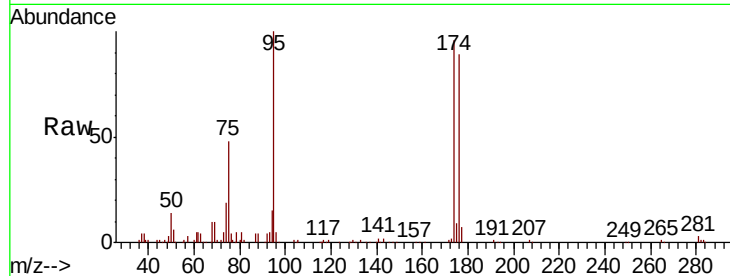




#62
4-Bromofluorobenzene
Concen: 52.545 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

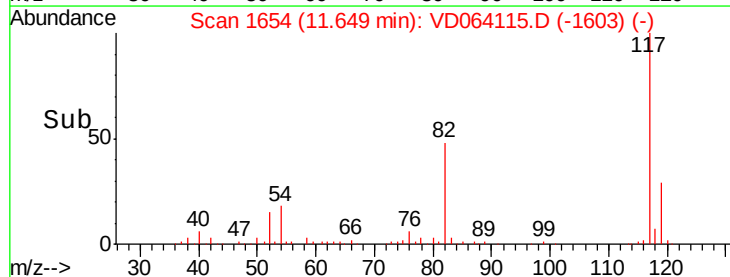
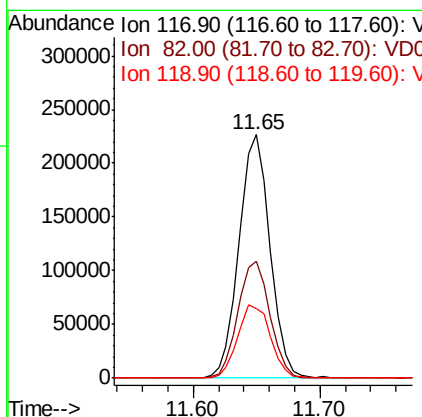
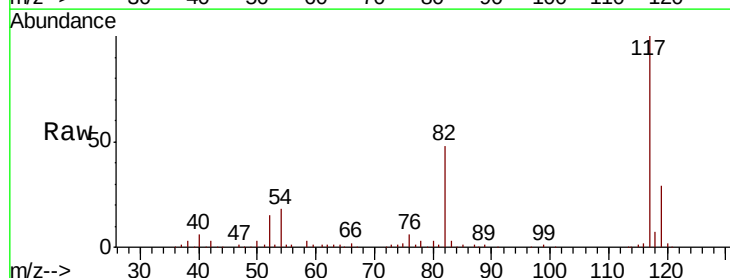
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MSVOA_D
ClientSampleId :

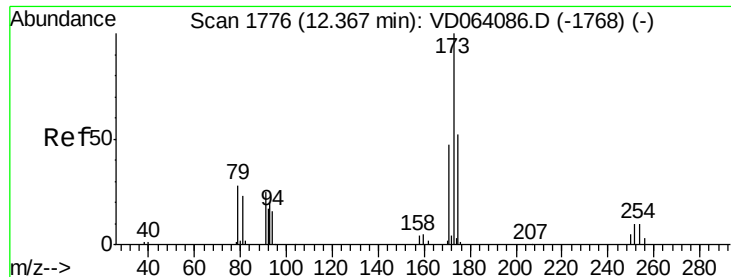
Tot Ion: 95 Resp: 159119
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.6
176 95.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064115.D
Acq: 30 Oct 2019 16:32

Tgt Ion: 117 Resp: 384033
Ion Ratio Lower Upper
117 100
82 48.2 40.2 60.4
119 28.7 26.0 39.0





