

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064548.D
 Acq On : 17 Dec 2019 16:36
 Operator : VA/SY
 Sample : K6360-01
 Misc : 8.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1FT-TP

Quant Time: Dec 18 00:49:02 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

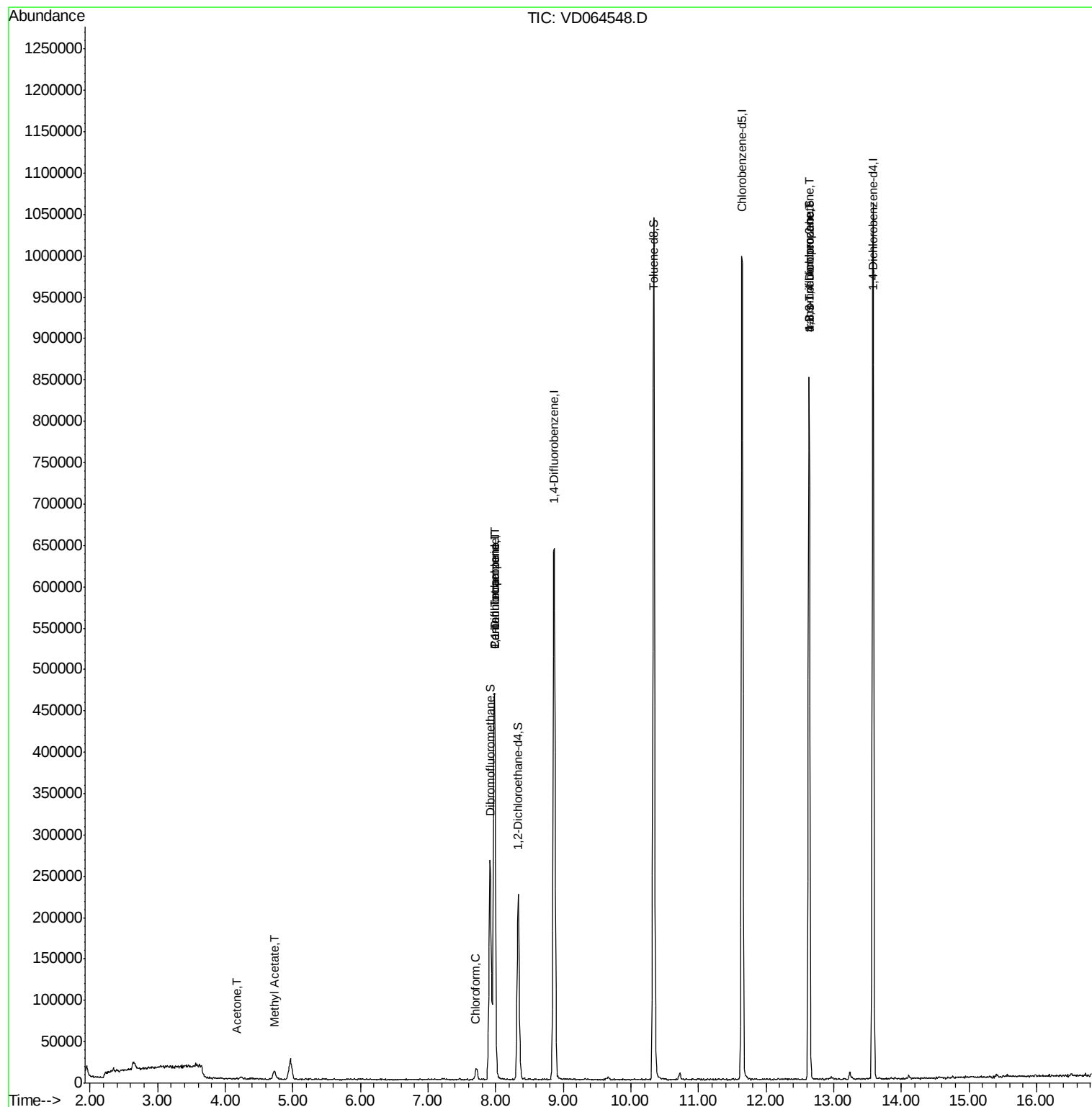
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	377629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	587813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	586899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	176351	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	7.92	113	181693	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.34	98	707316	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.64	95	255848	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.14%	
Target Compounds						
16) Acetone	4.17	43	1307	1.892	ug/l #	47
18) Methyl Acetate	4.73	43	20370	10.110	ug/l	95
30) Chloroform	7.71	83	12420	1.902	ug/l	95
31) Cyclohexane	7.98	56	8020	Below Cal	#	11
36) 1,1-Dichloropropene	7.98	75	27020	4.860	ug/l #	48
38) Carbon Tetrachloride	7.98	117	34382	5.859	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	135456	56.569	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	135456	123.350	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55	Below Cal	#	1

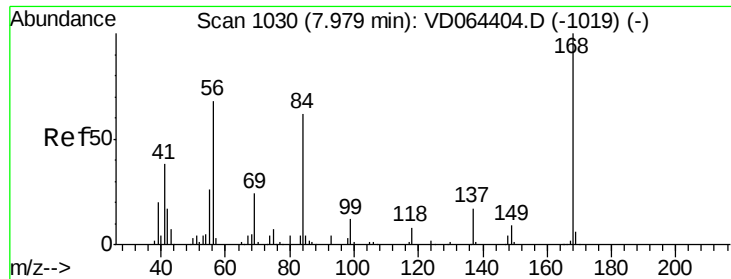
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064548.D
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Misc : 8.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1FT-TP

Quant Time: Dec 18 00:49:02 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# 1030

