

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064299.D
 Acq On : 19 Nov 2019 19:44
 Operator : VA/SY
 Sample : K5927-09
 Misc : 7.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:28:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	927337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1341253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1171780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	568030	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	373856	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	7.92	113	399983	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
50) Toluene-d8	10.34	98	1559444	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.64	95	502402	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

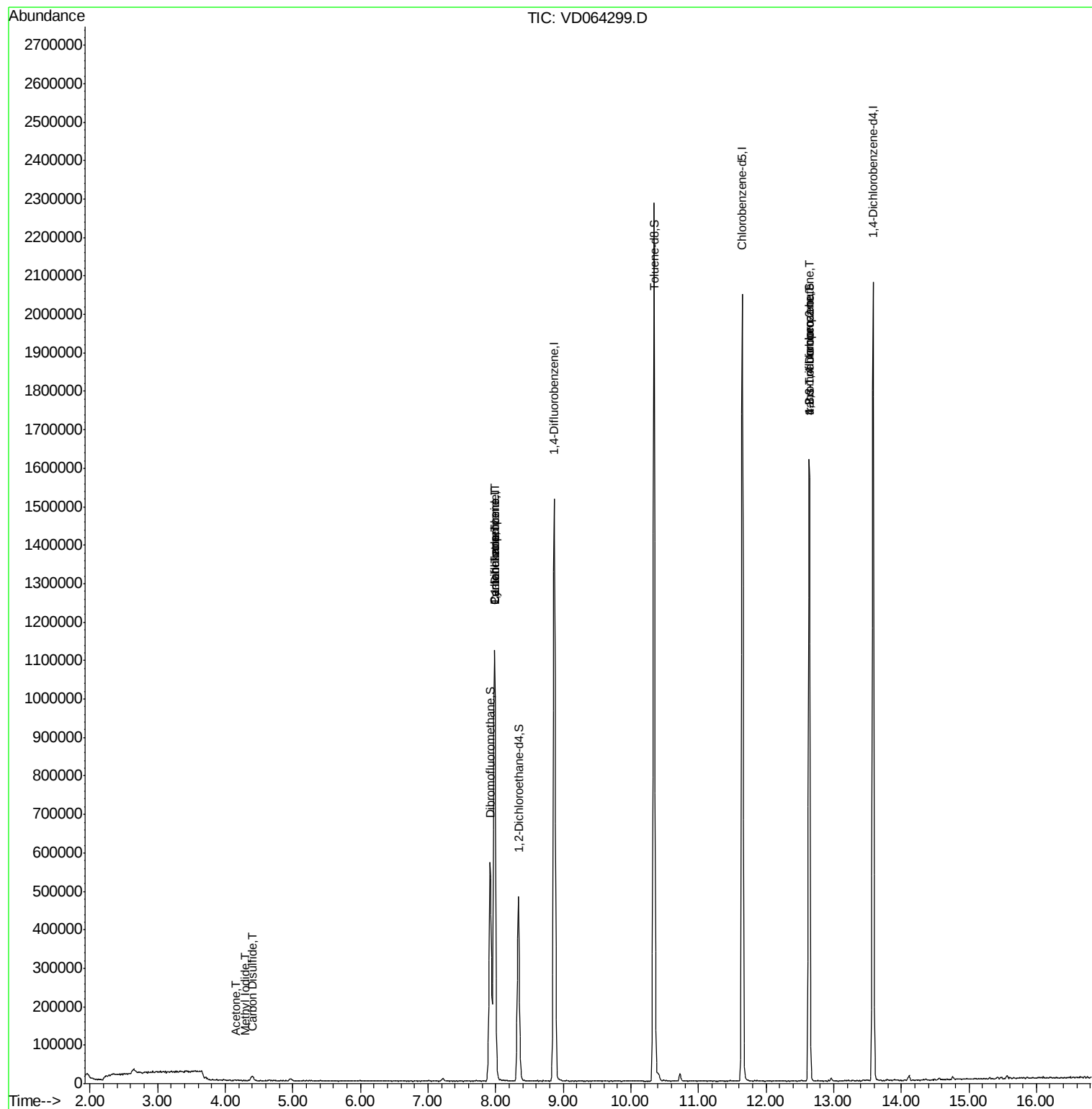
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	61	2.038	ug/l #	32
16) Acetone	4.16	43	1841	1.019	ug/l #	88
17) Carbon Disulfide	4.40	76	25540	1.052	ug/l	100
31) Cyclohexane	7.98	56	17064	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	61933	5.003	ug/l #	49
38) Carbon Tetrachloride	7.98	117	83275	6.287	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	261367	57.126	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	261367	113.474	ug/l #	10

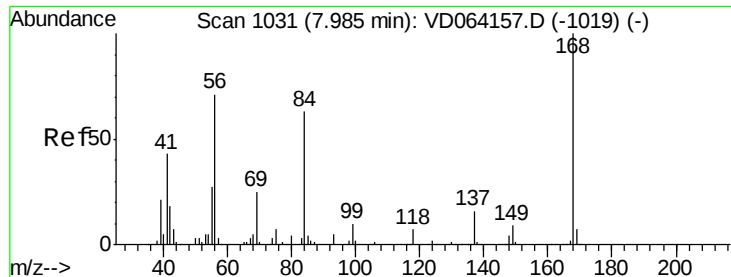
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 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: VD064299.D

Acq: 19 Nov 2019 19:44

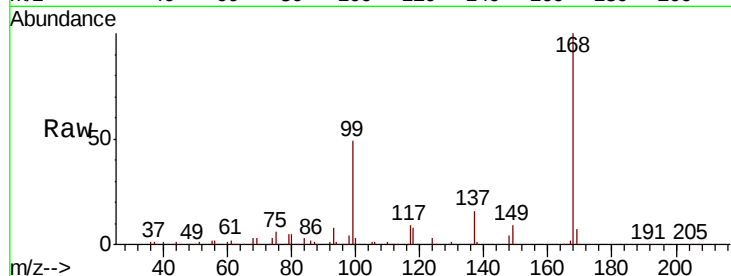
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 927337

