

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064578.D
 Acq On : 23 Dec 2019 19:53
 Operator : VA/SY
 Sample : K6421-01
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 24 05:56:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	375127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	646901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332001	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	174260	51.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.64%	
35) Dibromofluoromethane	7.92	113	191578	49.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.92%	
50) Toluene-d8	10.34	98	750631	51.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.64	95	290967	62.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.36%	

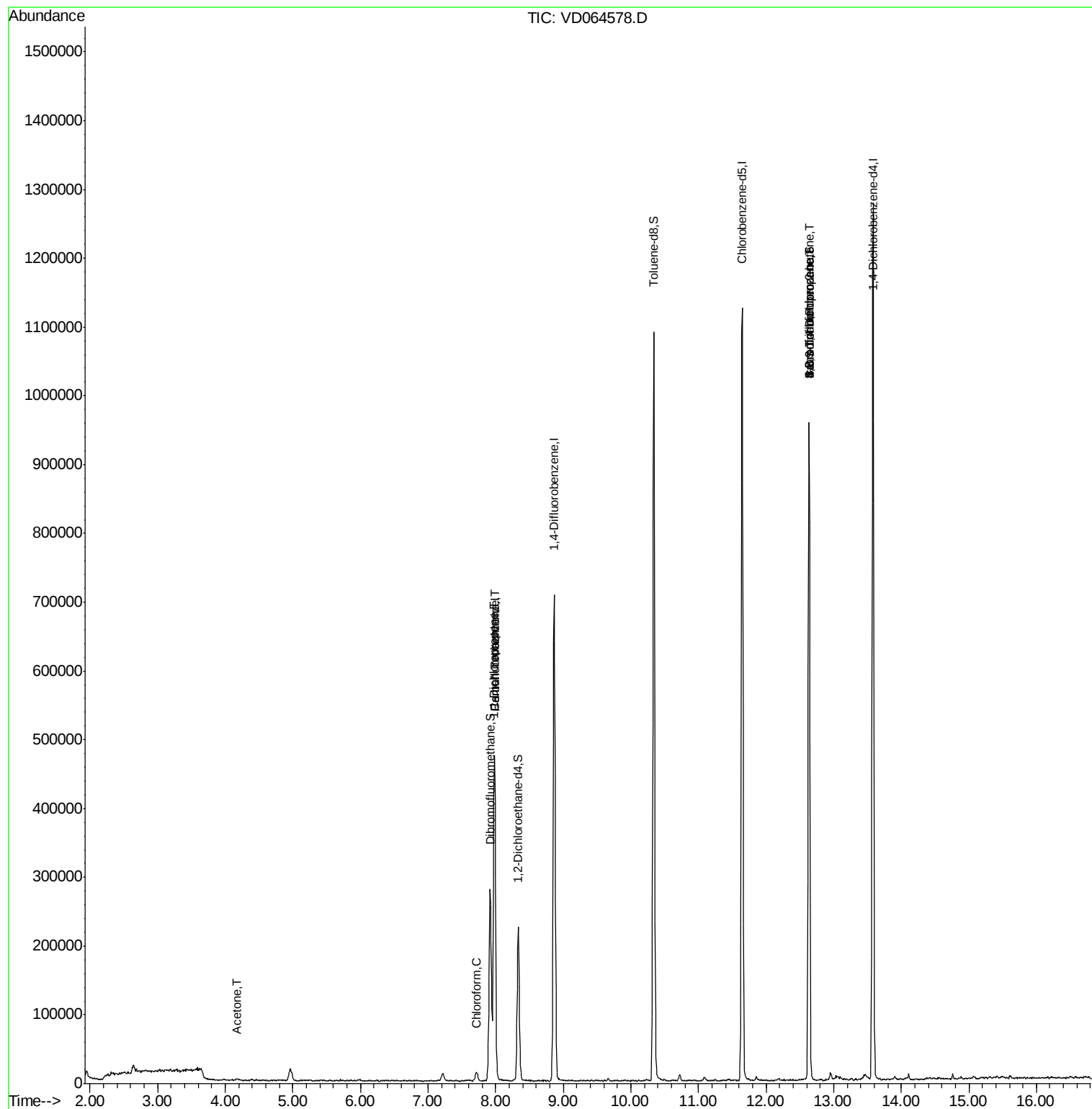
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.18	43	4323	6.300	ug/l #	81
20) Methylene Chloride	4.96	84	12762	Below Cal	#	93
30) Chloroform	7.72	83	12056	1.858	ug/l #	78
31) Cyclohexane	7.98	56	7582	Below Cal	#	1
36) 1,1-Dichloropropene	7.97	75	27931	4.852	ug/l #	48
38) Carbon Tetrachloride	7.98	117	35900	5.909	ug/l #	14
71) Bromoform	12.64	173	3360	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	152292	55.779	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	152292	121.628	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.44	75	79	Below Cal	#	30

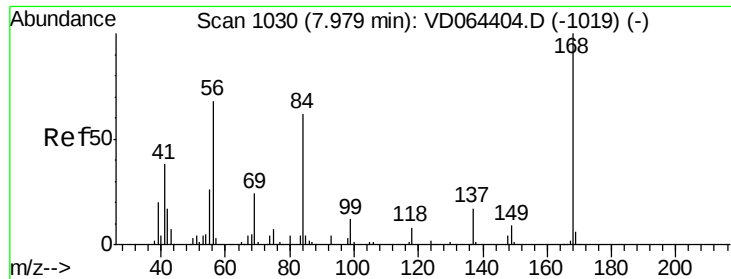
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122319\
Data File : VD064578.D
Acq On : 23 Dec 2019 19:53
Operator : VA/SY
Sample : K6421-01
Misc : 5.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Dec 24 05:56:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