Delta R.T. -0.00 min

Lab File: VD064548.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

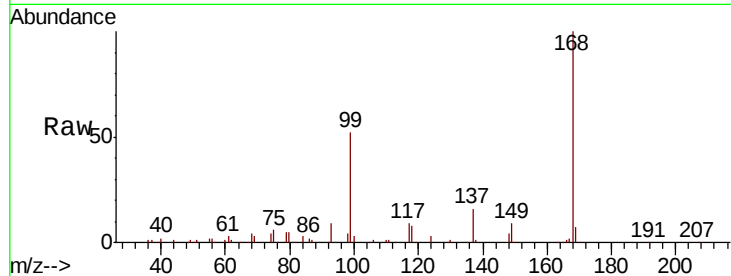
1FT-TP

Tgt Ion:168 Resp: 377629

Ion Ratio Lower Upper

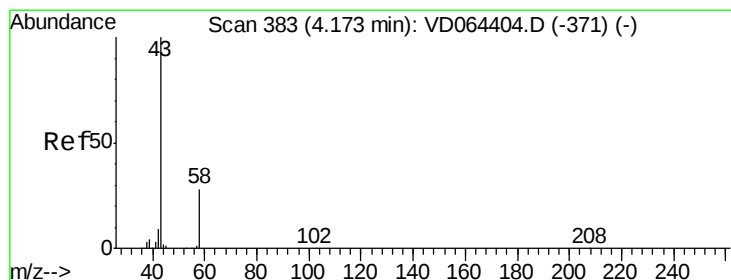
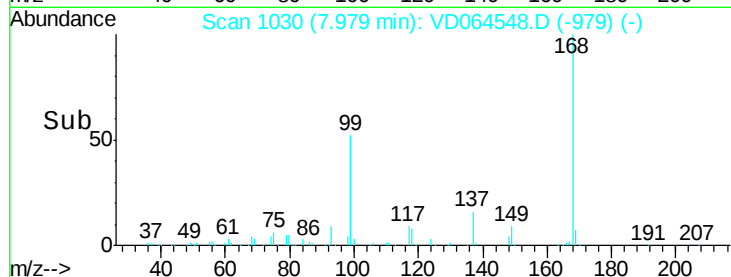
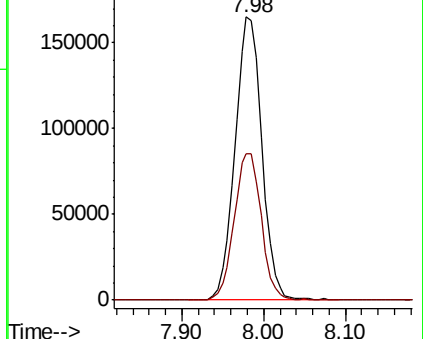
168 100

99 51.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.892 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064548.D

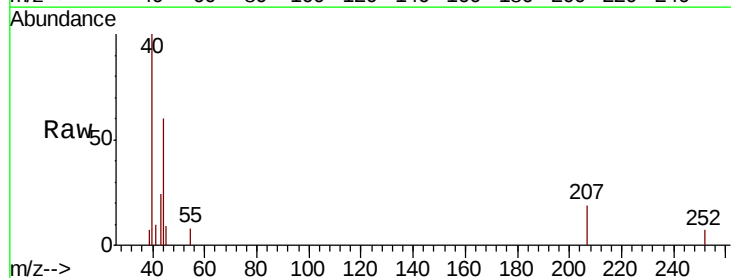
Acq: 17 Dec 2019 16:36

Tgt Ion: 43 Resp: 1307

Ion Ratio Lower Upper

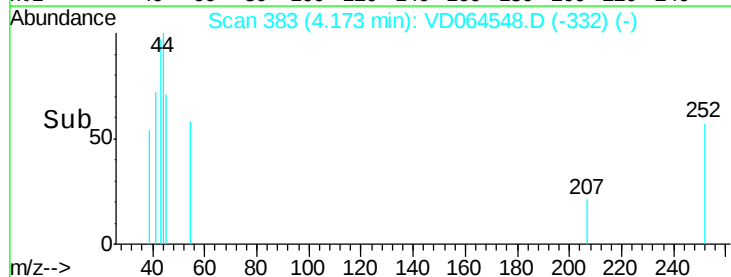
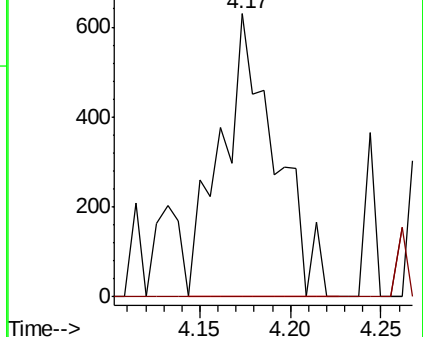
43 100

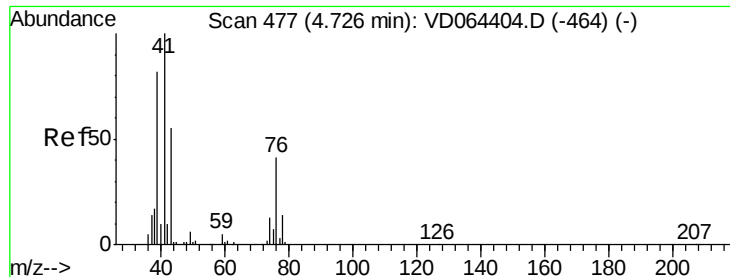
58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

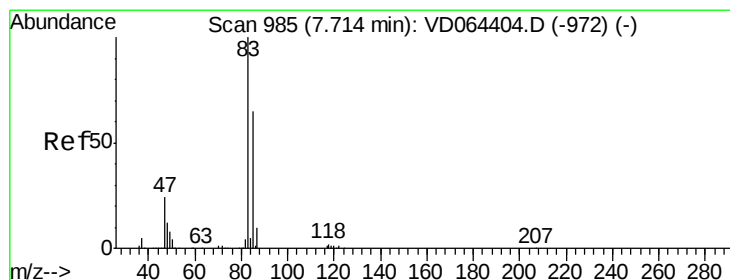
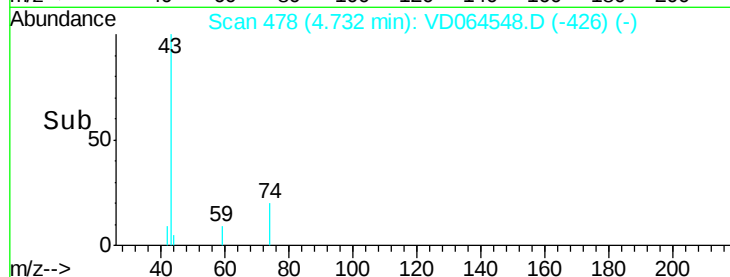
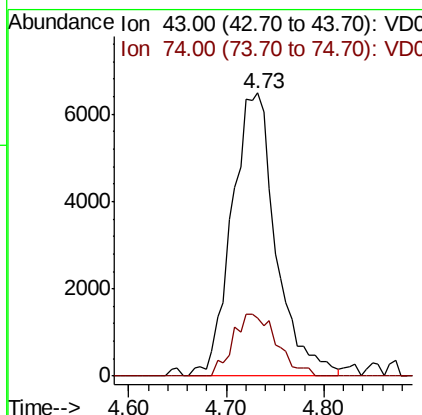
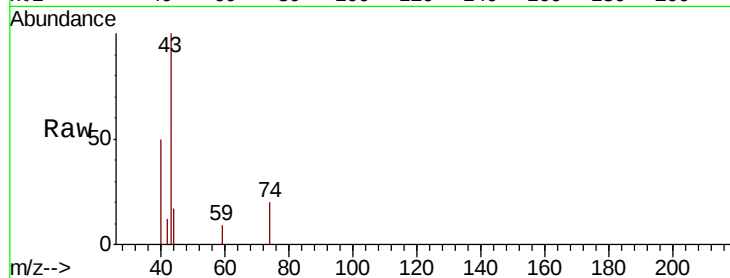