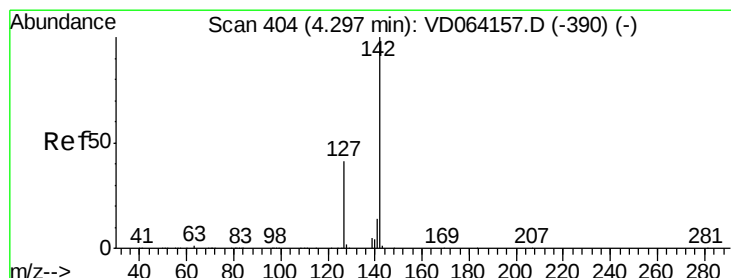
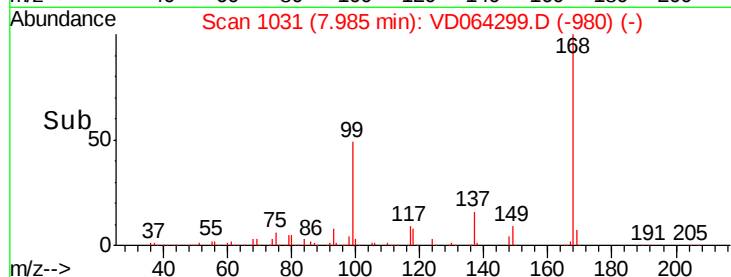
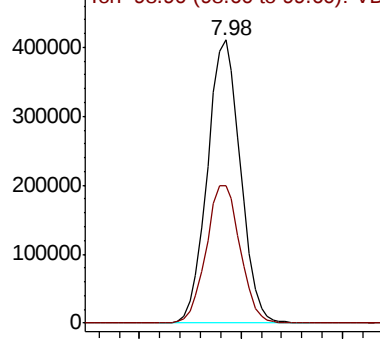
Ion Ratio Lower Upper

168 100

99 48.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.038 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

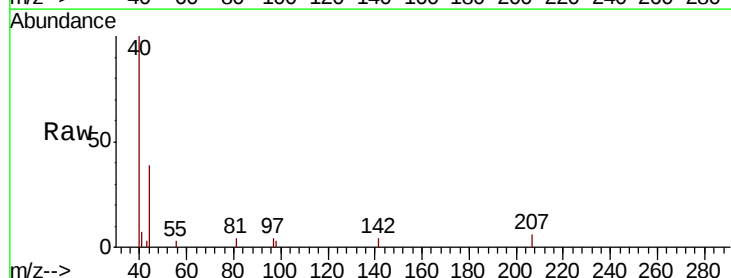
Tgt Ion:142 Resp: 61

Ion Ratio Lower Upper

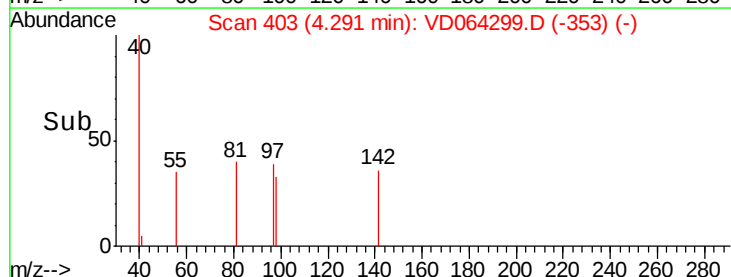
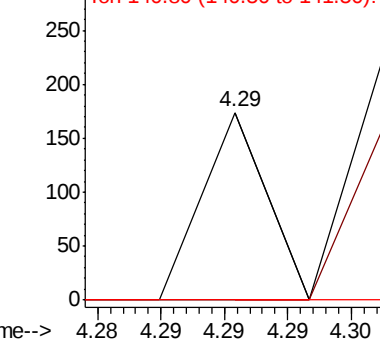
142 100

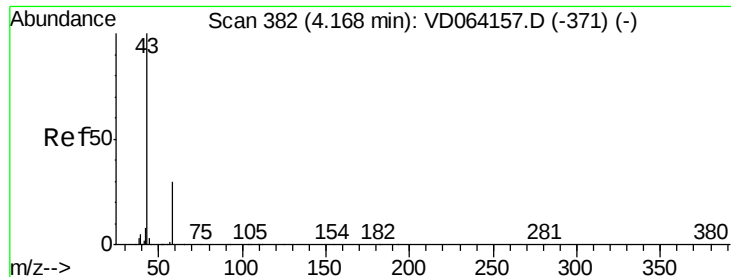
127 93.4 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 1.019 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

Instrument :

