

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064290.D
 Acq On : 19 Nov 2019 15:24
 Operator : VA/SY
 Sample : K5925-01
 Misc : 7.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:27:00 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	948855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1384993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1212818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	586881	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	406794	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	7.92	113	417238	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	10.34	98	1607838	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	524309	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	

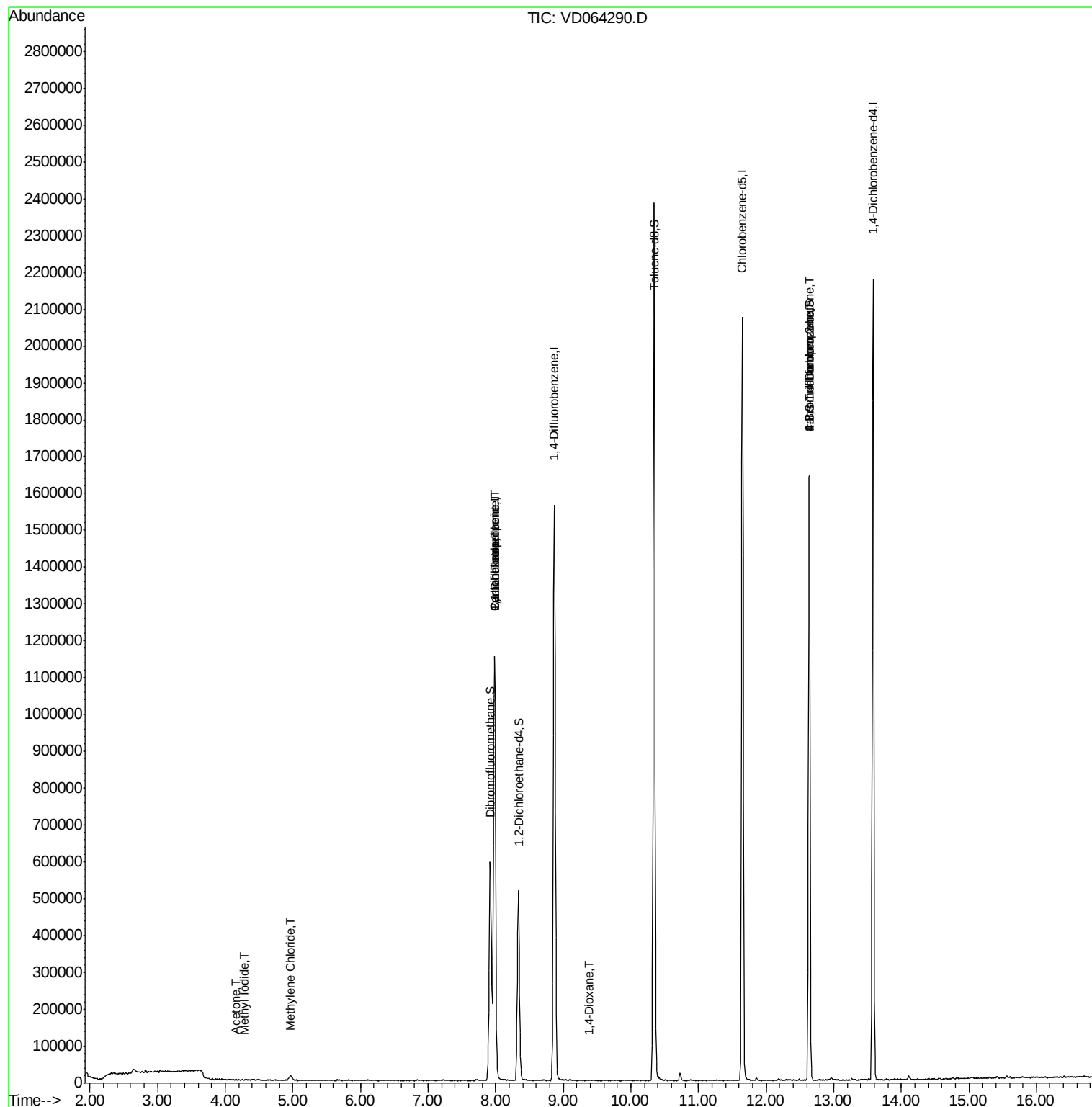
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	58	2.037	ug/l #	41
16) Acetone	4.17	43	2495	1.350	ug/l	90
20) Methylene Chloride	4.97	84	10054	1.077	ug/l	89
31) Cyclohexane	7.98	56	18386	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	62752	4.909	ug/l #	51
38) Carbon Tetrachloride	7.98	117	85920	6.282	ug/l #	15
49) 1,4-Dioxane	9.39	88	56	1.024	ug/l #	22
76) 1,2,3-Trichloropropane	12.64	75	269268	56.962	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	269268	113.149	ug/l #	10

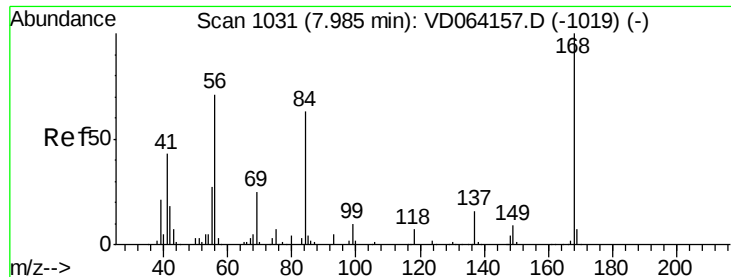
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
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Quant Time: Nov 20 03:27:00 2019
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: VD064290.D

Acq: 19 Nov 2019 15:24

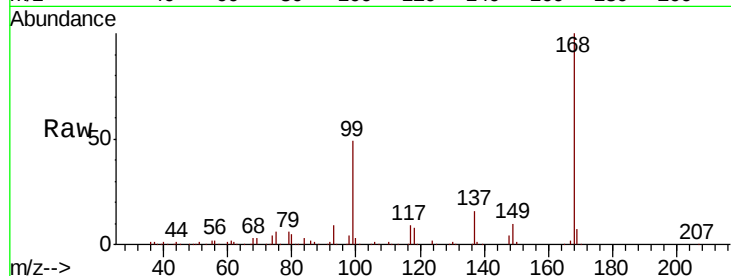
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 948855