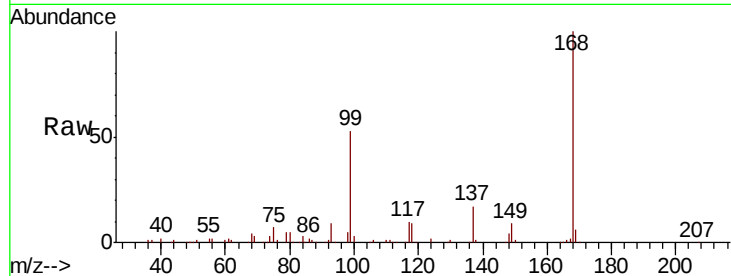
TP-2

Tot Ion:168 Resp: 375127

Ion Ratio Lower Upper

168 100

99 53.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

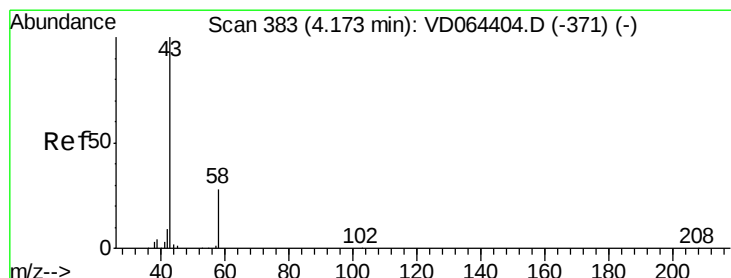
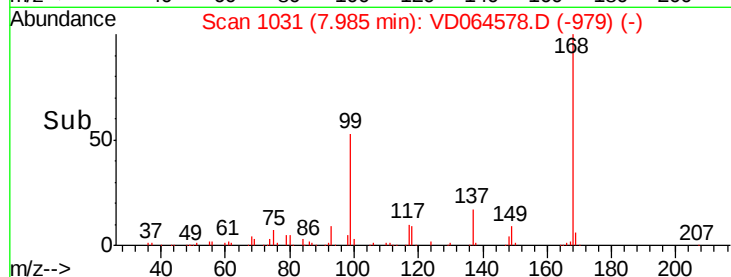
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.300 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064578.D

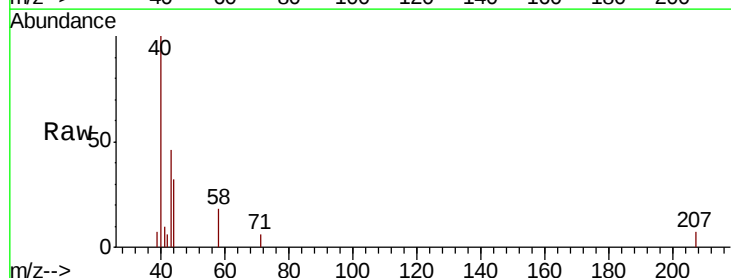
Acq: 23 Dec 2019 19:53

Tgt Ion: 43 Resp: 4323

Ion Ratio Lower Upper

43 100

58 38.1 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

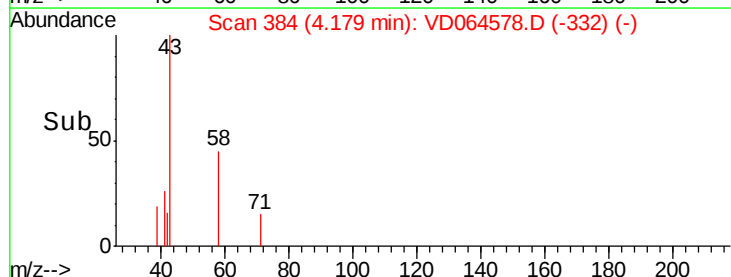
1500

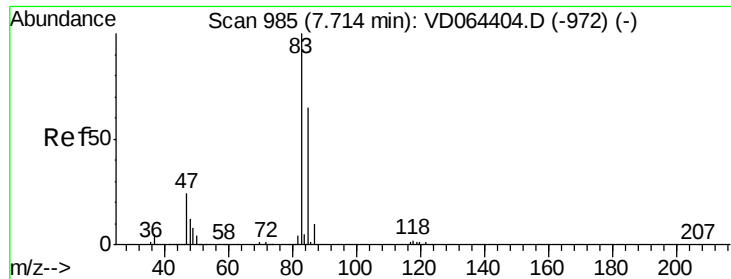
1000

500

0

Time-->

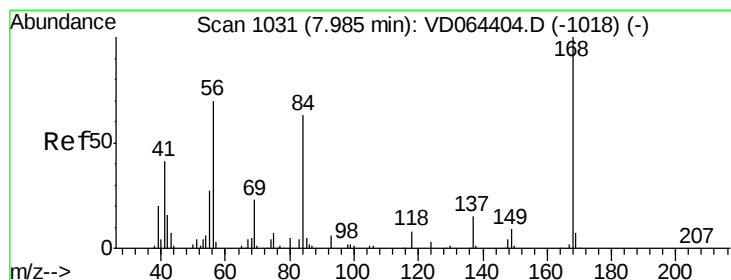
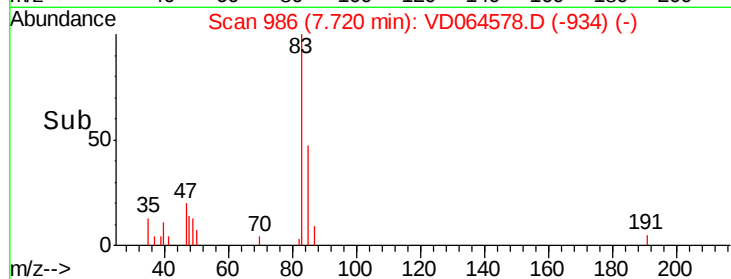
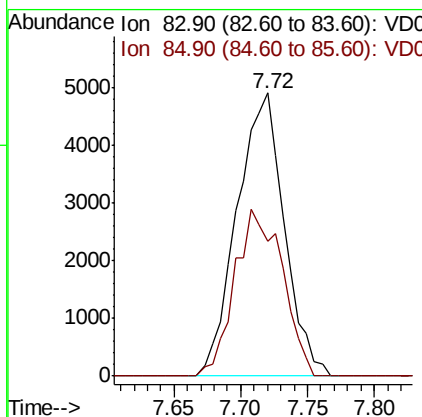
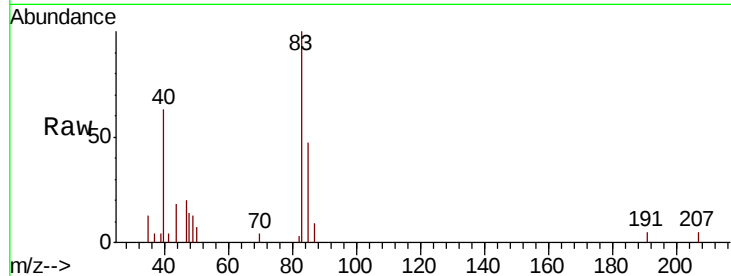