MSVOA_D

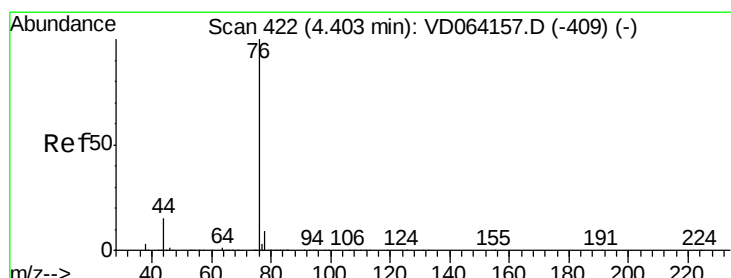
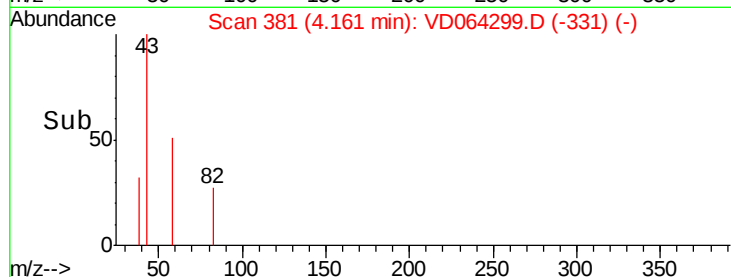
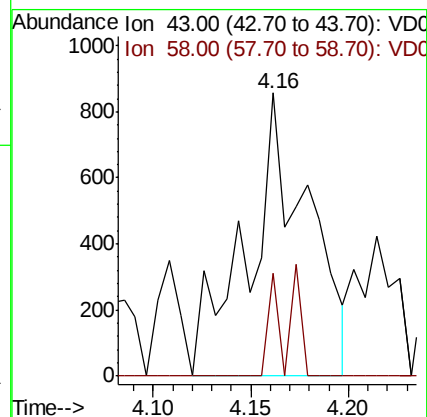
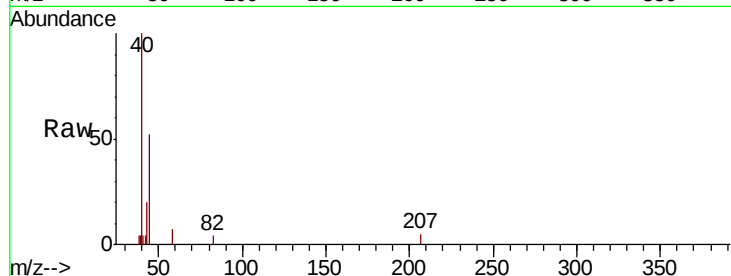
ClientSampled :

Tot Ion: 43 Resp: 1841

Ion Ratio Lower Upper

43 100

58 36.5 24.1 36.1#



#17

Carbon Disulfide

Concen: 1.052 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064299.D

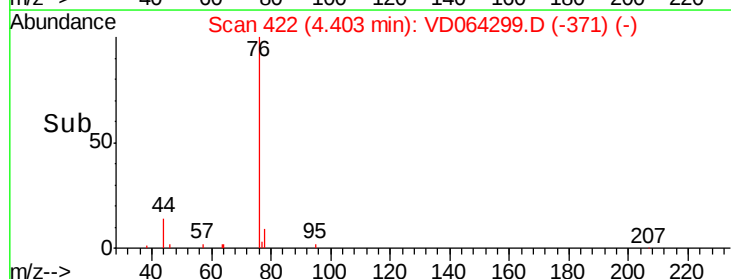
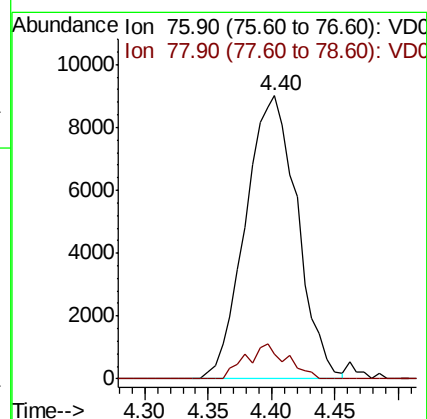
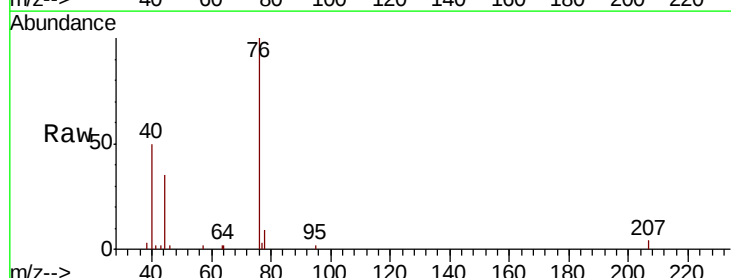
Acq: 19 Nov 2019 19:44