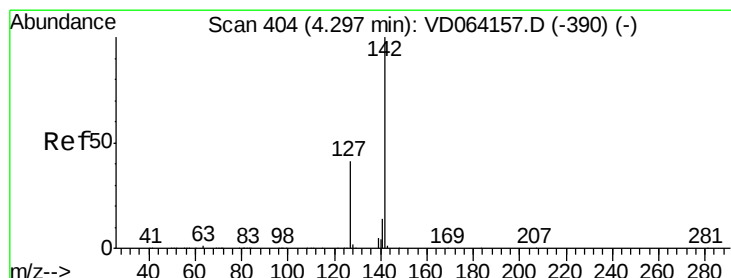
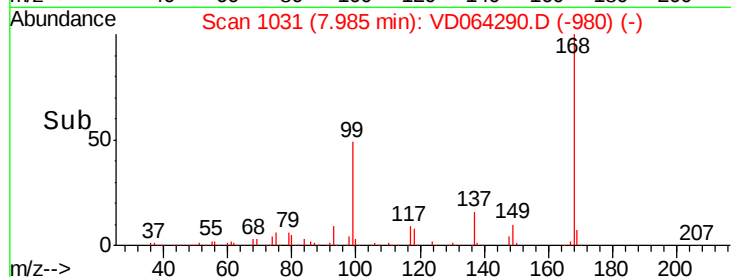
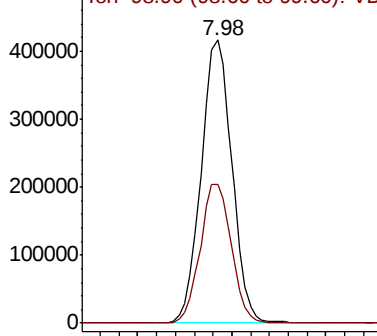
Ion Ratio Lower Upper

168 100

99 49.2 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: 2.037 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

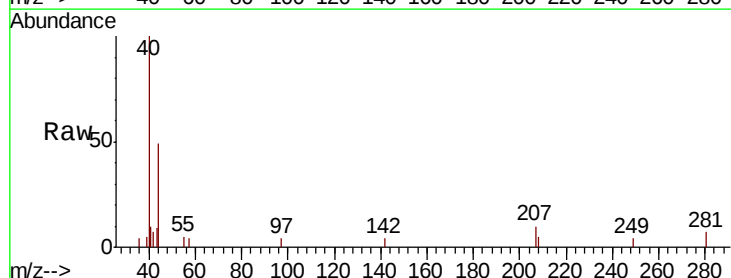
Tgt Ion:142 Resp: 58

Ion Ratio Lower Upper

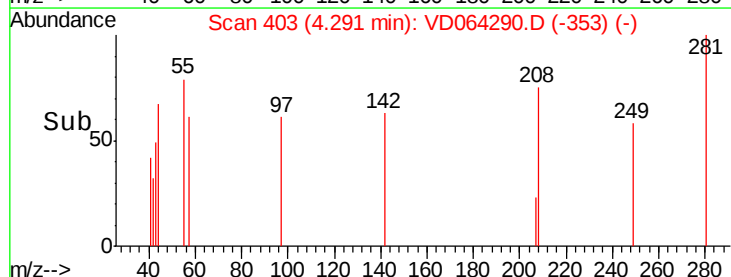
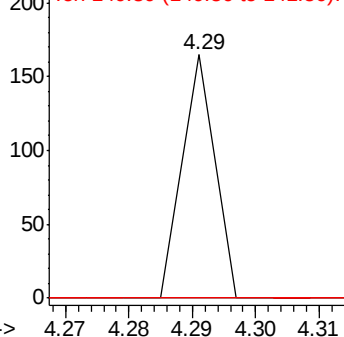
142 100

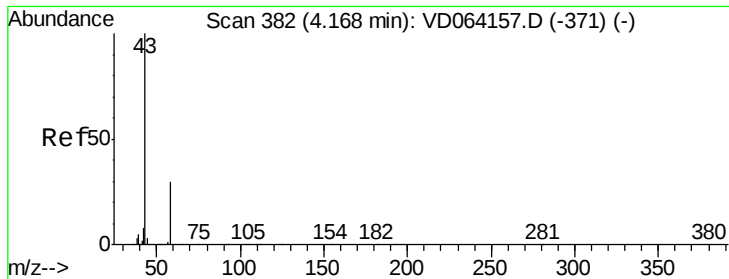
127 0.0 34.4 51.6#

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

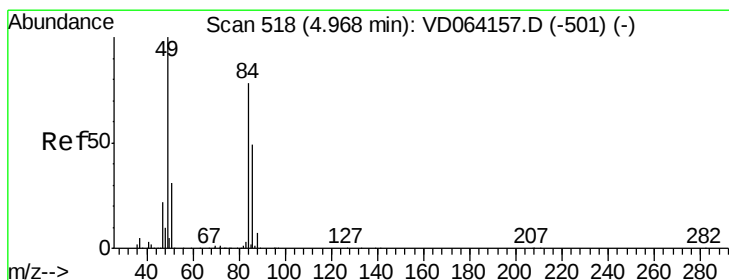
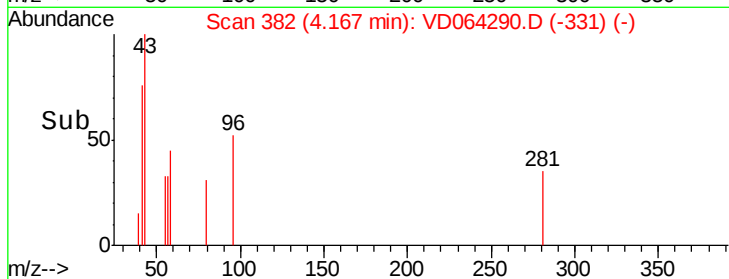
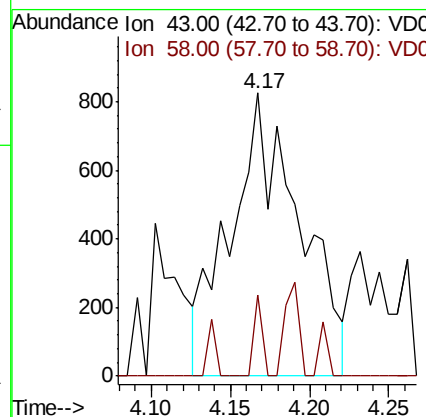
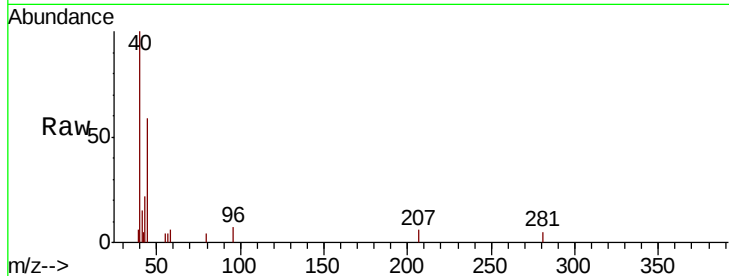