#30
Chloroform
Concen: 1.858 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064578.D
Acq: 23 Dec 2019 19:53

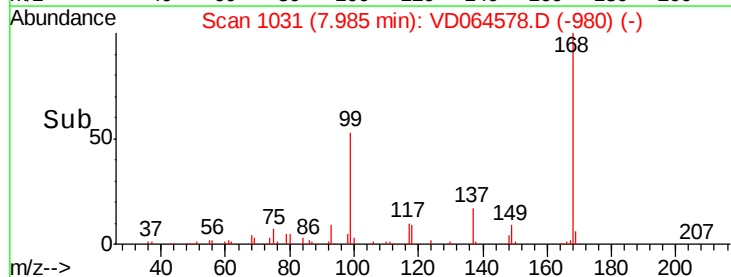
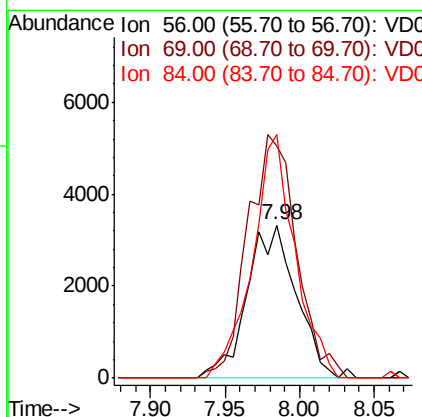
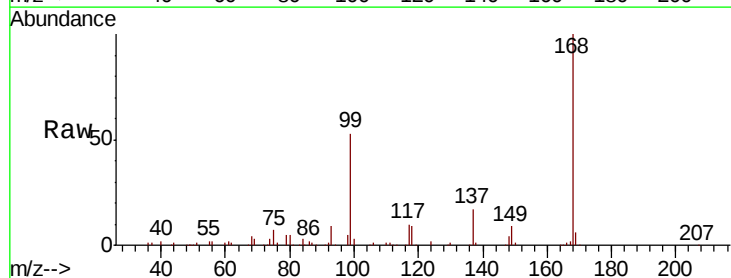
Instrument :
MSVOA_D
ClientSampled :
TP-2

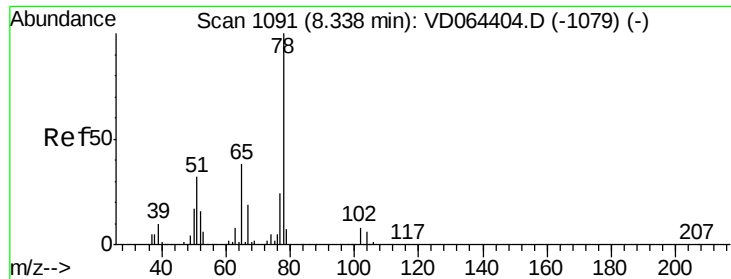
Tot Ion: 83 Resp: 12056
Ion Ratio Lower Upper
83 100
85 47.5 51.8 77.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064578.D
Acq: 23 Dec 2019 19:53

Tgt Ion: 56 Resp: 7582
Ion Ratio Lower Upper
56 100
69 151.2 26.2 39.4#
84 158.7 70.3 105.5#

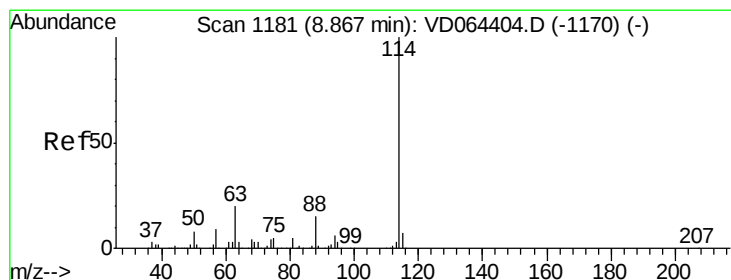
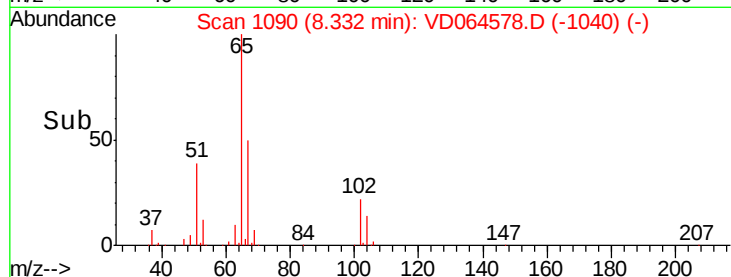
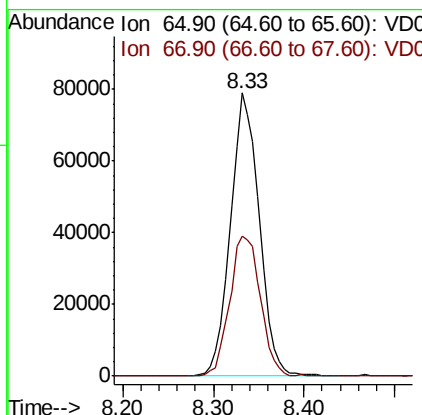
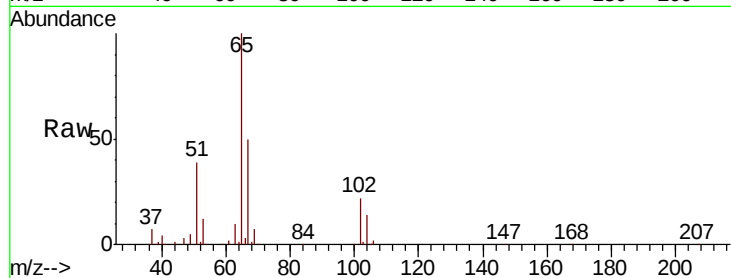




