

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
 Data File : VD064554.D
 Acq On : 17 Dec 2019 19:29
 Operator : VA/SY
 Sample : K6357-11
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-F

Quant Time: Dec 18 00:50:00 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	349733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	532822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	553011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	160912	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.92	113	170278	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.34	98	644558	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.64	95	243275	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	

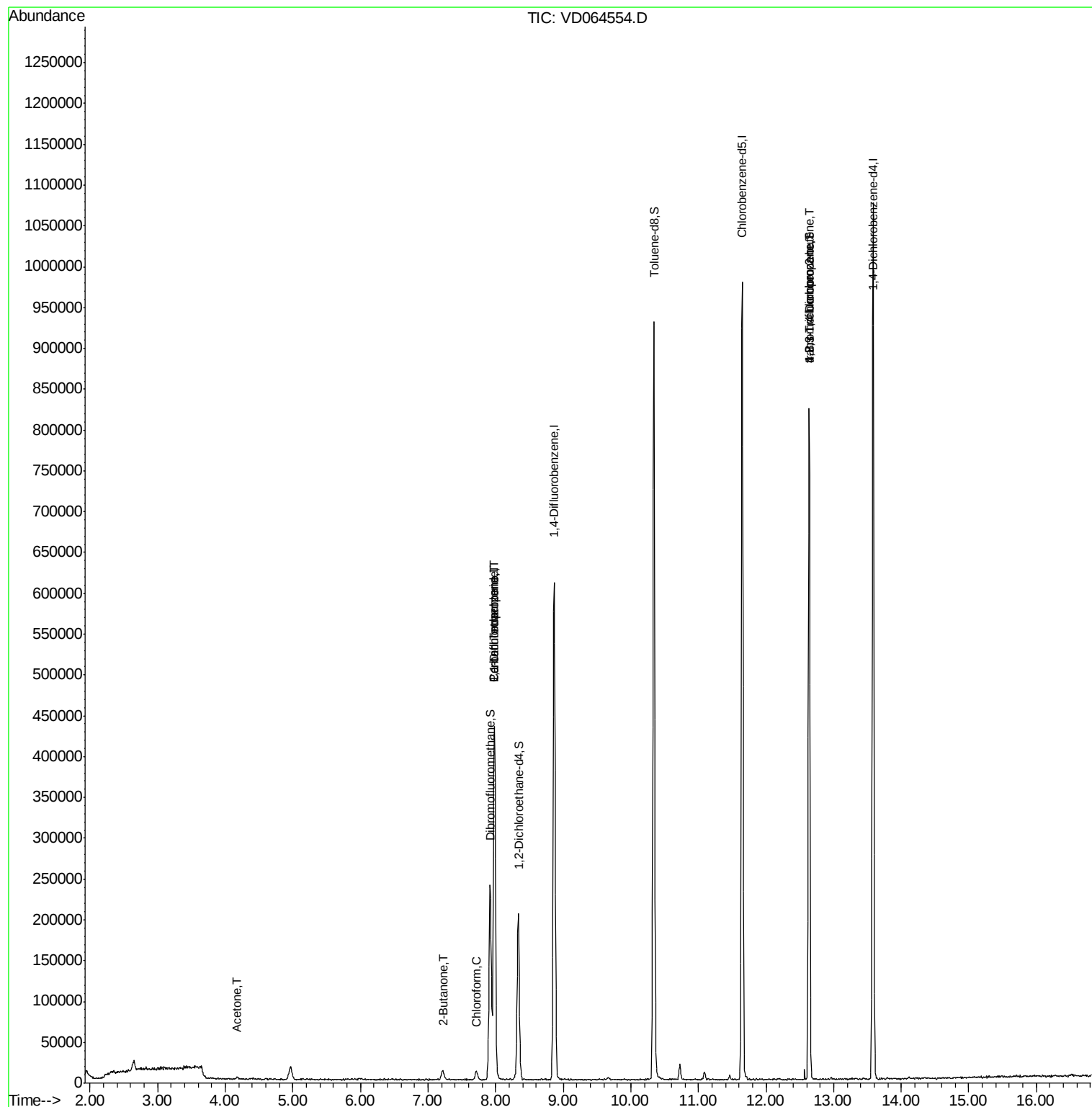
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	3455	5.401	ug/l #	76
20) Methylene Chloride	4.97	84	11073	Below Cal	#	85
25) 2-Butanone	7.23	43	947	1.047	ug/l #	49
30) Chloroform	7.71	83	6177	1.021	ug/l	91
31) Cyclohexane	7.98	56	7225	Below Cal	#	20
36) 1,1-Dichloropropene	7.98	75	24819	4.925	ug/l #	48
38) Carbon Tetrachloride	7.98	117	33854	6.365	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	128530	53.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	128530	117.358	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.39	75	59	Below Cal	#	1