#16
Acetone
Concen: 1.350 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

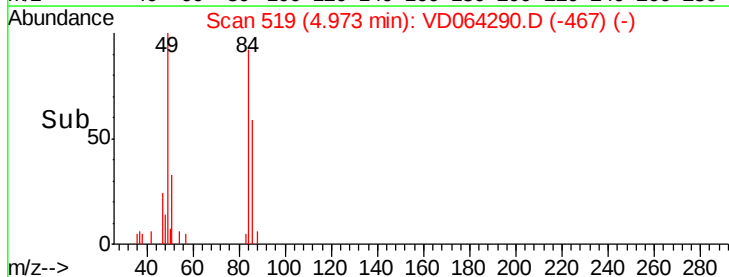
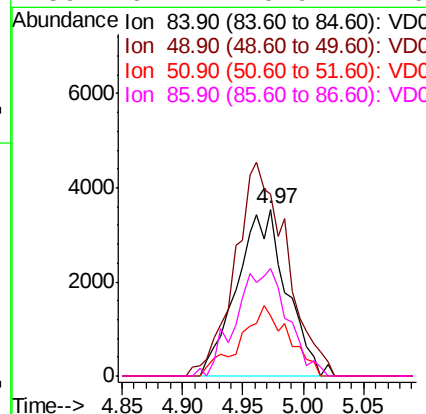
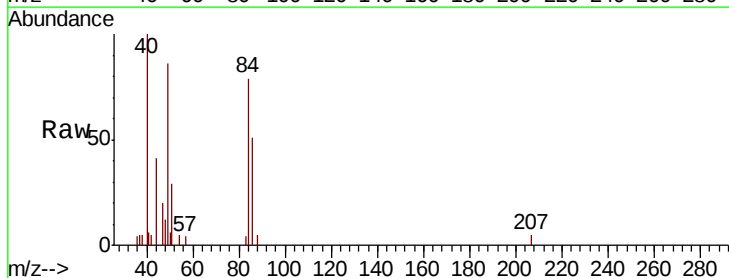
Instrument :
MSVOA_D
ClientSampled :

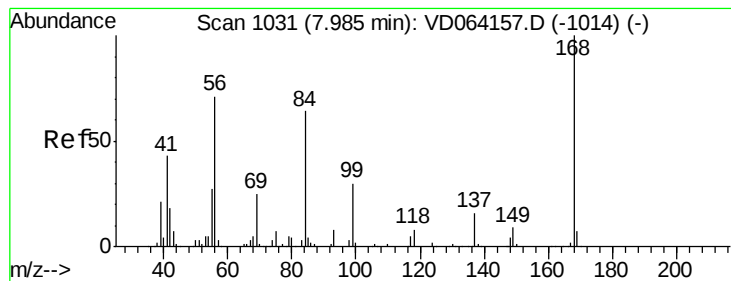
Tot Ion: 43 Resp: 2495
Ion Ratio Lower Upper
43 100
58 35.3 24.1 36.1



#20
Methylene Chloride
Concen: 1.077 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

Tgt Ion: 84 Resp: 10054
Ion Ratio Lower Upper
84 100
49 109.1 102.1 153.1
51 36.2 32.2 48.2
86 64.4 49.9 74.9





#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

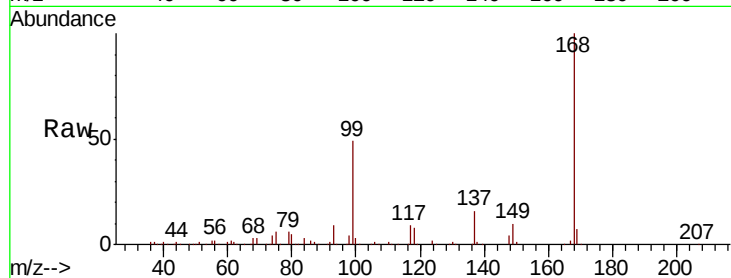
Tot Ion: 56 Resp: 18386

Ion Ratio Lower Upper

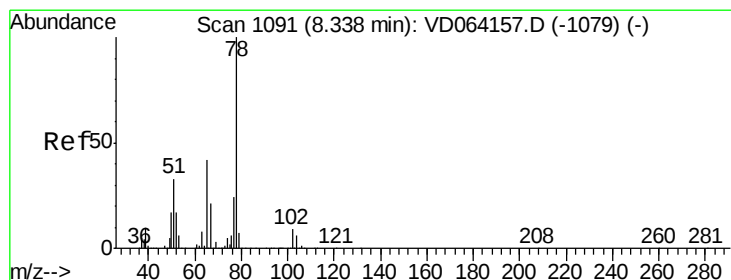
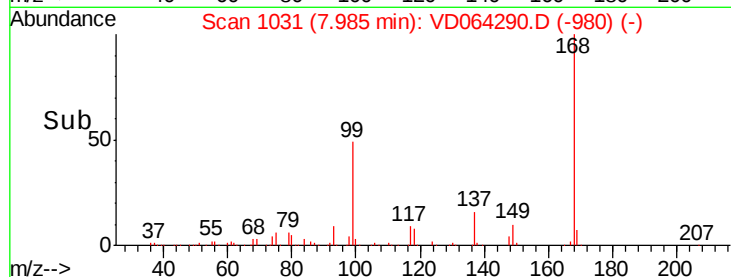
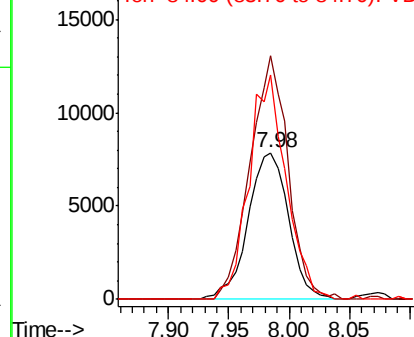
56 100

