

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064555.D
 Acq On : 17 Dec 2019 19:57
 Operator : VA/SY
 Sample : K6357-12
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-G

Quant Time: Dec 18 00:50:09 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	286269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	447281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254168	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	149486	57.69	ug/l	0.00
Spiked Amount			Recovery	=	115.38%	
35) Dibromofluoromethane	7.91	113	146159	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
50) Toluene-d8	10.34	98	546635	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.64	95	214383	62.84	ug/l	0.00
Spiked Amount			Recovery	=	125.68%	

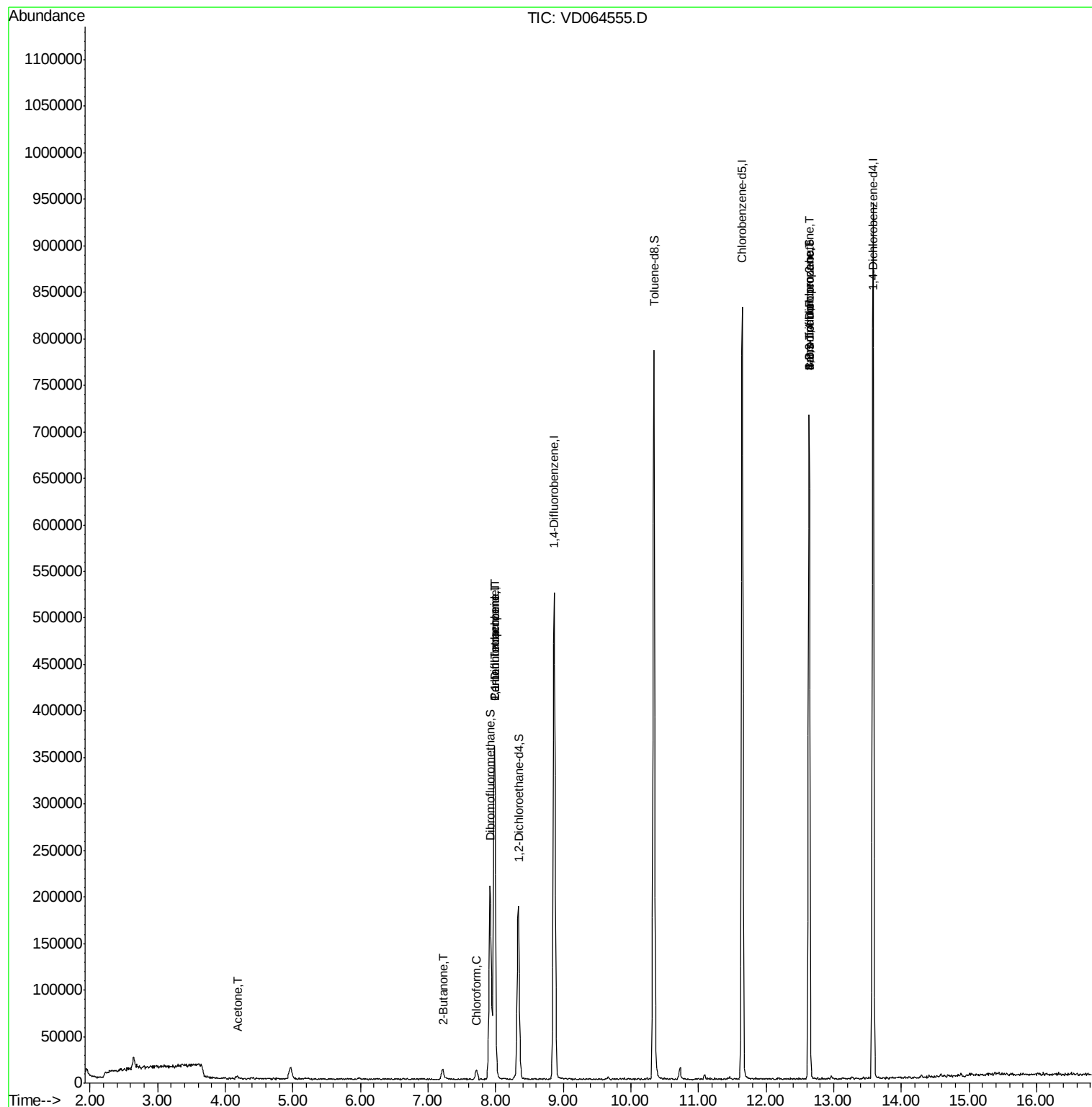
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.18	43	2145	4.096	ug/l	92
20) Methylene Chloride	4.96	84	9820	Below Cal	#	94
25) 2-Butanone	7.23	43	1381	1.865	ug/l #	49
30) Chloroform	7.71	83	8747	1.767	ug/l	94
31) Cyclohexane	7.98	56	5829	Below Cal	#	2
36) 1,1-Dichloropropene	7.98	75	21019	4.968	ug/l #	45
38) Carbon Tetrachloride	7.98	117	27687	6.201	ug/l #	13
71) Bromoform	12.64	173	2341	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	111729	53.454	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	111729	116.557	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.74	75	73	Below Cal	#	1

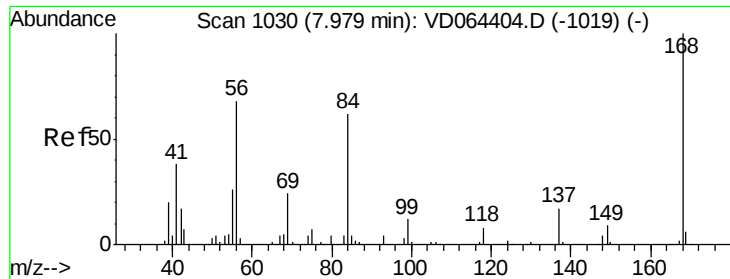
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064555.D
Acq On : 17 Dec 2019 19:57
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Misc : 5.12G/5.00ml/MSVOA_D/SOIL
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Quant Title : SW846 8260
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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: VD064555.D