#18
Methyl Acetate
Concen: 10.110 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

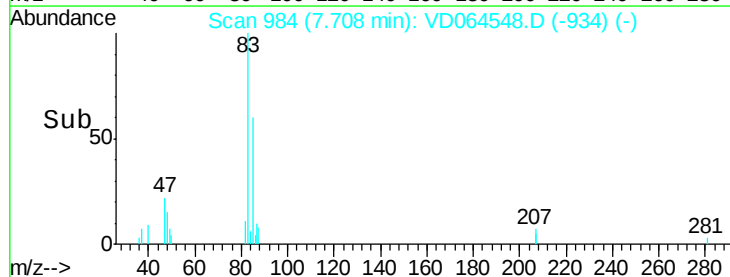
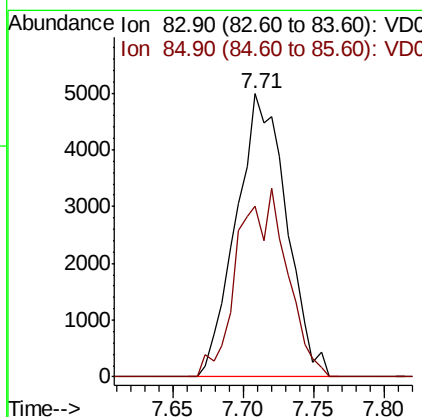
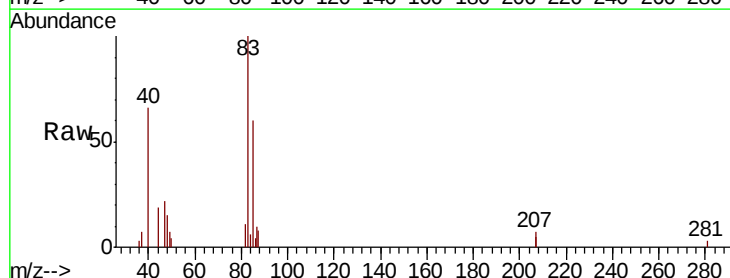
Instrument :
MSVOA_D
ClientSampleId :
1FT-TP

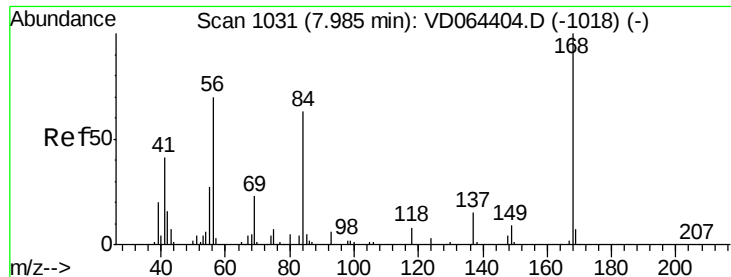
Tgt Ion: 43 Resp: 20370
Ion Ratio Lower Upper
43 100
74 21.9 19.7 29.5



#30
Chloroform
Concen: 1.902 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 83 Resp: 12420
Ion Ratio Lower Upper
83 100
85 60.4 51.8 77.6

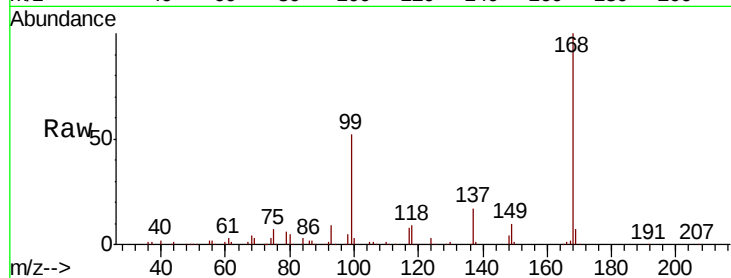




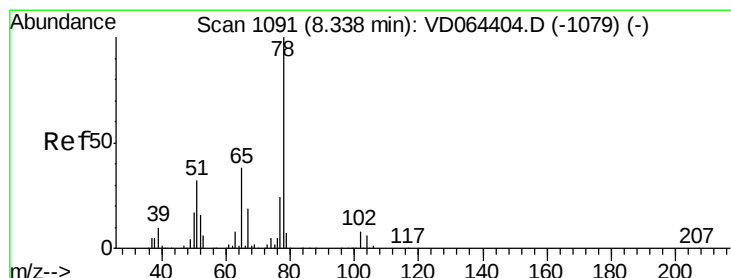
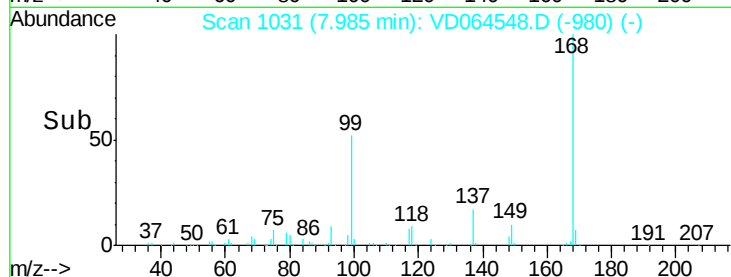
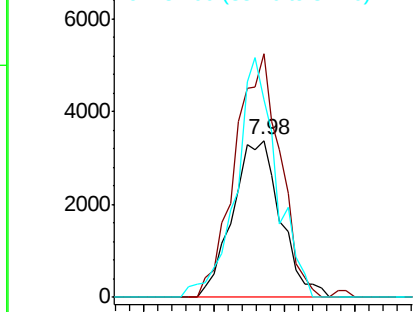
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