#33
 1,2-Dichloroethane-d4
 Concen: 51.322 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

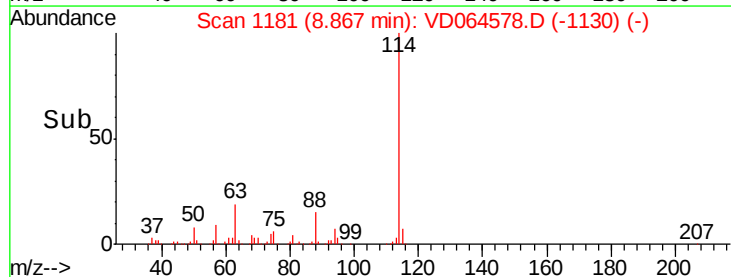
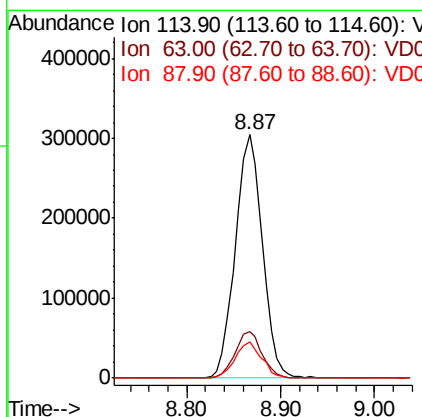
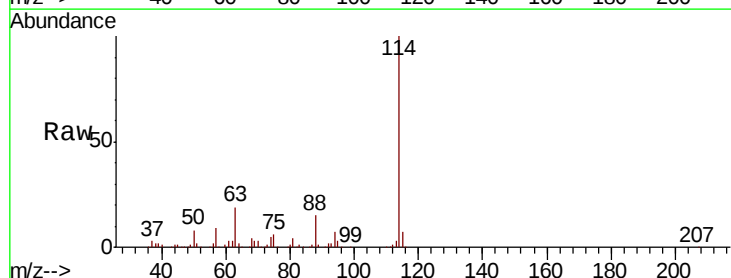
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

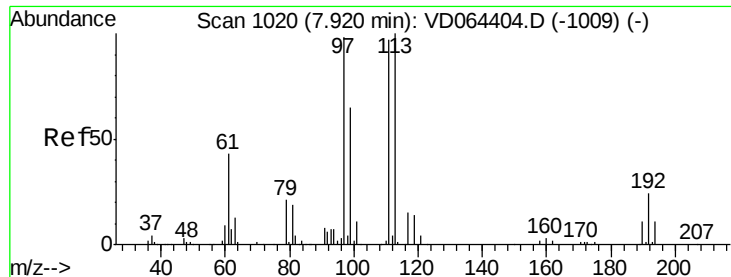
Tot Ion: 65 Resp: 174260
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

Tgt Ion: 114 Resp: 608585
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.7 0.0 29.2

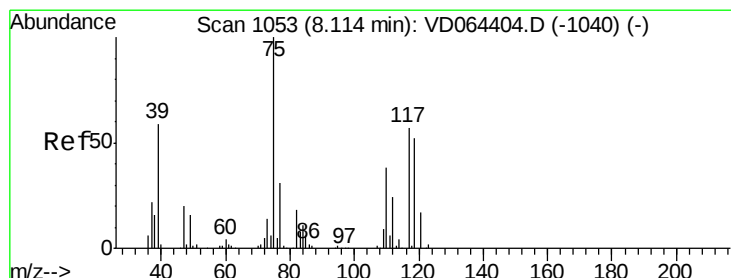
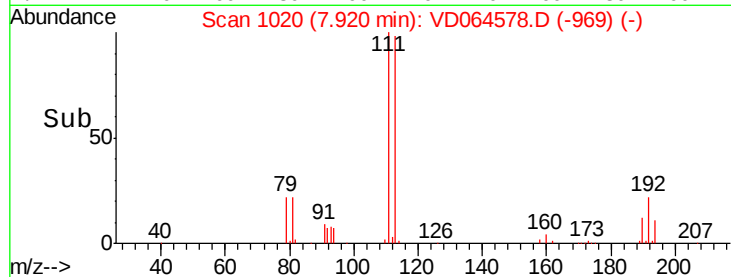
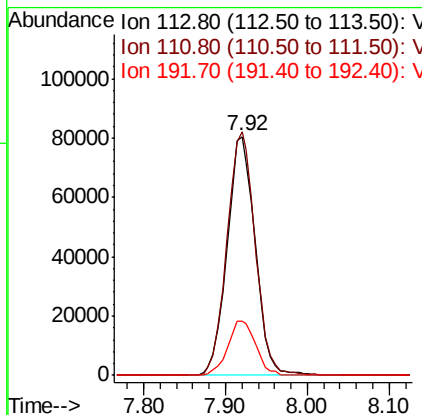
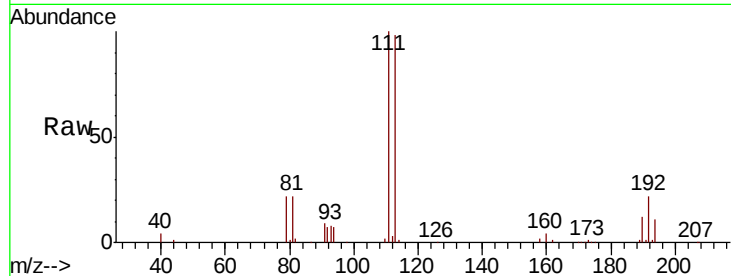




