

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064247.D
 Acq On : 16 Nov 2019 02:30
 Operator : VA/SY
 Sample : K5840-08
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:44:18 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	7.99	168	1001640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1423986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1213024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	575576	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	389861	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
35) Dibromofluoromethane	7.92	113	413895	50.64	ug/l	0.00
Spiked Amount						
			Recovery	=	101.28%	
50) Toluene-d8	10.34	98	1646650	53.40	ug/l	0.00
Spiked Amount						
			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.64	95	505190	47.31	ug/l	0.00
Spiked Amount						
			Recovery	=	94.62%	

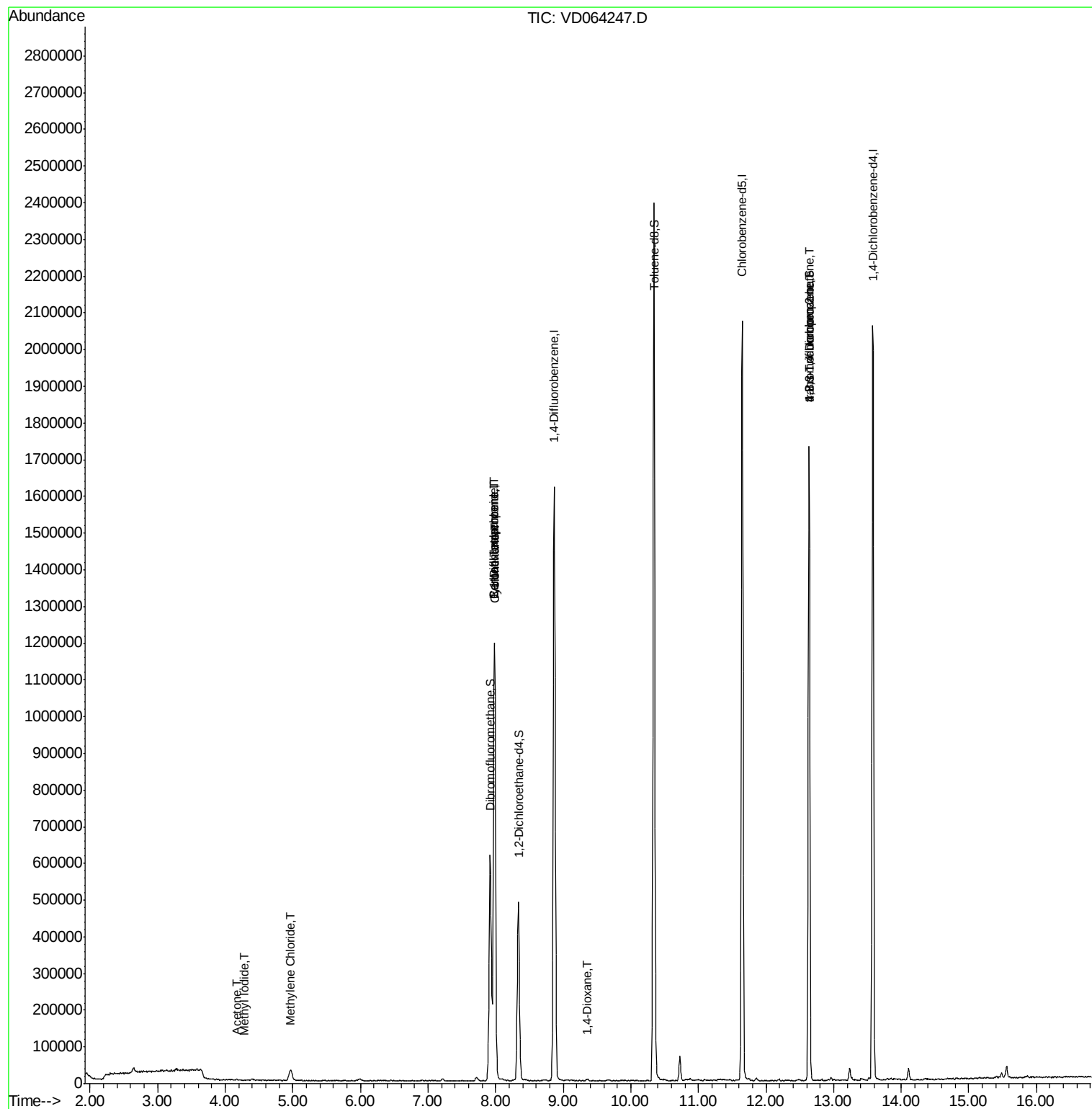
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	765	2.104	ug/l #	60
16) Acetone	4.16	43	1988	1.019	ug/l #	80
20) Methylene Chloride	4.96	84	22806	2.313	ug/l	88
31) Cyclohexane	7.99	56	19686	1.218	ug/l #	9
36) 1,1-Dichloropropene	7.98	75	67001	5.098	ug/l #	49
38) Carbon Tetrachloride	7.98	117	91270	6.490	ug/l #	15
49) 1,4-Dioxane	9.36	88	74	1.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	264899	57.139	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	264899	113.499	ug/l #	10

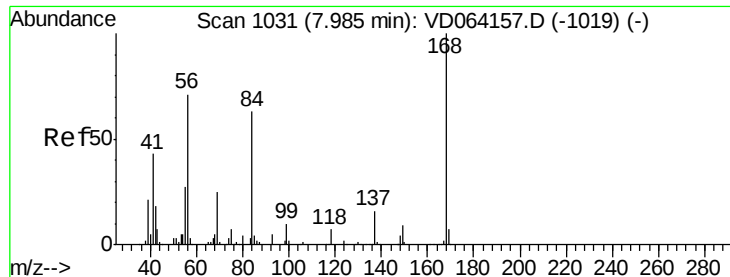
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
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QLast Update : Tue Nov 12 02:43:24 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: VD064247.D

Acq: 16 Nov 2019 02:30

Instrument :

MSVOA_D

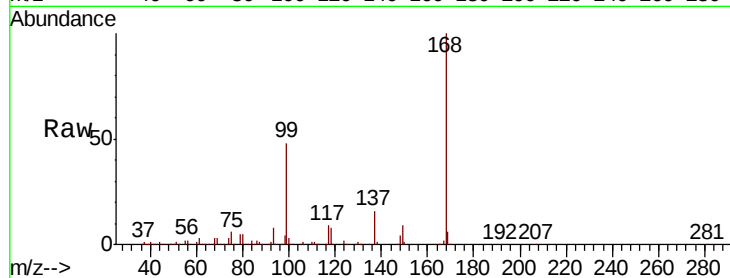
ClientSampleId :

