

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066831.D
 Acq On : 23 Sep 2020 13:38
 Operator : VA/SY
 Sample : L3863-05
 Misc : 8.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-092220

Quant Time: Sep 23 15:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	405162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	734779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	722888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315078	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	225446	56.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.70%	
35) Dibromofluoromethane	7.91	113	231739	49.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.14%	
50) Toluene-d8	10.34	98	891361	55.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.63	95	304831	55.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.82%	

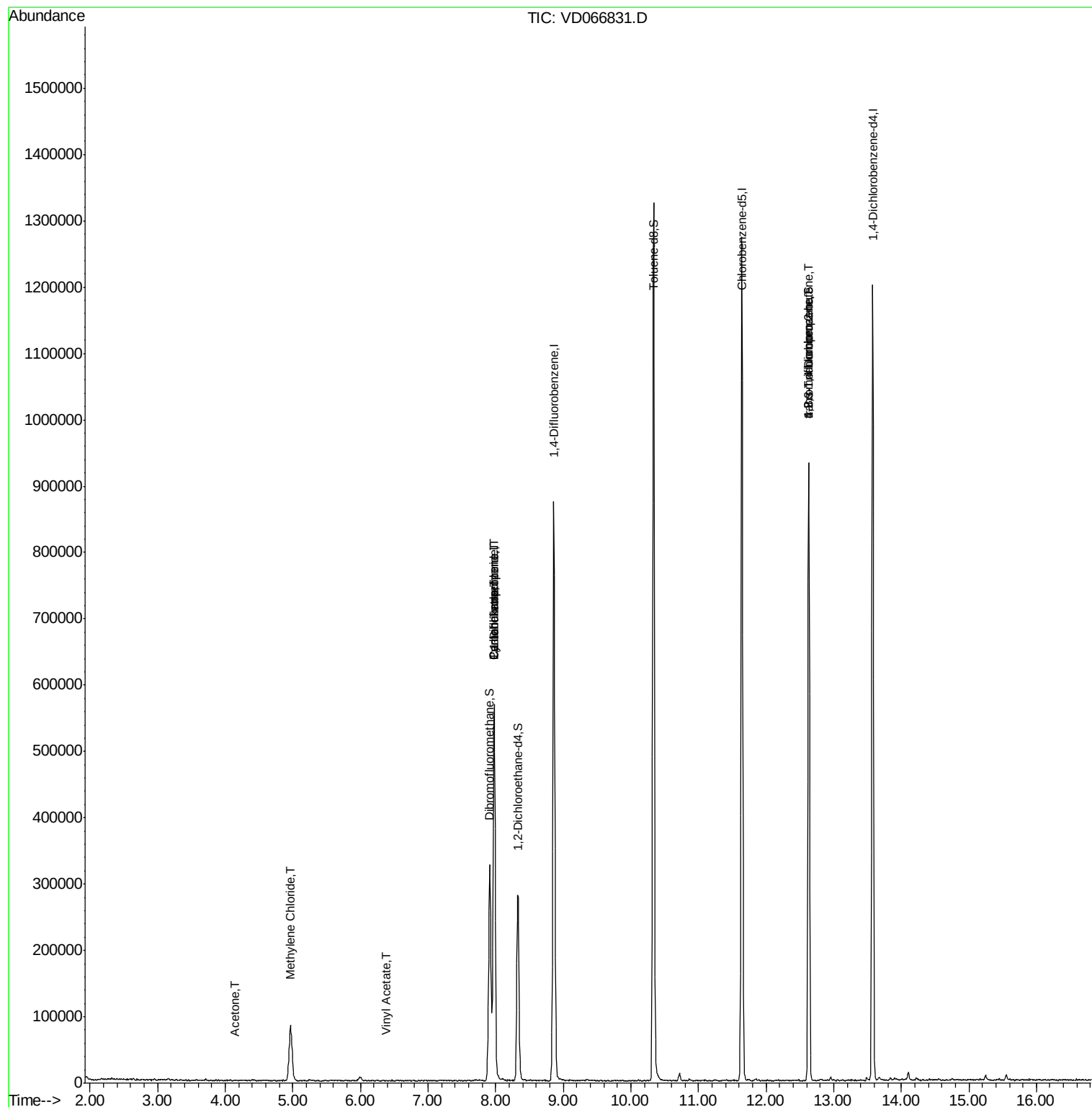
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	448	Below Cal	#	46
16) Acetone	4.15	43	1126	1.339	ug/l #	43
18) Methyl Acetate	4.71	43	65	Below Cal	#	50
20) Methylene Chloride	4.97	84	66113	9.892	ug/l	97
23) Vinyl Acetate	6.38	43	64	2.682	ug/l #	71
31) Cyclohexane	7.98	56	9517	1.320	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	33563	4.604	ug/l #	50
38) Carbon Tetrachloride	7.98	117	42573	5.342	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	157960	60.495	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	157960	151.354	ug/l #	10

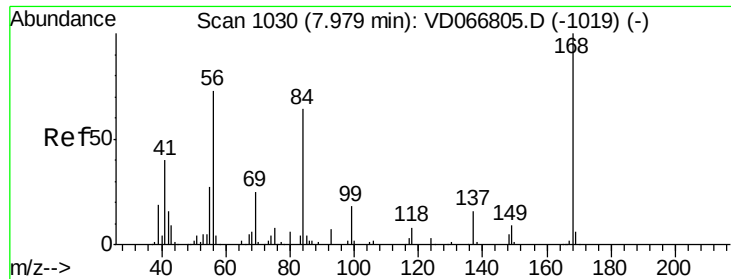
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
Data File : VD066831.D
Acq On : 23 Sep 2020 13:38
Operator : VA/SY
Sample : L3863-05
Misc : 8.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-092220