Instrument :
MSVOA_D
ClientSampleId :
1FT-TP

Tgt Ion: 56 Resp: 8020
Ion Ratio Lower Upper
56 100
69 155.4 26.2 39.4#
84 125.8 70.3 105.5#

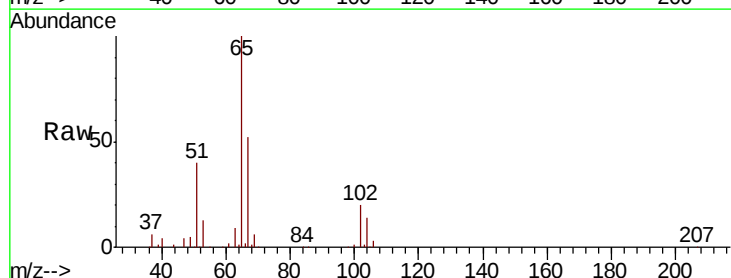


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

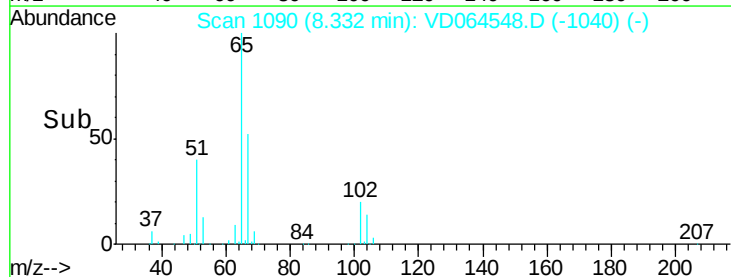
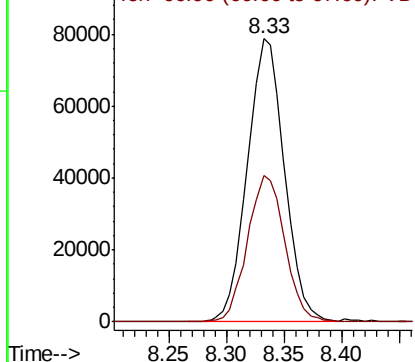


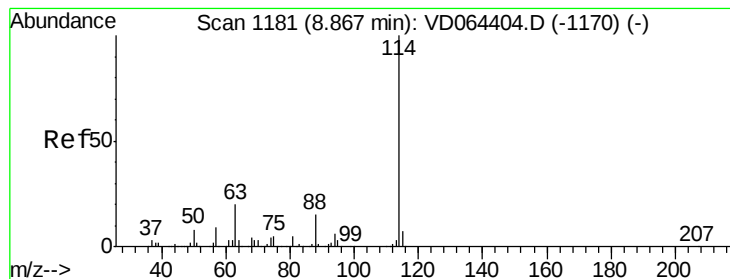
#33
1,2-Dichloroethane-d4
Concen: 51.593 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 65 Resp: 176351
Ion Ratio Lower Upper
65 100
67 52.1 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: VD064548.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

1FT-TP

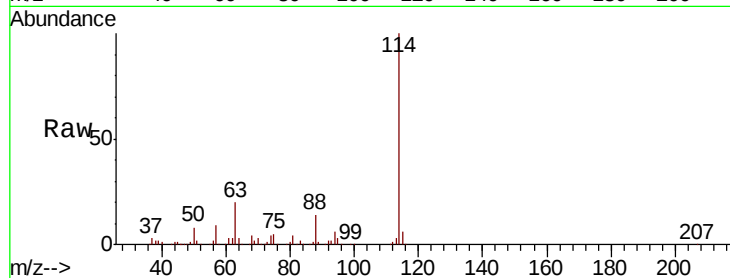
Tgt Ion:114 Resp: 587813

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

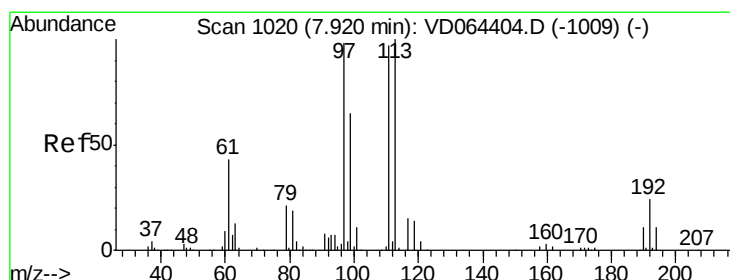
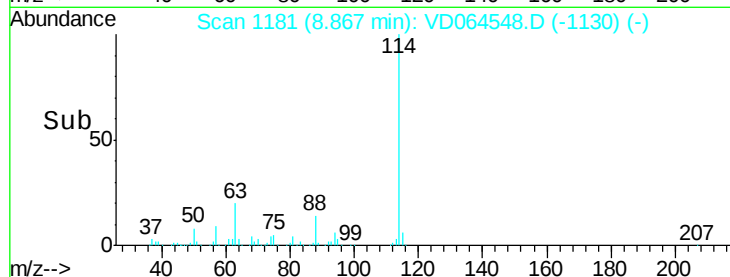
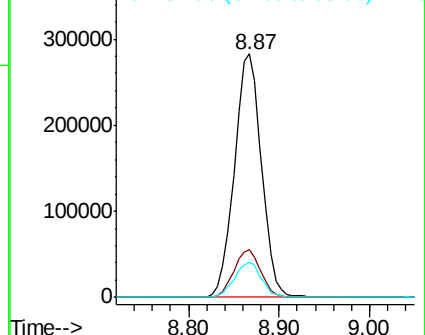
88 14.2 0.0 29.2



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: 49.060 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064548.D

