

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064556.D
 Acq On : 17 Dec 2019 20:26
 Operator : VA/SY
 Sample : K6357-13
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-H

Quant Time: Dec 18 00:50:18 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	249966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	402193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211325	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	129365	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
35) Dibromofluoromethane	7.92	113	124186	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.34	98	457458	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.64	95	179345	61.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.16%	

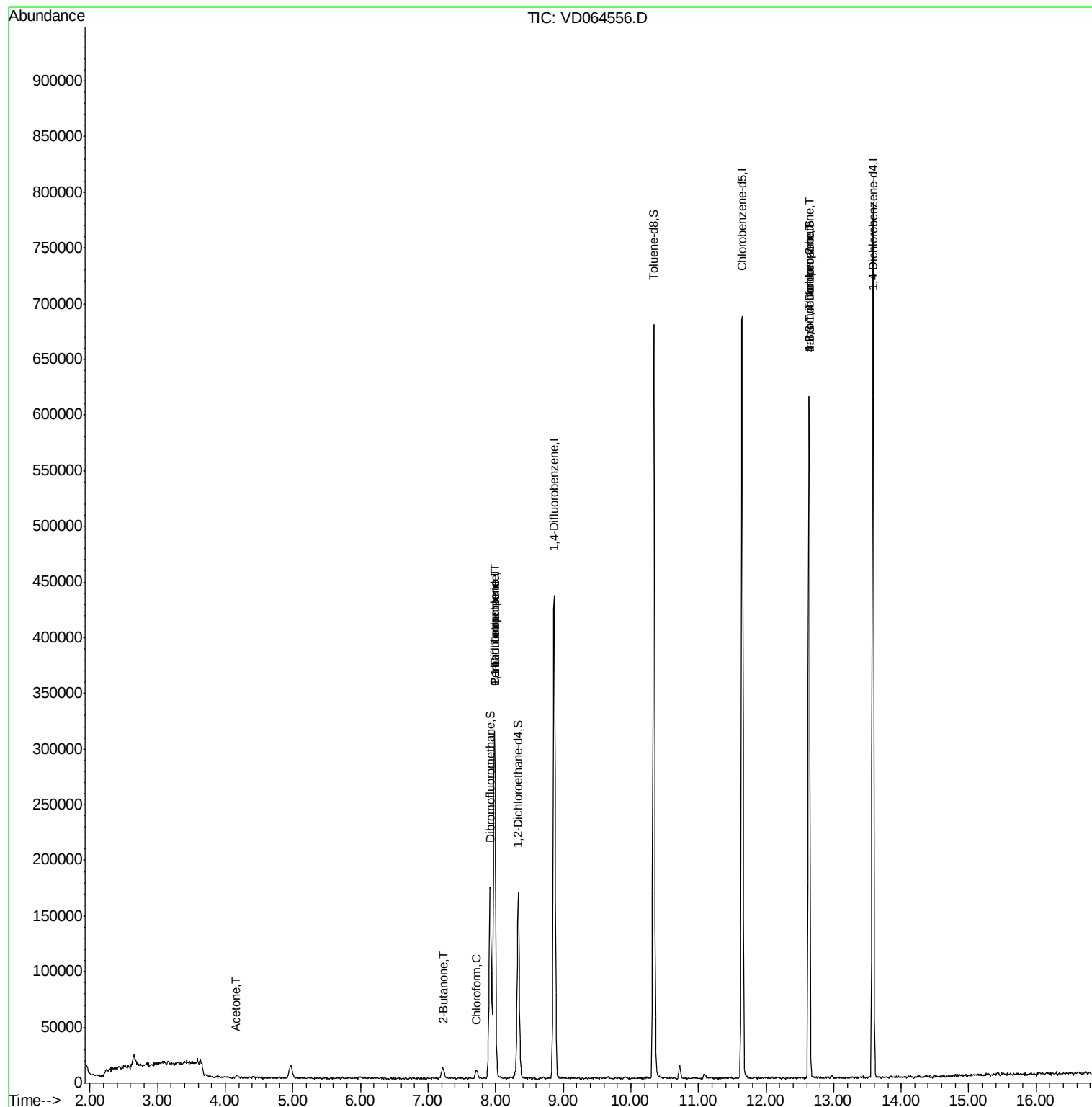
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	3316	7.253	ug/l	90
20) Methylene Chloride	4.96	84	9059	Below Cal	#	78
25) 2-Butanone	7.23	43	796	1.231	ug/l #	49
30) Chloroform	7.71	83	7314	1.692	ug/l	97
31) Cyclohexane	7.98	56	5253	Below Cal	#	28
36) 1,1-Dichloropropene	7.98	75	17782	4.923	ug/l #	50
38) Carbon Tetrachloride	7.98	117	23830	6.251	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	94233	54.223	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	94233	118.235	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.38	75	68	Below Cal	#	1

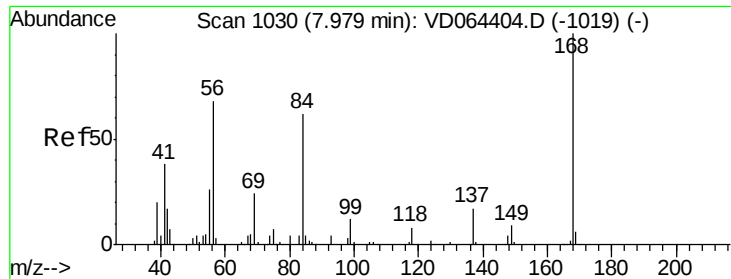
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064556.D
Acq On : 17 Dec 2019 20:26
Operator : VA/SY
Sample : K6357-13
Misc : 5.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PF-H

Quant Time: Dec 18 00:50:18 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: VD064556.D