69 165.7 28.2 42.4#

84 152.5 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: 52.128 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064290.D

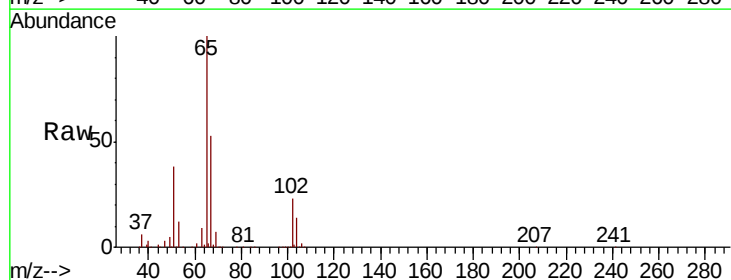
Acq: 19 Nov 2019 15:24

Tgt Ion: 65 Resp: 406794

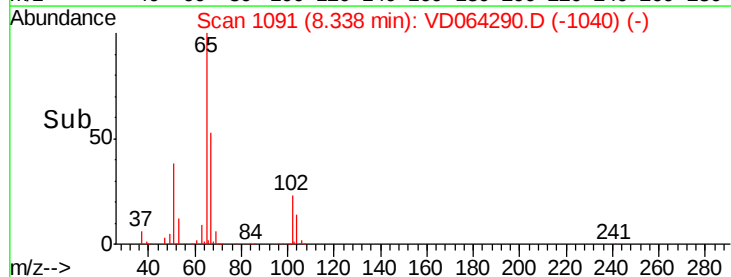
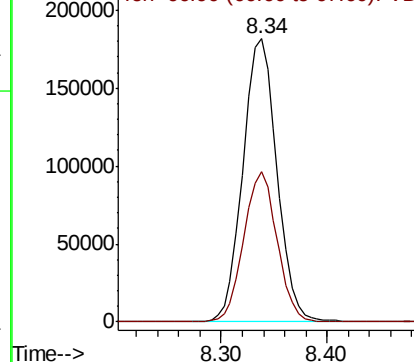
Ion Ratio Lower Upper

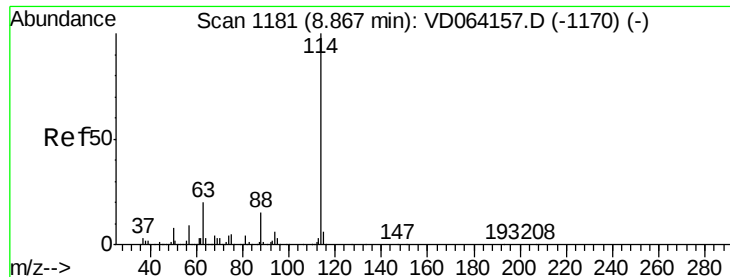
65 100

67 52.0 0.0 104.4



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

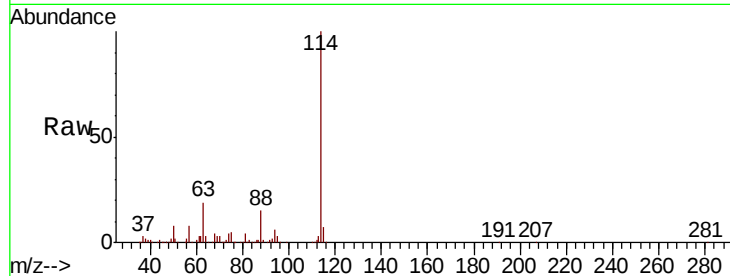




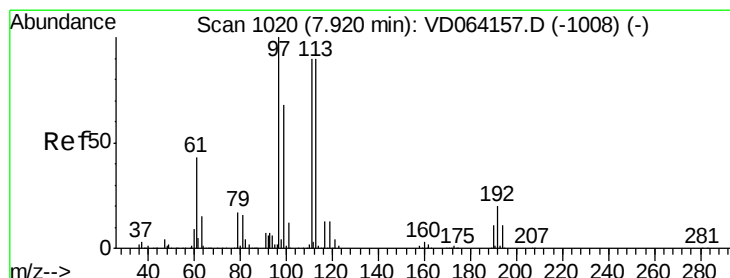
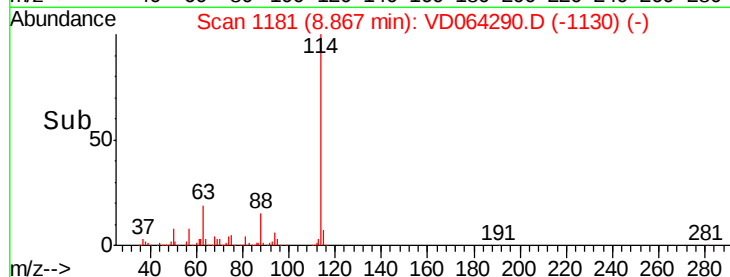
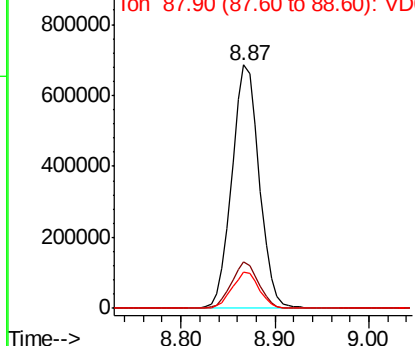
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1384993
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.9 0.0 30.2