Acq: 17 Dec 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

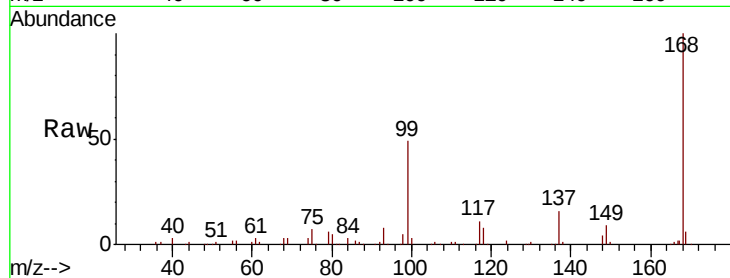
PF-G

Tgt Ion:168 Resp: 286269

Ion Ratio Lower Upper

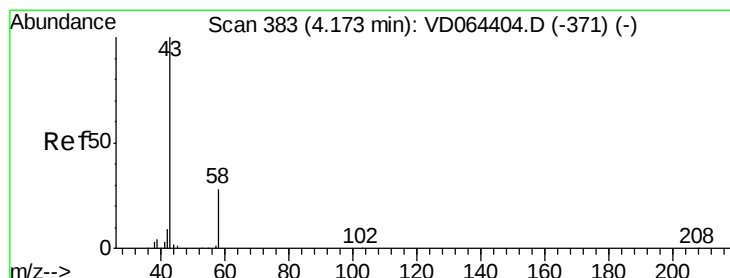
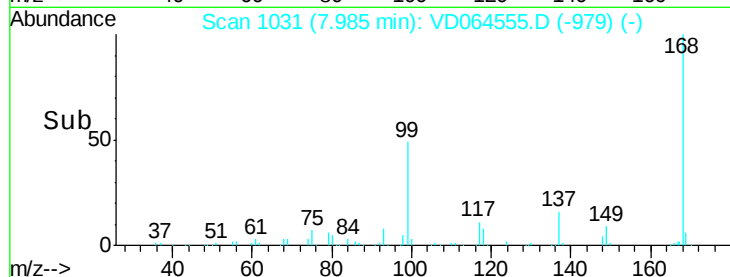
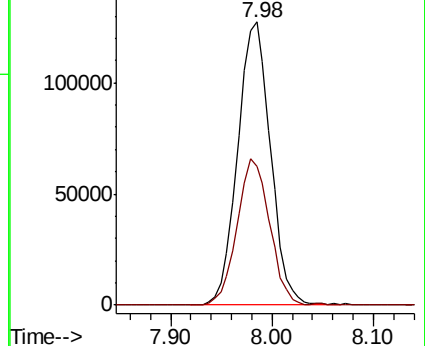
168 100

99 49.1 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: 4.096 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064555.D

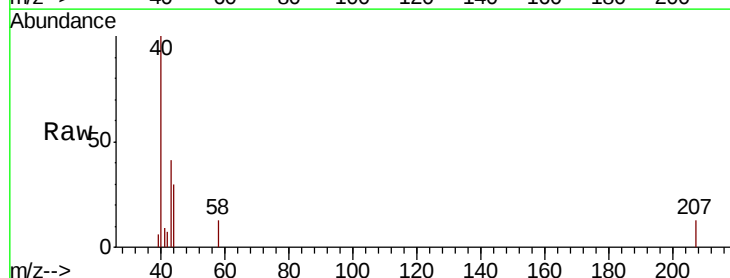
Acq: 17 Dec 2019 19:57

Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

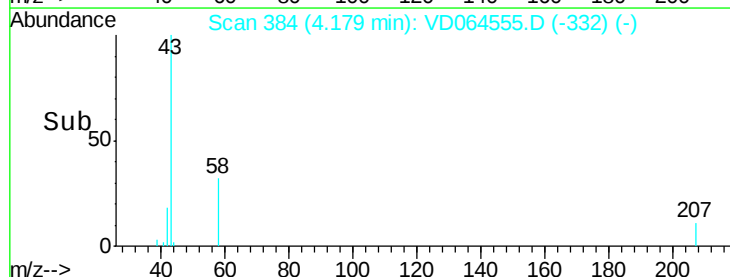
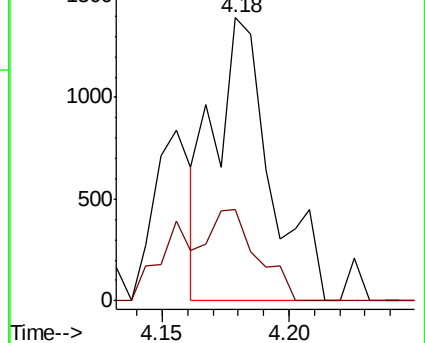
43 100

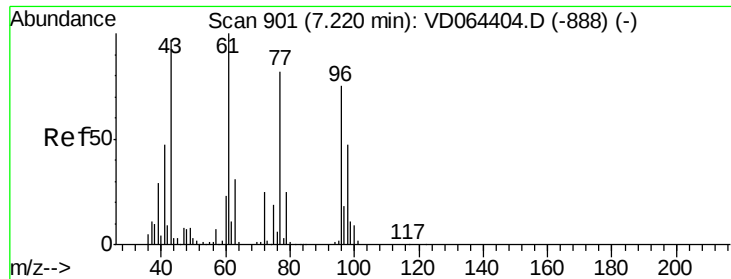
58 32.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

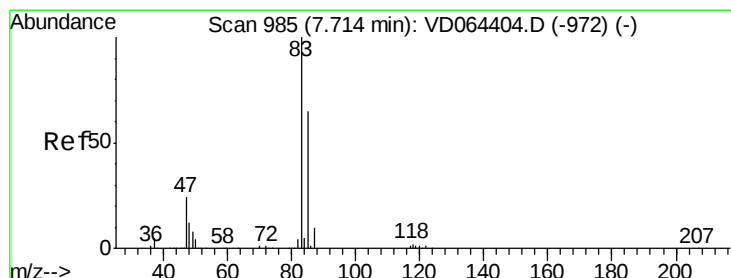
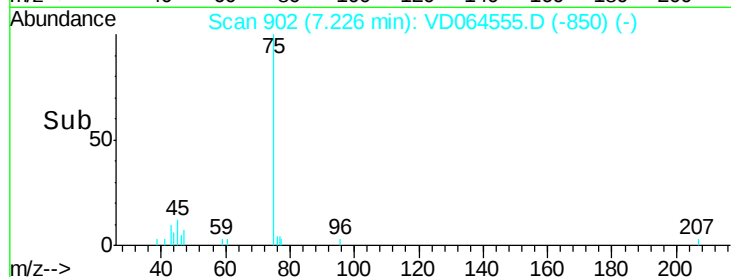
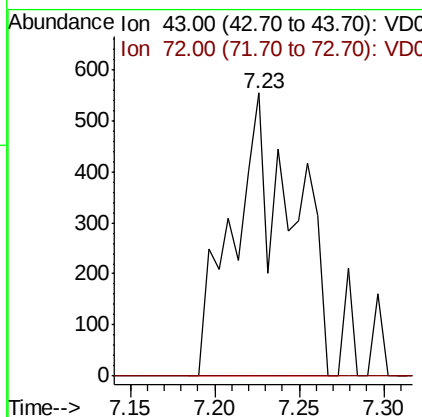
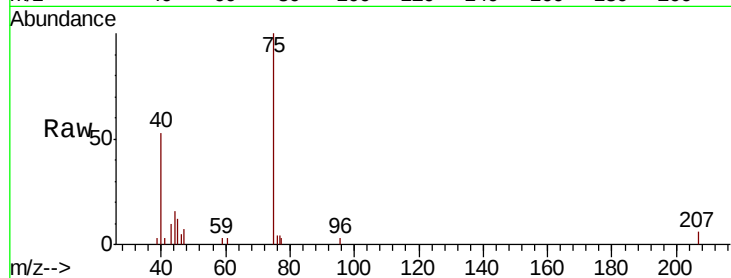