Acq: 17 Dec 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

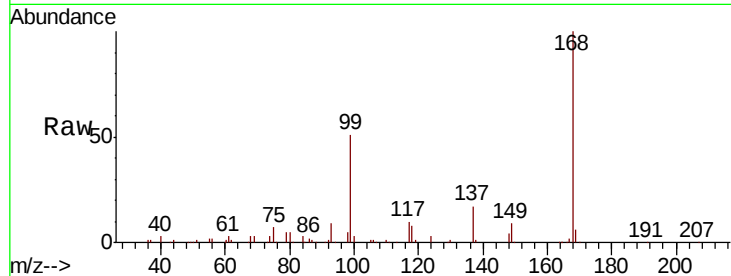
PF-H

Tgt Ion:168 Resp: 249966

Ion Ratio Lower Upper

168 100

99 50.6 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

120000

100000

80000

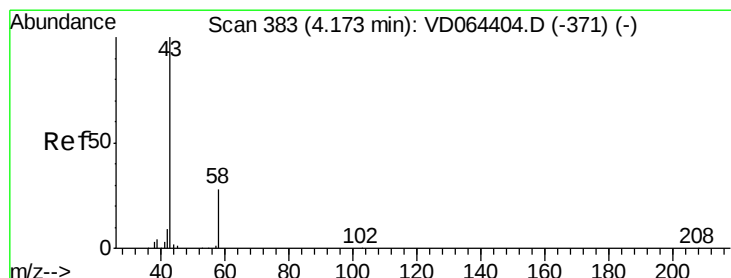
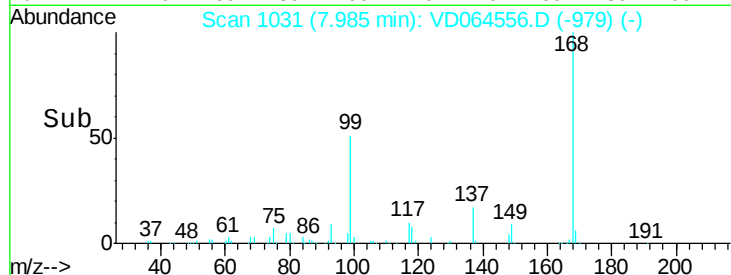
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.253 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064556.D

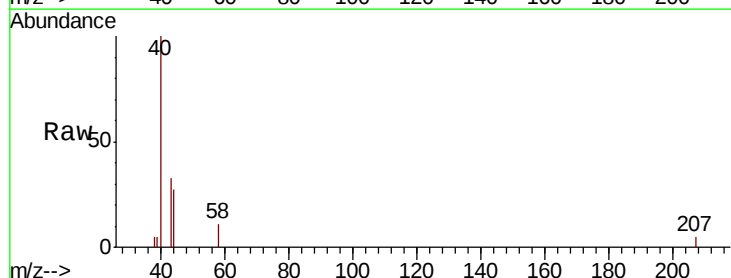
Acq: 17 Dec 2019 20:26

Tgt Ion: 43 Resp: 3316

Ion Ratio Lower Upper

43 100

58 33.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

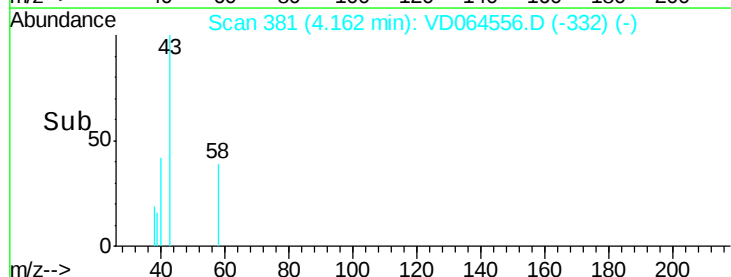
4.16

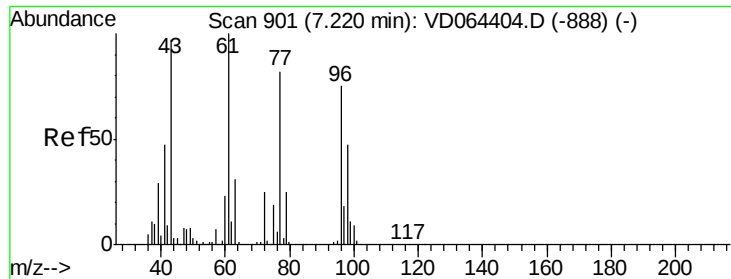
1000

500

0

Time-->





#25

2-Butanone

Concen: 1.231 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064556.D

Acq: 17 Dec 2019 20:26

Instrument :

MSVOA_D

ClientSampled :

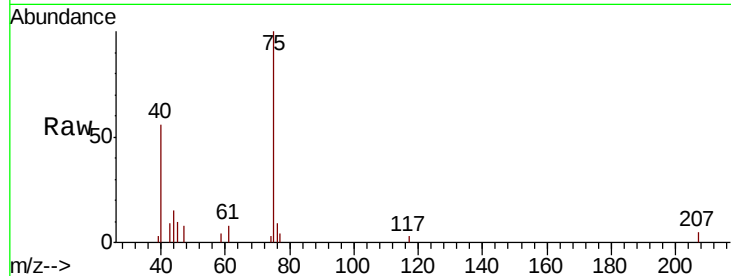
PF-H

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

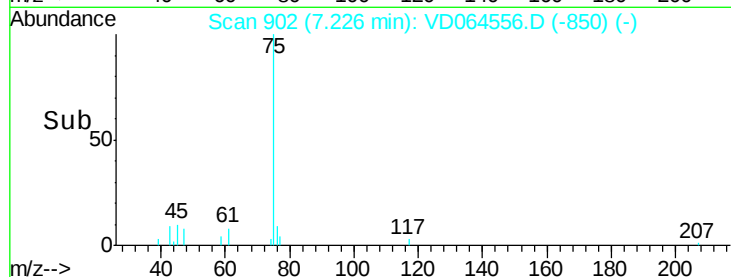
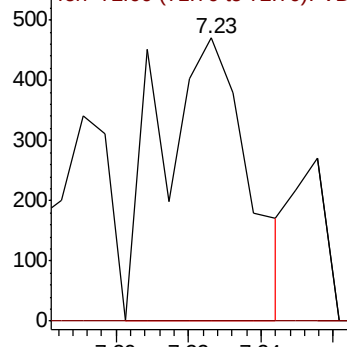
43 100