Tot Ion:168 Resp: 1001640

Ion Ratio Lower Upper

168 100

99 48.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

400000

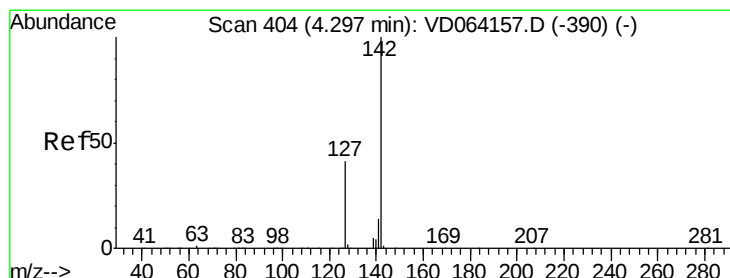
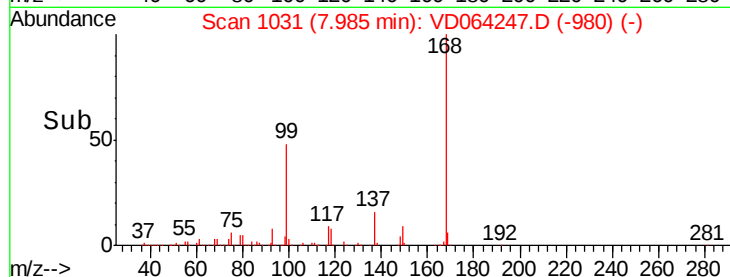
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.104 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

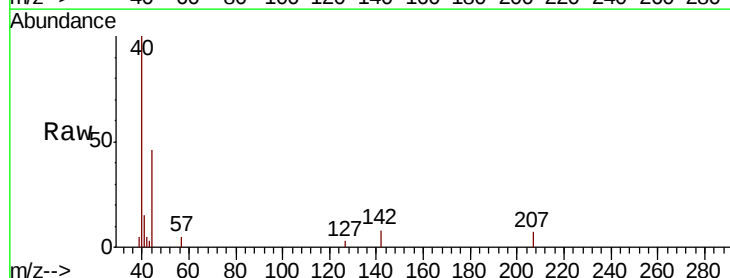
Tgt Ion:142 Resp: 765

Ion Ratio Lower Upper

142 100

127 15.9 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

4.29

400

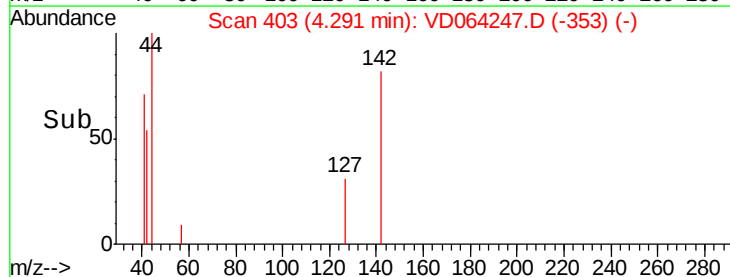
300

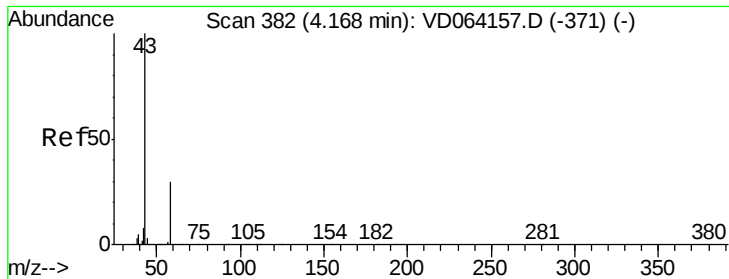
200

100

0

Time-->

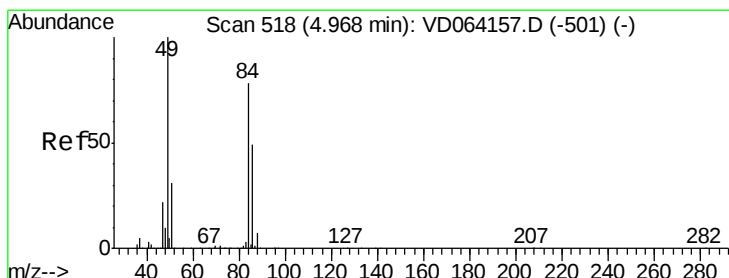
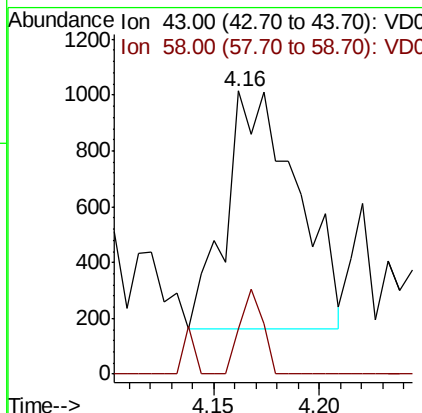
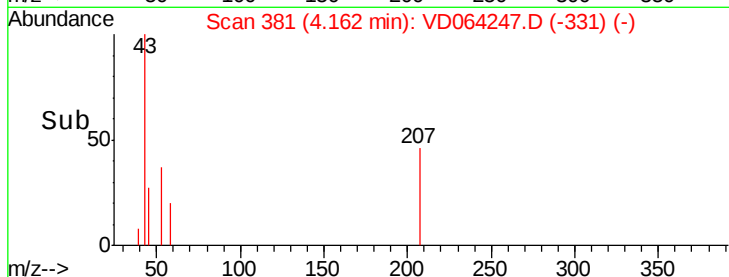
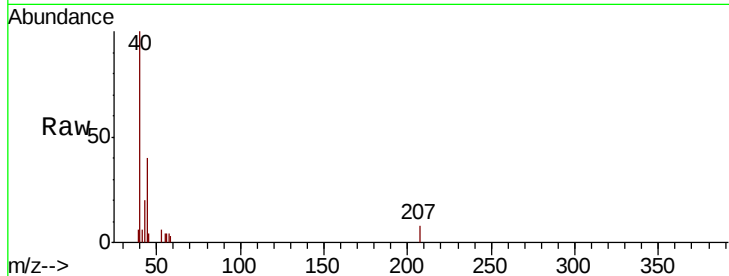