#71

Bromoform

Concen: 1.799 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.27 min

Lab File: VD064115.D

Acq: 30 Oct 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

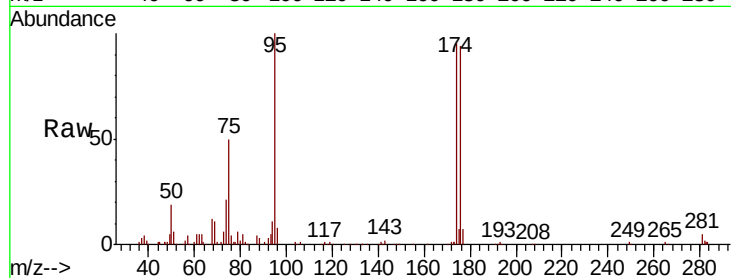
Tot Ion:173 Resp: 2853

Ion Ratio Lower Upper

173 100

175 361.7 24.3 72.9#

254 0.0 0.0 0.0

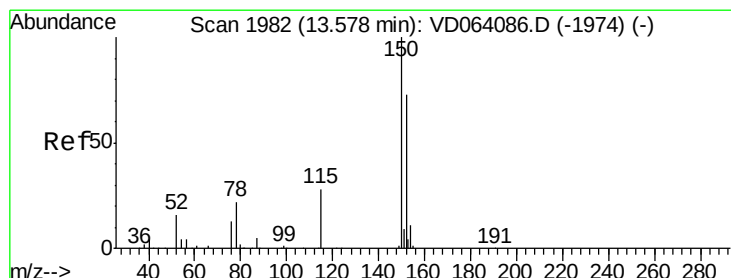
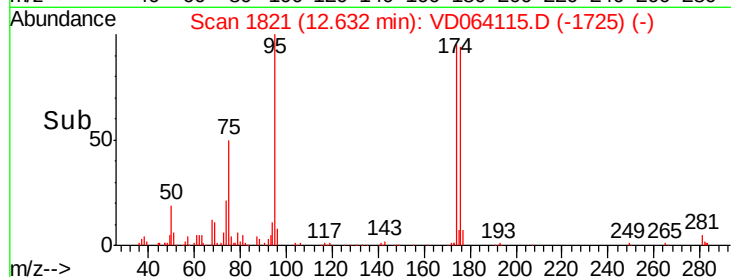
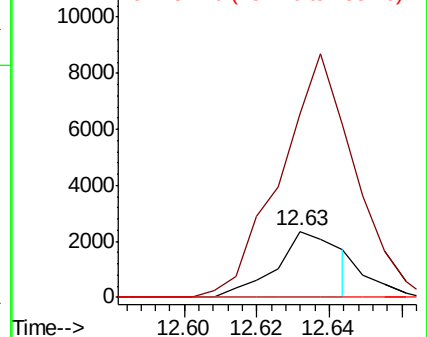


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VD064115.D

Acq: 30 Oct 2019 16:32

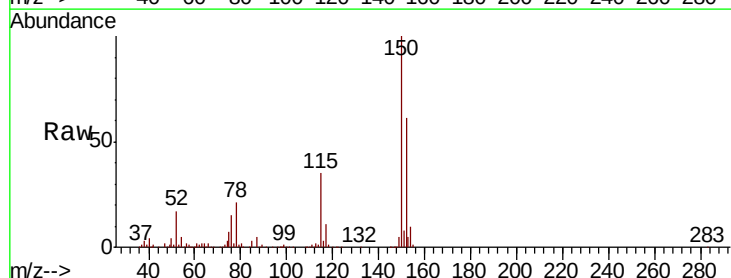
Tgt Ion:152 Resp: 193689

Ion Ratio Lower Upper

152 100

115 54.8 26.2 78.6

150 160.1 0.0 338.8

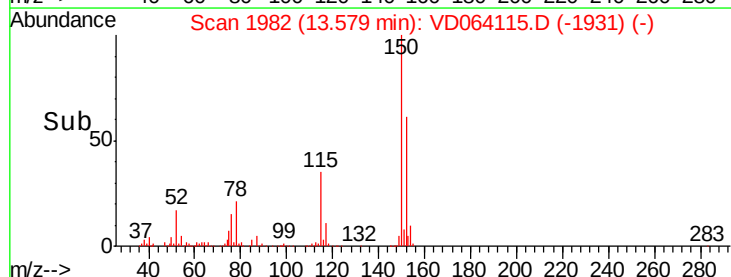
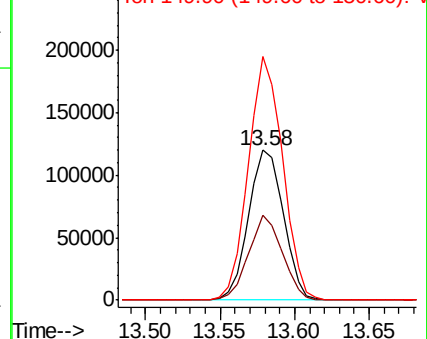