72 0.0 21.0 31.4#

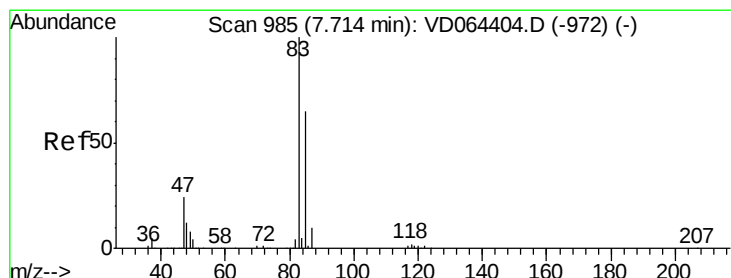


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#30

Chloroform

Concen: 1.692 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064556.D

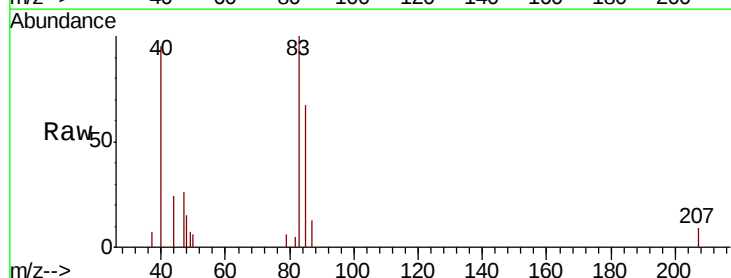
Acq: 17 Dec 2019 20:26

Tgt Ion: 83 Resp: 7314

Ion Ratio Lower Upper

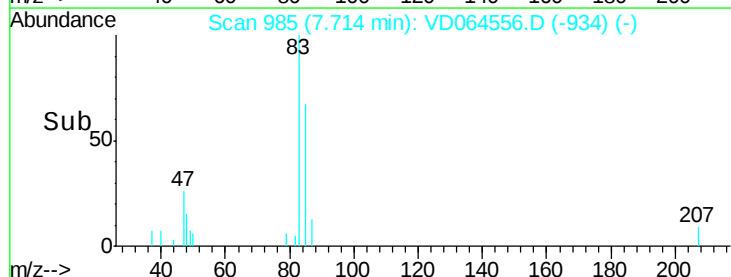
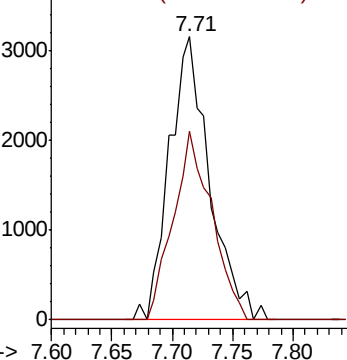
83 100

85 66.7 51.8 77.6

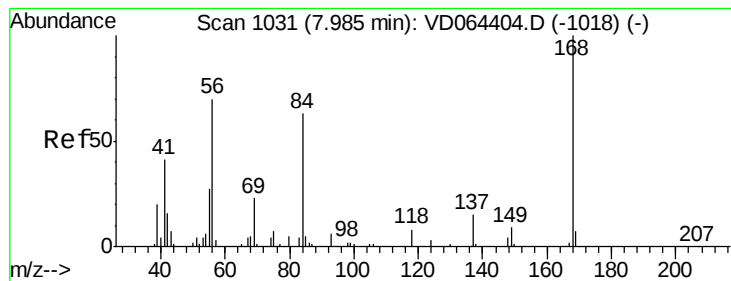


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064556.D

Acq: 17 Dec 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

PF-H

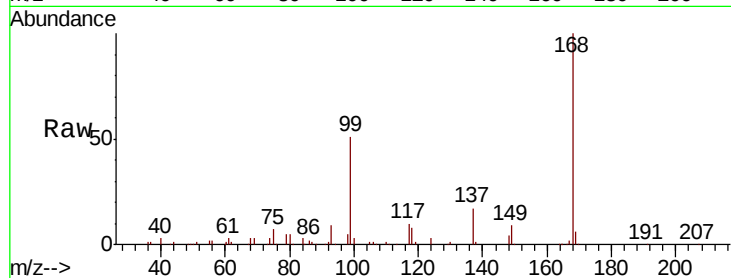
Tgt Ion: 56 Resp: 5253

Ion Ratio Lower Upper

56 100

69 128.5 26.2 39.4#

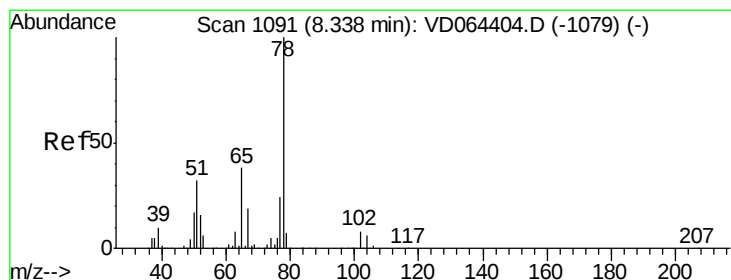
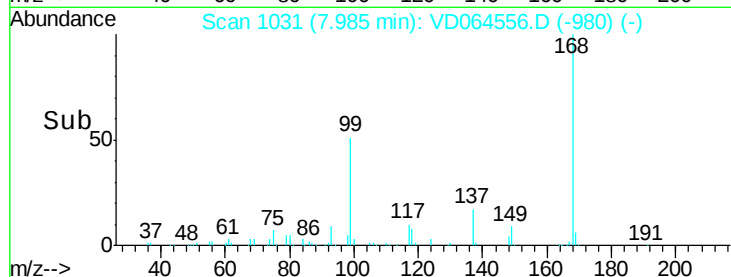
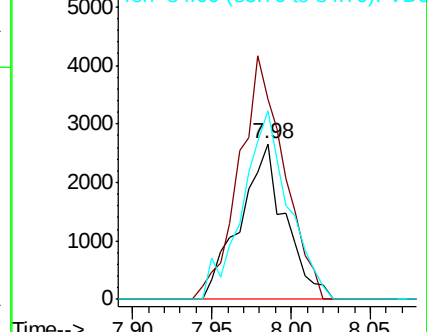
84 121.0 70.3 105.5#



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: 57.176 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064556.D