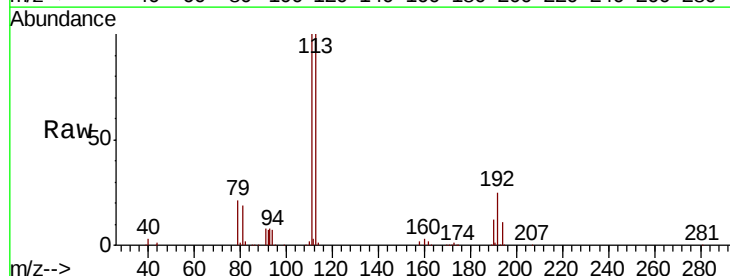


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

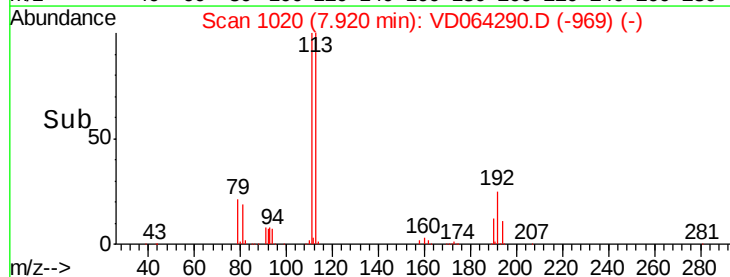
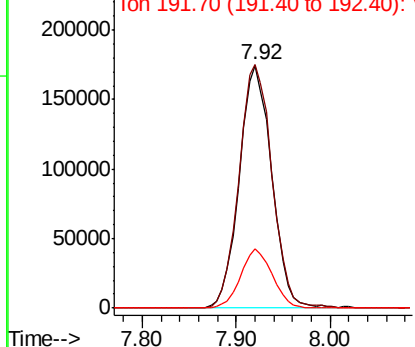


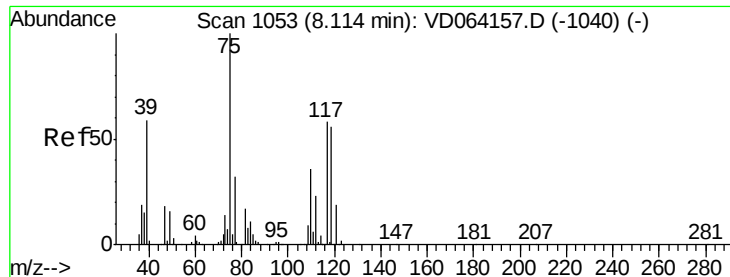
#35
Dibromofluoromethane
Concen: 52.482 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

Tgt Ion:113 Resp: 417238
Ion Ratio Lower Upper
113 100
111 102.2 81.5 122.3
192 23.7 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: 4.909 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :

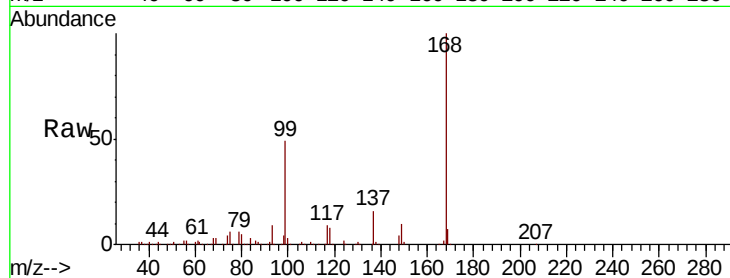
Tot Ion: 75 Resp: 62752

Ion Ratio Lower Upper

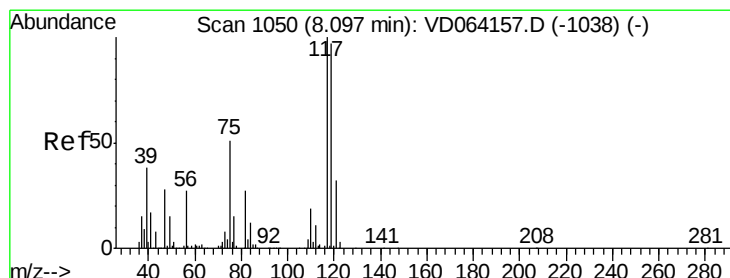
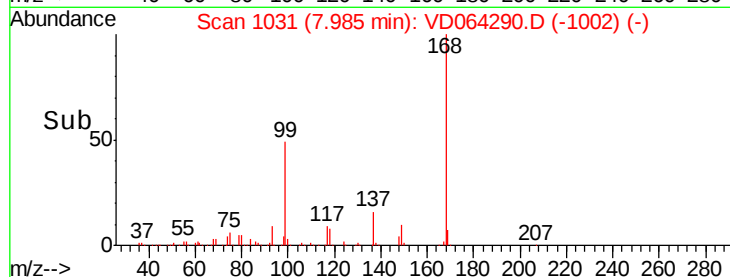
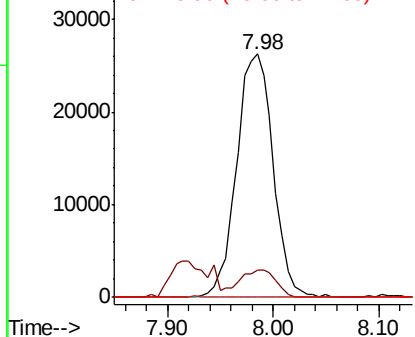
75 100

110 11.0 18.3 54.9#

77 0.0 25.0 37.6#



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: 6.282 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