Acq: 17 Dec 2019 16:36

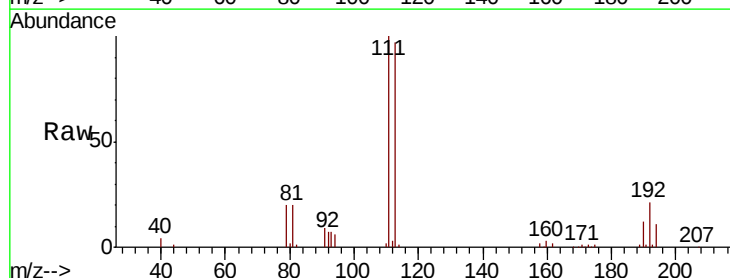
Tgt Ion:113 Resp: 181693

Ion Ratio Lower Upper

113 100

111 104.0 79.4 119.2

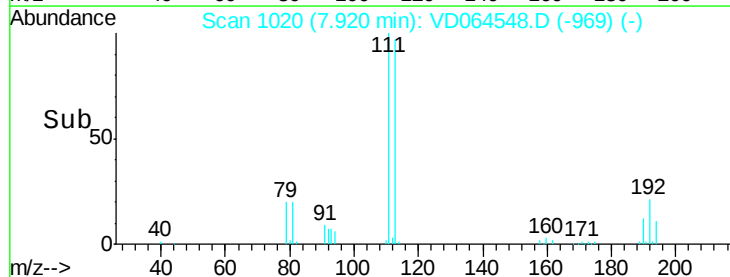
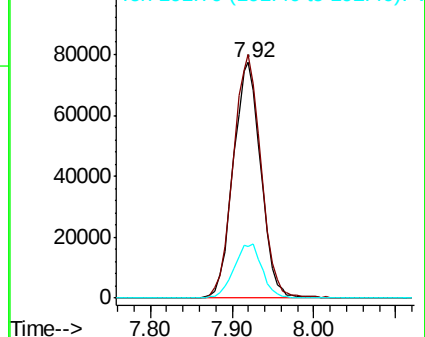
192 23.3 18.6 28.0

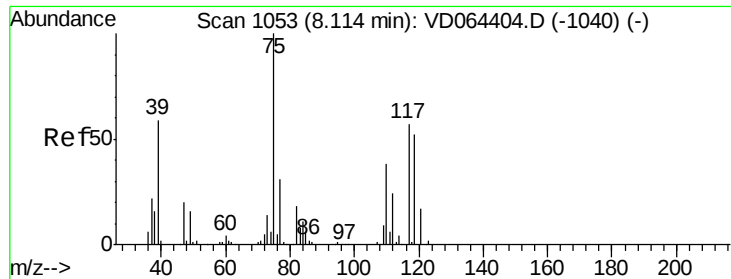


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

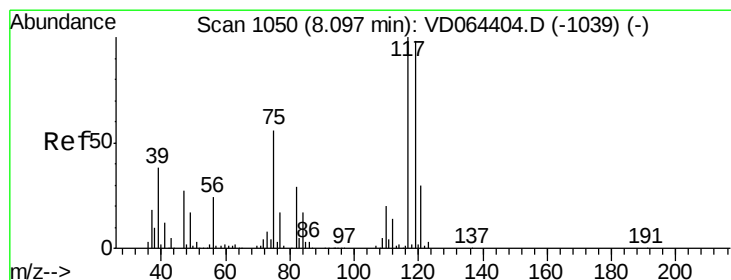
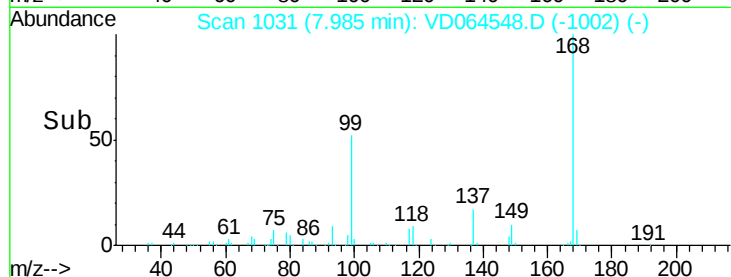
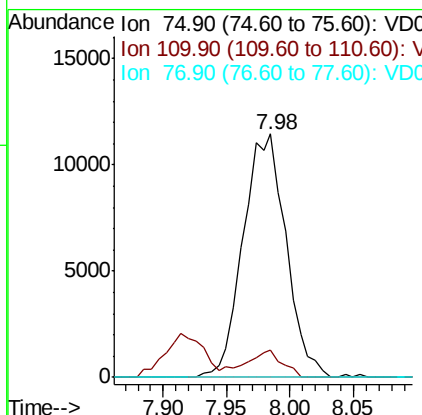
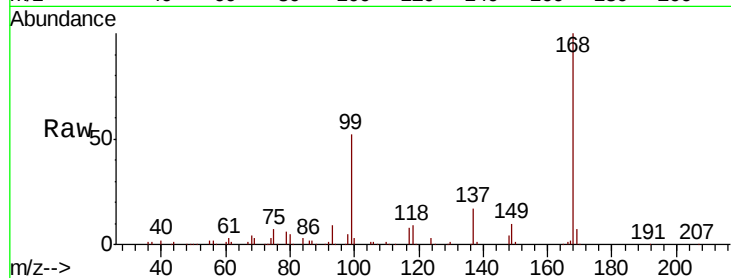




#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064548.D
 Acq: 17 Dec 2019 16:36

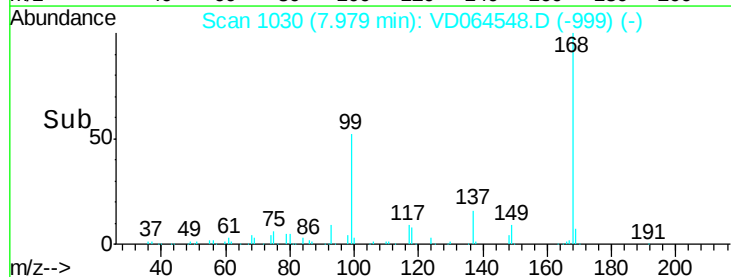
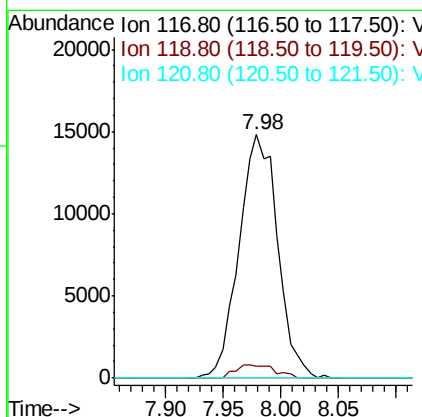
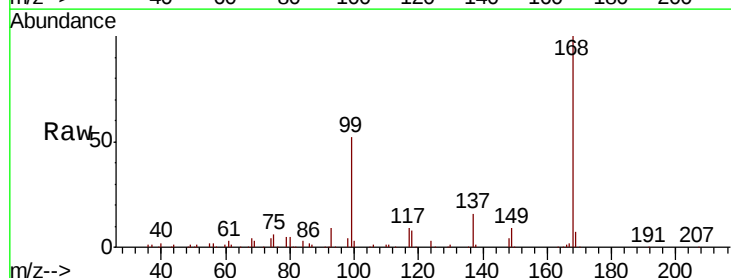
Instrument :
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 ClientSampleId :
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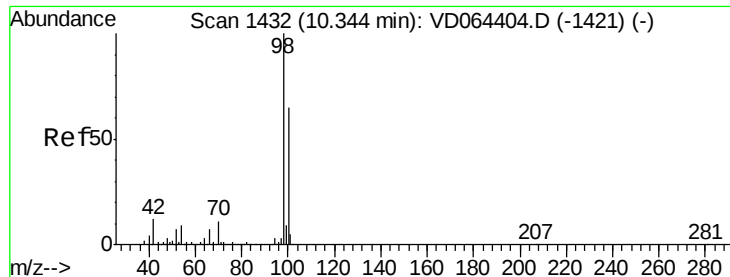
Tgt Ion: 75 Resp: 27020
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.859 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064548.D
 Acq: 17 Dec 2019 16:36