#16
Acetone
Concen: 1.019 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

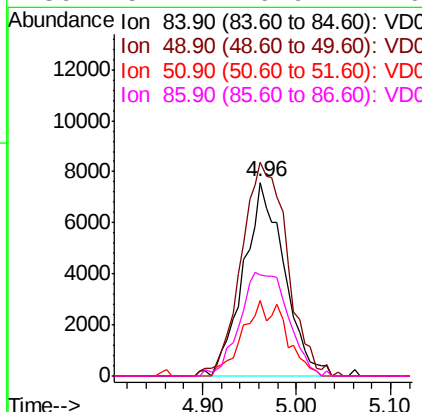
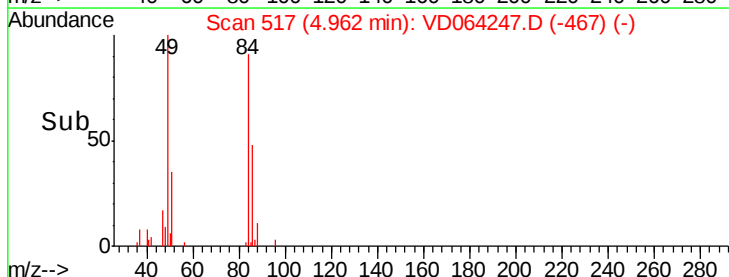
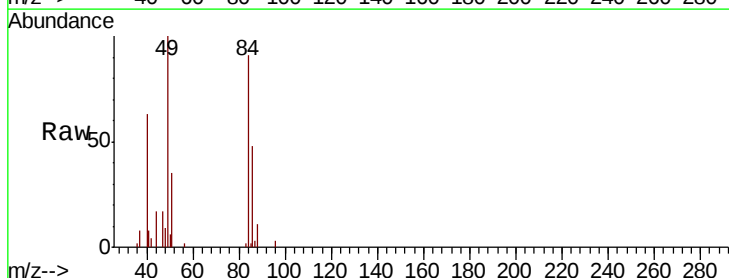
Instrument :
MSVOA_D
ClientSampled :

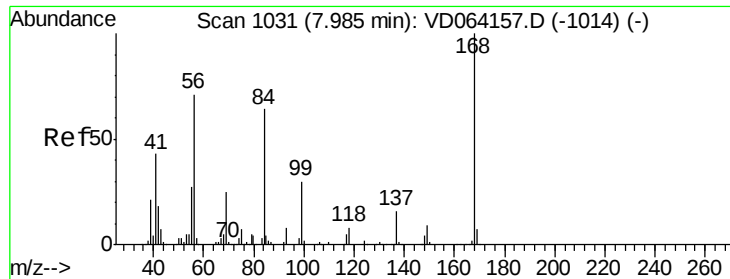
Tot Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
58 19.0 24.1 36.1#



#20
Methylene Chloride
Concen: 2.313 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

Tgt Ion: 84 Resp: 22806
Ion Ratio Lower Upper
84 100
49 110.3 102.1 153.1
51 38.9 32.2 48.2
86 52.4 49.9 74.9

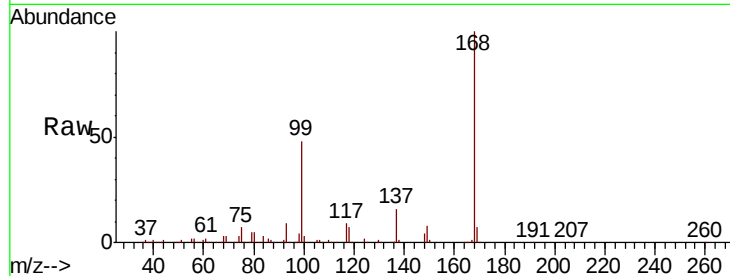




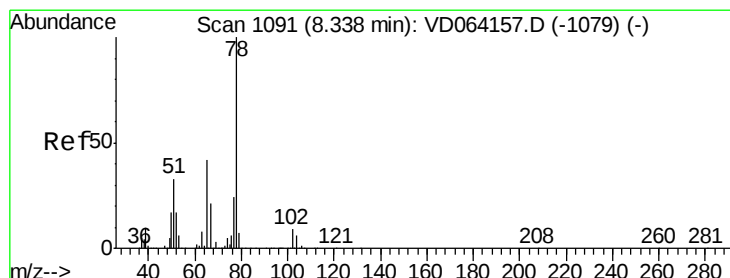
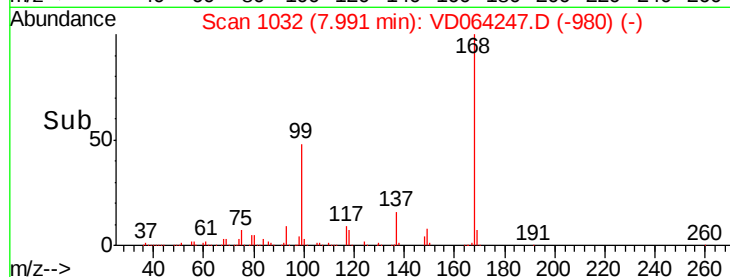
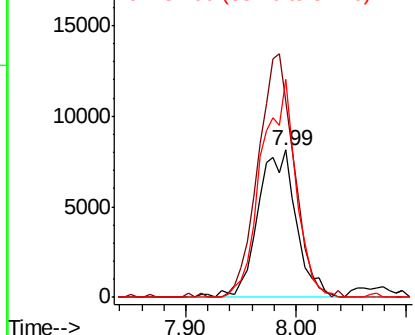
#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 19686
Ion Ratio Lower Upper
56 100
69 130.7 28.2 42.4#
84 148.1 71.8 107.6#