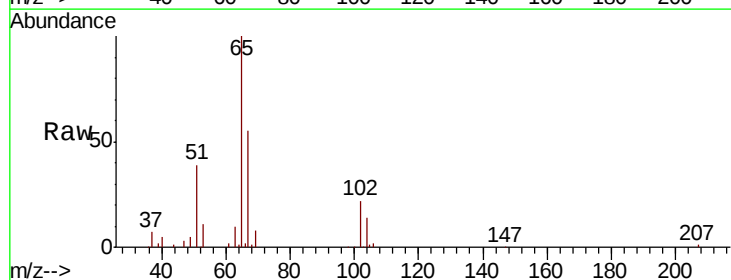
Acq: 17 Dec 2019 20:26

Tgt Ion: 65 Resp: 129365

Ion Ratio Lower Upper

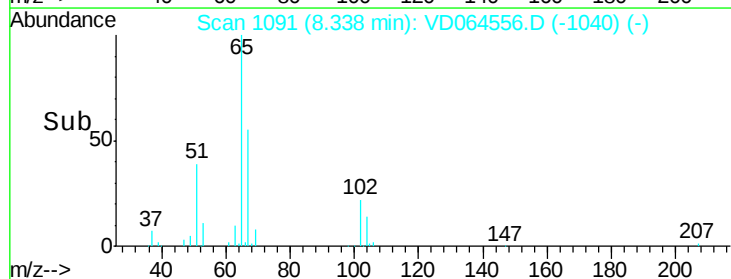
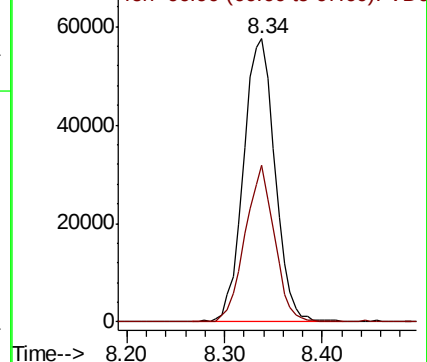
65 100

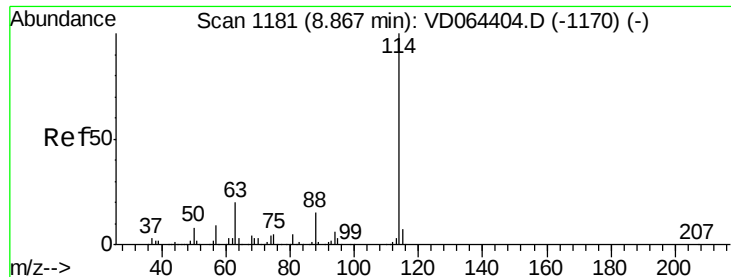
67 51.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

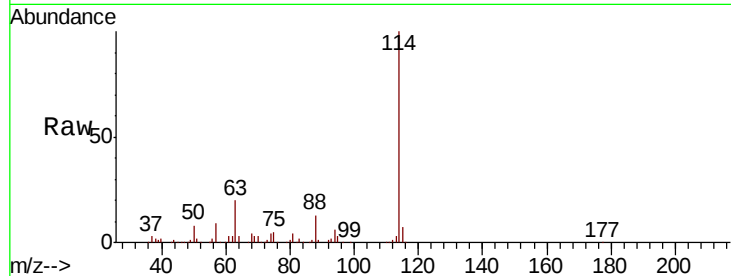




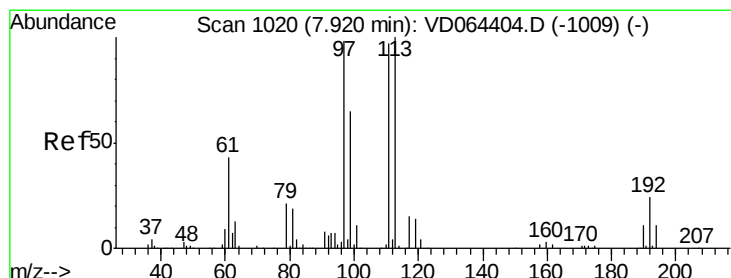
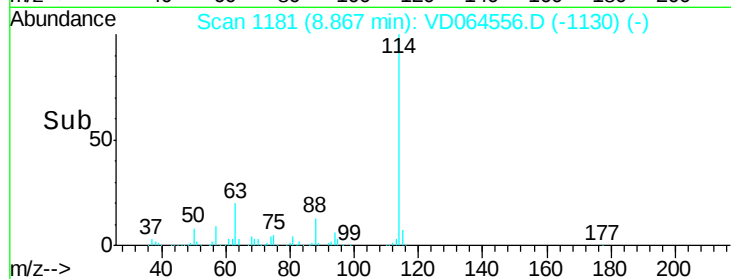
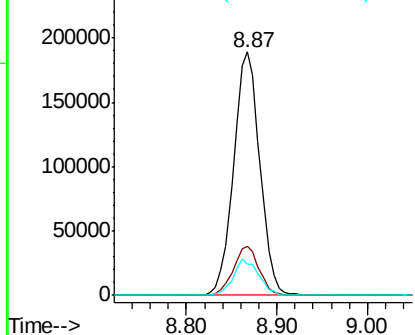
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064556.D
 Acq: 17 Dec 2019 20:26

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-H

Tgt Ion:114 Resp: 381861
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 13.0 0.0 29.2

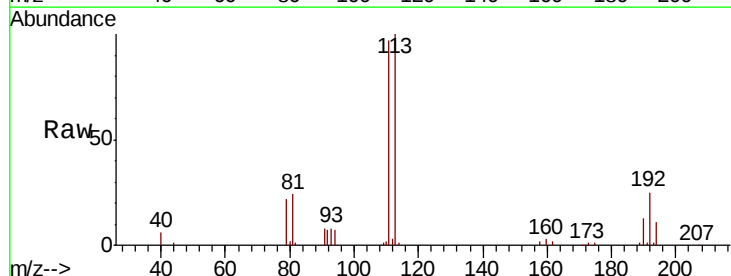


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

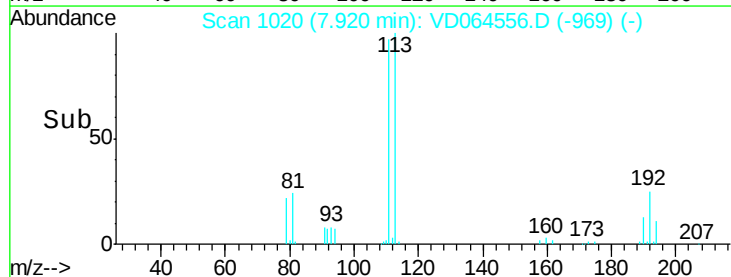
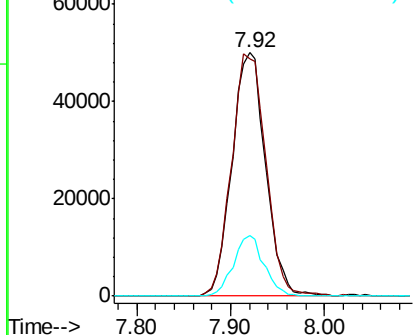