#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

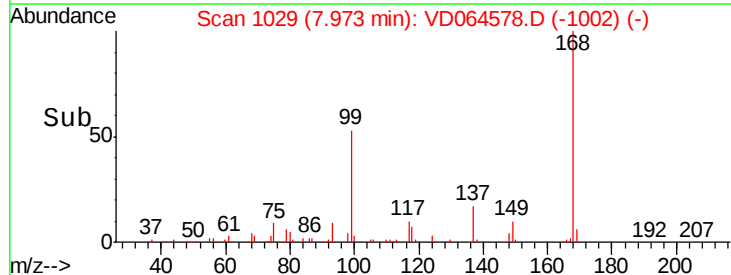
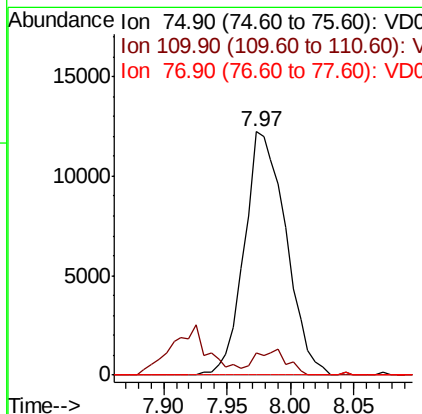
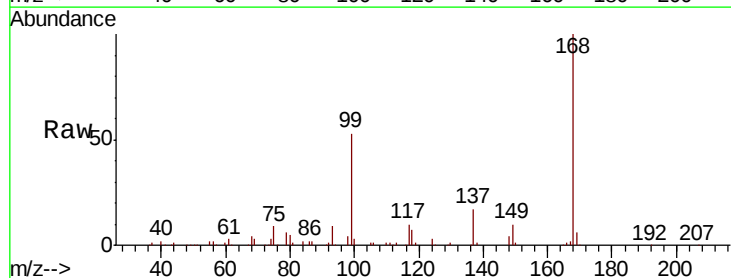
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

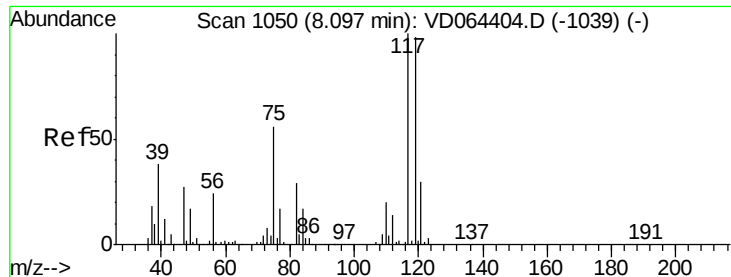
Tot Ion:113 Resp: 191578
 Ion Ratio Lower Upper
 113 100
 111 102.8 79.4 119.2
 192 22.6 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

Tgt Ion: 75 Resp: 27931
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.6 55.8#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.909 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampled :

TP-2

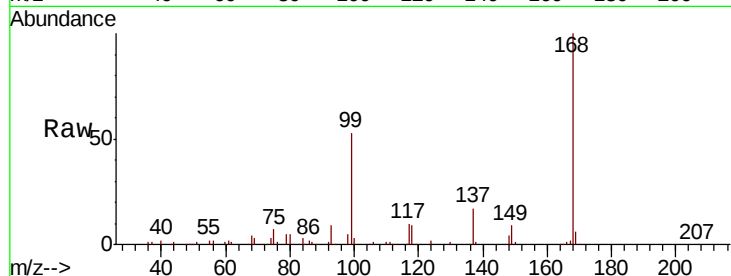
Tot Ion:117 Resp: 35900

Ion Ratio Lower Upper

117 100

119 4.5 78.8 118.2#

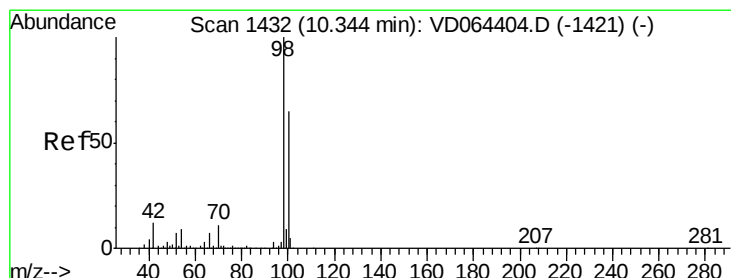
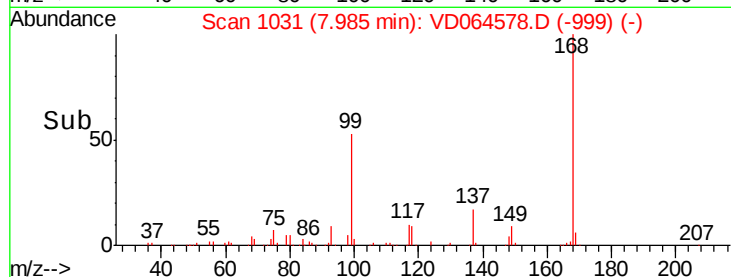
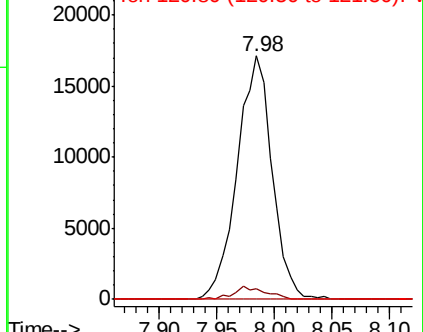
121 0.0 24.2 36.2#