Quant Time: Sep 23 15:02:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

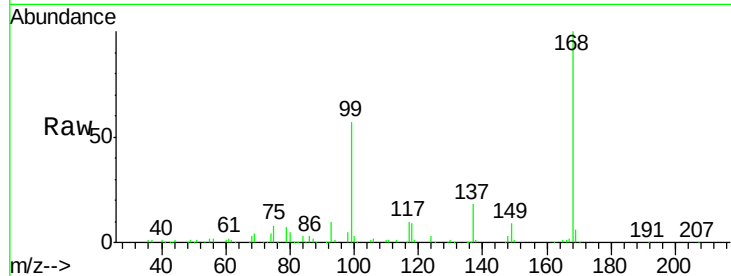
HD-01-092220

Tgt Ion:168 Resp: 405162

Ion Ratio Lower Upper

168 100

99 56.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

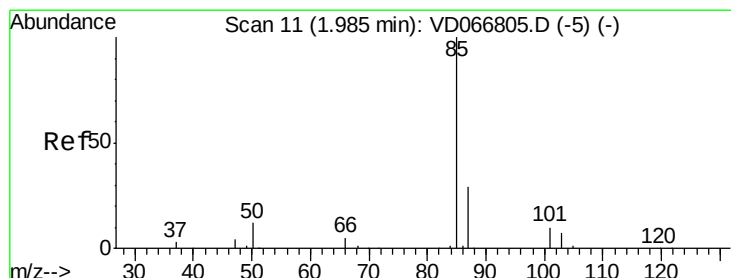
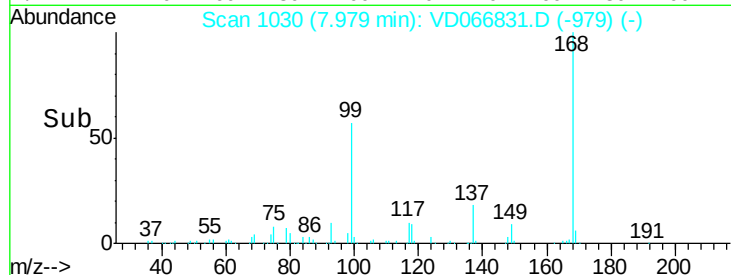
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066831.D

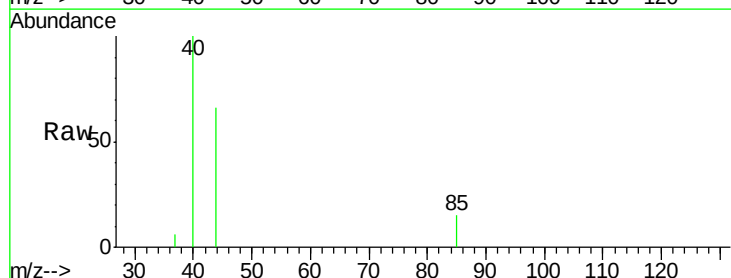
Acq: 23 Sep 2020 13:38

Tgt Ion: 85 Resp: 448

Ion Ratio Lower Upper

85 100

87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

500

400

300

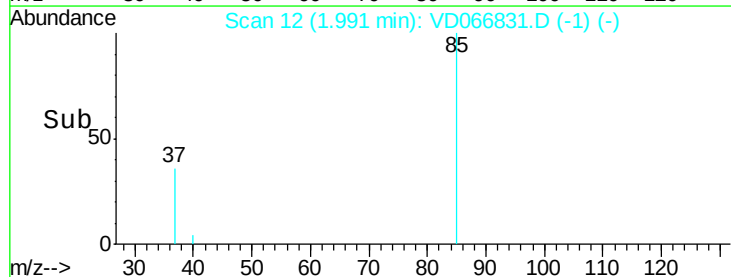
200

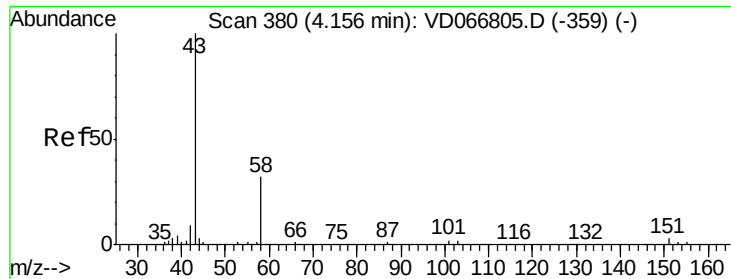
100

0

1.96 1.98 2.00 2.02

Time-->





#16

Acetone

Concen: 1.339 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

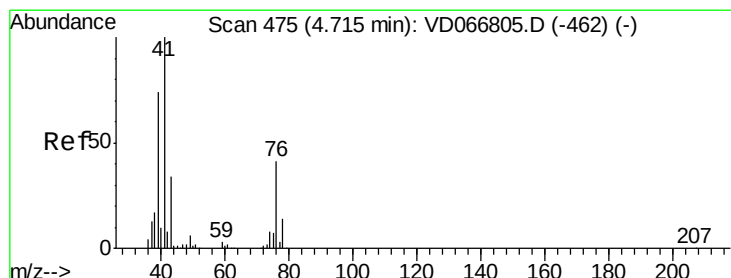
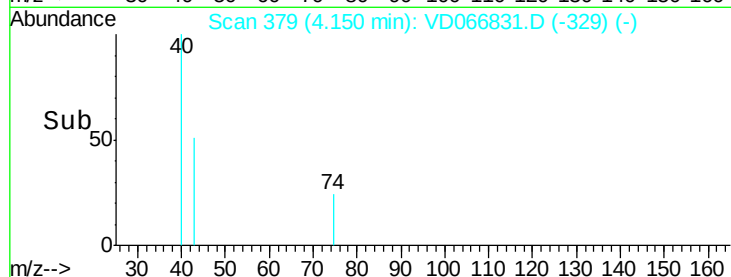
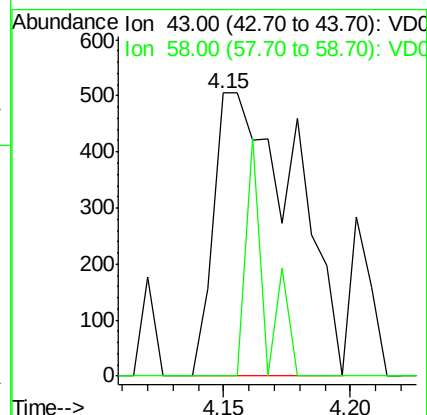
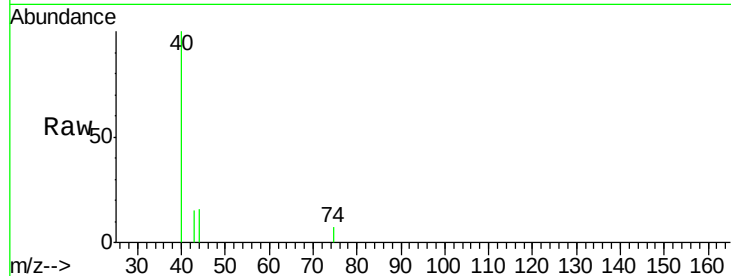
HD-01-092220

Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

58 0.0 25.6 38.4#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066831.D

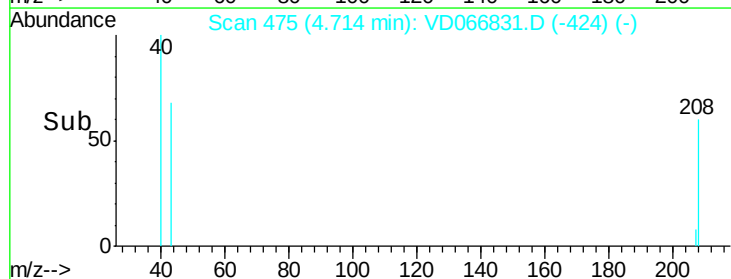
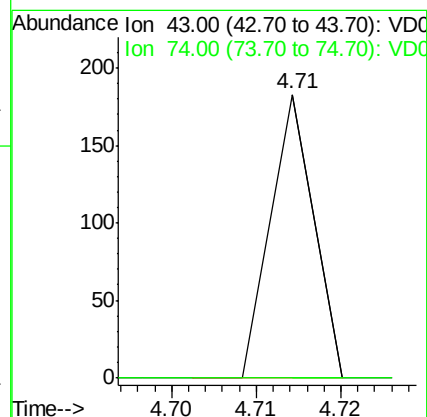
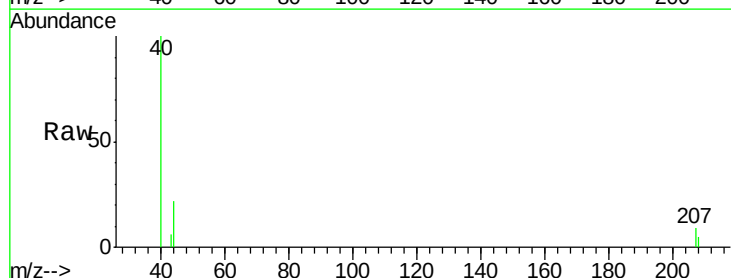
Acq: 23 Sep 2020 13:38

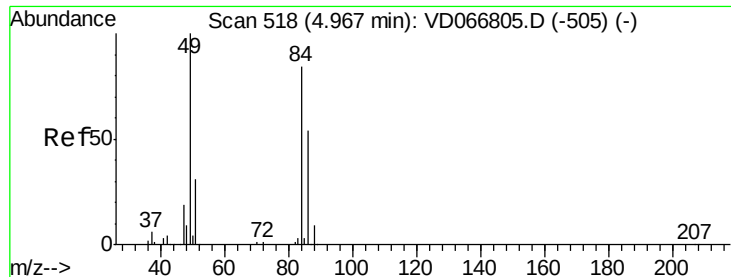
Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#

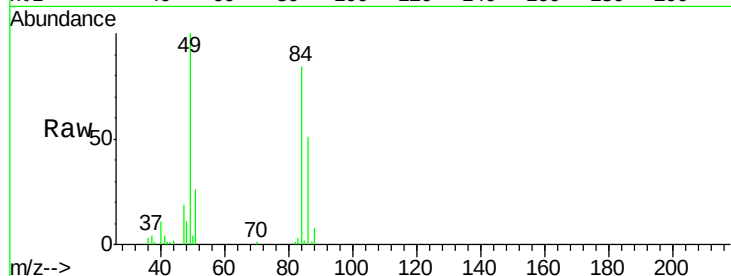




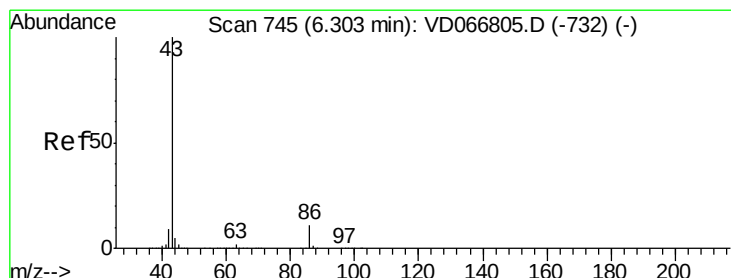
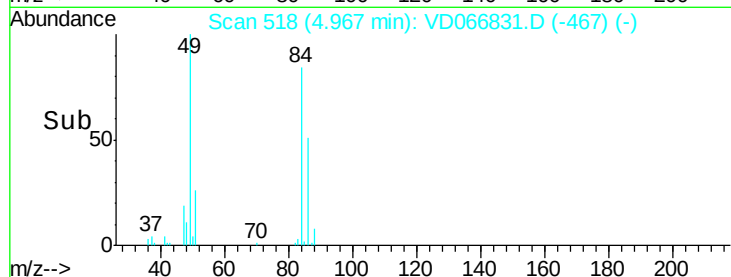
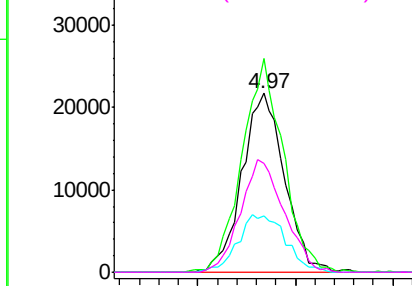
#20
Methylene Chloride
Concen: 9.892 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

Instrument :
MSVOA_D
ClientSampleId :
HD-01-092220

Tgt Ion:	84	Resp:	66113
Ion	Ratio	Lower	Upper
84	100		
49	119.6	95.4	143.2
51	31.5	29.7	44.5
86	61.2	51.4	77.2

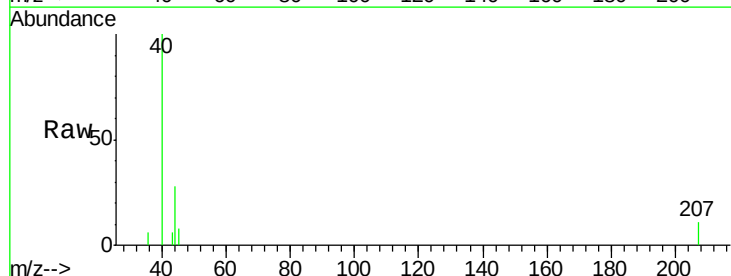


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

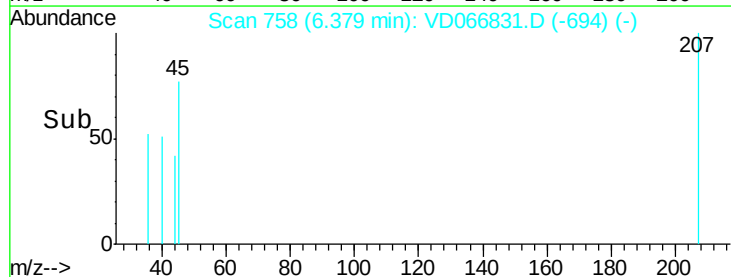
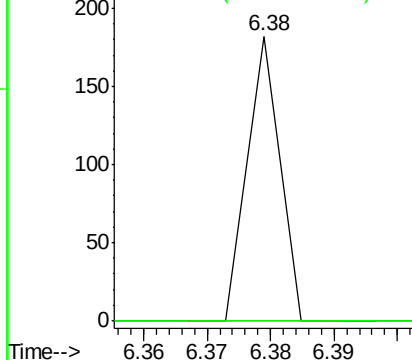