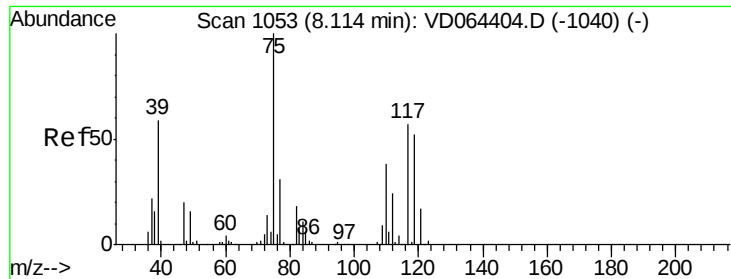
#35
 Dibromofluoromethane
 Concen: 51.617 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064556.D
 Acq: 17 Dec 2019 20:26

Tgt Ion:113 Resp: 124186
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.4 119.2
 192 22.5 18.6 28.0



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

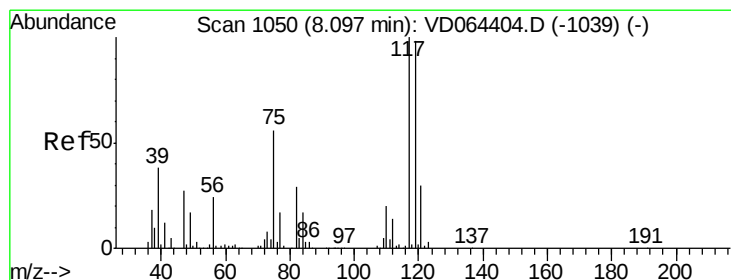
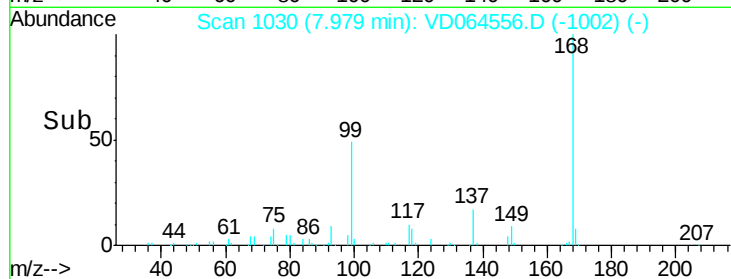
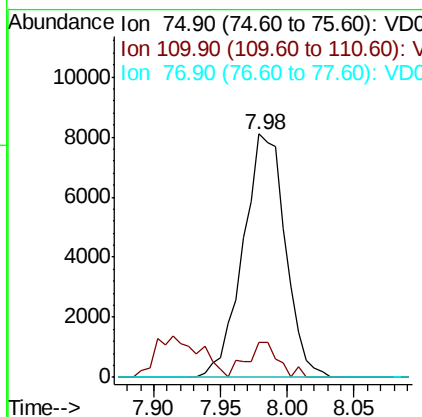
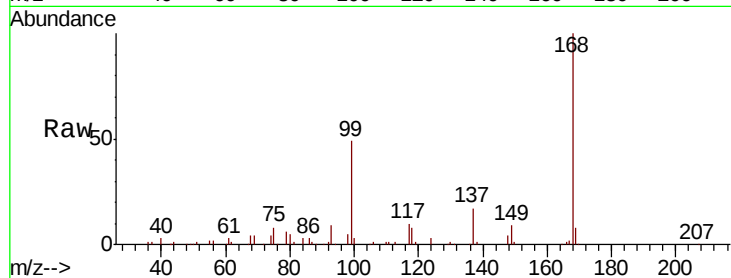




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064556.D
 Acq: 17 Dec 2019 20:26

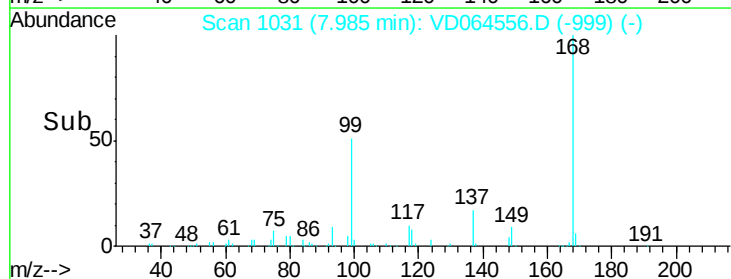
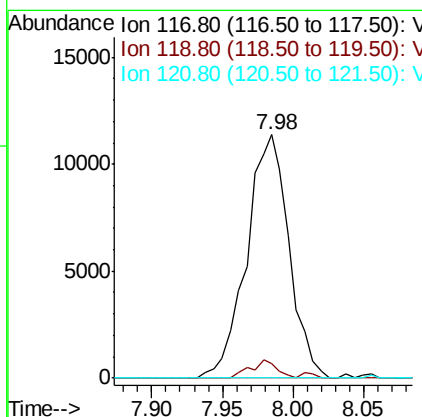
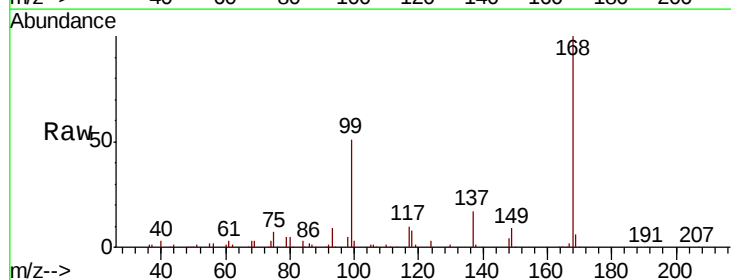
Instrument :
 MSVOA_D
 ClientSampleID :
 PF-H