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



#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064578.D

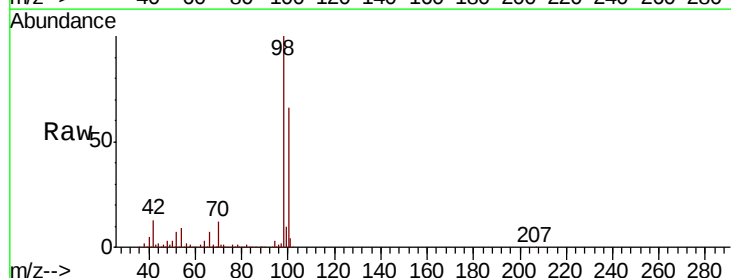
Acq: 23 Dec 2019 19:53

Tgt Ion: 98 Resp: 750631

Ion Ratio Lower Upper

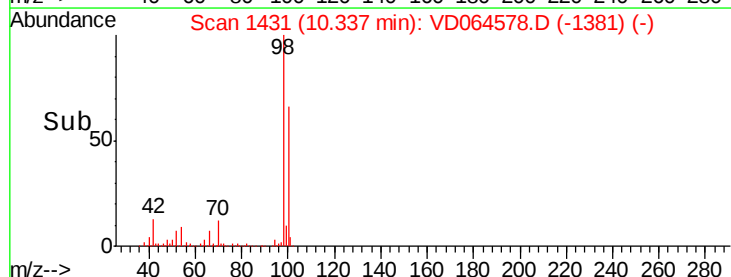
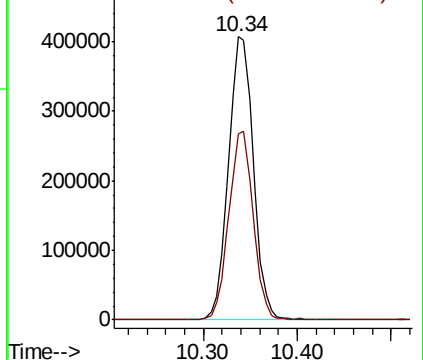
98 100

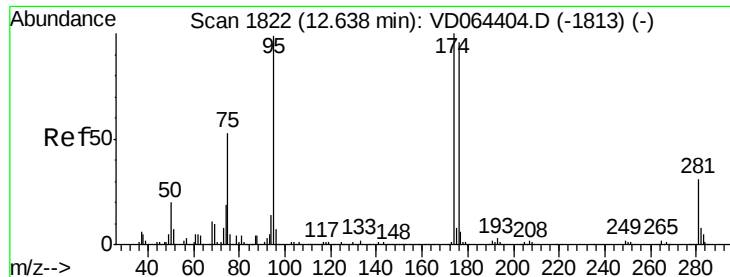
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

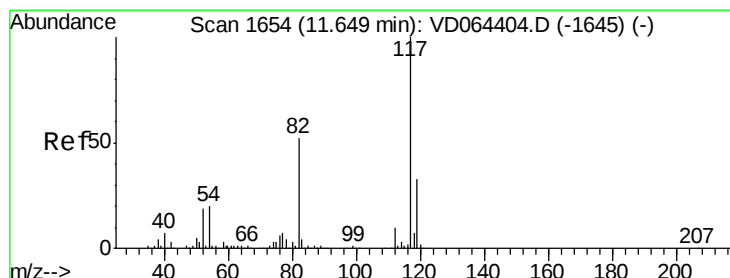
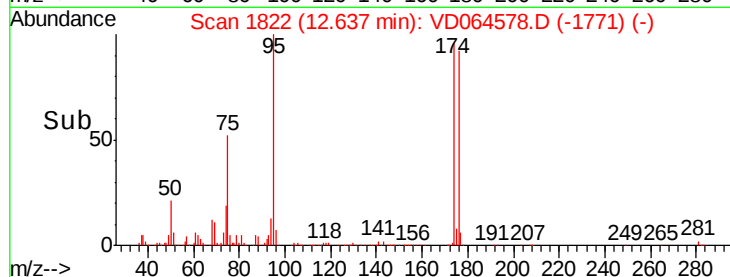
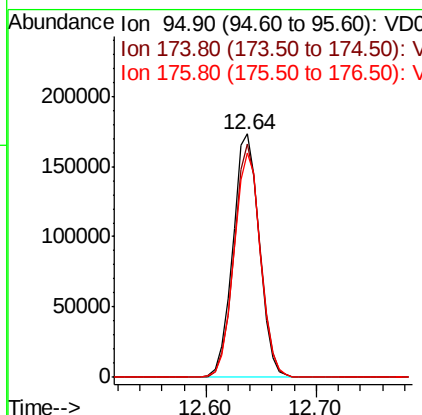
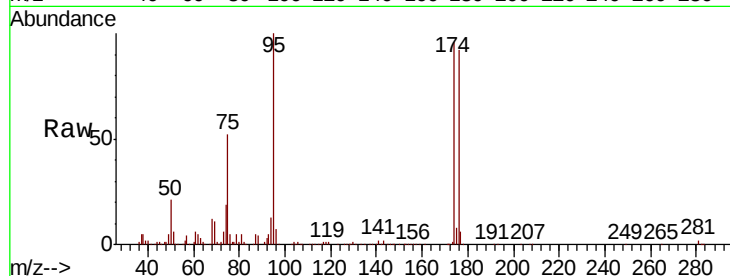




#62
4-Bromofluorobenzene
Concen: 62.684 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064578.D
Acq: 23 Dec 2019 19:53

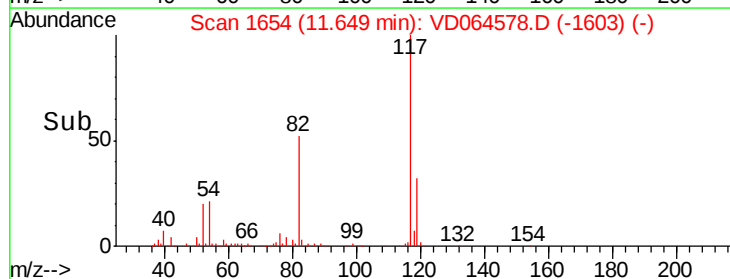
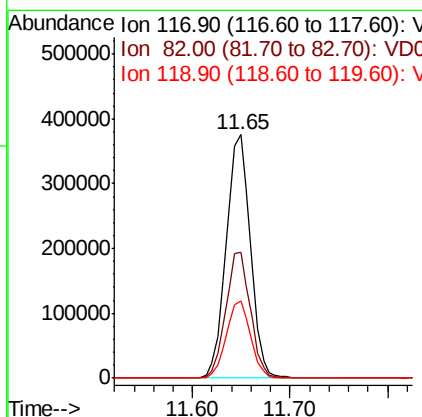
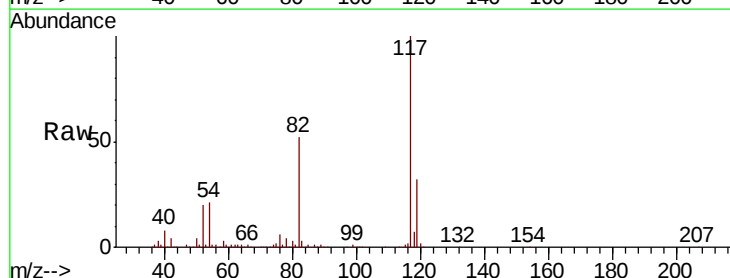
Instrument :
MSVOA_D
ClientSampleId :
TP-2