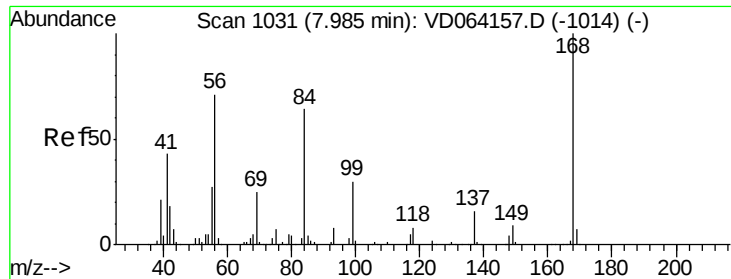
Tgt Ion: 76 Resp: 25540

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

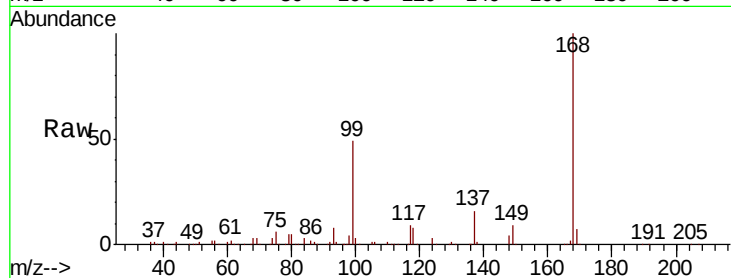




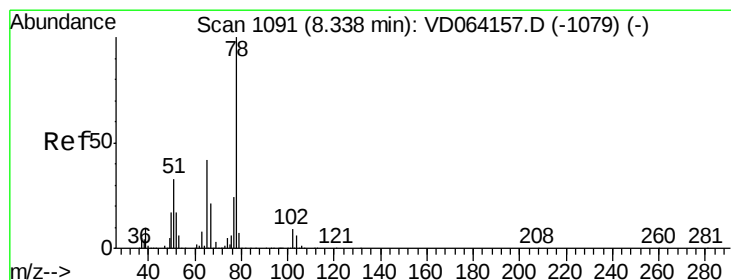
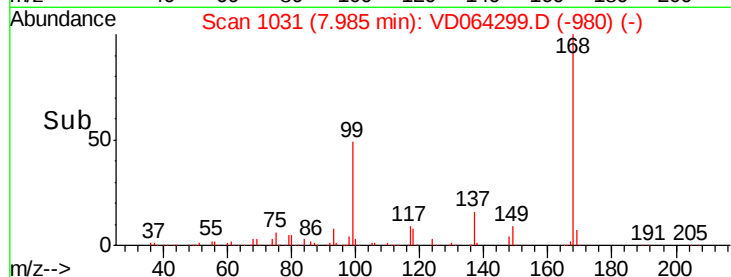
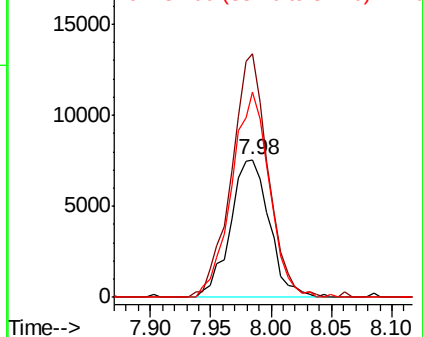
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 17064
Ion Ratio Lower Upper
56 100
69 176.6 28.2 42.4#
84 149.2 71.8 107.6#

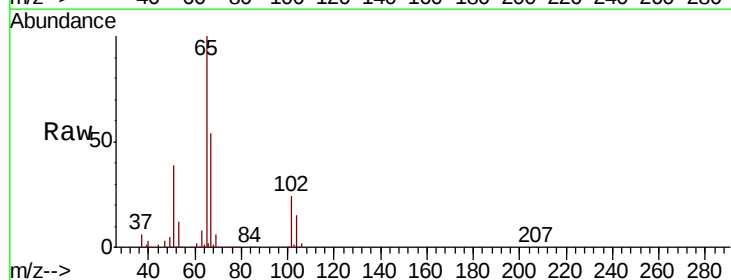


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

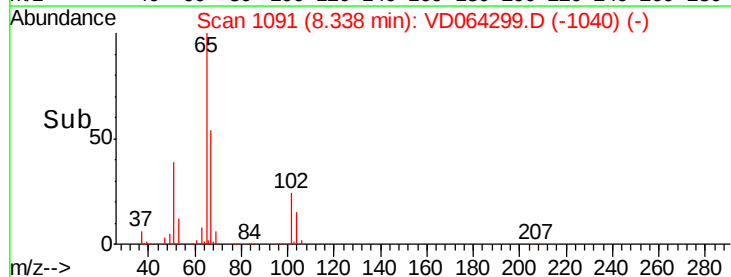
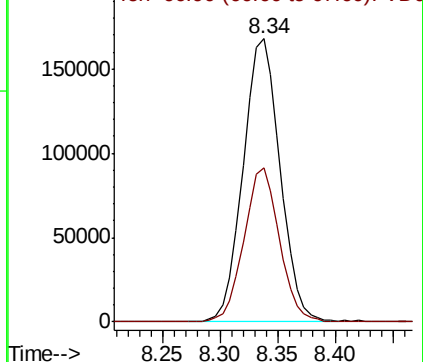


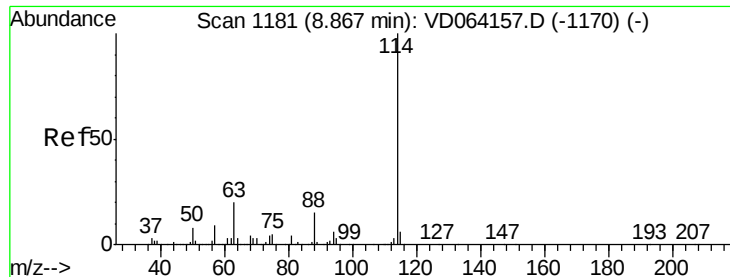
#33
1,2-Dichloroethane-d4
Concen: 49.019 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Tgt Ion: 65 Resp: 373856
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4