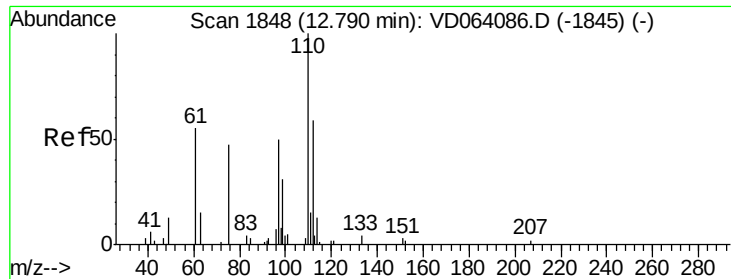
Abundance

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

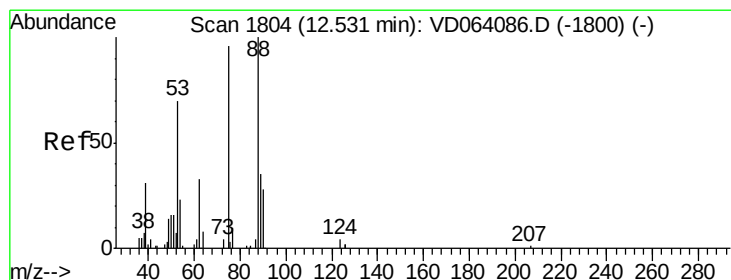
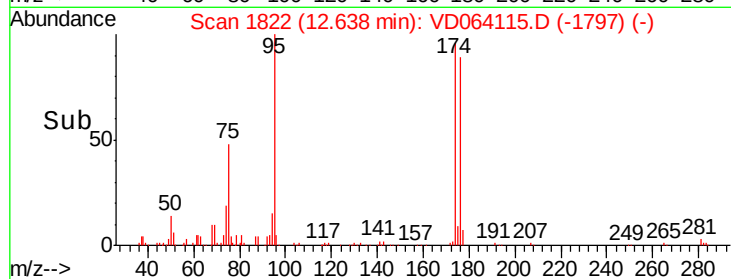
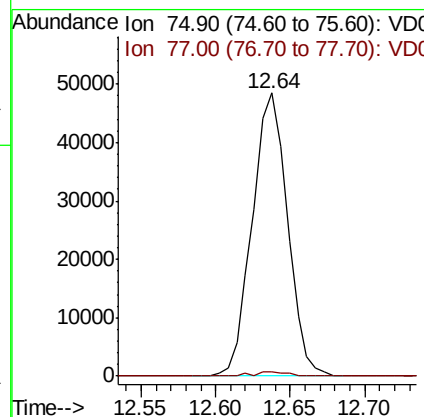
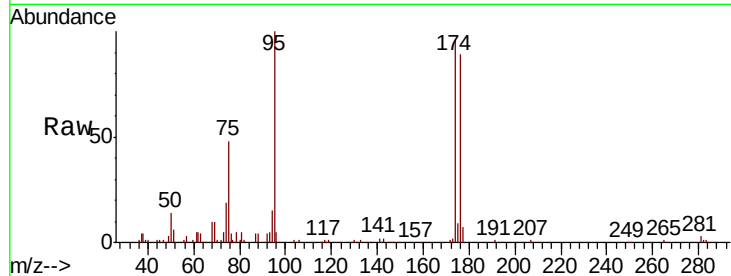




#76
 1,2,3-Trichloropropane
 Concen: 60.838 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 79179
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.246 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064115.D
 Acq: 30 Oct 2019 16:32

Tgt Ion: 75 Resp: 79179
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.1 36.9 55.3#