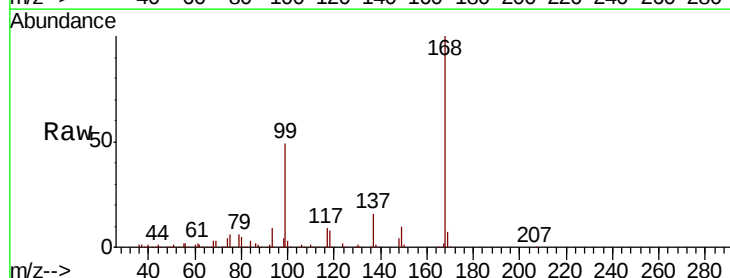
Tgt Ion: 117 Resp: 85920

Ion Ratio Lower Upper

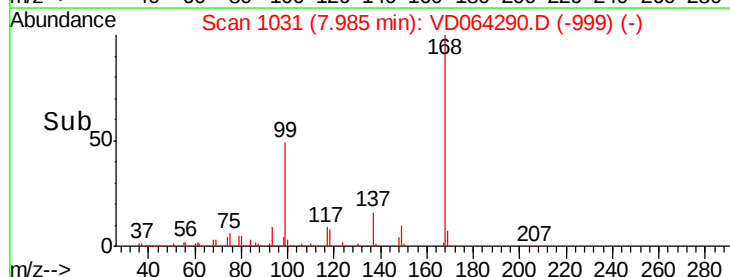
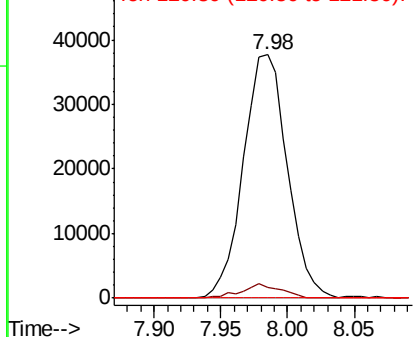
117 100

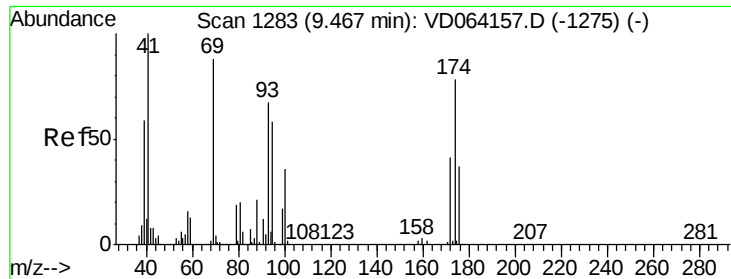
119 4.3 77.2 115.8#

121 0.0 25.5 38.3#



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

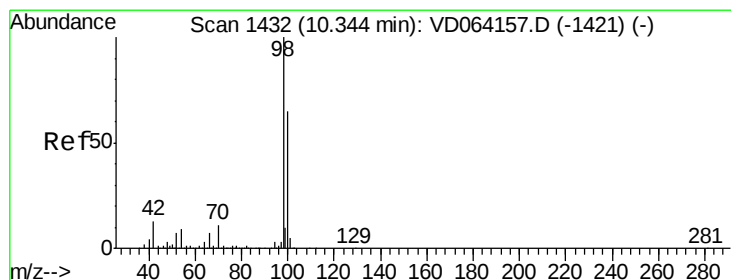
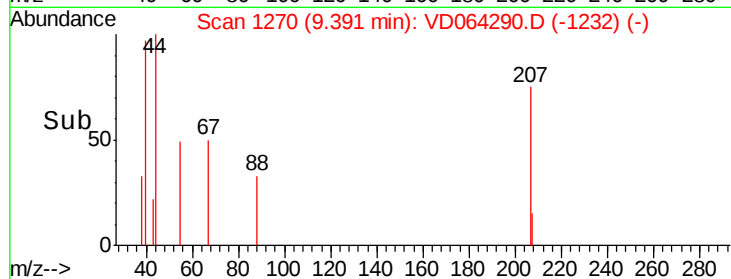
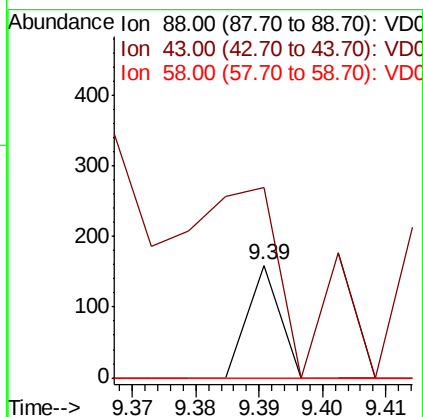
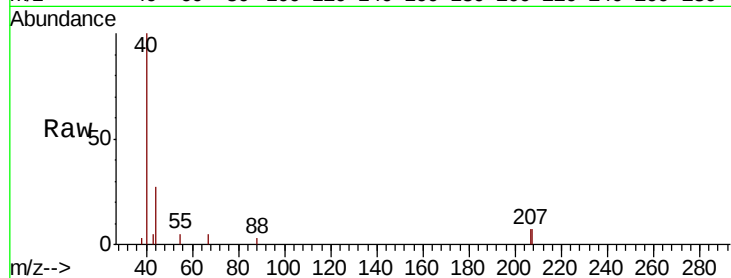




#49
1,4-Dioxane
Concen: 1.024 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.08 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

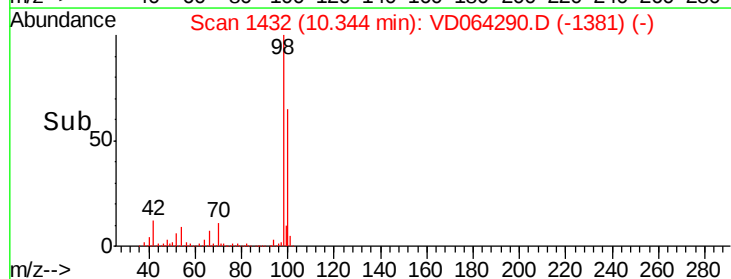
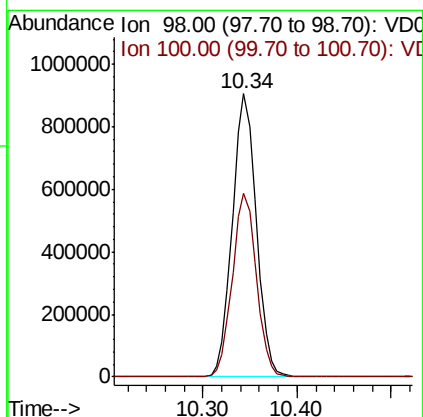
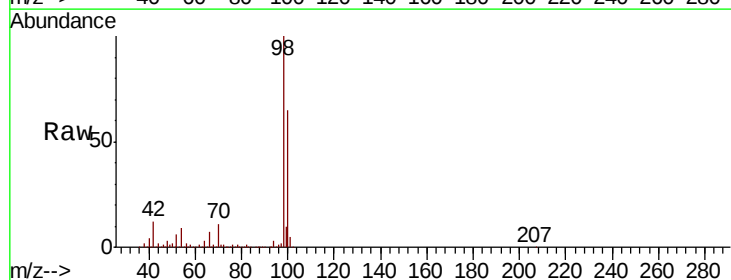
Instrument :
MSVOA_D
ClientSampleId :