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

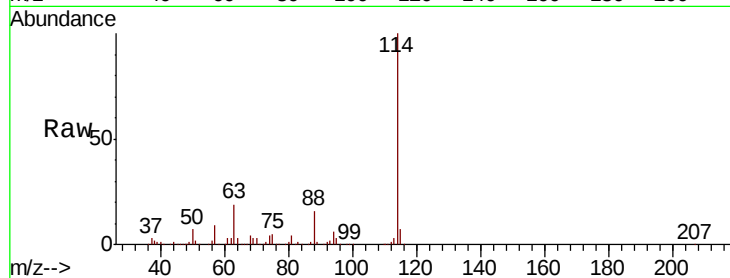




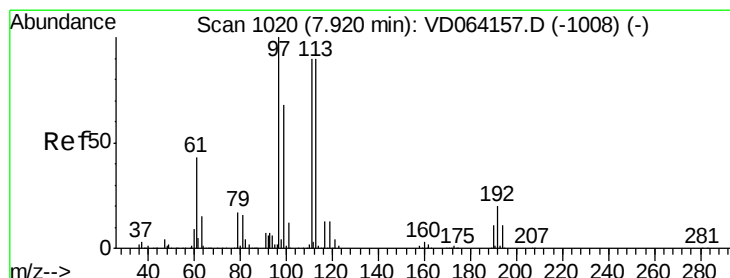
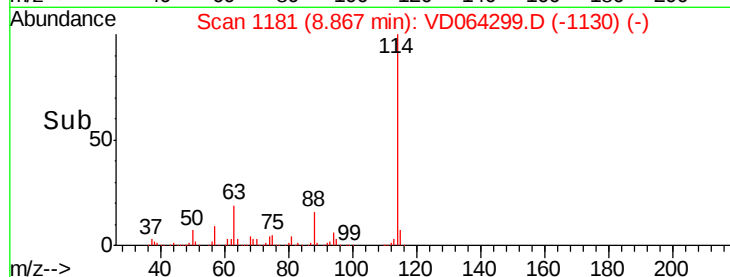
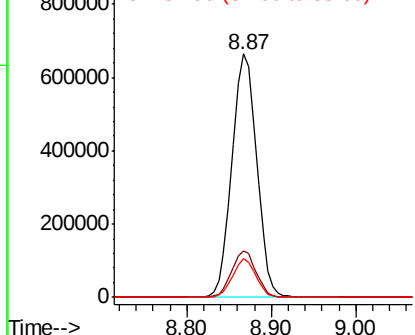
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1341253
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.7 0.0 30.2

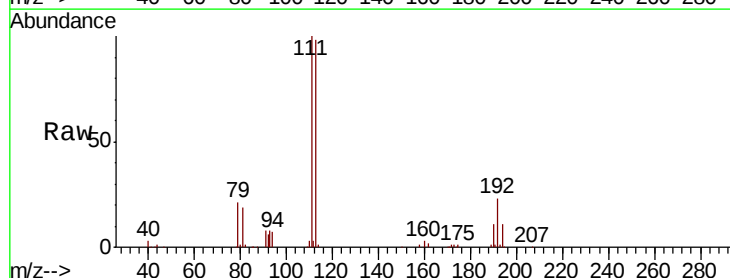


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

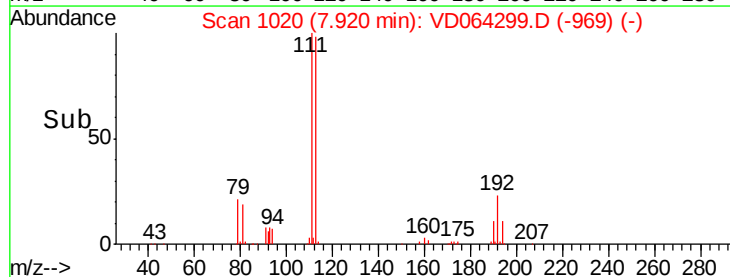
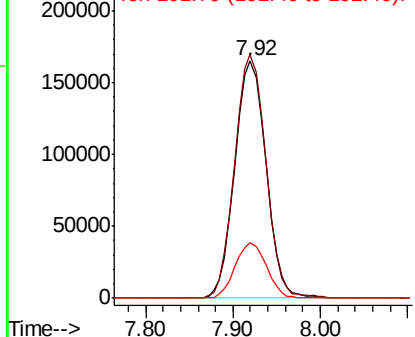


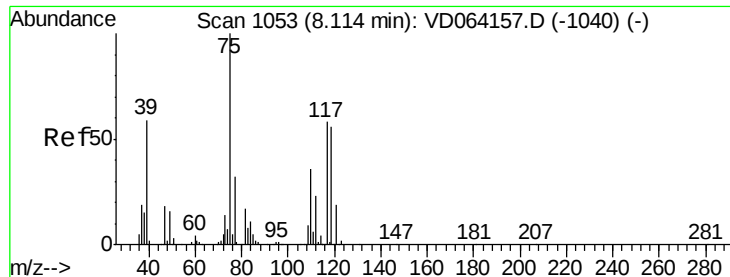
#35
Dibromofluoromethane
Concen: 51.953 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Tgt Ion:113 Resp: 399983
Ion Ratio Lower Upper
113 100
111 102.5 81.5 122.3
192 23.3 18.8 28.2



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

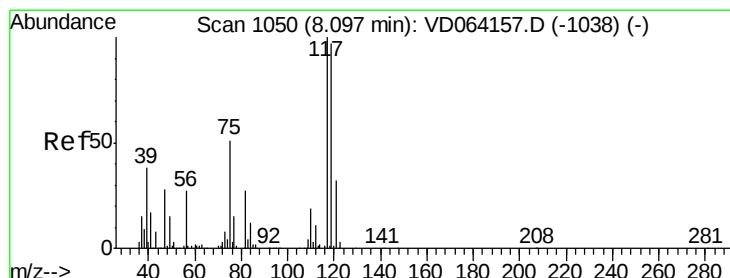
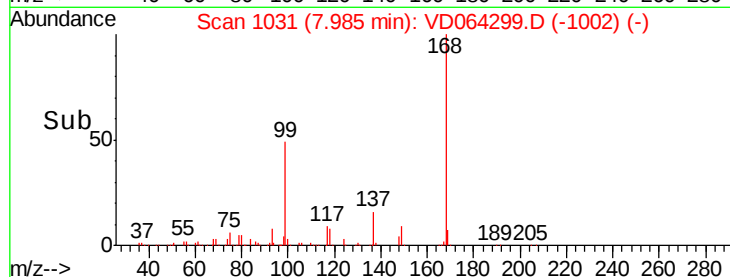
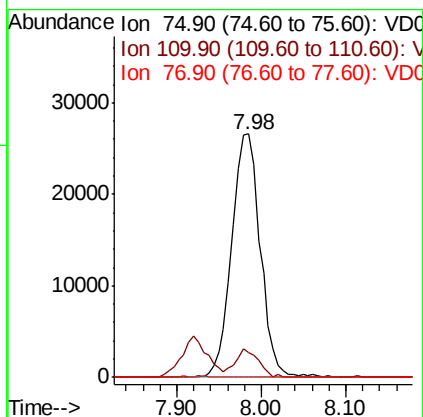
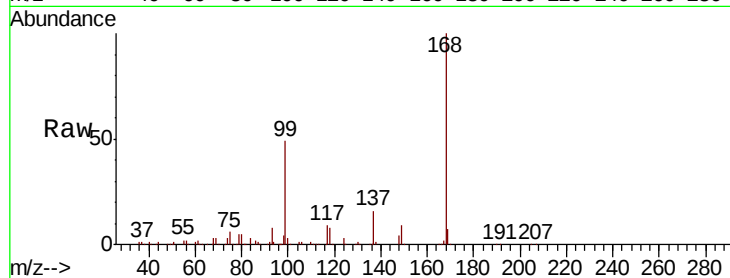