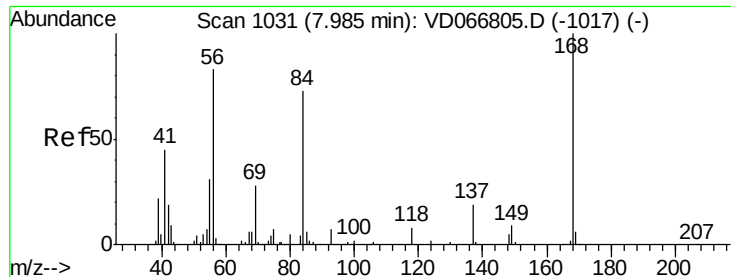
#23
Vinyl Acetate
Concen: 2.682 ug/l
RT: 6.38 min Scan# 758
Delta R.T. 0.08 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

Tgt Ion:	43	Resp:	64
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC

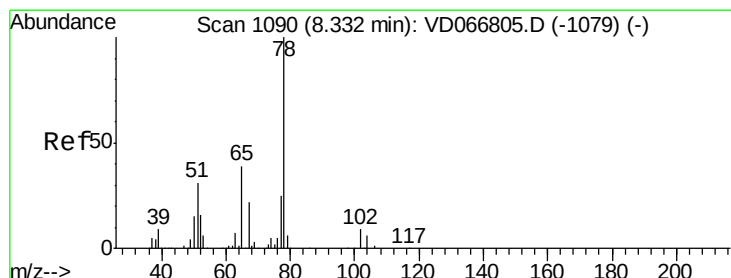
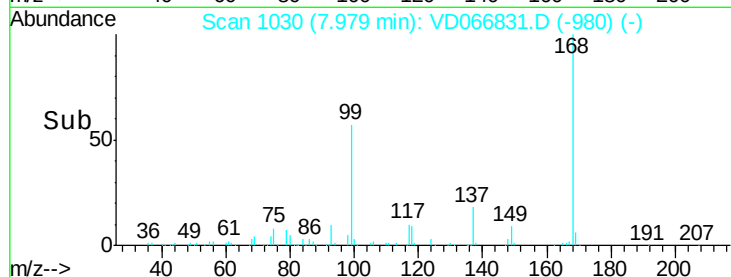
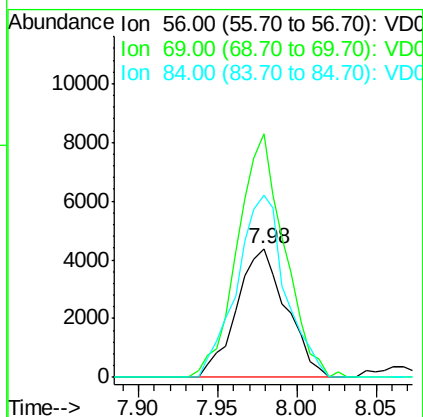
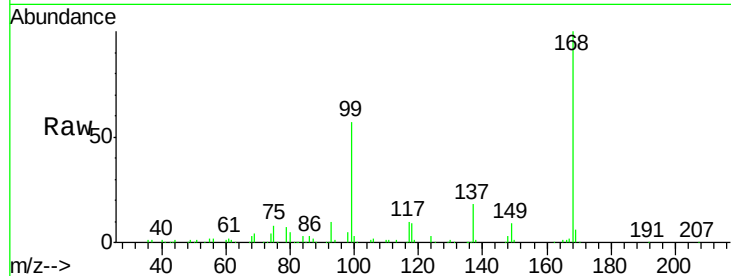




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

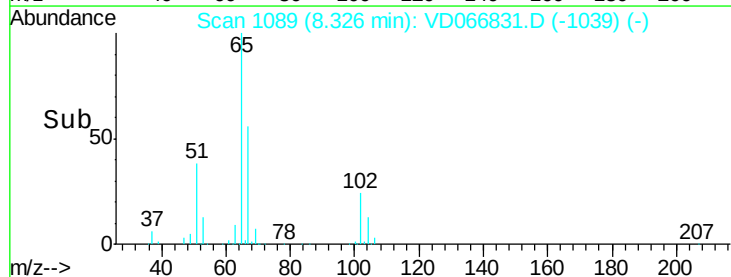
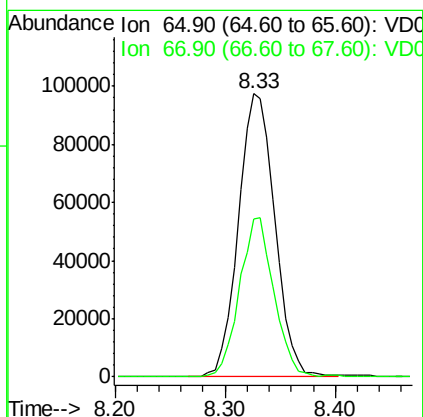
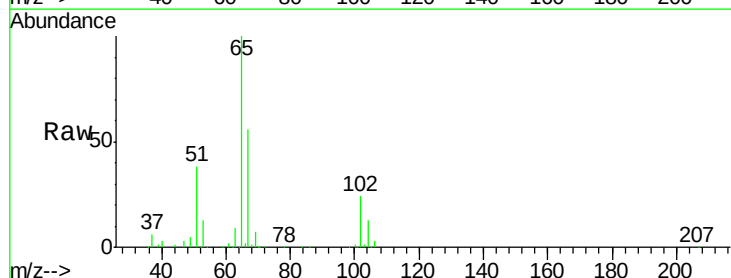
Instrument :
MSVOA_D
ClientSampleId :
HD-01-092220