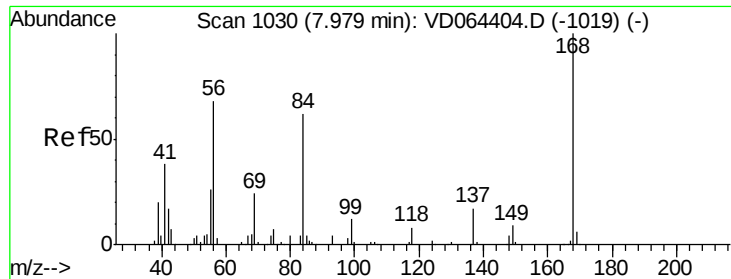
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121719\
Data File : VD064554.D
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Misc : 5.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PF-F

Quant Time: Dec 18 00:50:00 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: VD064554.D

Acq: 17 Dec 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

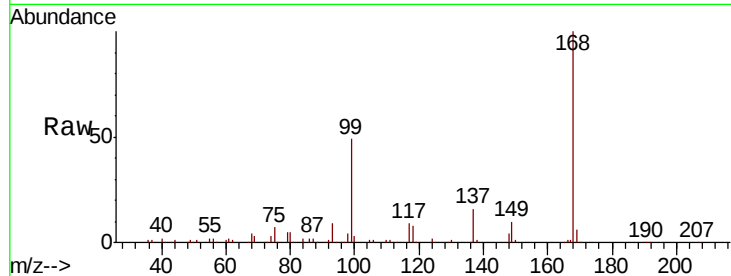
PF-F

Tgt Ion:168 Resp: 349733

Ion Ratio Lower Upper

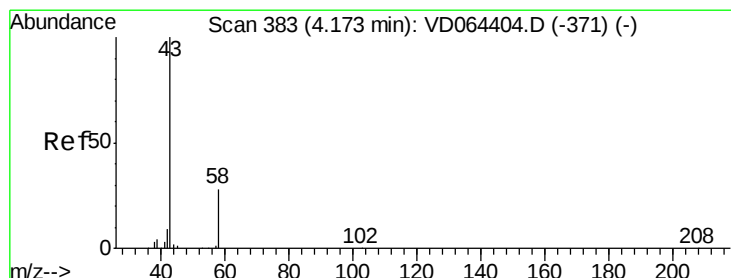
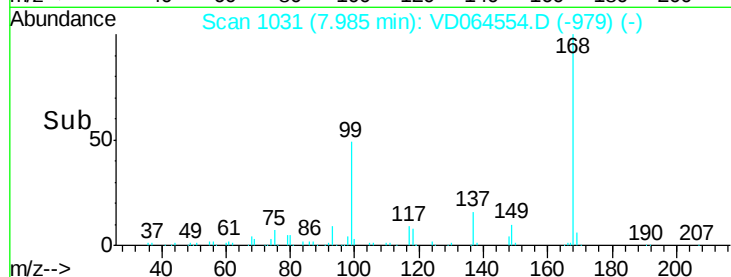
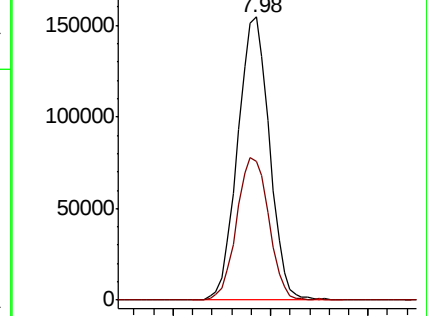
168 100

99 48.8 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: 5.401 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064554.D