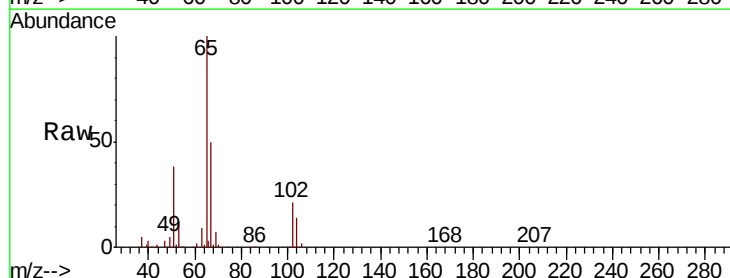


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

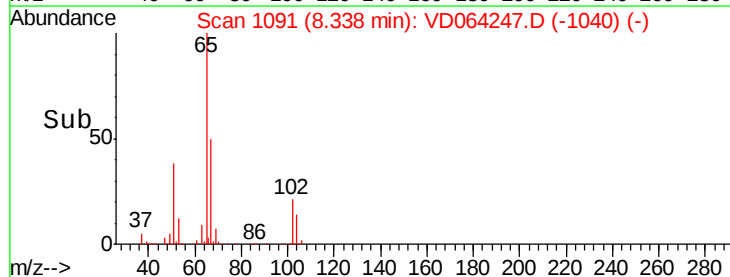
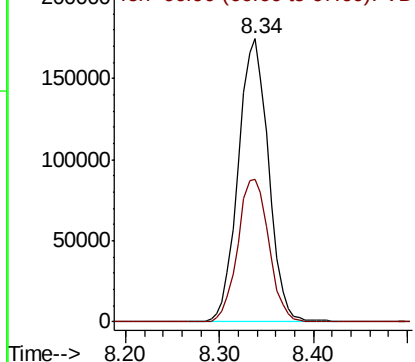


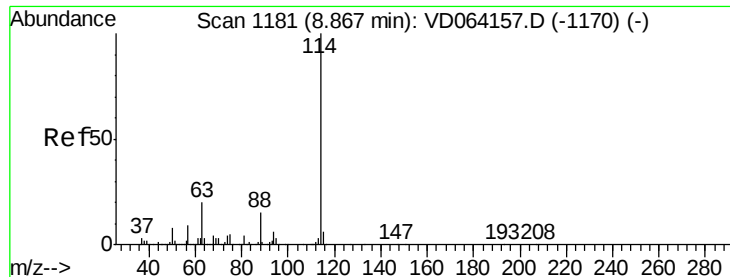
#33
1,2-Dichloroethane-d4
Concen: 47.325 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

Tgt Ion: 65 Resp: 389861
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4



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

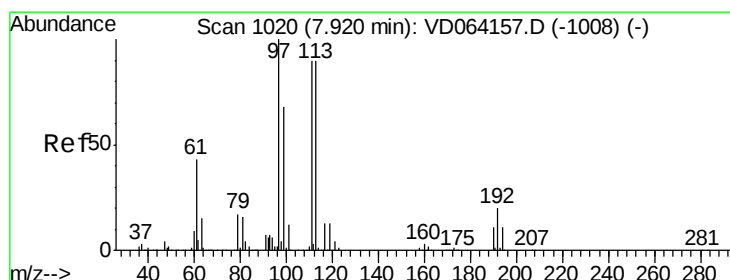
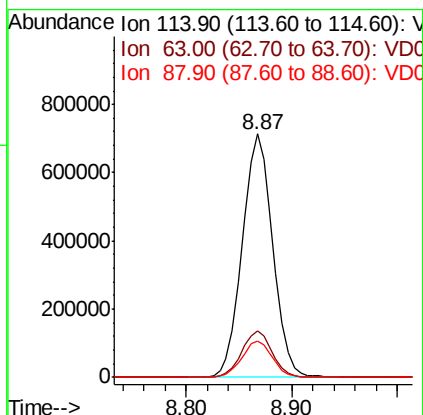
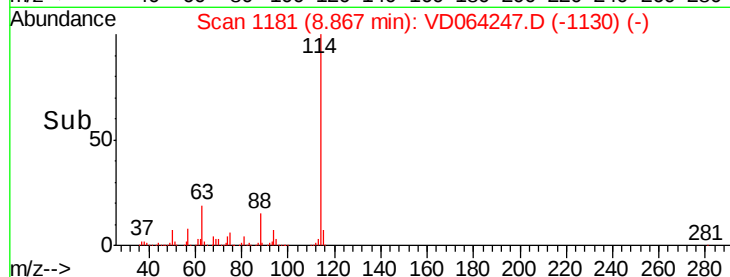
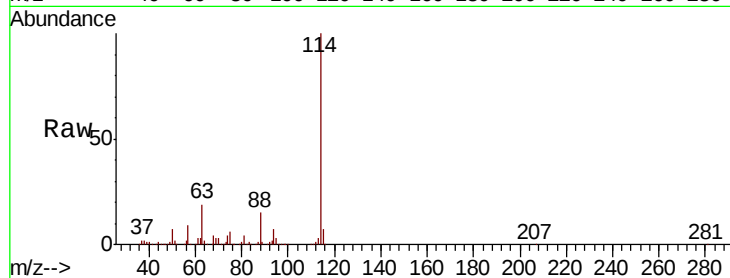




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064247.D
 Acq: 16 Nov 2019 02:30