#25
2-Butanone
Concen: 1.865 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

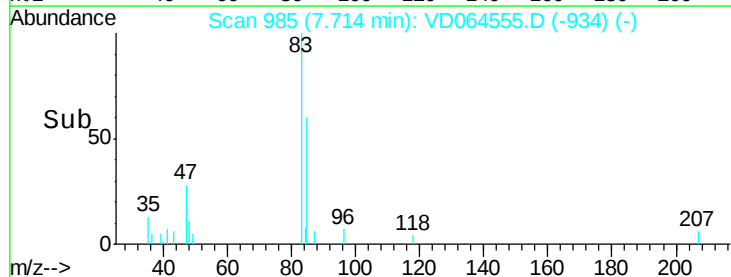
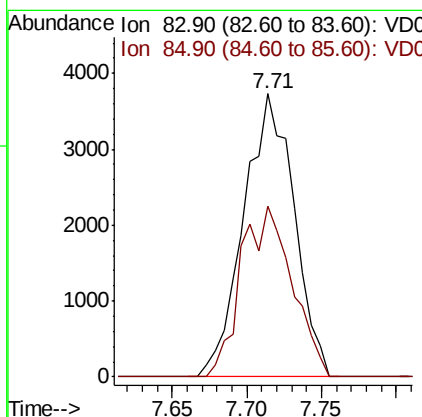
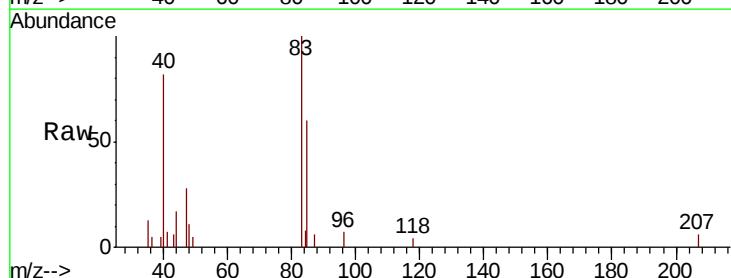
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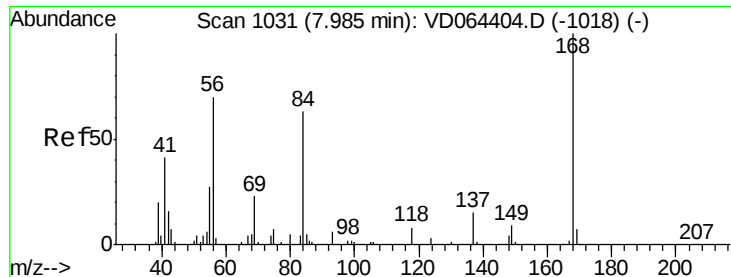
Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#30
Chloroform
Concen: 1.767 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

Tgt Ion: 83 Resp: 8747
Ion Ratio Lower Upper
83 100
85 60.2 51.8 77.6

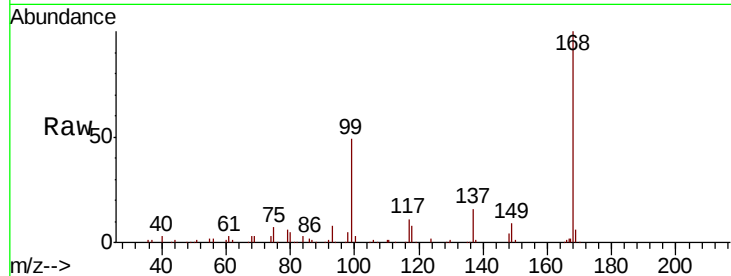




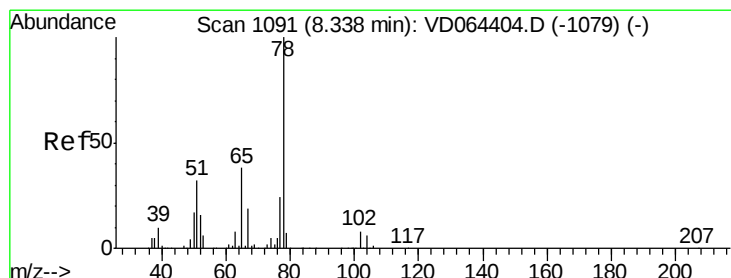
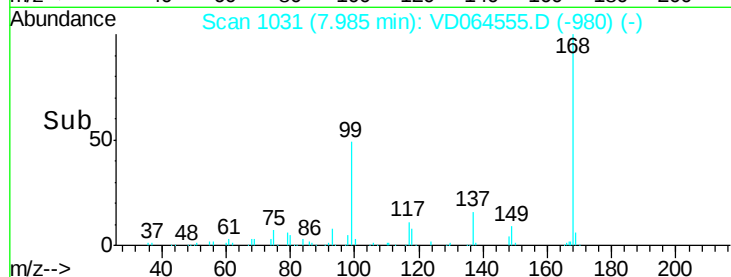
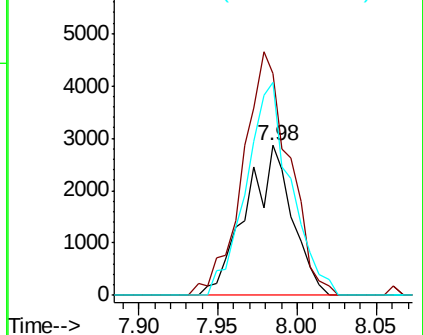
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

Instrument :
MSVOA_D
ClientSampleId :
PF-G

Tgt Ion: 56 Resp: 5829
Ion Ratio Lower Upper
56 100
69 148.6 26.2 39.4#
84 142.1 70.3 105.5#