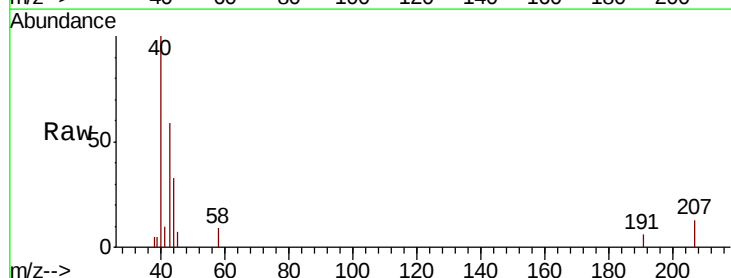
Acq: 17 Dec 2019 19:29

Tgt Ion: 43 Resp: 3455

Ion Ratio Lower Upper

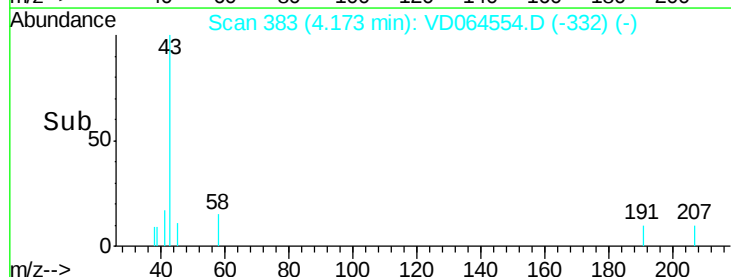
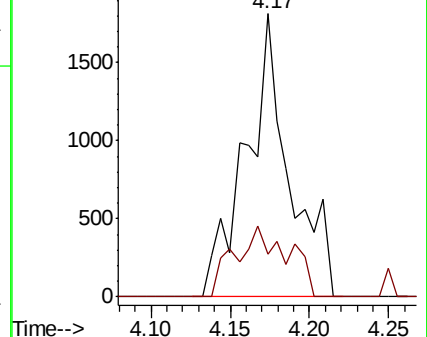
43 100

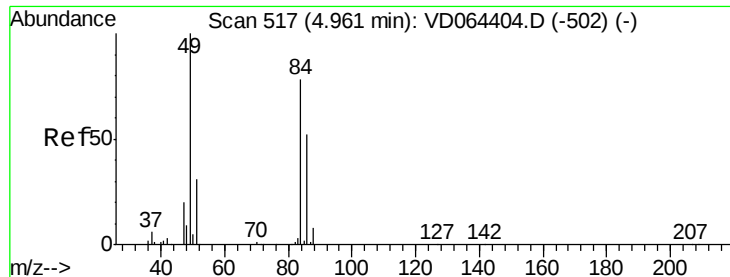
58 15.3 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

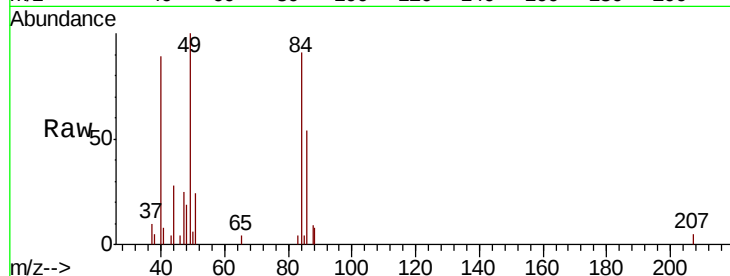




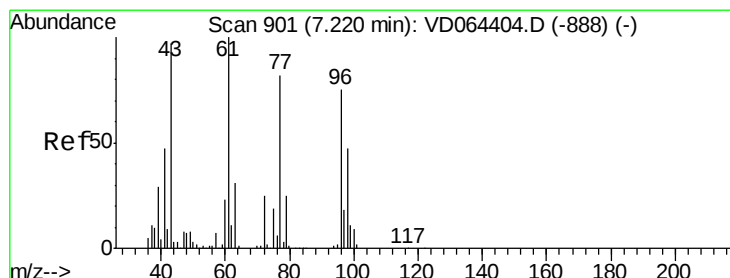
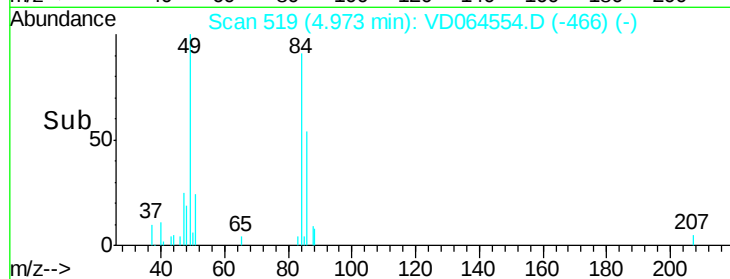
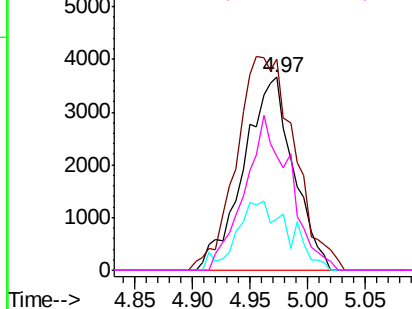
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
PF-F

Tgt Ion: 84 Resp: 11073
Ion Ratio Lower Upper
84 100
49 109.4 102.6 153.8
51 26.6 32.0 48.0#
86 58.7 53.4 80.0