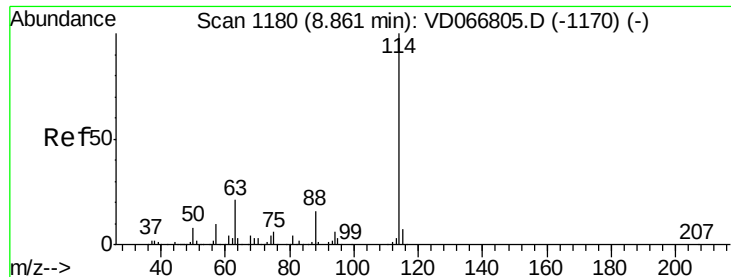
Tgt Ion: 56 Resp: 9517
Ion Ratio Lower Upper
56 100
69 189.5 27.0 40.4#
84 142.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 56.851 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

Tgt Ion: 65 Resp: 225446
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

HD-01-092220

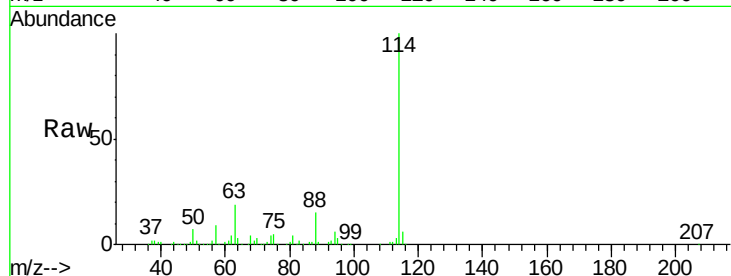
Tgt Ion:114 Resp: 734779

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

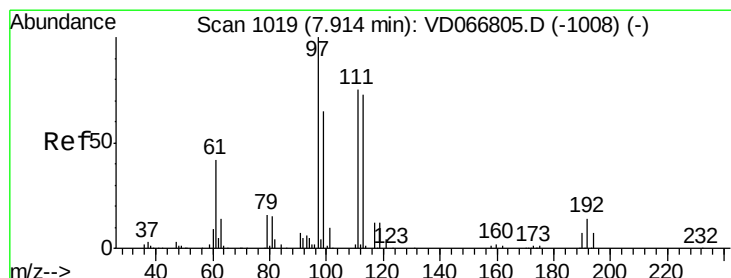
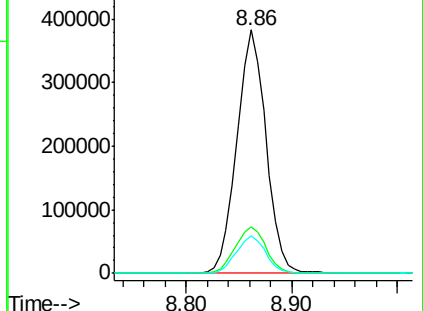
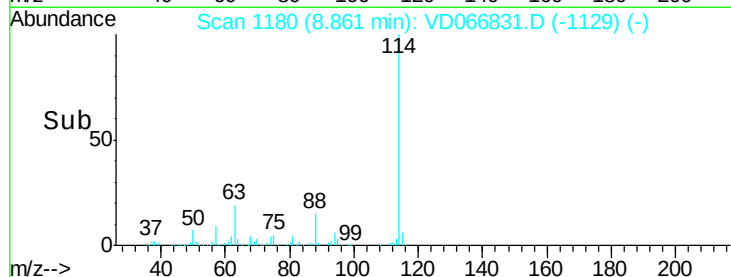
88 15.2 0.0 32.6



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: 49.573 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

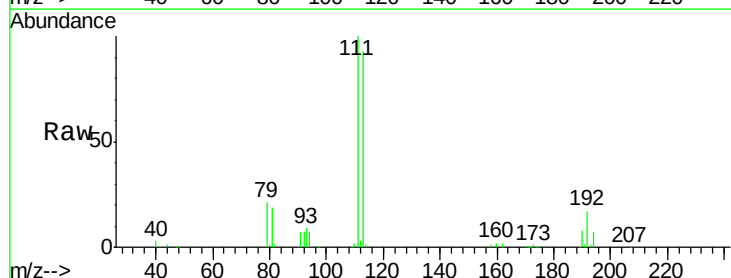
Tgt Ion:113 Resp: 231739

Ion Ratio Lower Upper

113 100

111 107.3 81.8 122.8

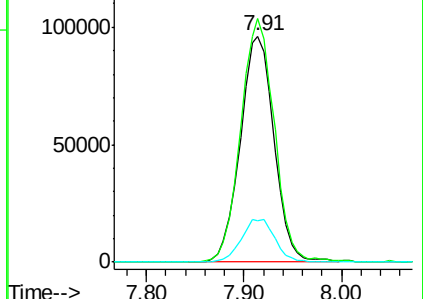
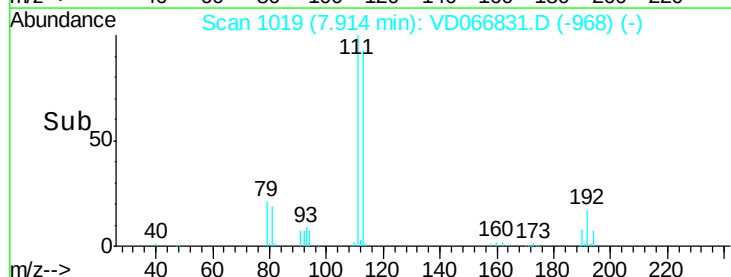
192 18.9 14.4 21.6