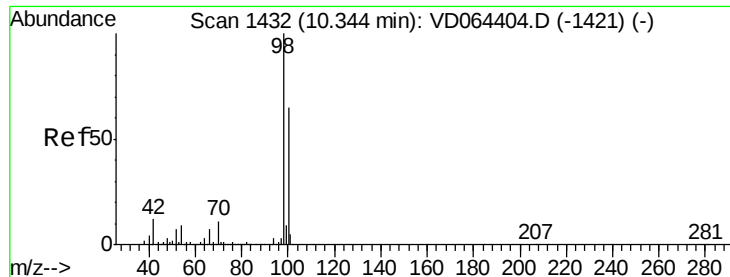
Tgt Ion: 75 Resp: 17782
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.251 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064556.D
 Acq: 17 Dec 2019 20:26

Tgt Ion: 117 Resp: 23830
 Ion Ratio Lower Upper
 117 100
 119 5.9 78.8 118.2#
 121 0.0 24.2 36.2#

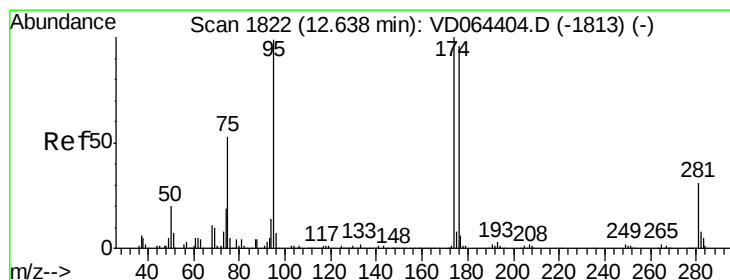
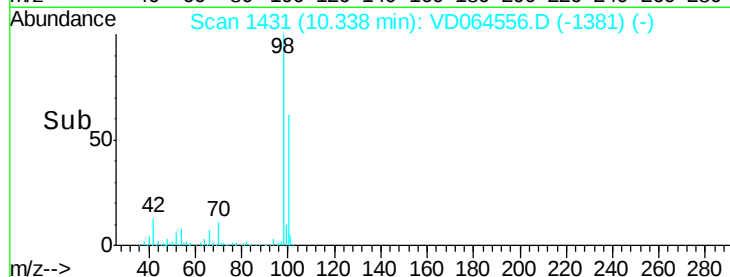
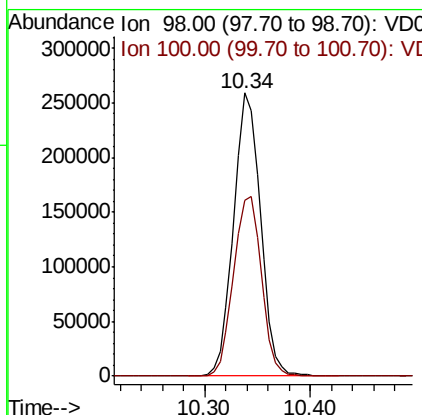
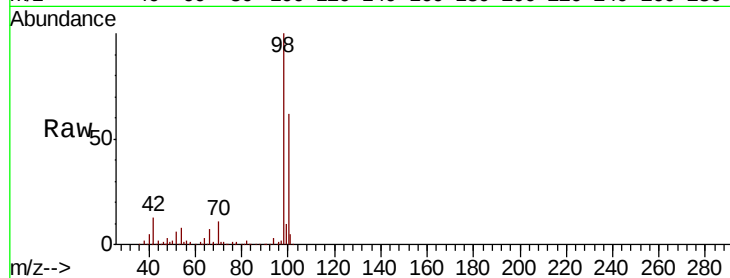




#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064556.D
Acq: 17 Dec 2019 20:26

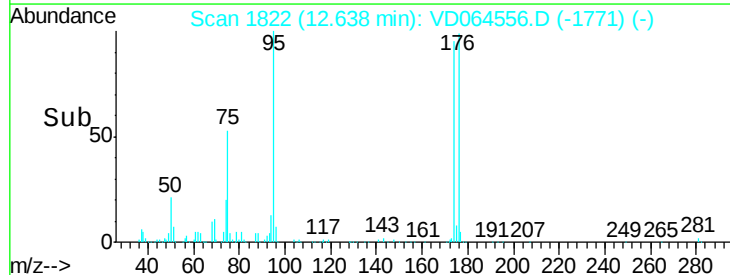
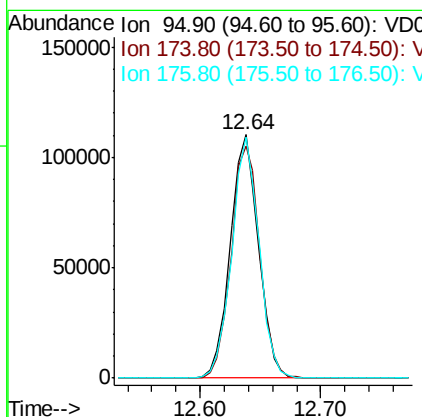
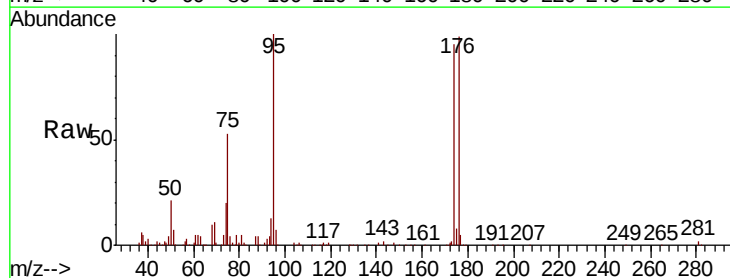
Instrument :
MSVOA_D
ClientSampled :
PF-H