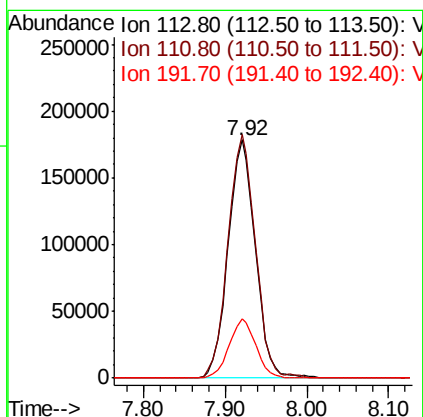
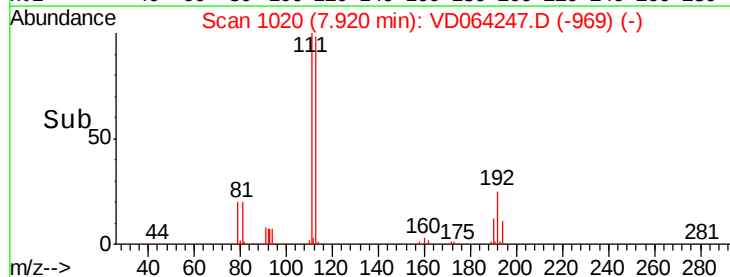
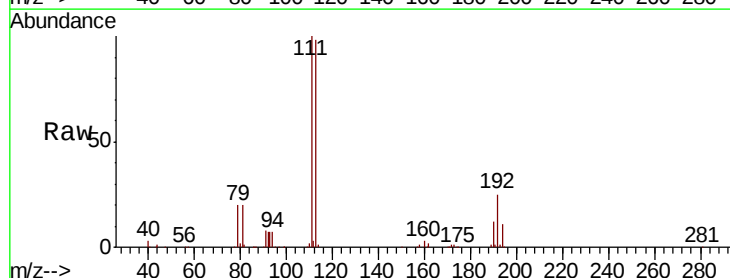
Instrument :
 MSVOA_D
 ClientSampleId :

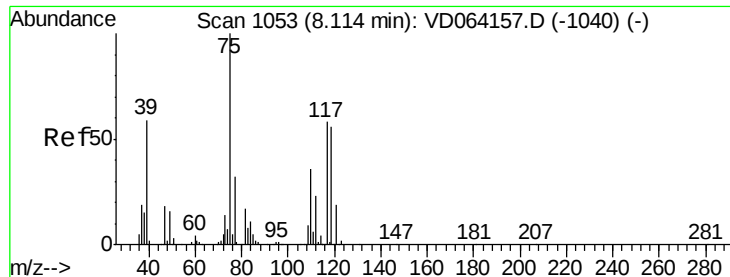
Tot Ion:114 Resp: 1423986
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 50.636 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064247.D
 Acq: 16 Nov 2019 02:30

Tgt Ion:113 Resp: 413895
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.5 122.3
 192 24.4 18.8 28.2





#36

1,1-Dichloropropene

Concen: 5.098 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

Instrument :
MSVOA_D
ClientSampleId :

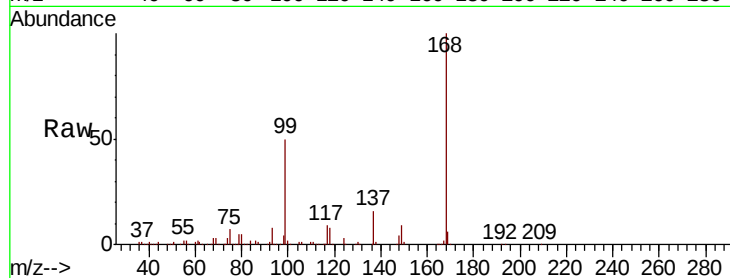
Tot Ion: 75 Resp: 67001

Ion Ratio Lower Upper

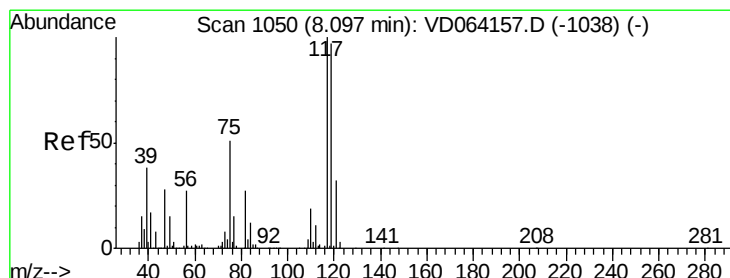
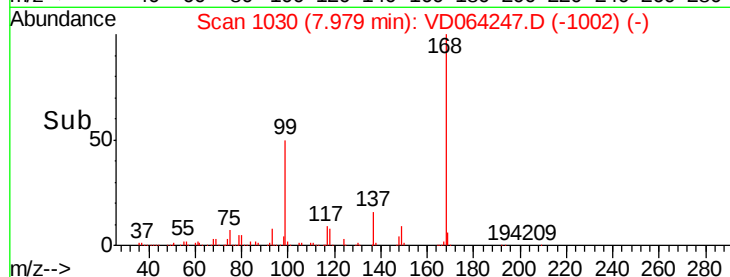
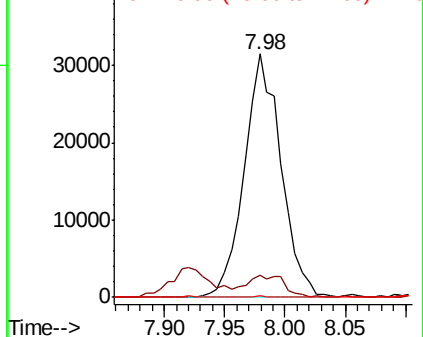
75 100

110 9.6 18.3 54.9#

77 0.1 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: 6.490 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

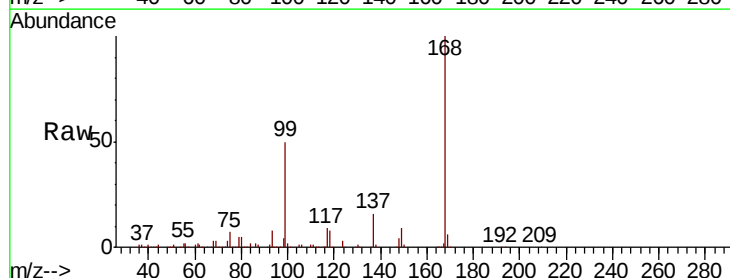
Tgt Ion: 117 Resp: 91270

Ion Ratio Lower Upper

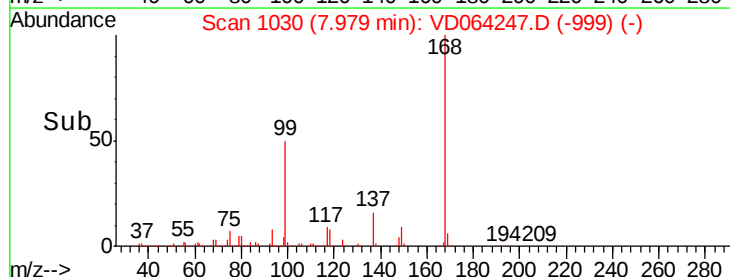
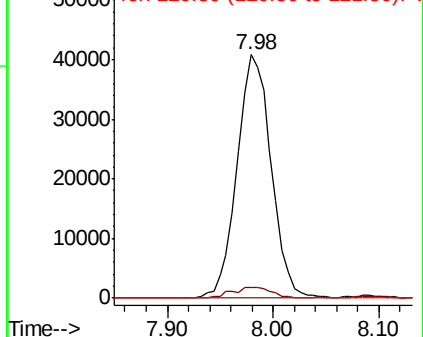
117 100