Tgt Ion: 117 Resp: 34382
 Ion Ratio Lower Upper
 117 100
 119 5.0 78.8 118.2#
 121 0.0 24.2 36.2#

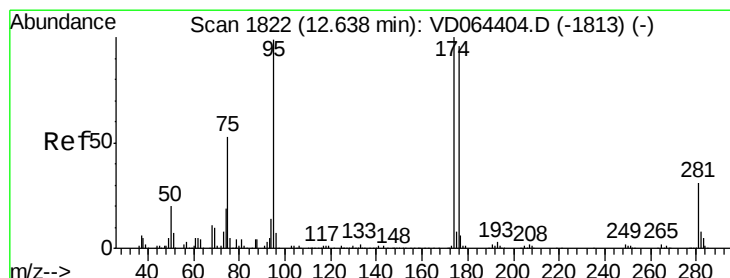
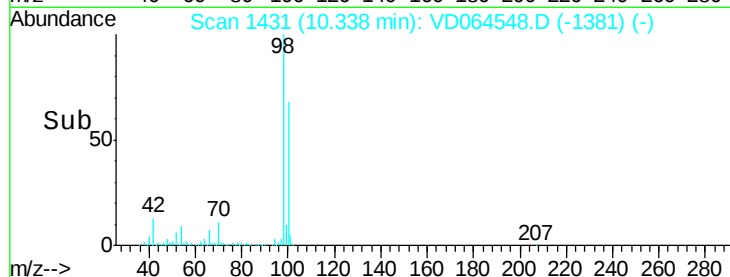
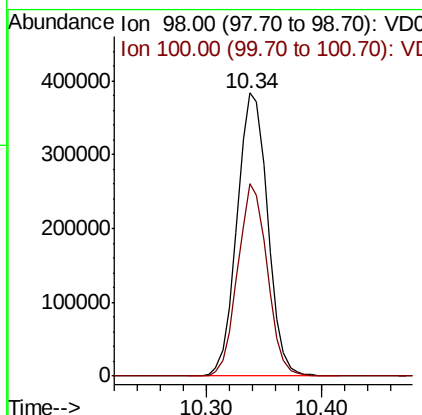
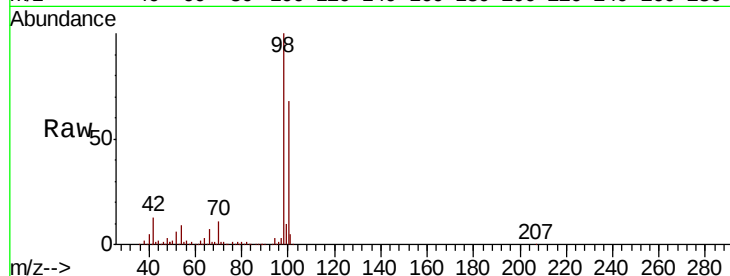




#50
Toluene-d8
Concen: 50.701 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

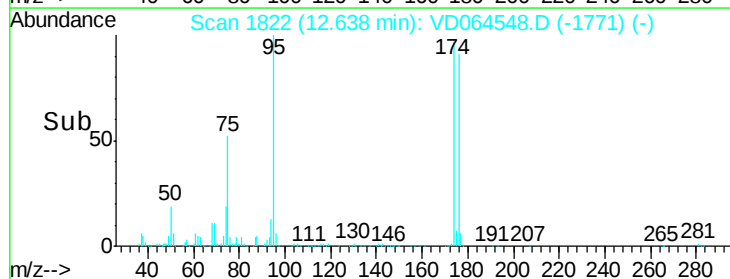
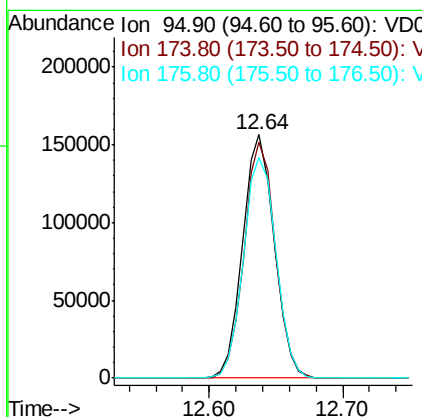
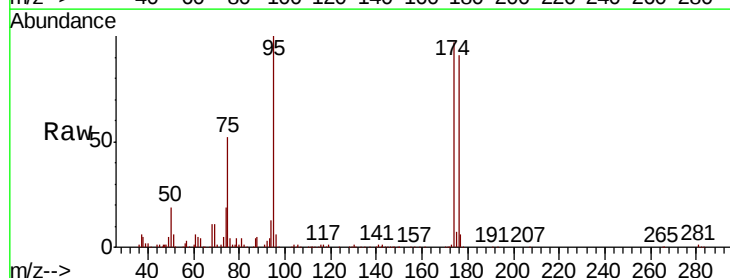
Instrument :
MSVOA_D
ClientSampleId :
1FT-TP