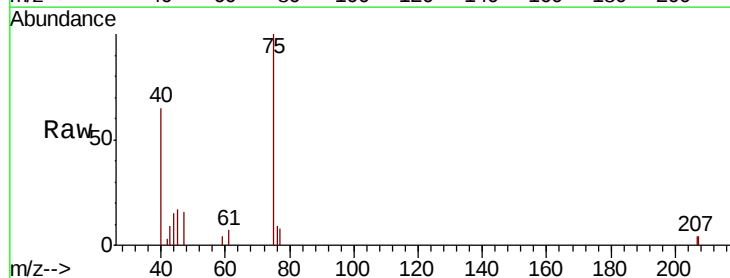


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

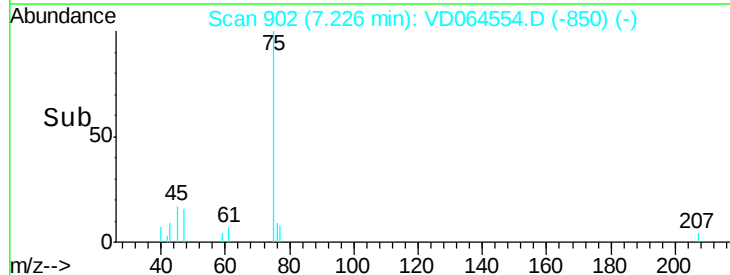
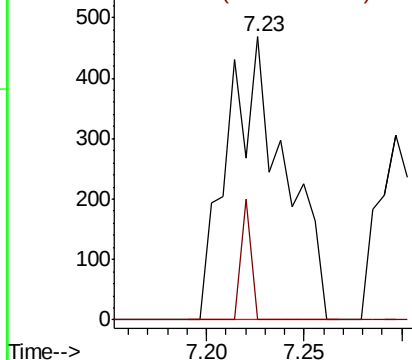


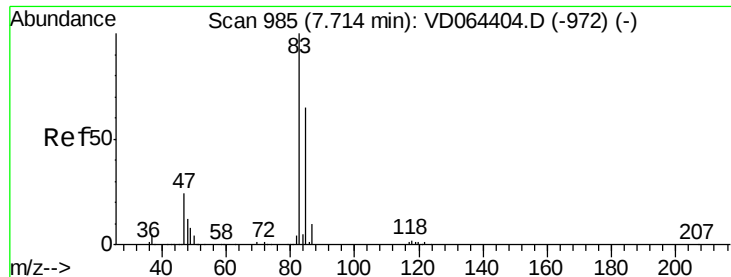
#25
2-Butanone
Concen: 1.047 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

Tgt Ion: 43 Resp: 947
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

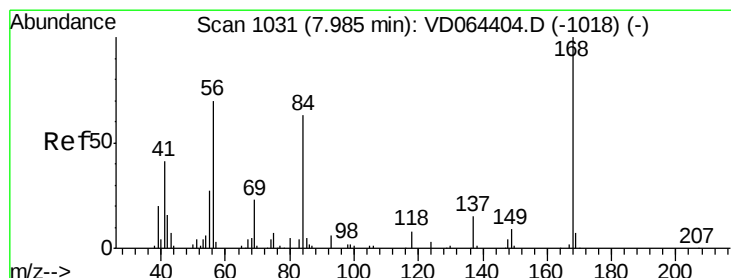
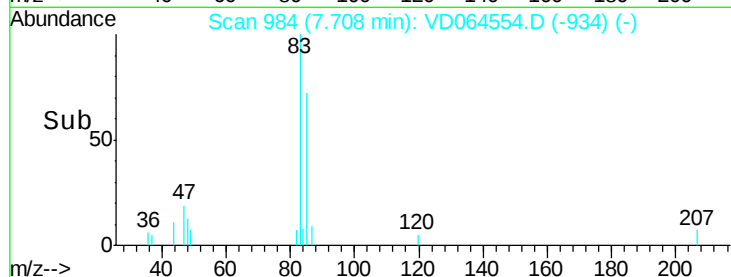
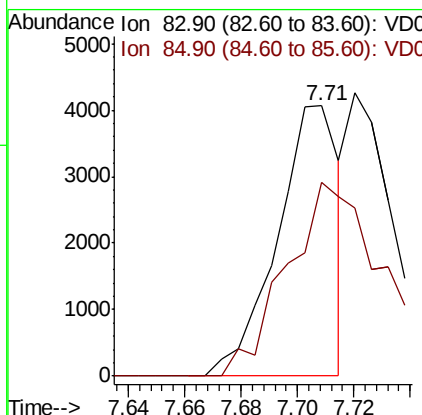
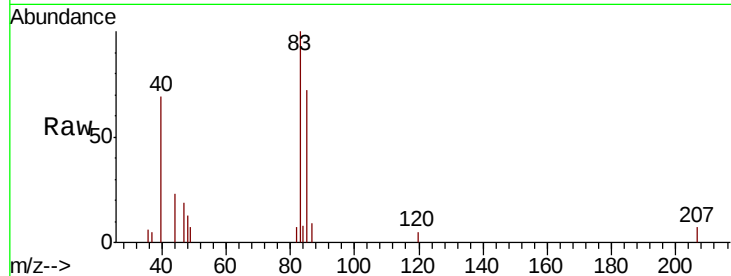