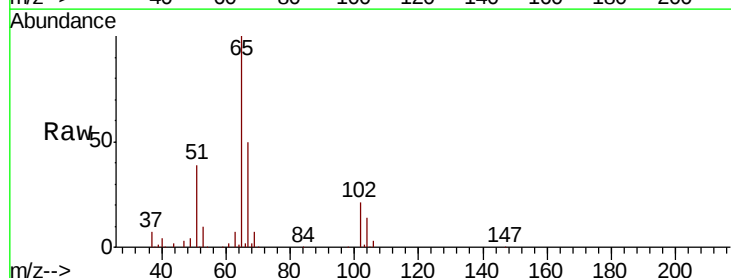


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

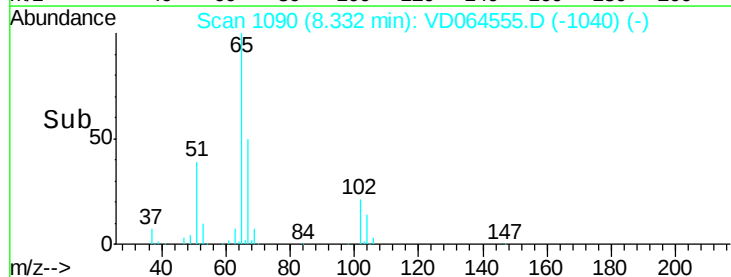
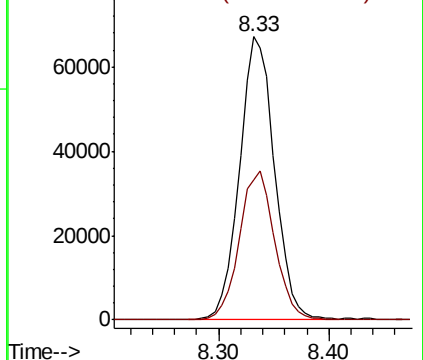


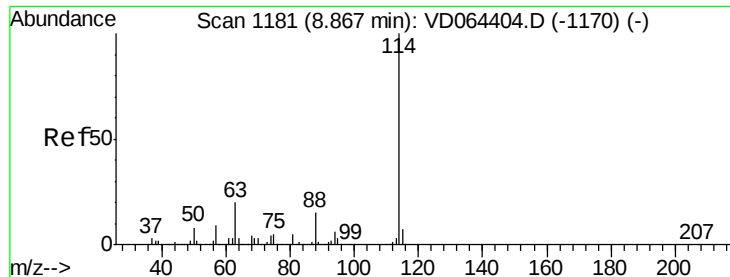
#33
1,2-Dichloroethane-d4
Concen: 57.691 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

Tgt Ion: 65 Resp: 149486
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.0



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

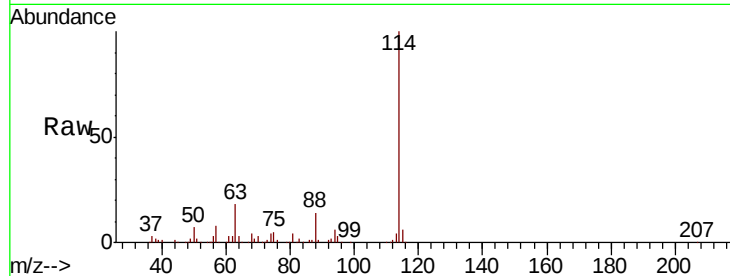




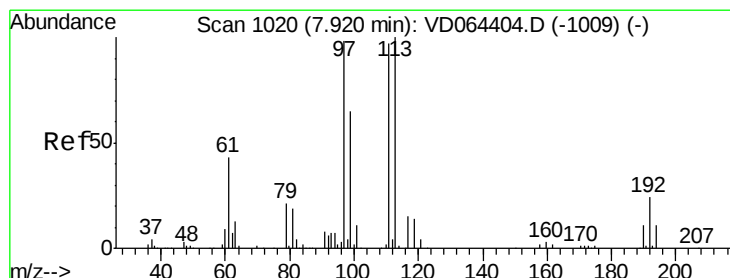
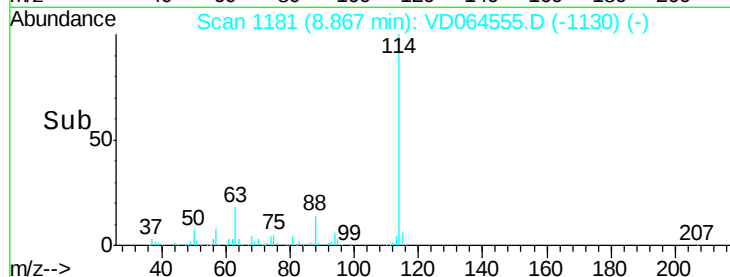
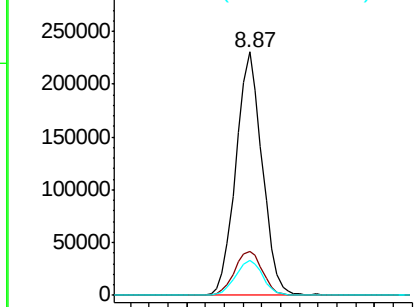
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064555.D
 Acq: 17 Dec 2019 19:57

Instrument :
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Tgt Ion:114 Resp: 447281
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 40.0
 88 14.4 0.0 29.2

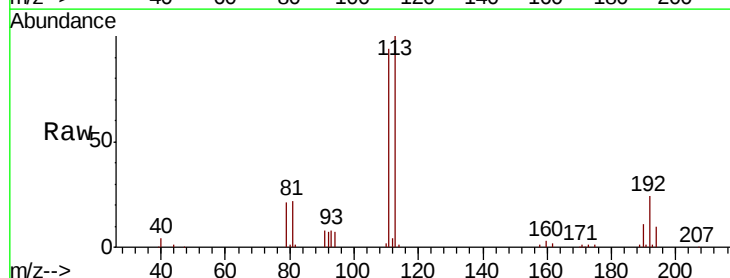


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

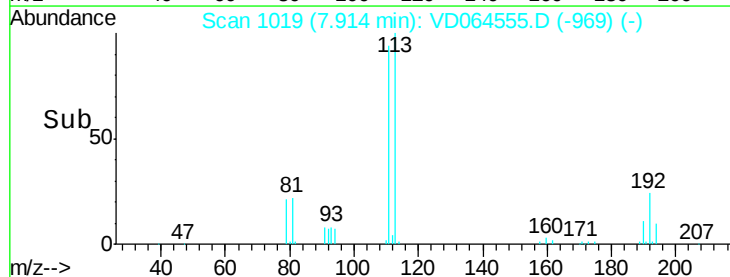
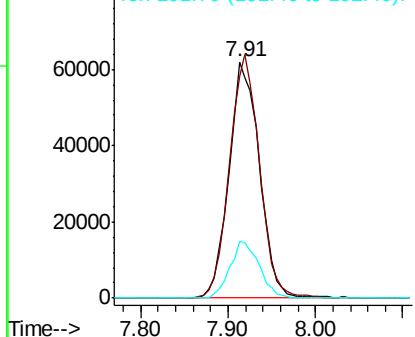