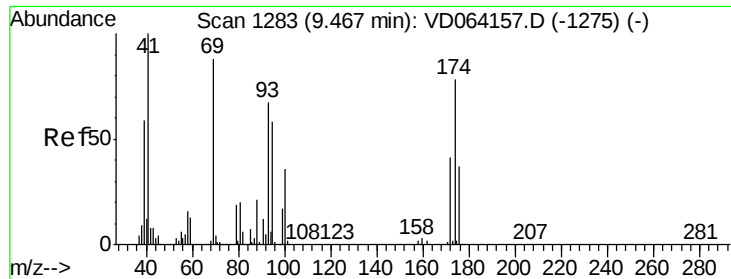
119 4.4 77.2 115.8#

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

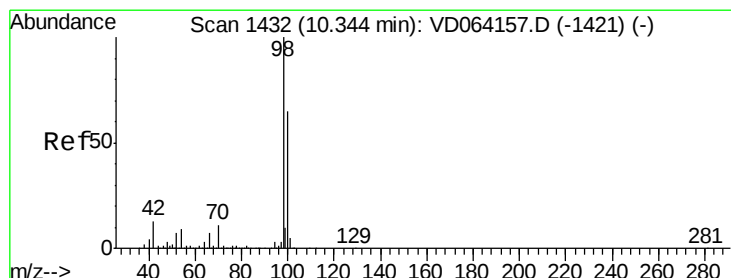
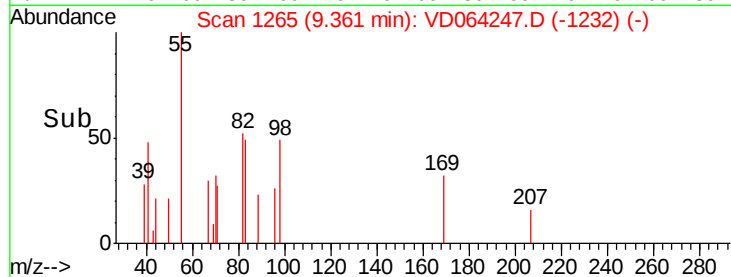
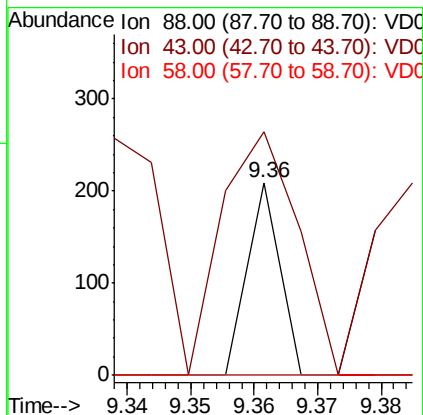
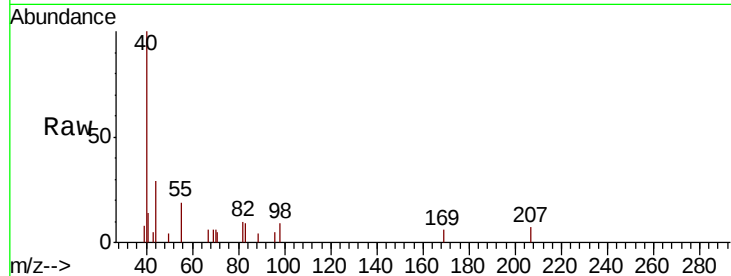




#49
1,4-Dioxane
Concen: 1.317 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.11 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

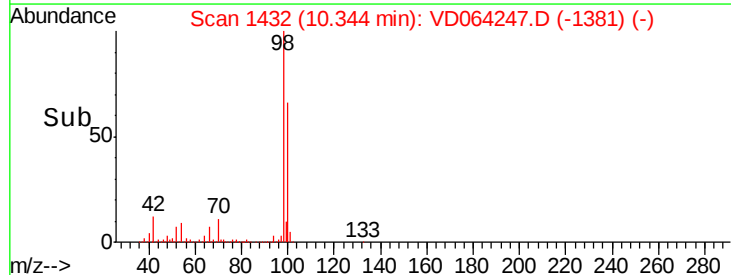
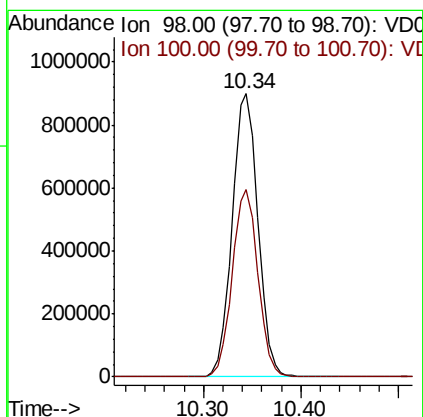
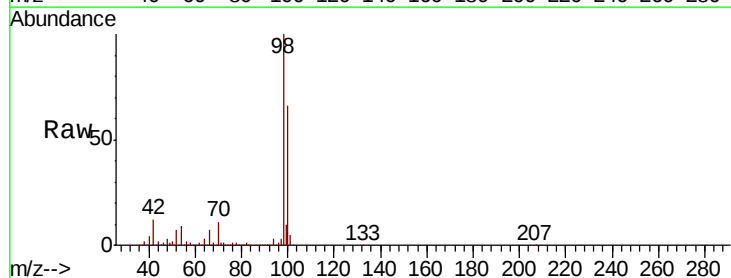
Instrument :
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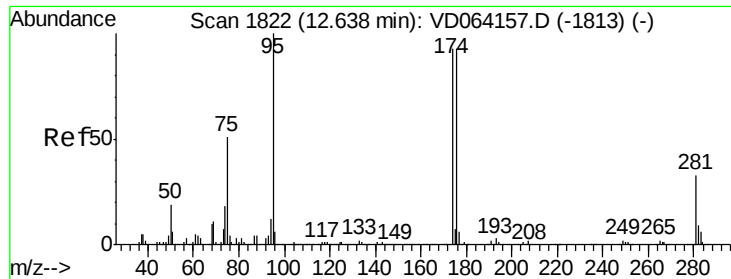
Tot Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 295.9 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.401 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064247.D
Acq: 16 Nov 2019 02:30