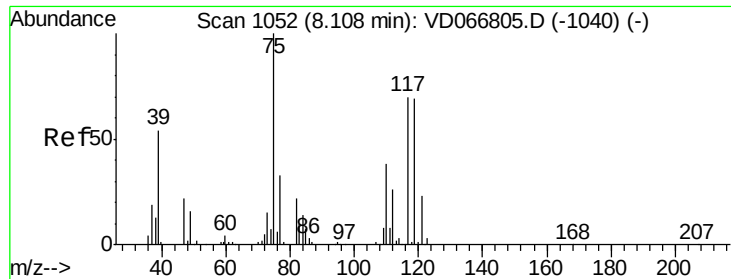


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

HD-01-092220

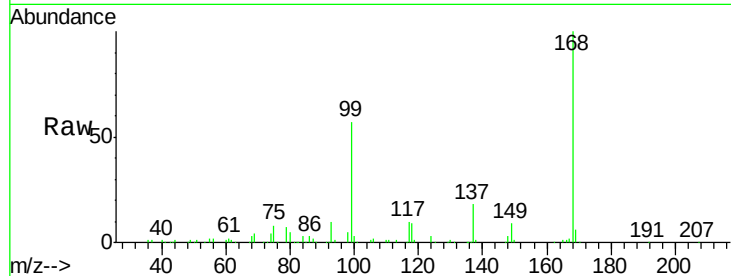
Tgt Ion: 75 Resp: 33563

Ion Ratio Lower Upper

75 100

110 9.8 17.9 53.8#

77 0.0 25.0 37.6#

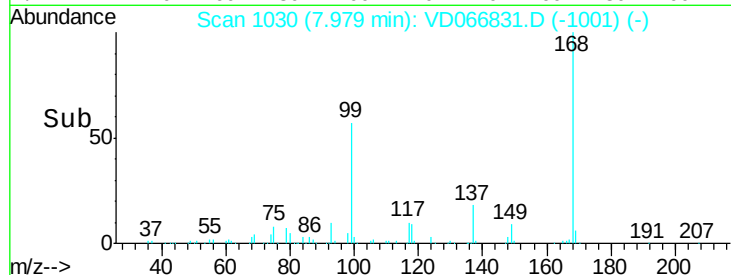


Abundance Ion 74.90 (74.60 to 75.60): VD066831.D (-998) (-)

Ion 109.90 (109.60 to 110.60): VD066831.D (-998) (-)

Ion 76.90 (76.60 to 77.60): VD066831.D (-998) (-)

Time-->



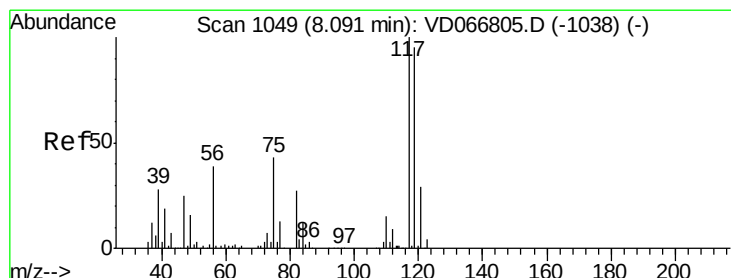
Abundance

Ion 74.90 (74.60 to 75.60): VD066831.D (-998) (-)

Ion 109.90 (109.60 to 110.60): VD066831.D (-998) (-)

Ion 76.90 (76.60 to 77.60): VD066831.D (-998) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

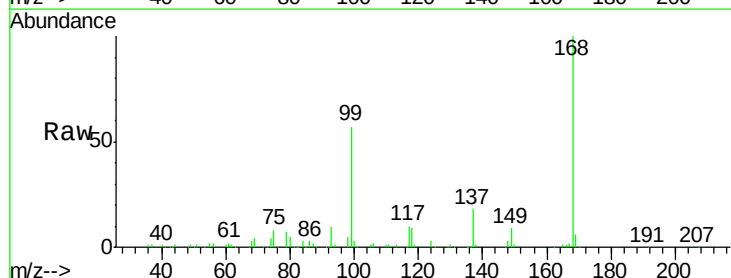
Tgt Ion: 117 Resp: 42573

Ion Ratio Lower Upper

117 100

119 7.7 75.8 113.8#

121 0.0 23.4 35.0#

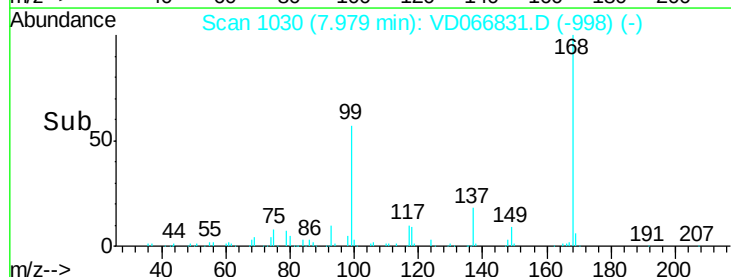


Abundance Ion 116.80 (116.50 to 117.50): VD066831.D (-998) (-)

Ion 118.80 (118.50 to 119.50): VD066831.D (-998) (-)

Ion 120.80 (120.50 to 121.50): VD066831.D (-998) (-)

Time-->



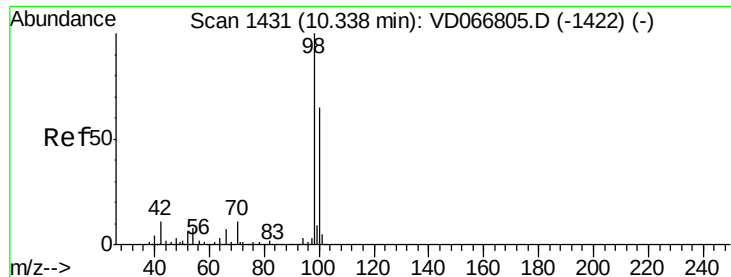
Abundance

Ion 116.80 (116.50 to 117.50): VD066831.D (-998) (-)

Ion 118.80 (118.50 to 119.50): VD066831.D (-998) (-)

Ion 120.80 (120.50 to 121.50): VD066831.D (-998) (-)