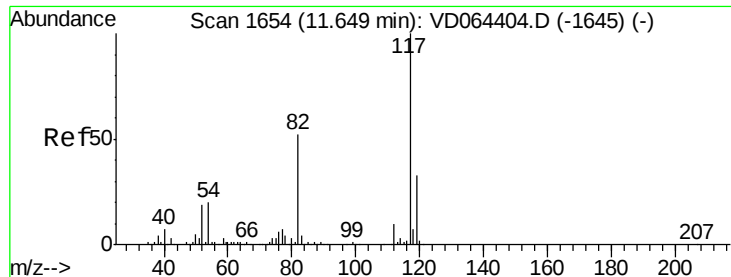
Tgt Ion: 98 Resp: 707316
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 95 Resp: 255848
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 93.2 0.0 189.6

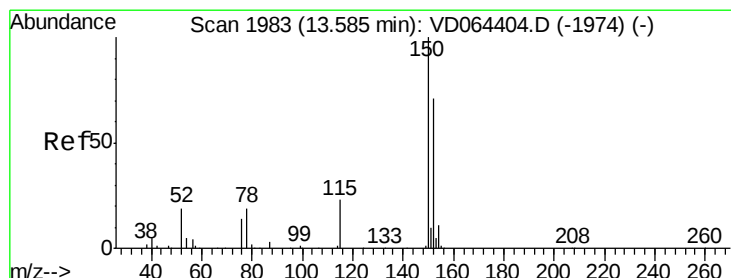
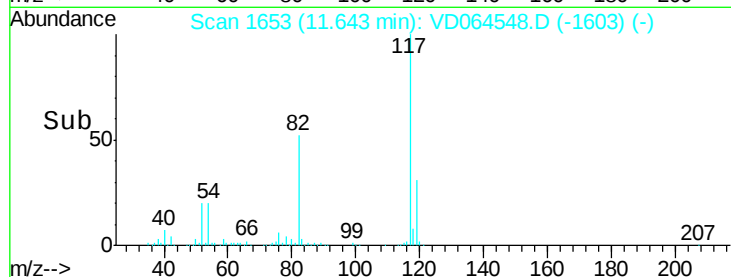
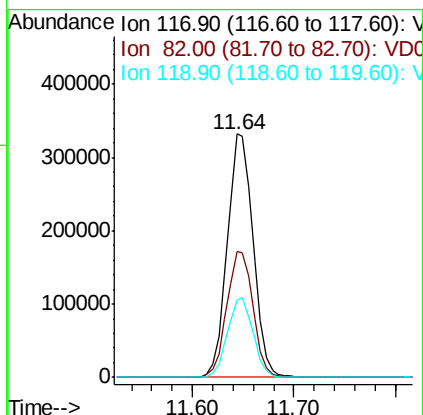
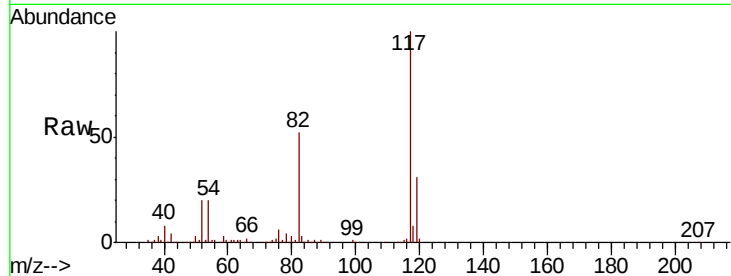




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

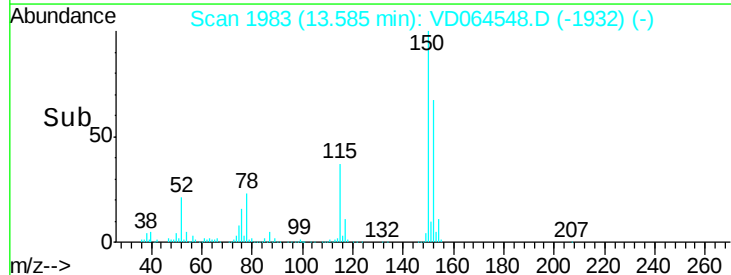
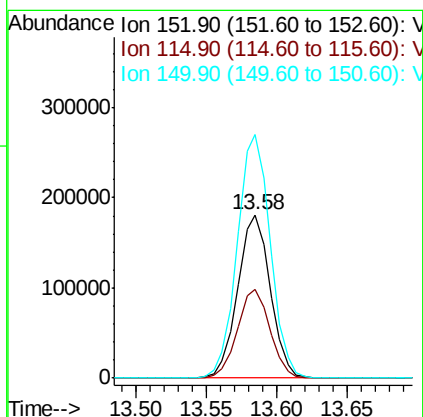
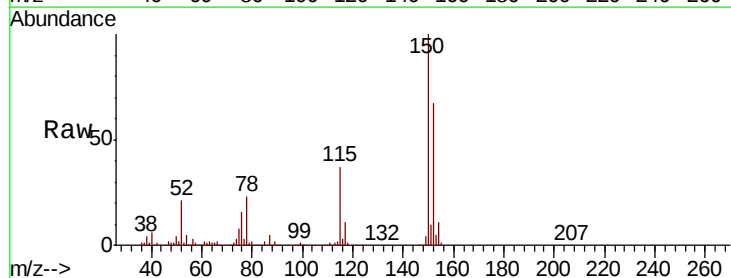
Instrument :
MSVOA_D
ClientSampled :
1FT-TP

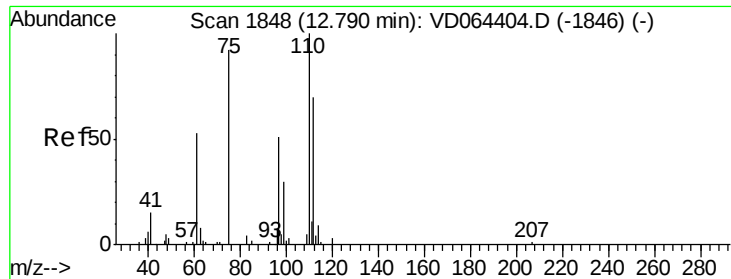
Tgt Ion:117 Resp: 586899
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064548.D
Acq: 17 Dec 2019 16:36

Tgt Ion:152 Resp: 291174
Ion Ratio Lower Upper
152 100
115 54.5 26.7 80.1
150 151.6 0.0 347.2