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064299.D
 Acq: 19 Nov 2019 19:44

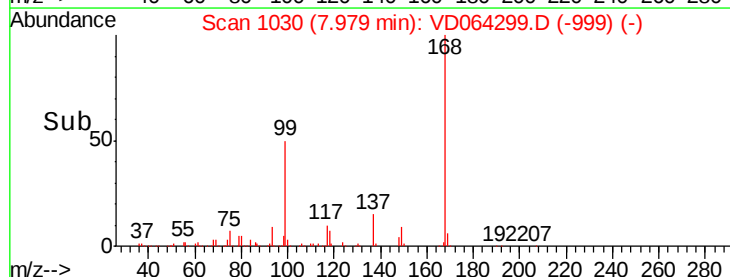
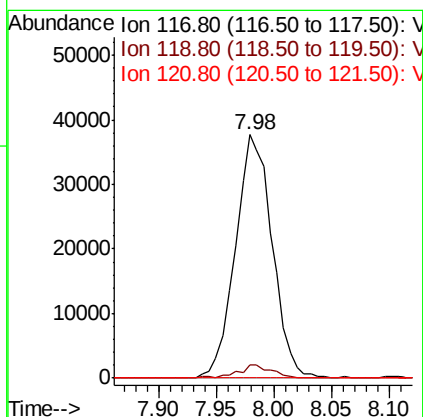
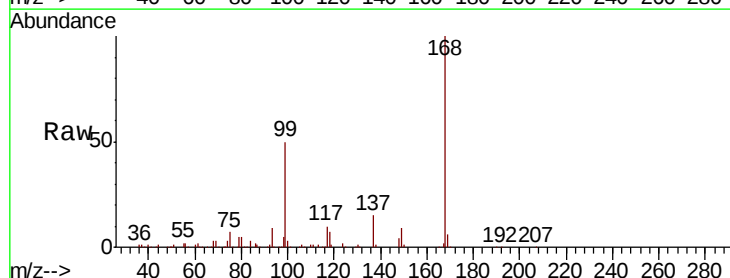
Instrument :
 MSVOA_D
 ClientSampleId :

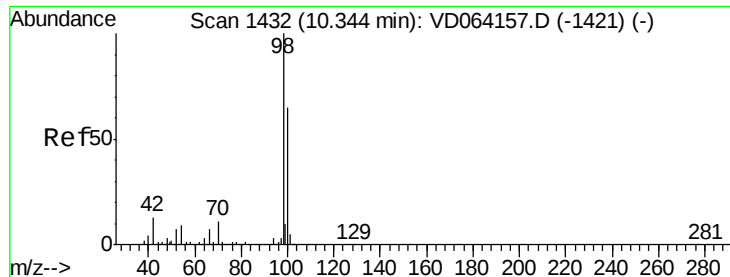
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.9#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.287 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064299.D
 Acq: 19 Nov 2019 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.2	115.8#
121	0.0	25.5	38.3#

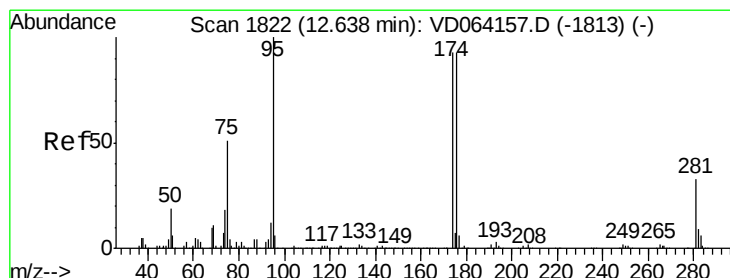
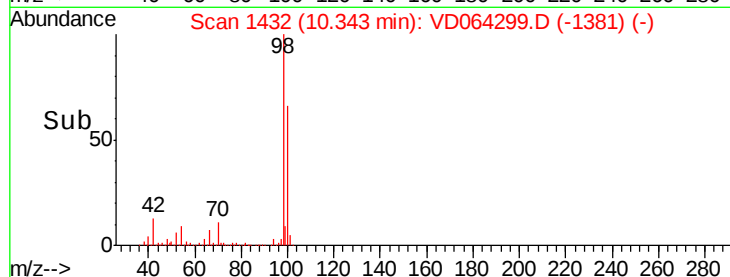
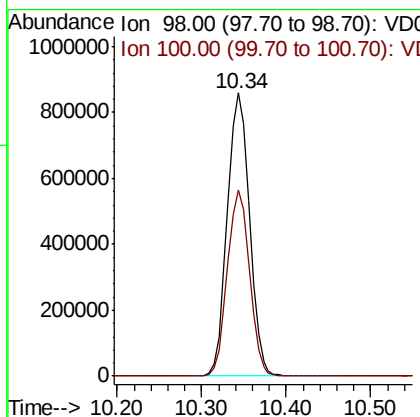
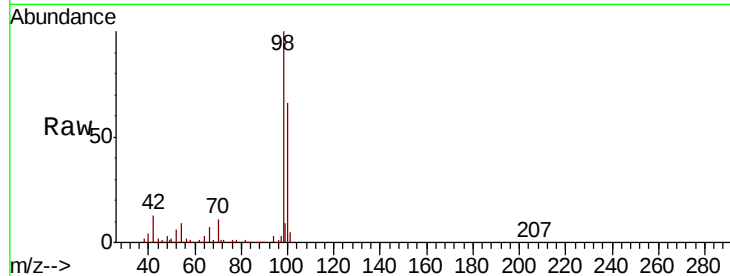