Time-->



#50

Toluene-d8

Concen: 55.964 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

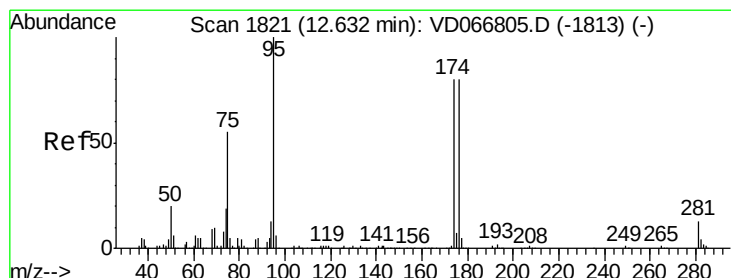
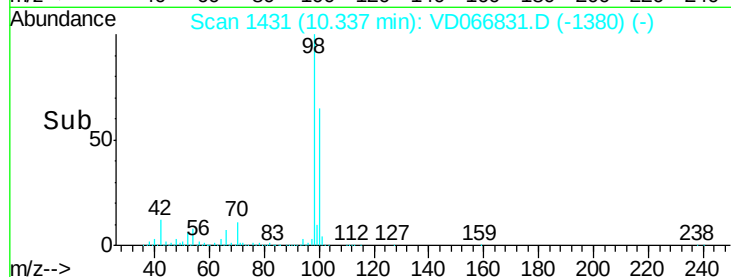
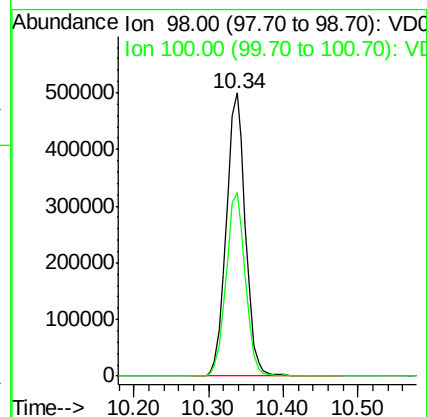
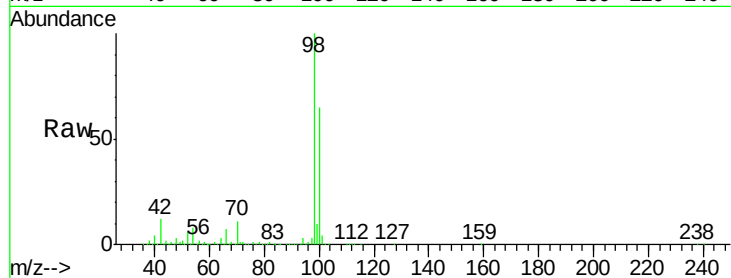
HD-01-092220

Tgt Ion: 98 Resp: 891361

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 55.907 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066831.D

Acq: 23 Sep 2020 13:38

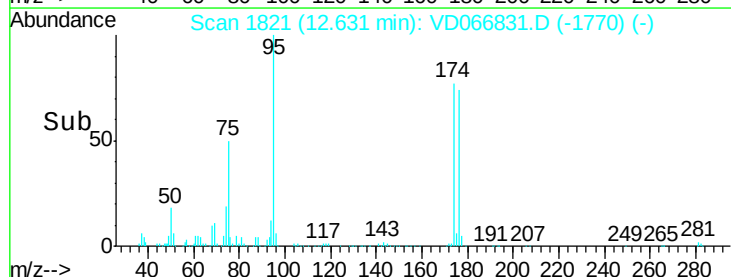
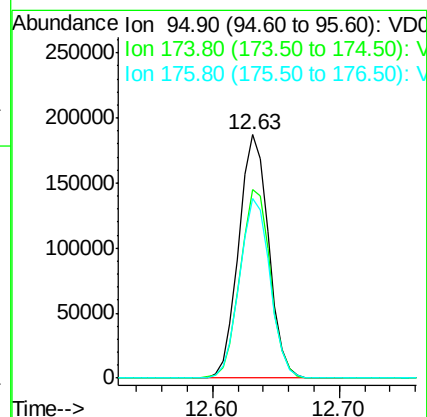
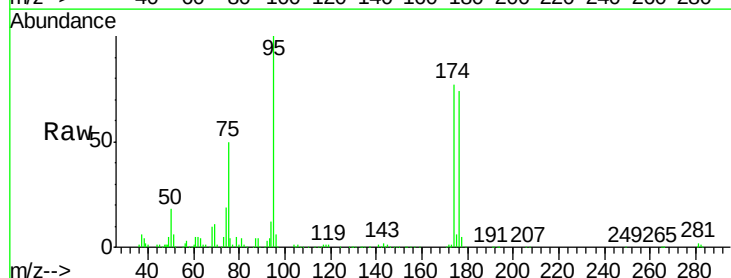
Tgt Ion: 95 Resp: 304831

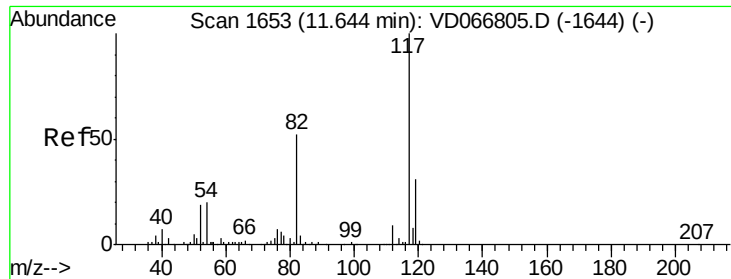
Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.8

176 75.0 0.0 154.4

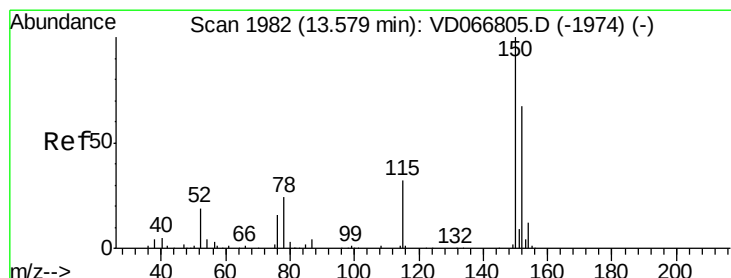
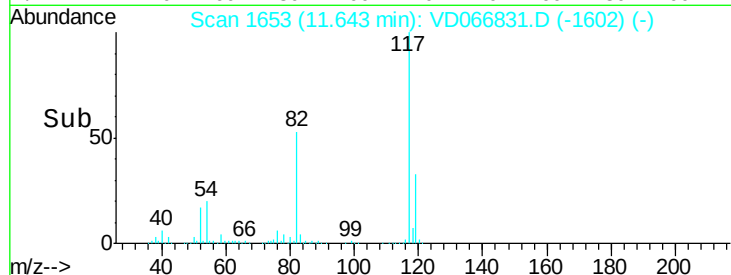
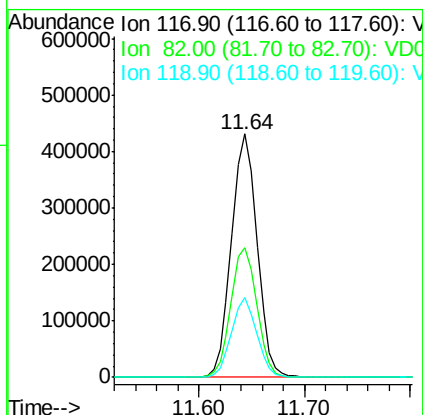
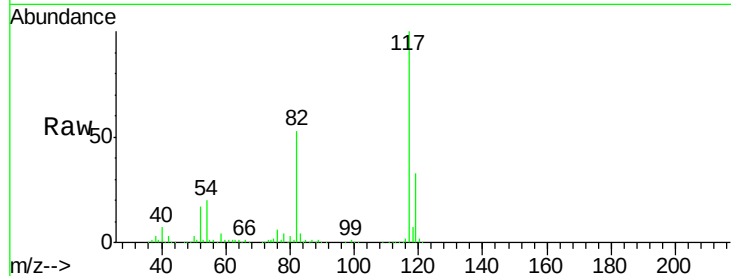