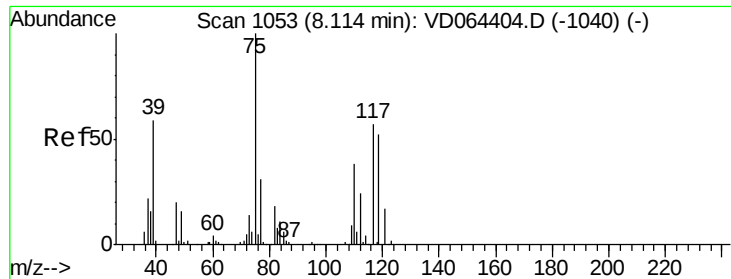
#35
 Dibromofluoromethane
 Concen: 51.864 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064555.D
 Acq: 17 Dec 2019 19:57

Tgt Ion:113 Resp: 146159
 Ion Ratio Lower Upper
 113 100
 111 101.9 79.4 119.2
 192 23.1 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

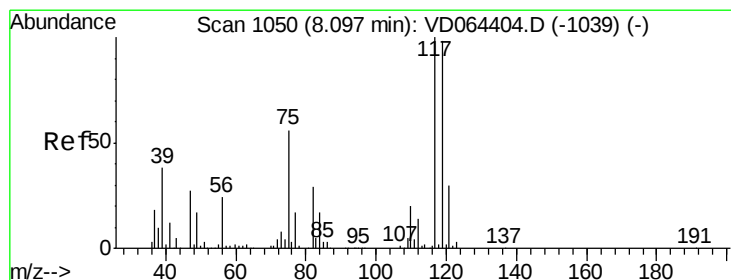
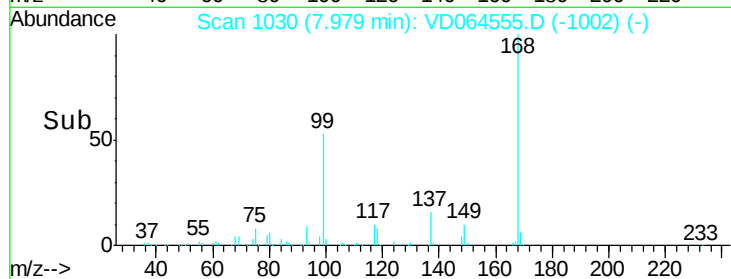
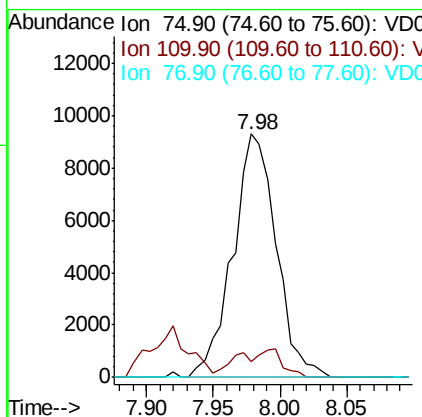
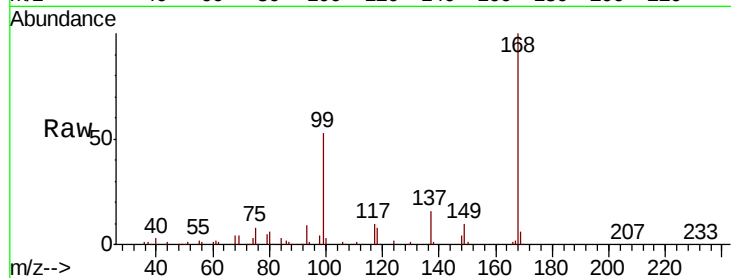




#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064555.D
 Acq: 17 Dec 2019 19:57

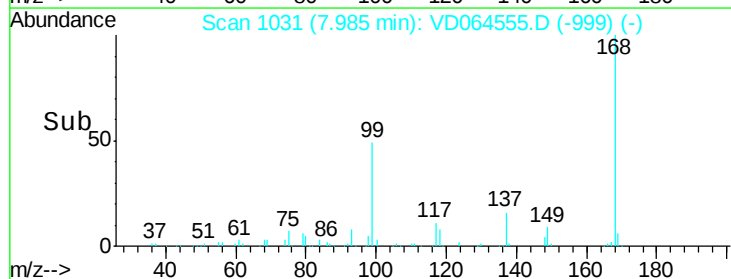
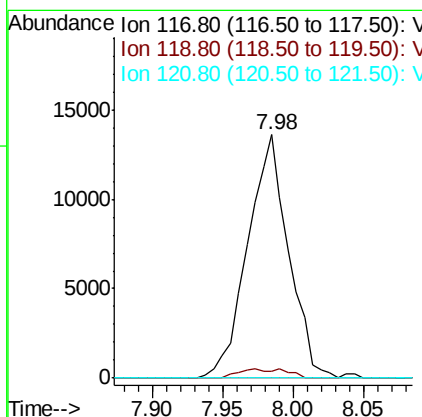
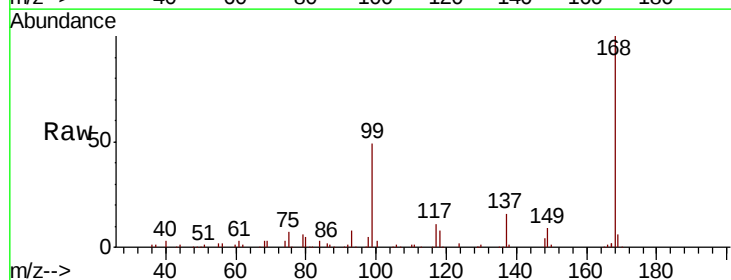
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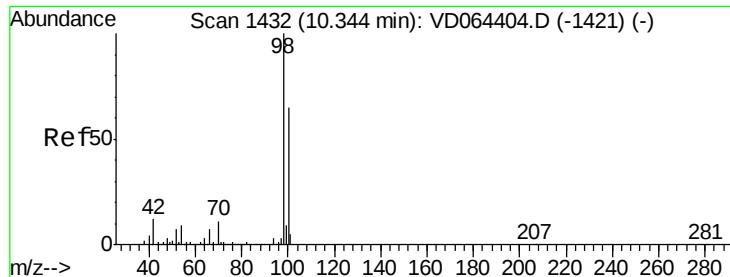
Tgt Ion: 75 Resp: 21019
 Ion Ratio Lower Upper
 75 100
 110 5.4 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.201 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064555.D
 Acq: 17 Dec 2019 19:57

Tgt Ion: 117 Resp: 27687
 Ion Ratio Lower Upper
 117 100
 119 3.0 78.8 118.2#
 121 0.0 24.2 36.2#