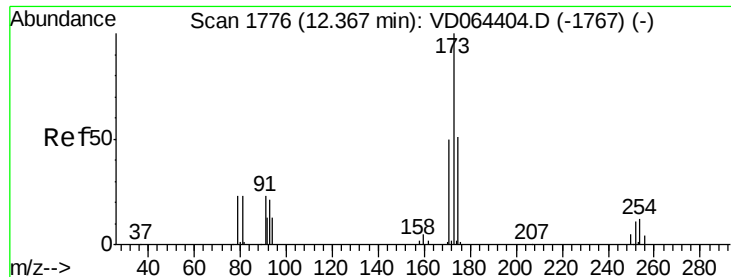
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	197.2
176	92.5	0.0	189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064578.D
Acq: 23 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.2
119	31.8	26.2	39.2





#71

Bromoform

Concen: 1.124 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

TP-2

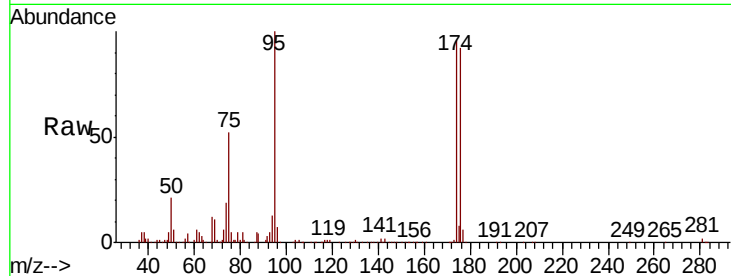
Tot Ion:173 Resp: 3360

Ion Ratio Lower Upper

173 100

175 519.4 25.3 75.8#

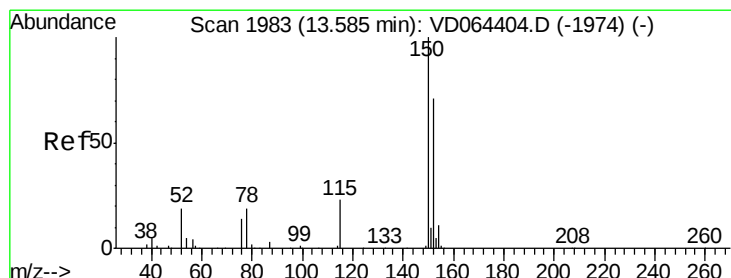
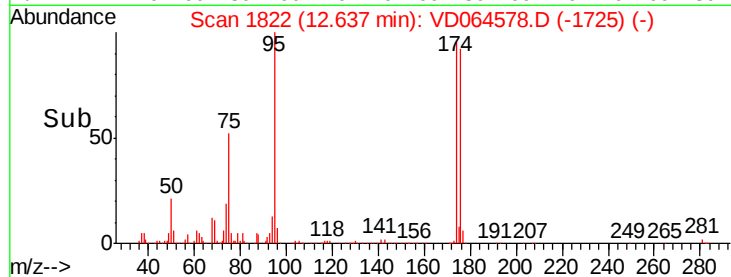
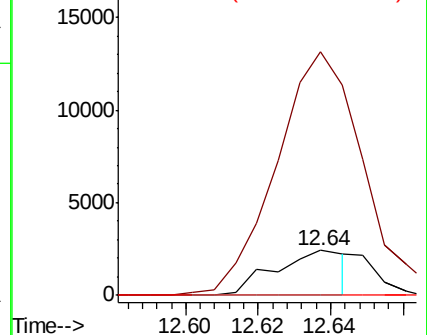
254 0.0 0.0 0.0



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# 1983

Delta R.T. -0.00 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

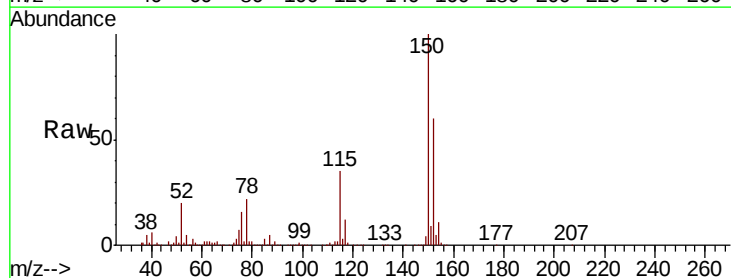
Tgt Ion:152 Resp: 332001

Ion Ratio Lower Upper

152 100

115 56.0 26.7 80.1

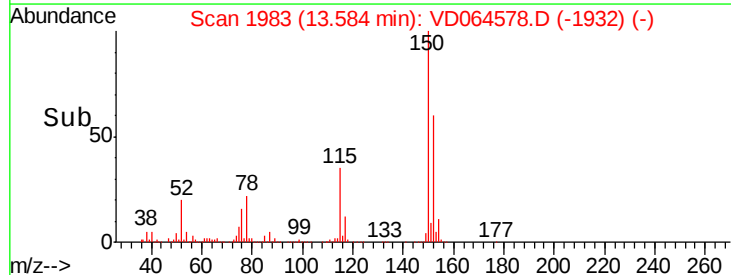
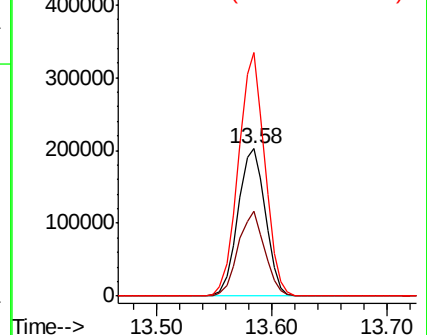
150 158.9 0.0 347.2