Tgt Ion: 98 Resp: 1646650
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 47.309 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

Instrument :

MSVOA_D

ClientSampleId :

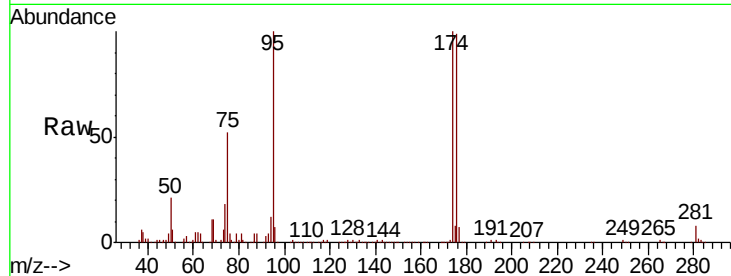
Tot Ion: 95 Resp: 505190

Ion Ratio Lower Upper

95 100

174 97.6 0.0 183.6

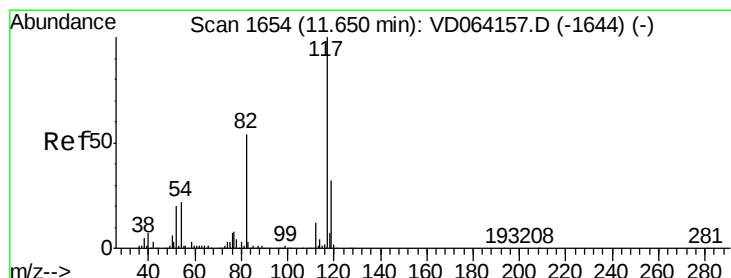
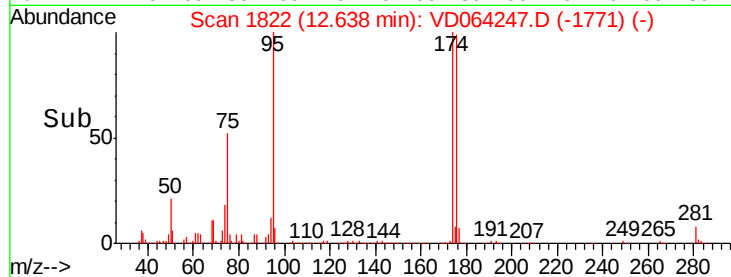
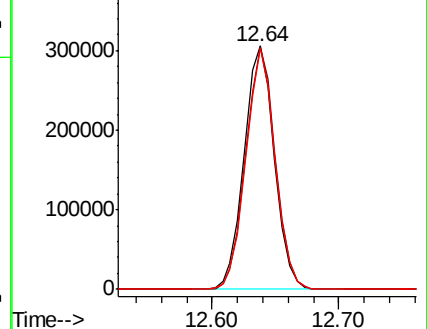
176 95.5 0.0 180.2



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: VD064247.D

Acq: 16 Nov 2019 02:30

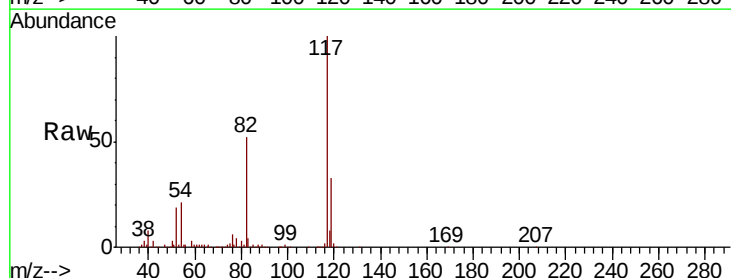
Tgt Ion: 117 Resp: 1213024

Ion Ratio Lower Upper

117 100

82 51.6 42.8 64.2

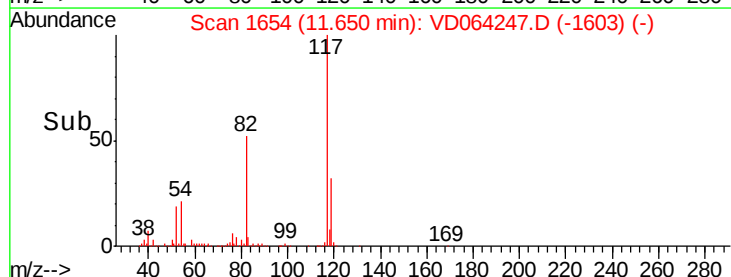
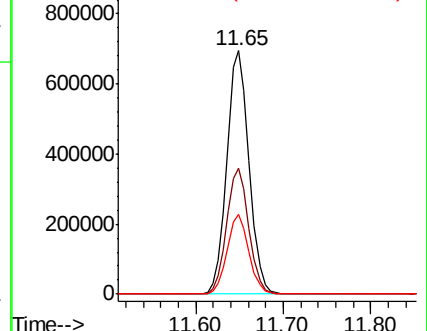
119 32.5 25.6 38.4

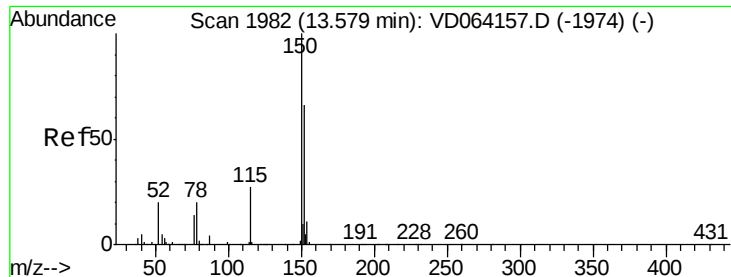


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.00 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

Instrument :

MSVOA_D

ClientSampleId :