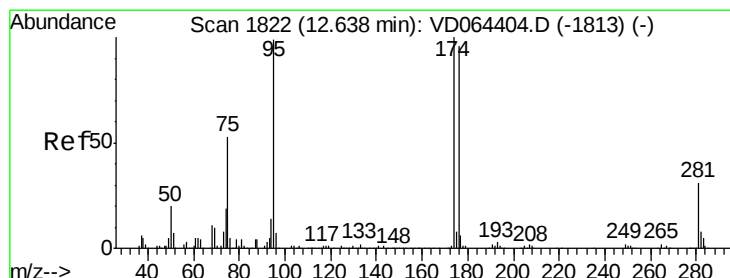
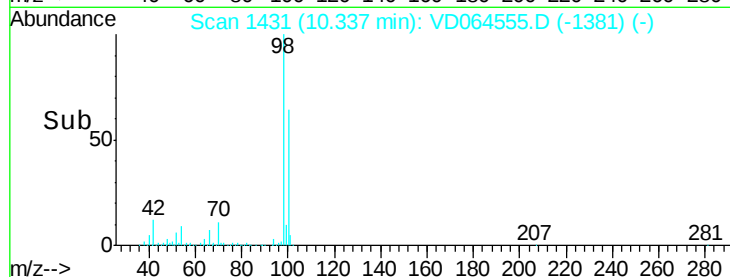
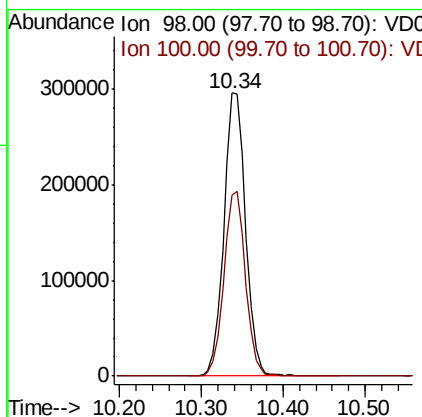
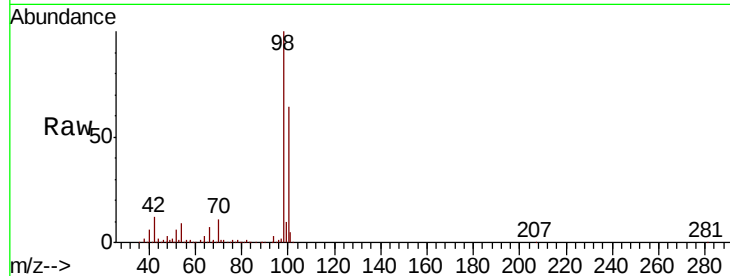




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

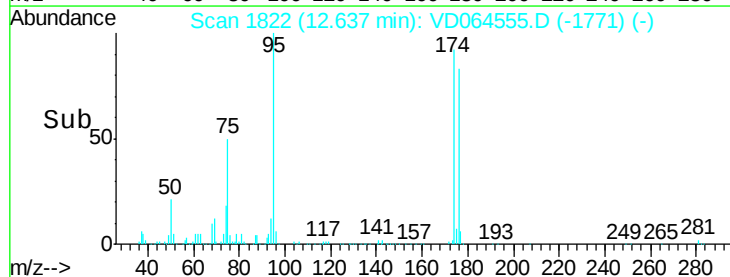
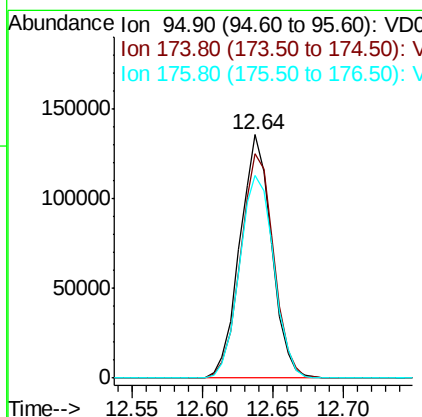
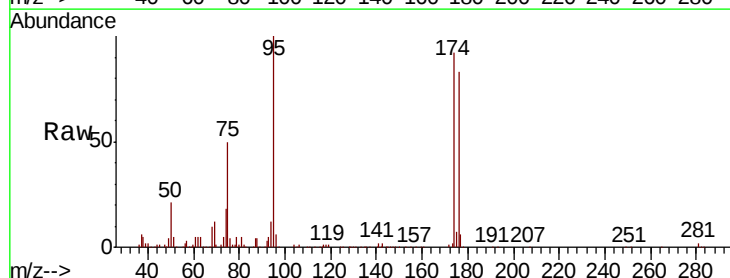
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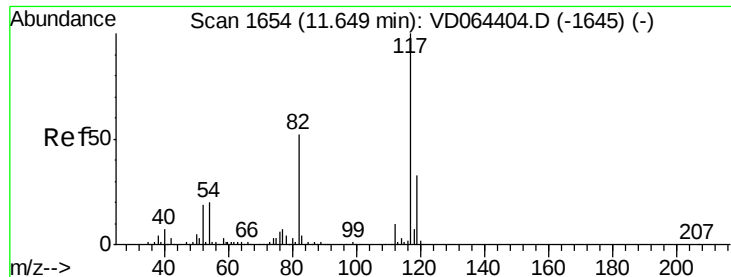
Tgt Ion: 98 Resp: 546635
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 62.841 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

Tgt Ion: 95 Resp: 214383
Ion Ratio Lower Upper
95 100
174 95.9 0.0 197.2
176 89.7 0.0 189.6