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

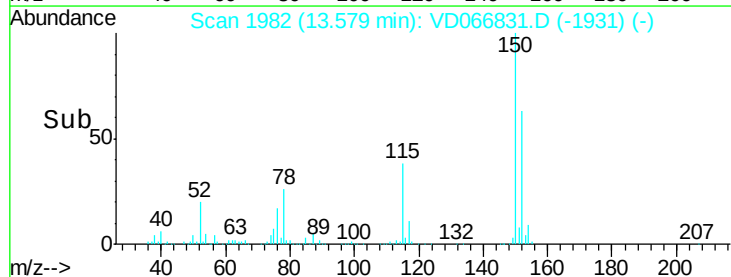
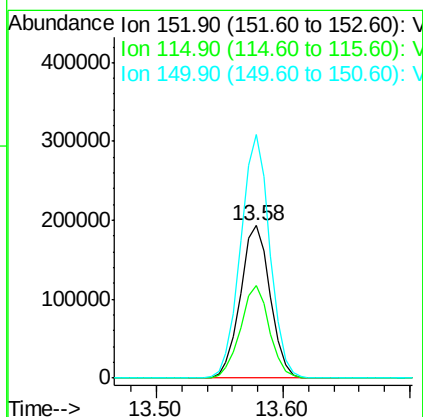
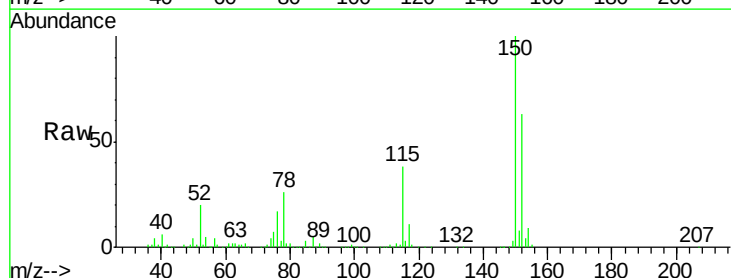
Instrument :
MSVOA_D
ClientSampleId :
HD-01-092220

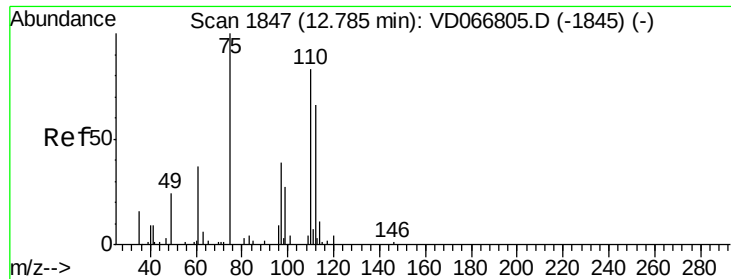
Tgt Ion:117 Resp: 722888
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066831.D
Acq: 23 Sep 2020 13:38

Tgt Ion:152 Resp: 315078
Ion Ratio Lower Upper
152 100
115 59.0 30.3 91.0
150 155.9 0.0 346.2

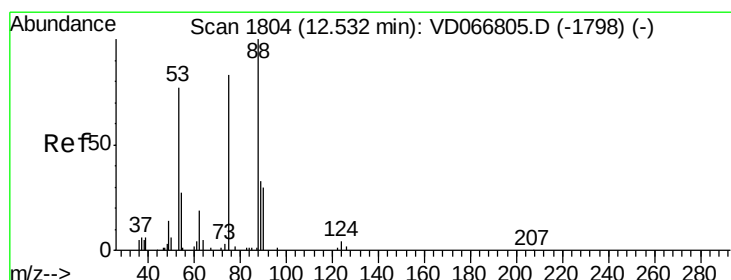
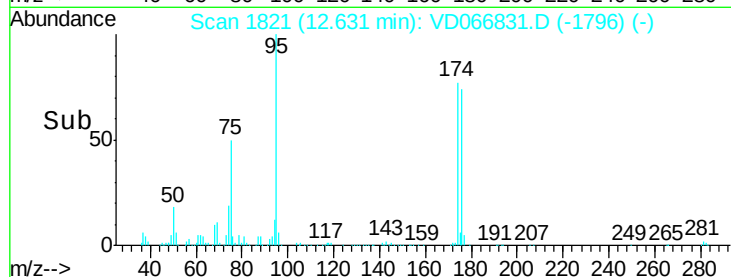
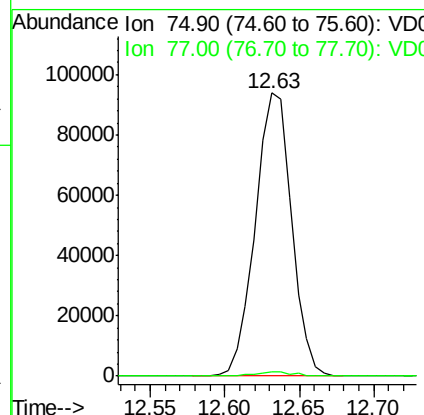
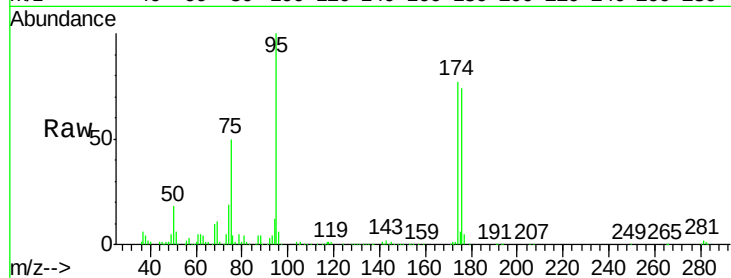




#76
 1,2,3-Trichloropropane
 Concen: 60.495 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066831.D
 Acq: 23 Sep 2020 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-092220

Tgt Ion: 75 Resp: 157960
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.354 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066831.D
 Acq: 23 Sep 2020 13:38

Tgt Ion: 75 Resp: 157960
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.1 38.1 57.1#