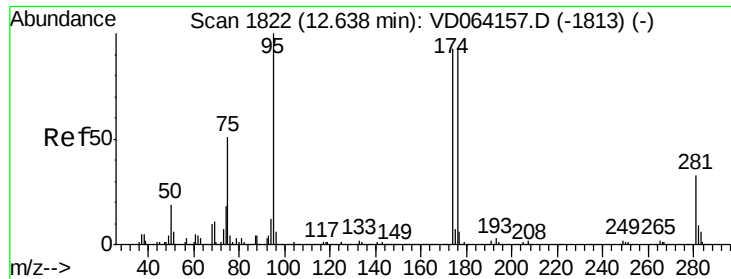
Tot Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.611 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

Tgt Ion: 98 Resp: 1607838
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

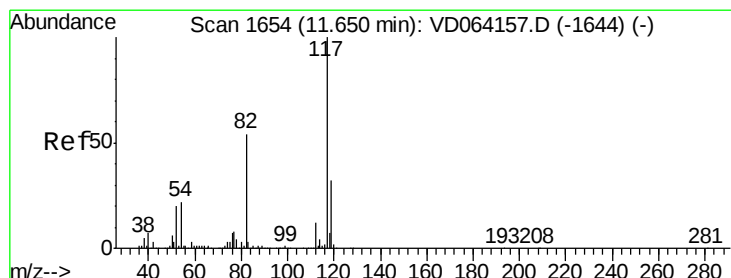
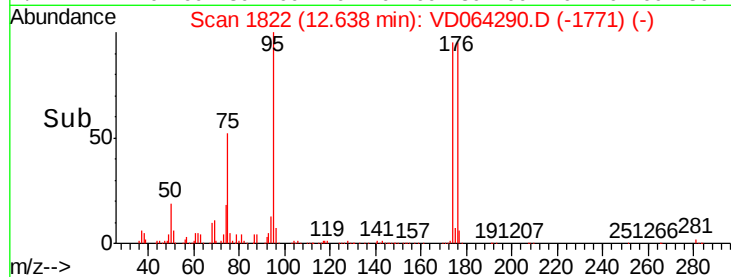
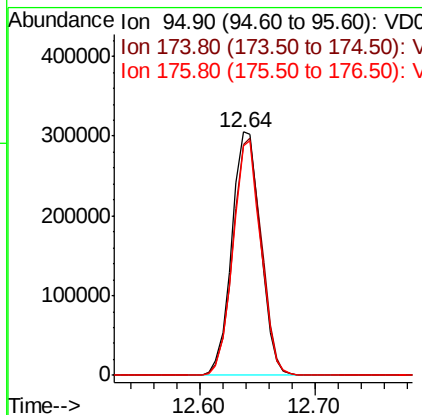
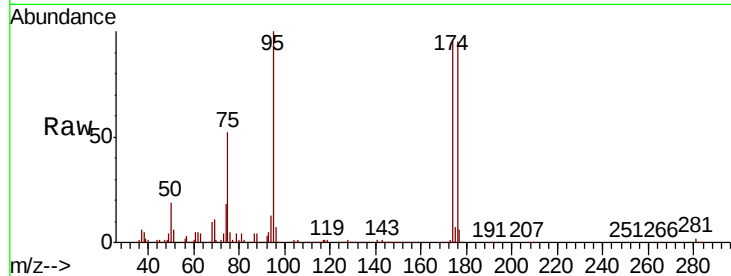




#62
4-Bromofluorobenzene
Concen: 50.482 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

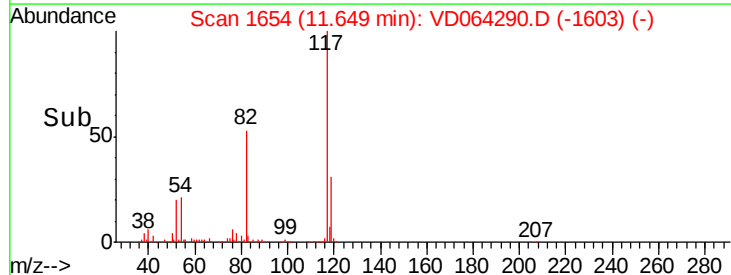
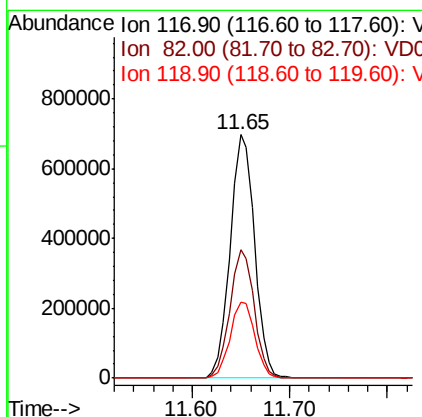
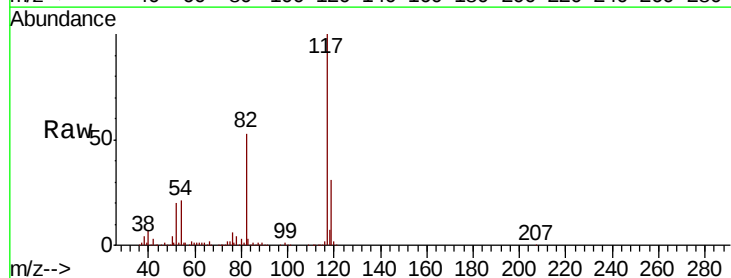
Instrument :
MSVOA_D
ClientSampleId :