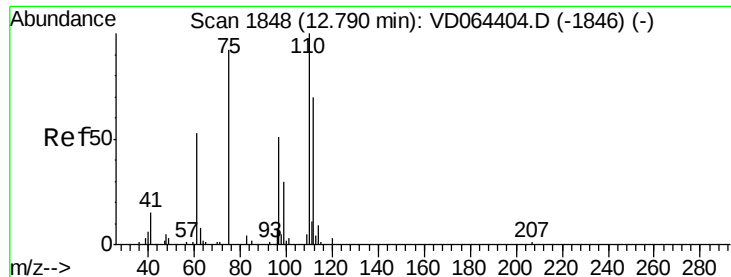


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.779 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampled :

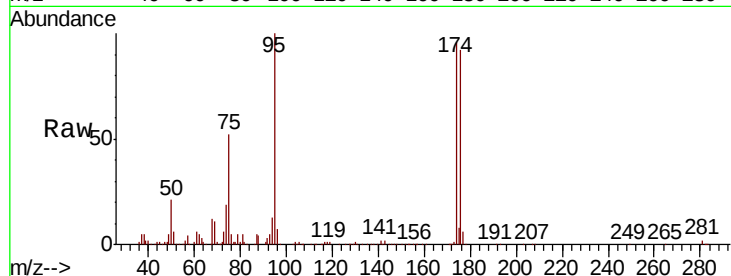
TP-2

Tot Ion: 75 Resp: 152292

Ion Ratio Lower Upper

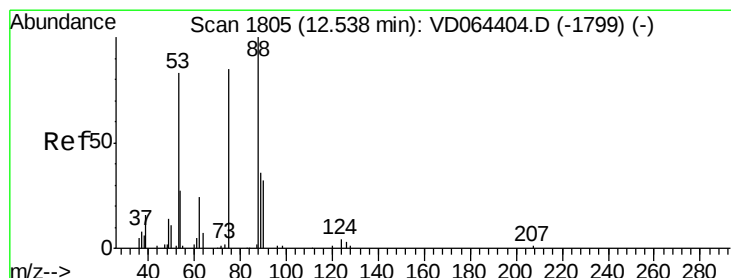
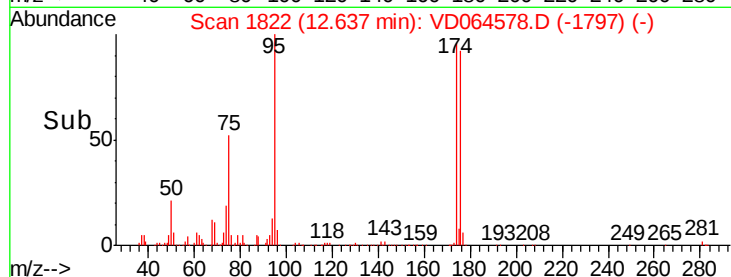
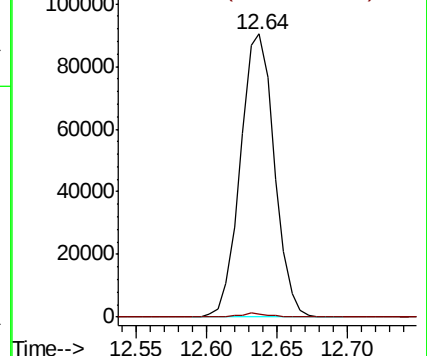
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 121.628 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

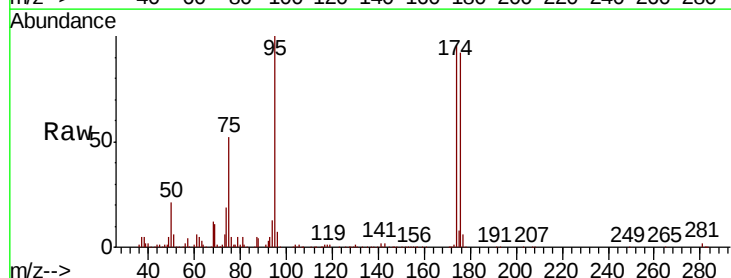
Tgt Ion: 75 Resp: 152292

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

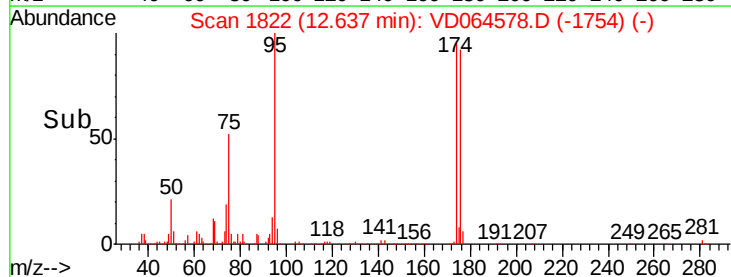
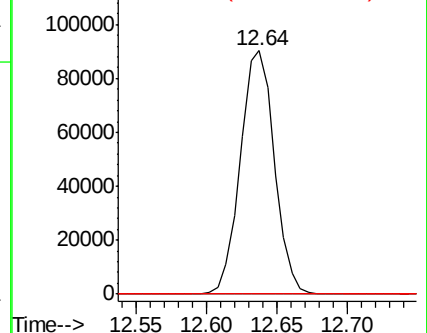
89 0.0 38.5 57.7#

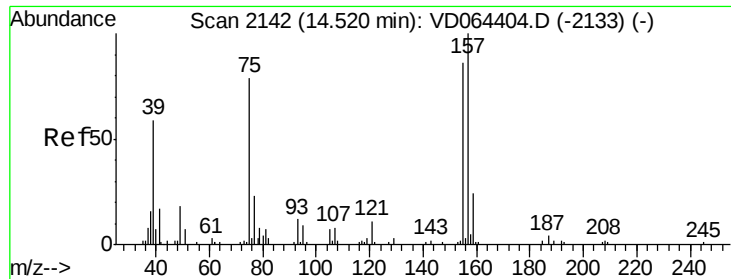


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.44 min Scan# 2128

Delta R.T. -0.08 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

TP-2

Tot Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 75.9 63.2 189.8