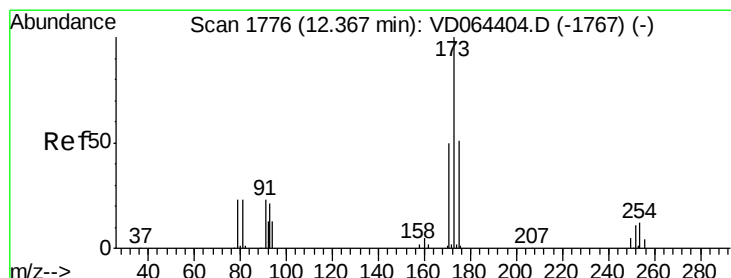
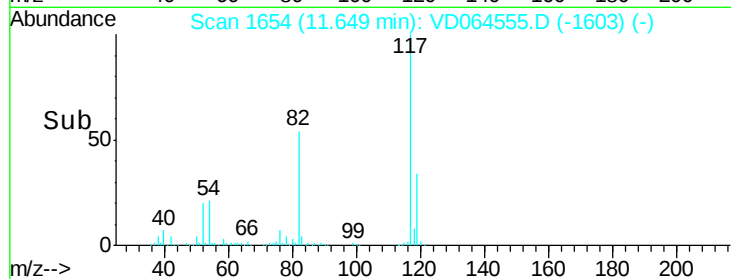
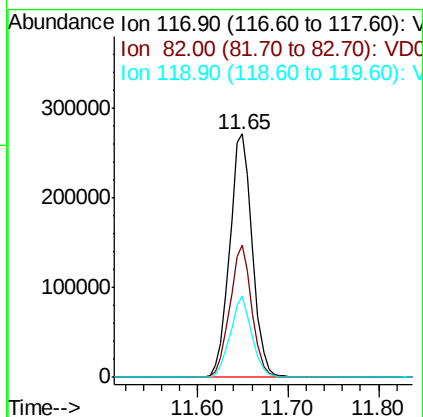
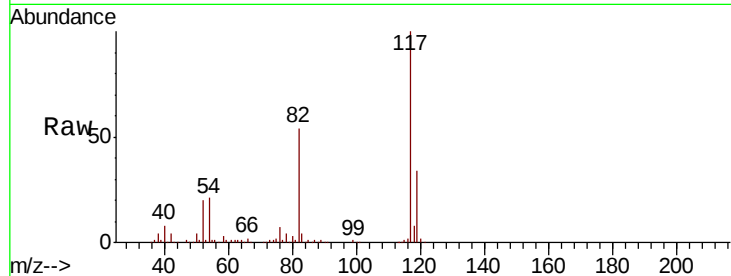




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

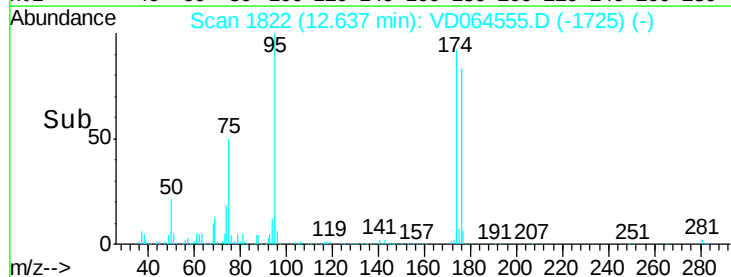
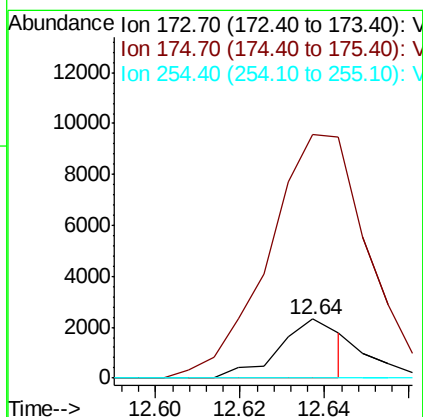
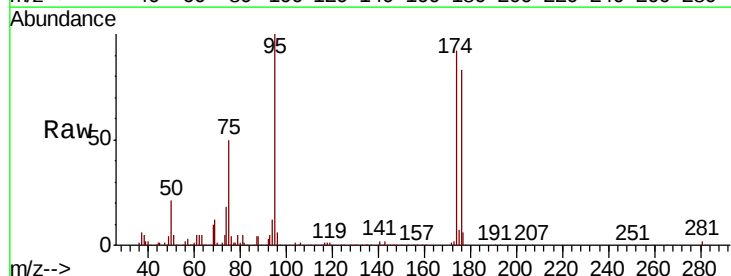
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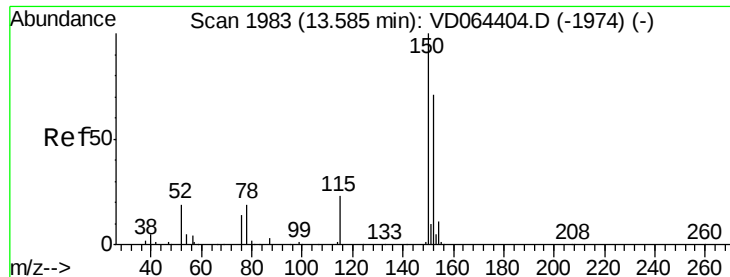
Tgt Ion:117 Resp: 471266
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 33.5 26.2 39.2



#71
Bromoform
Concen: 1.075 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD064555.D
Acq: 17 Dec 2019 19:57

Tgt Ion:173 Resp: 2341
Ion Ratio Lower Upper
173 100
175 516.7 25.3 75.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064555.D

Acq: 17 Dec 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

PF-G

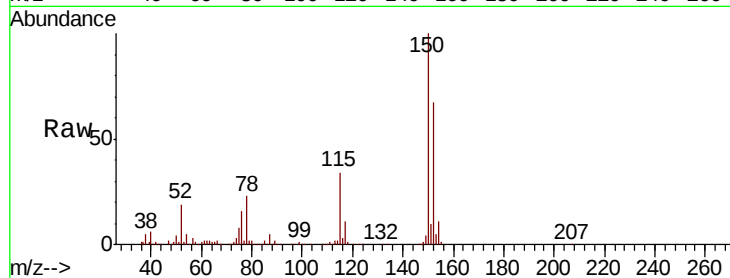
Tgt Ion:152 Resp: 254168

Ion Ratio Lower Upper

152 100

115 54.3 26.7 80.1

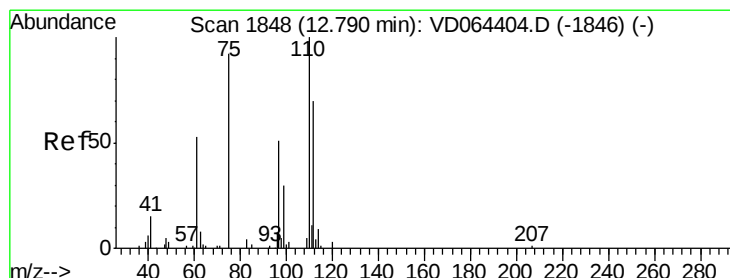
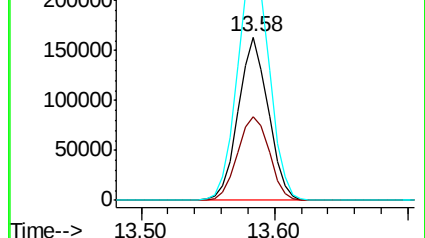
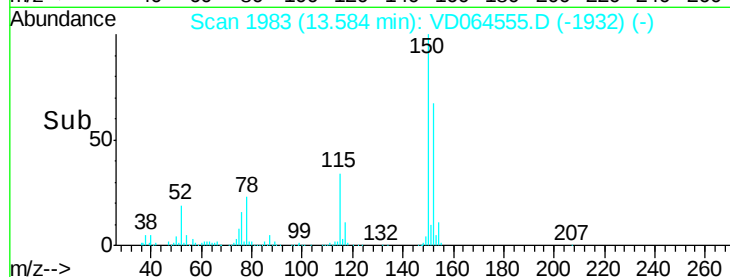
150 154.0 0.0 347.2