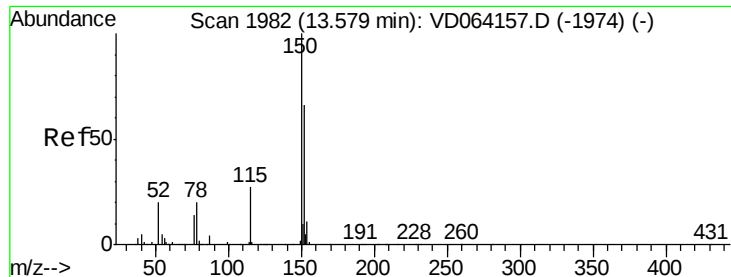
Tot Ion: 95 Resp: 524309
Ion Ratio Lower Upper
95 100
174 96.5 0.0 183.6
176 93.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064290.D
Acq: 19 Nov 2019 15:24

Tgt Ion: 117 Resp: 1212818
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 31.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

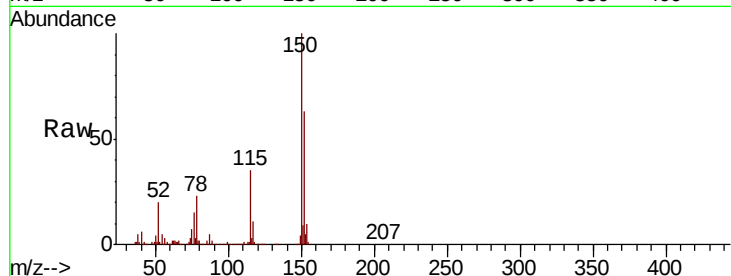
Tot Ion:152 Resp: 586881

Ion Ratio Lower Upper

152 100

115 54.9 27.4 82.2

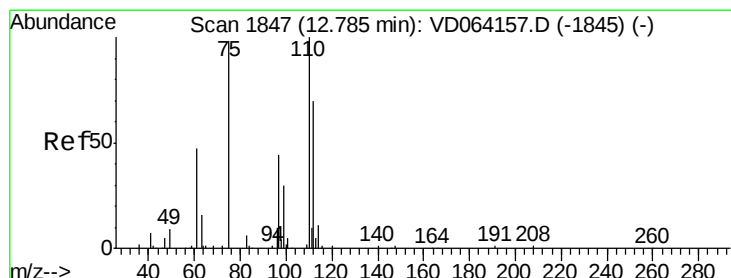
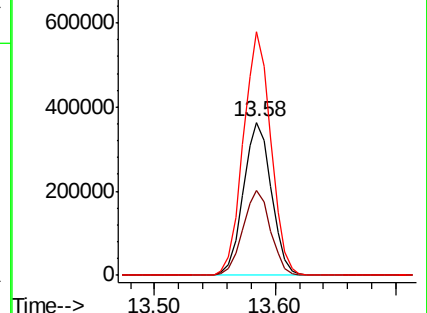
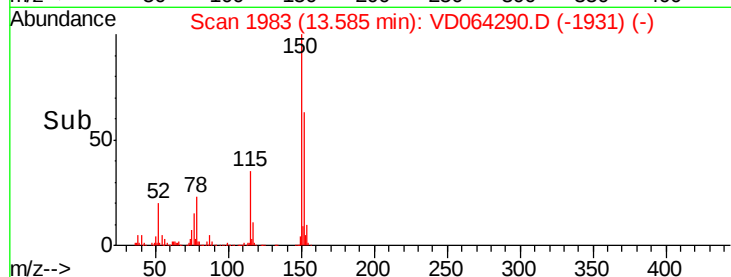
150 157.1 0.0 351.6



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: 56.962 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064290.D

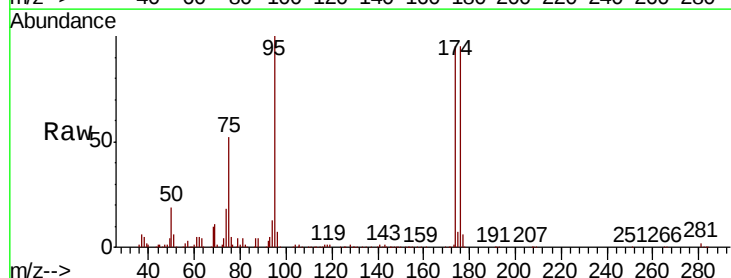
Acq: 19 Nov 2019 15:24

Tgt Ion: 75 Resp: 269268

Ion Ratio Lower Upper

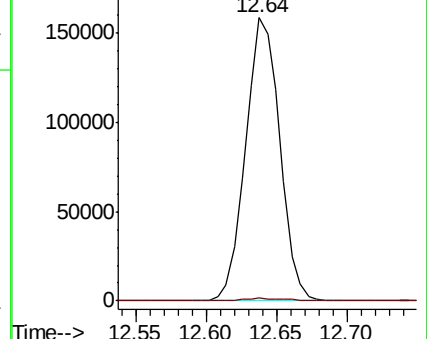
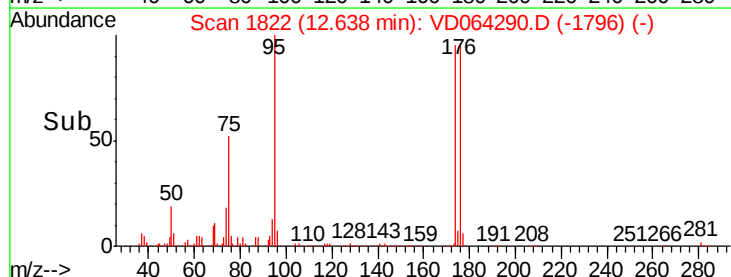
75 100

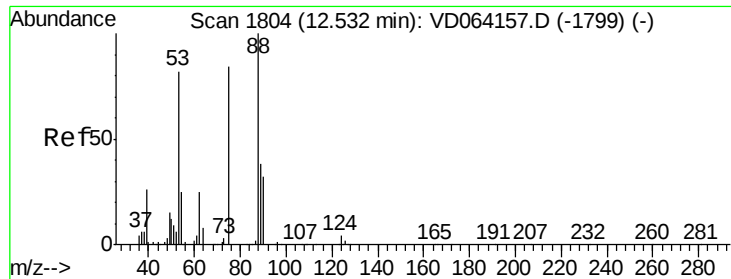
77 1.0 0.0 0.0#



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: 113.149 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064290.D

Acq: 19 Nov 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 269268

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