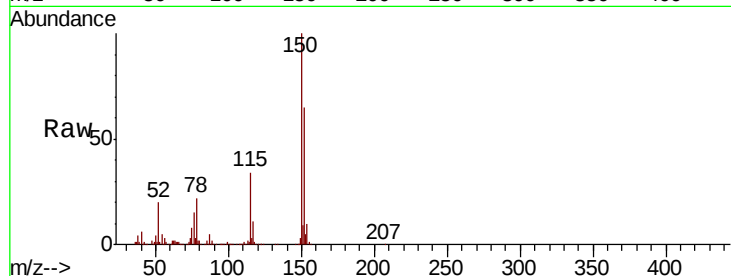
Tot Ion:152 Resp: 575576

Ion Ratio Lower Upper

152 100

115 53.8 27.4 82.2

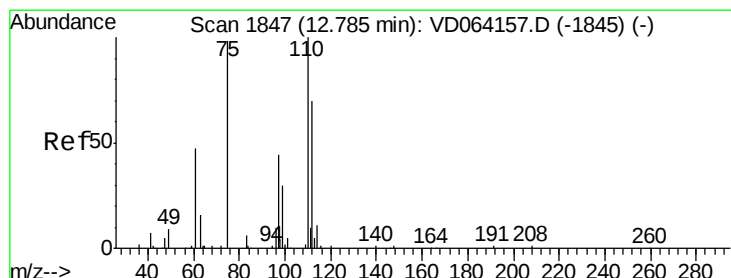
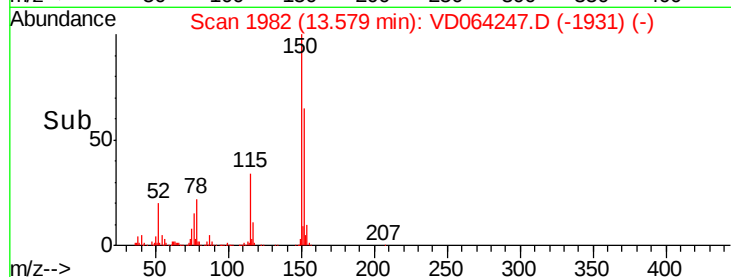
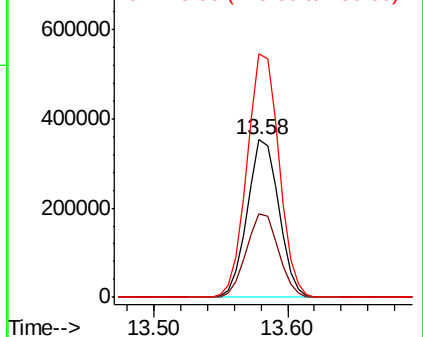
150 156.4 0.0 351.6



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: 57.139 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064247.D

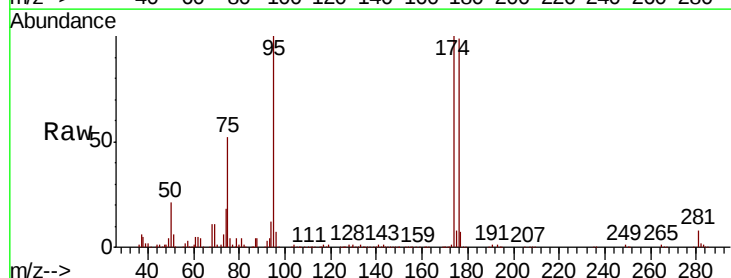
Acq: 16 Nov 2019 02:30

Tgt Ion: 75 Resp: 264899

Ion Ratio Lower Upper

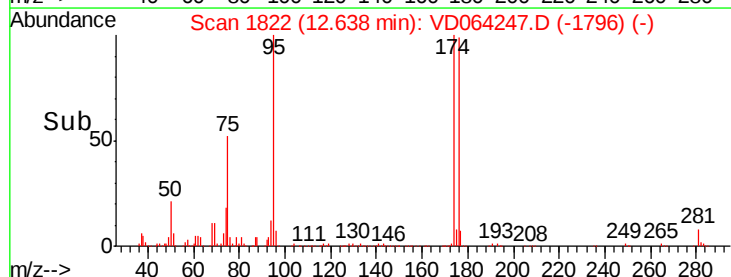
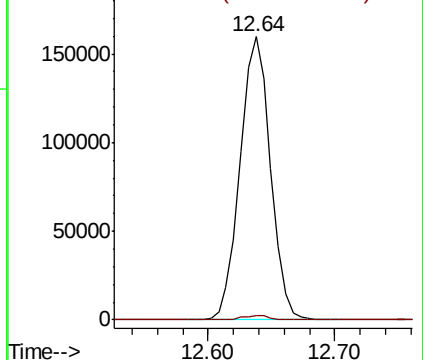
75 100

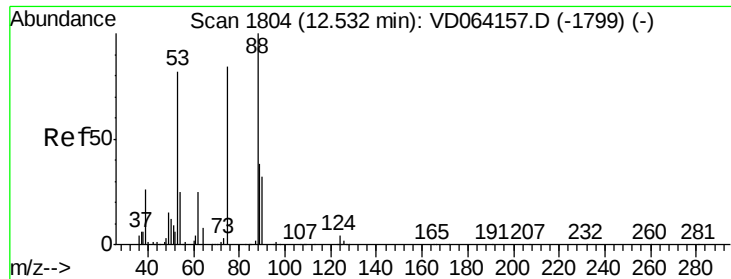
77 1.3 0.0 0.0#



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: 113.499 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064247.D

Acq: 16 Nov 2019 02:30

Instrument :

MSVOA_D

ClientSampleId :

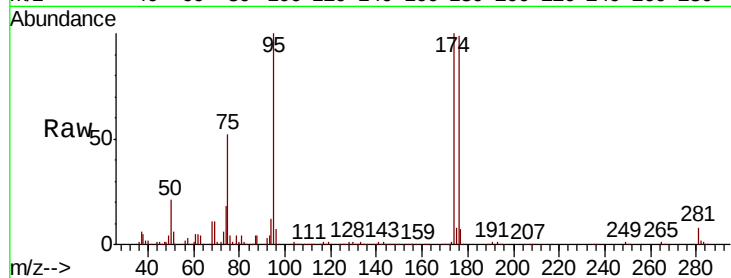
Tot Ion: 75 Resp: 264899

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 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