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: 53.454 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064555.D

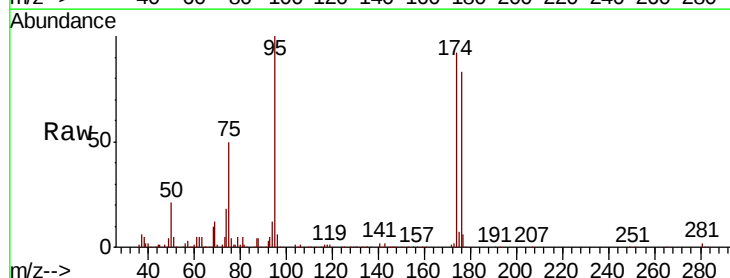
Acq: 17 Dec 2019 19:57

Tgt Ion: 75 Resp: 111729

Ion Ratio Lower Upper

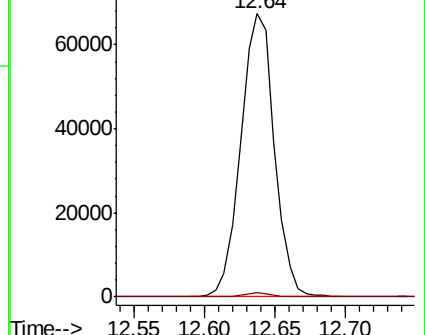
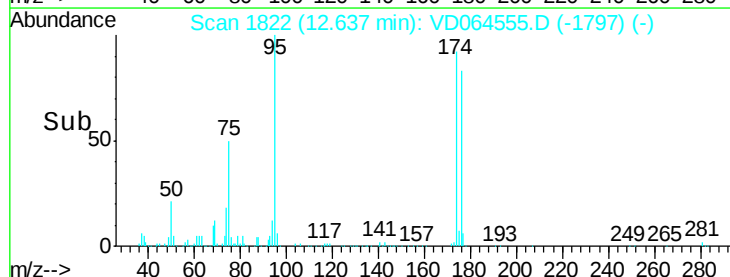
75 100

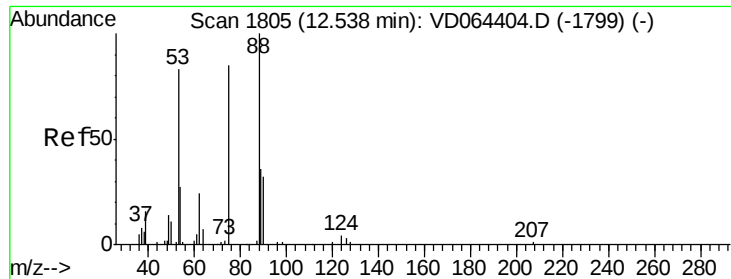
77 1.2 0.0 0.0#



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: 116.557 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064555.D

Acq: 17 Dec 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

PF-G

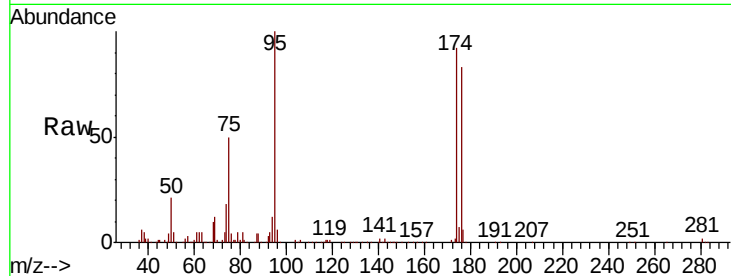
Tgt Ion: 75 Resp: 111729

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

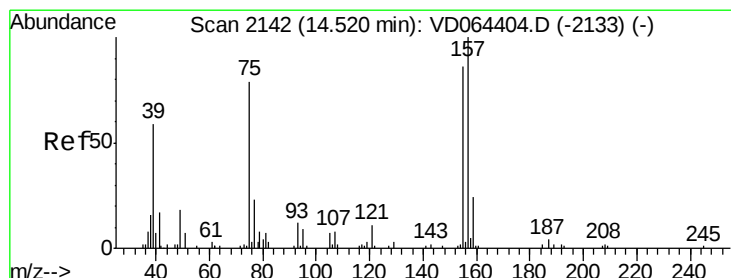
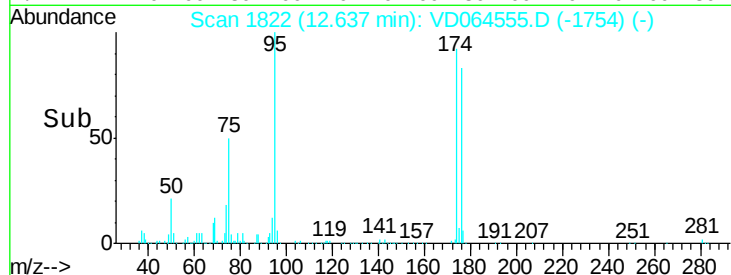
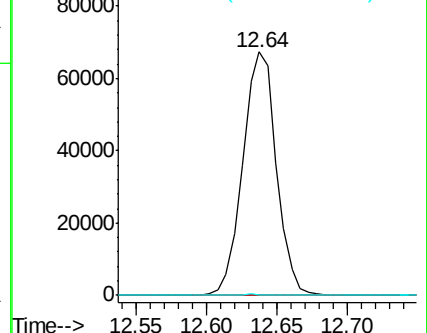
89 0.2 38.5 57.7#



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: 14.74 min Scan# 2180

Delta R.T. 0.22 min

Lab File: VD064555.D

Acq: 17 Dec 2019 19:57

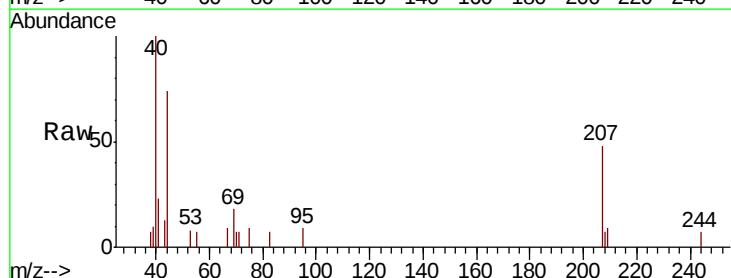
Tgt Ion: 75 Resp: 73

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