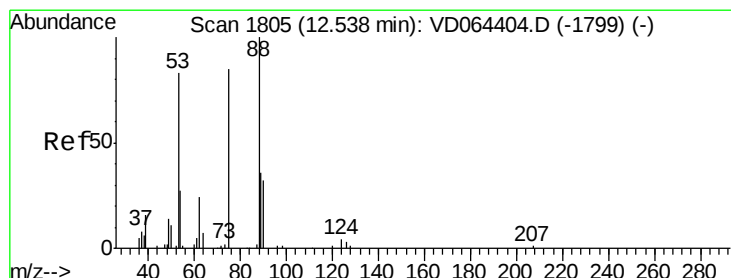
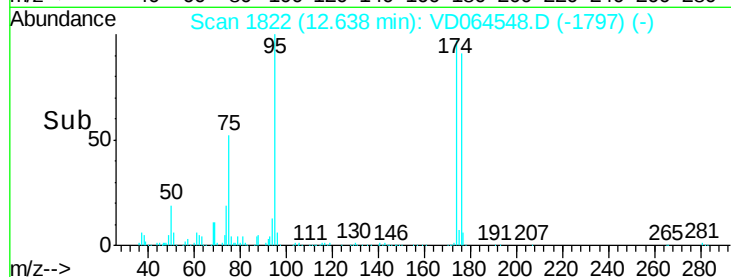
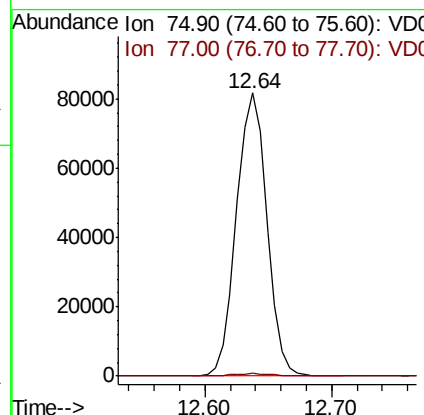
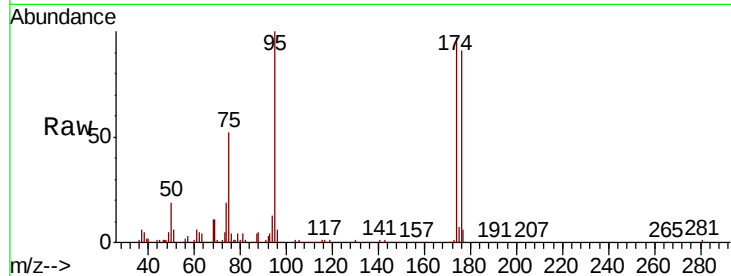




#76
 1,2,3-Trichloropropane
 Concen: 56.569 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064548.D
 Acq: 17 Dec 2019 16:36

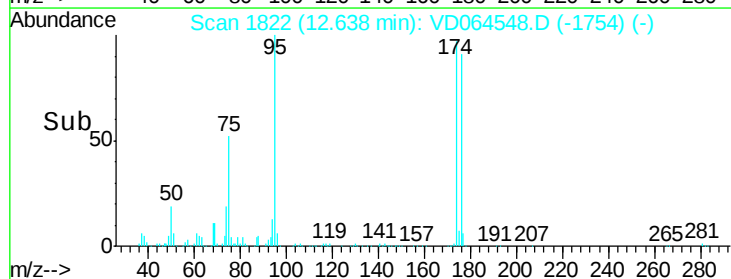
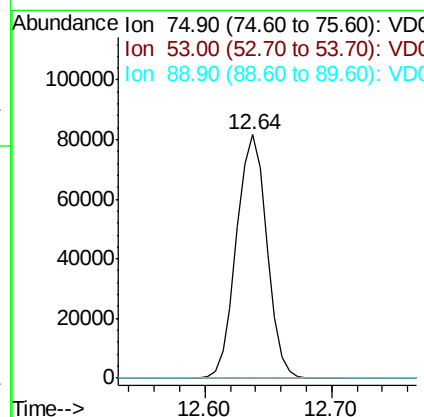
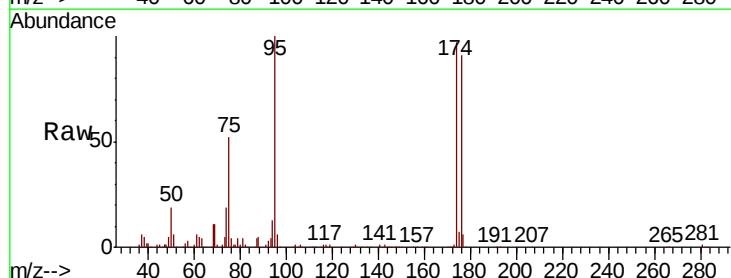
Instrument :
 MSVOA_D
 ClientSampleId :
 1FT-TP

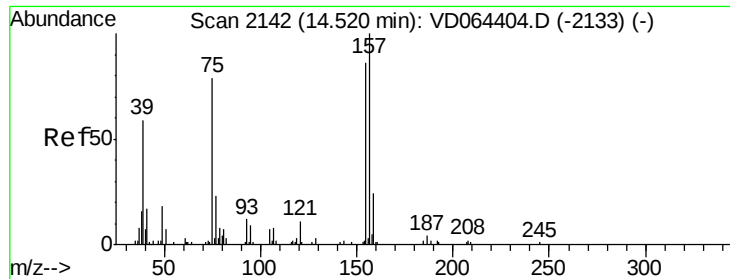
Tgt Ion: 75 Resp: 135456
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.350 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064548.D
 Acq: 17 Dec 2019 16:36

Tgt Ion: 75 Resp: 135456
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.1 38.5 57.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.49 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VD064548.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_D

ClientSampleId :

1FT-TP

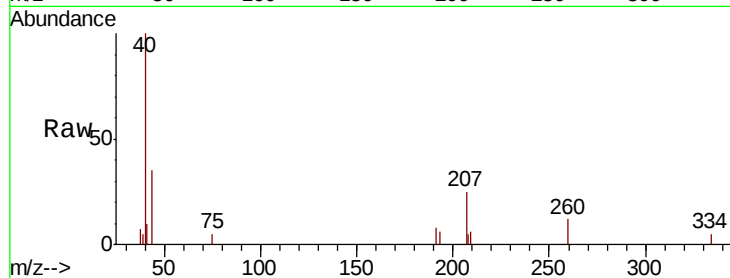
Tgt Ion: 75 Resp: 55

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