#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

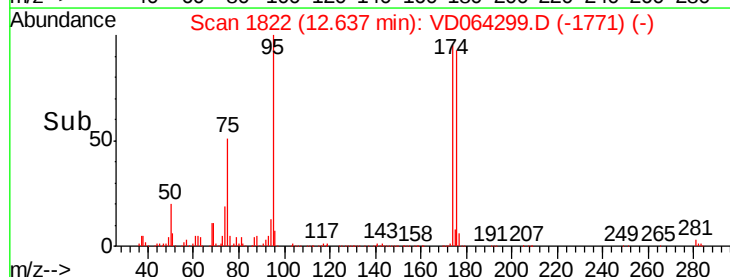
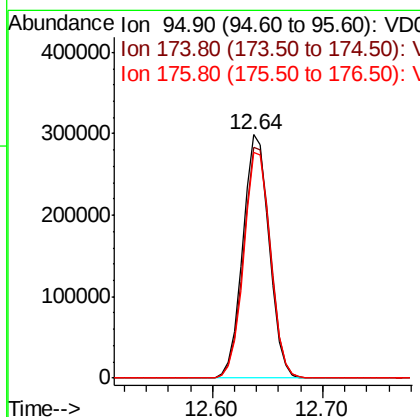
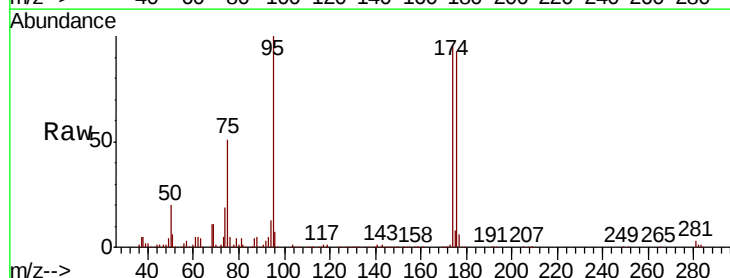
Instrument :
MSVOA_D
ClientSampleId :

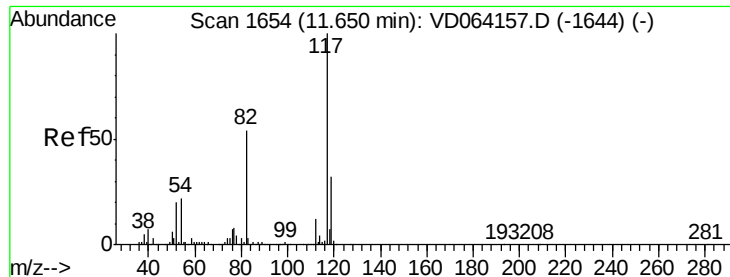
Tot Ion: 98 Resp: 1559444
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Tgt Ion: 95 Resp: 502402
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.6
176 94.0 0.0 180.2

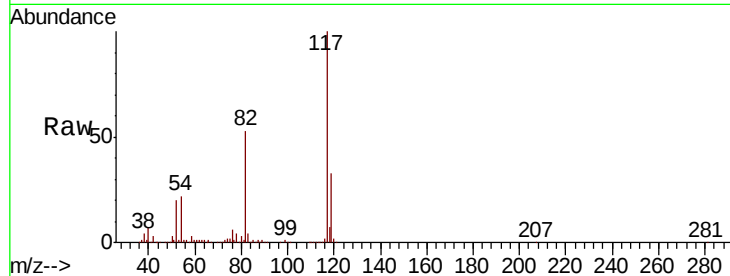




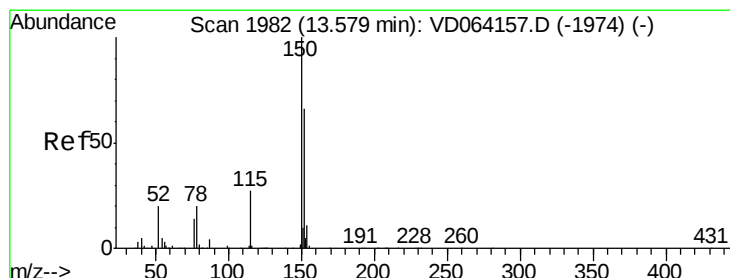
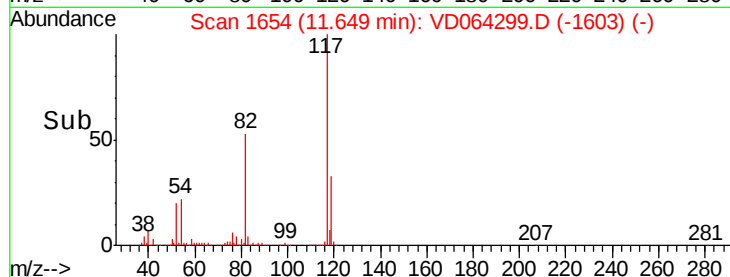
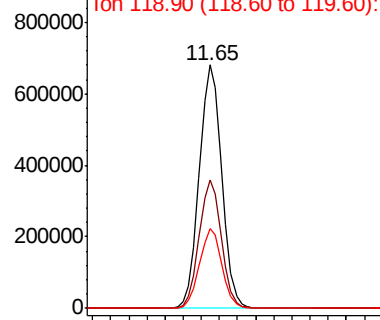
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1171780
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.9 25.6 38.4