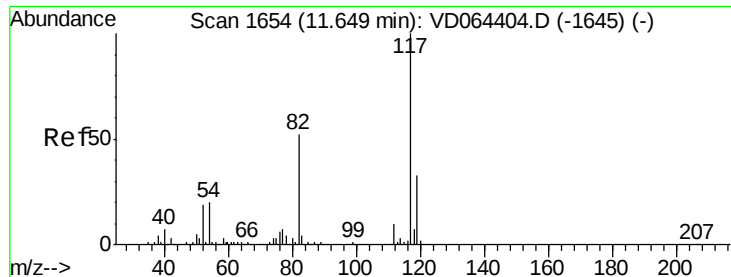
Tgt Ion: 98 Resp: 457458
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 61.577 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064556.D
Acq: 17 Dec 2019 20:26

Tgt Ion: 95 Resp: 179345
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.2
176 95.5 0.0 189.6

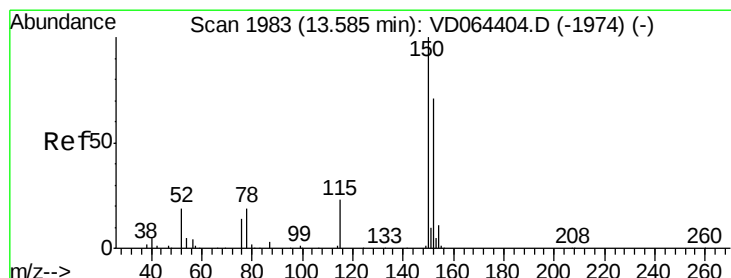
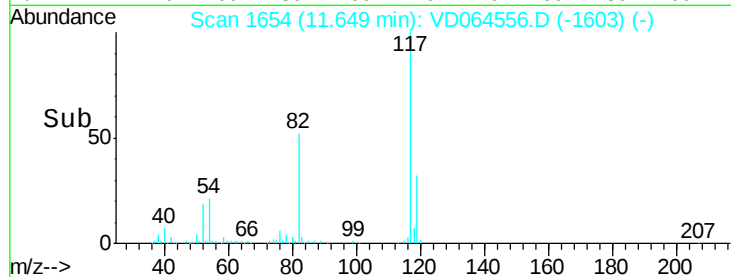
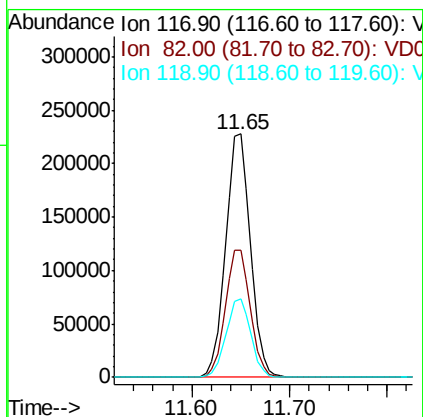
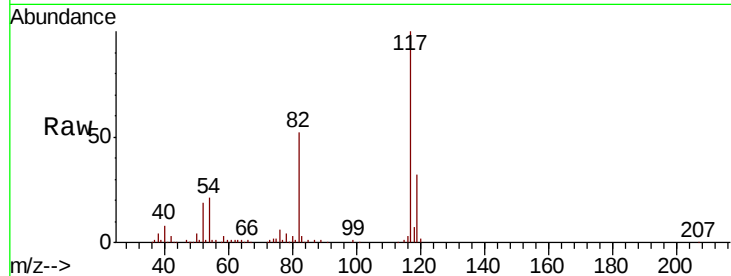




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064556.D
Acq: 17 Dec 2019 20:26

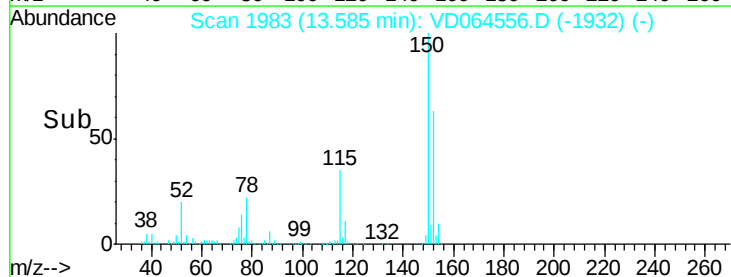
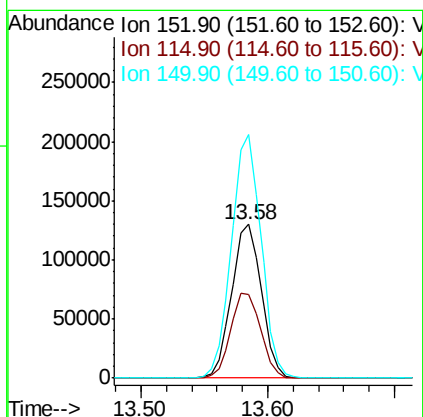
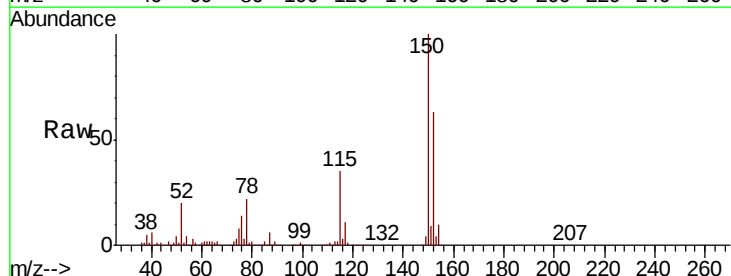
Instrument :
MSVOA_D
ClientSampleId :
PF-H

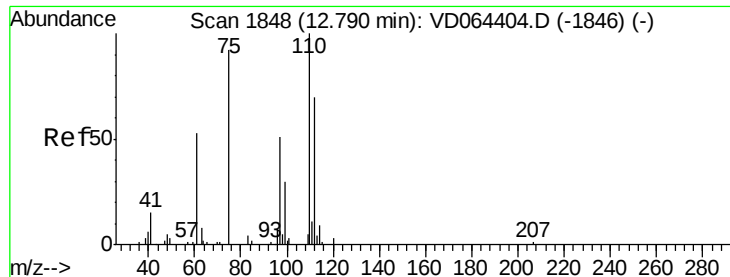
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.4	62.2
119	32.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064556.D
Acq: 17 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	26.7	80.1
150	157.4	0.0	347.2