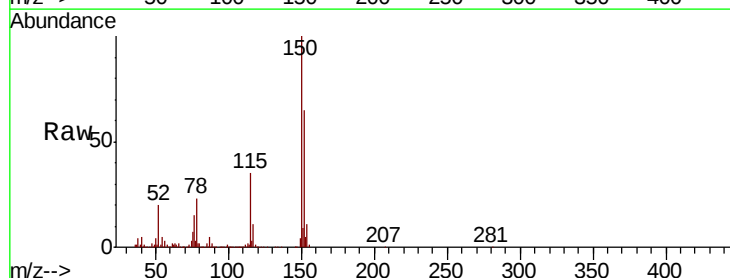


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

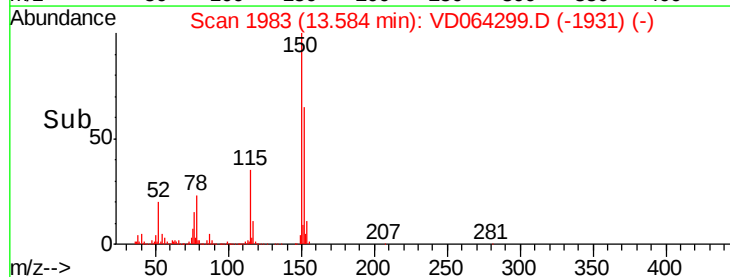
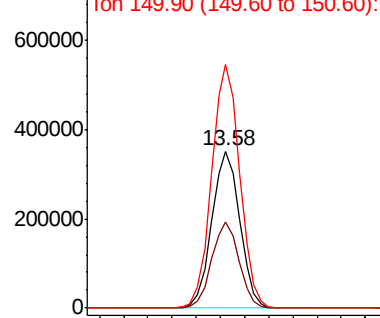


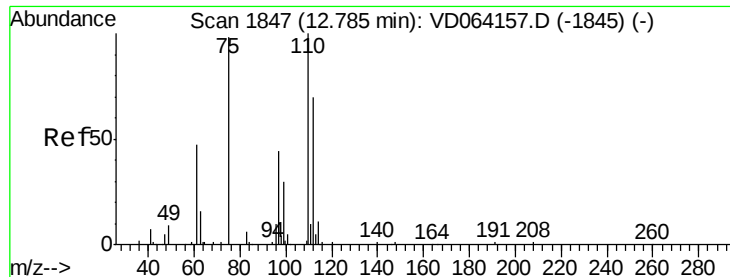
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064299.D
Acq: 19 Nov 2019 19:44

Tgt Ion:152 Resp: 568030
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 155.8 0.0 351.6



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: 57.126 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

Instrument :

MSVOA_D

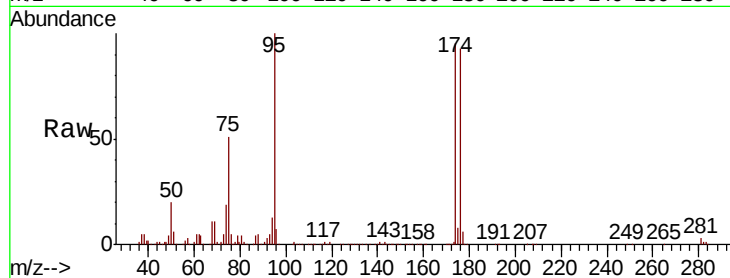
ClientSampleId :

Tot Ion: 75 Resp: 261367

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

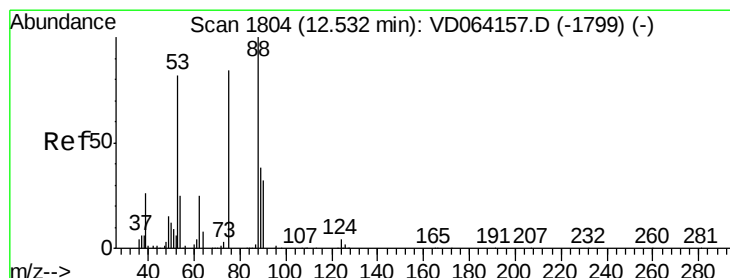
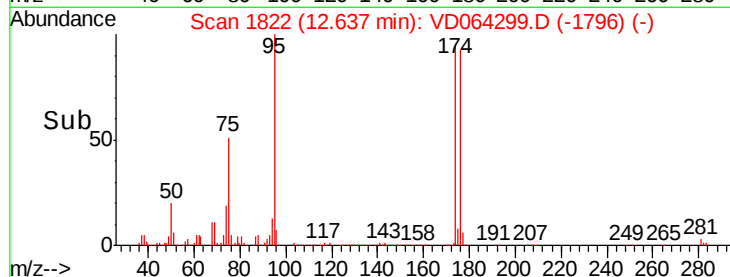
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 113.474 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064299.D

Acq: 19 Nov 2019 19:44

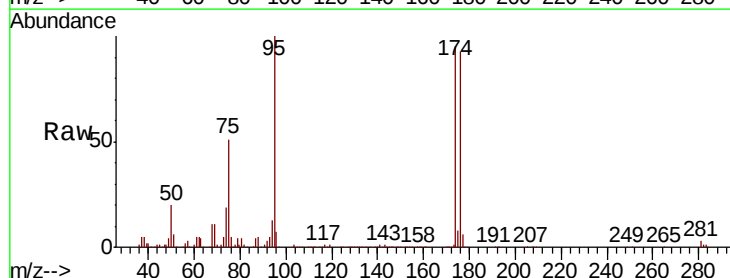
Tgt Ion: 75 Resp: 261367

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

12.64

200000

150000

100000

50000

0

Time-->