#76

1,2,3-Trichloropropane

Concen: 54.223 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064556.D

Acq: 17 Dec 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

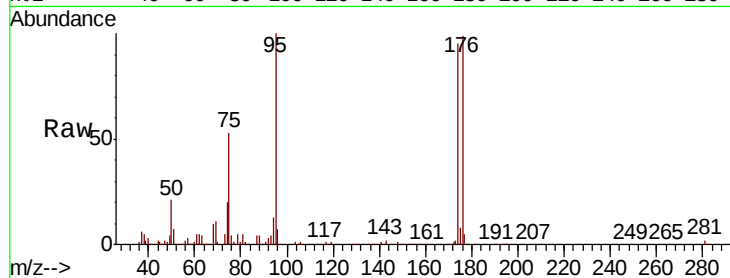
PF-H

Tgt Ion: 75 Resp: 94233

Ion Ratio Lower Upper

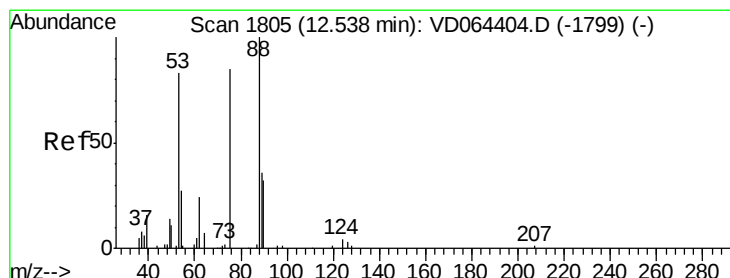
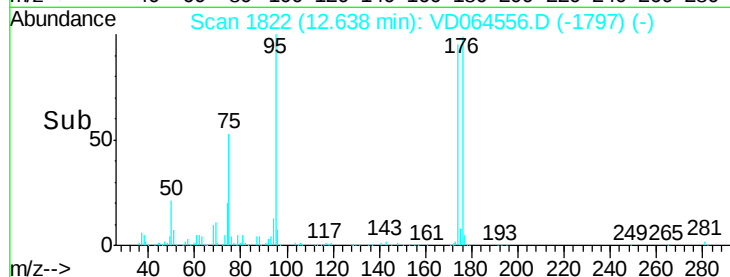
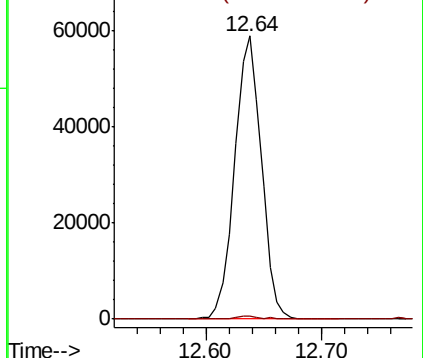
75 100

77 1.1 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: 118.235 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064556.D

Acq: 17 Dec 2019 20:26

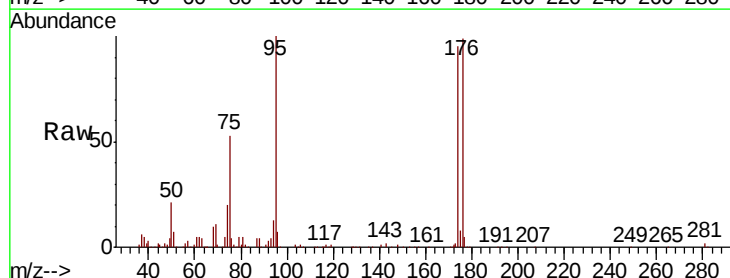
Tgt Ion: 75 Resp: 94233

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

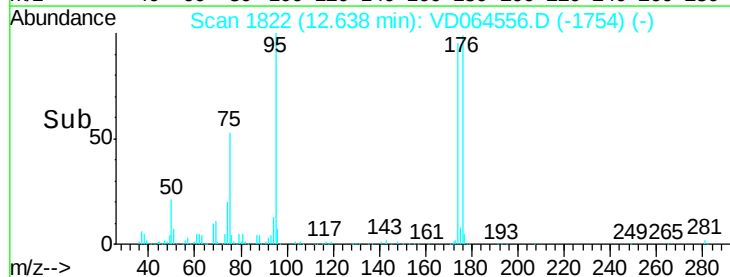
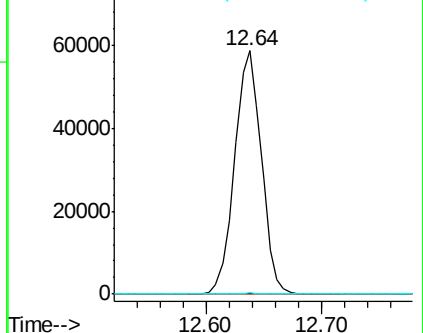
89 0.1 38.5 57.7#

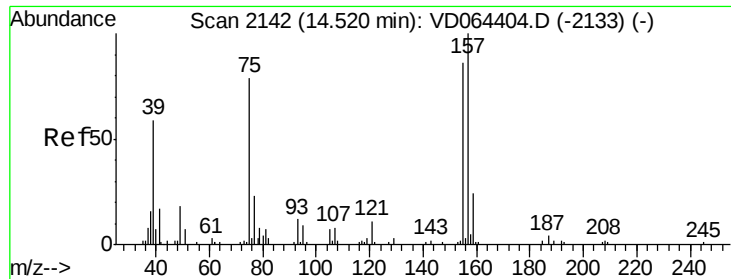


Abundance Ion 74.90 (74.60 to 75.60): VDC

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: 14.38 min Scan# 2118

Delta R.T. -0.14 min

Lab File: VD064556.D

Acq: 17 Dec 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

PF-H

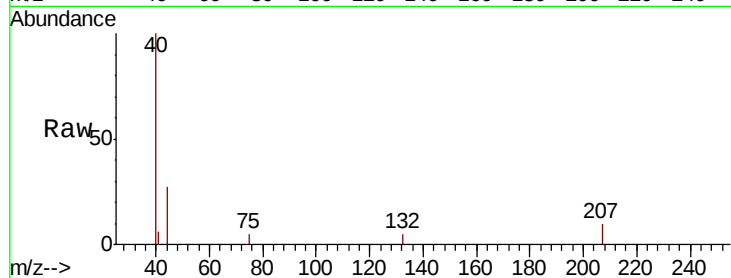
Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