#30
Chloroform
Concen: 1.021 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

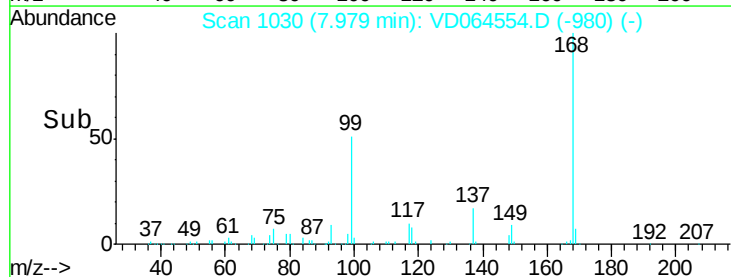
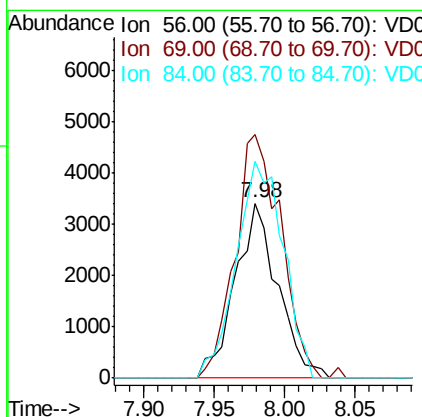
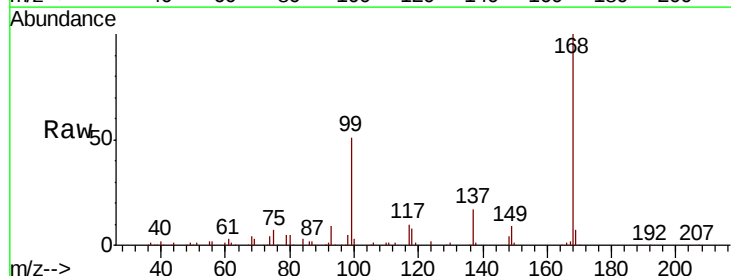
Instrument :
MSVOA_D
ClientSampleId :
PF-F

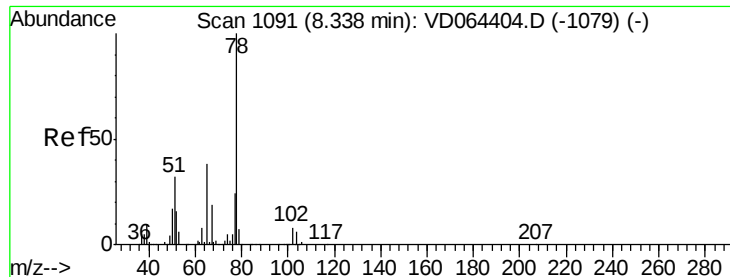
Tgt Ion: 83 Resp: 6177
Ion Ratio Lower Upper
83 100
85 71.7 51.8 77.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

Tgt Ion: 56 Resp: 7225
Ion Ratio Lower Upper
56 100
69 139.2 26.2 39.4#
84 124.1 70.3 105.5#

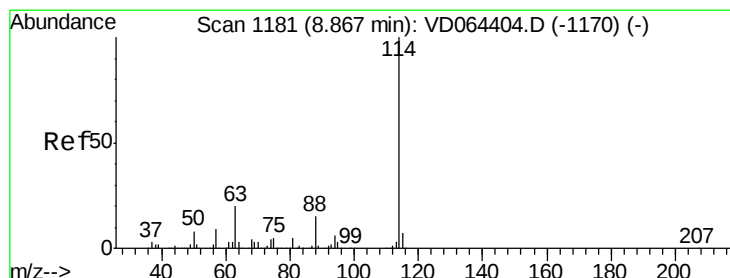
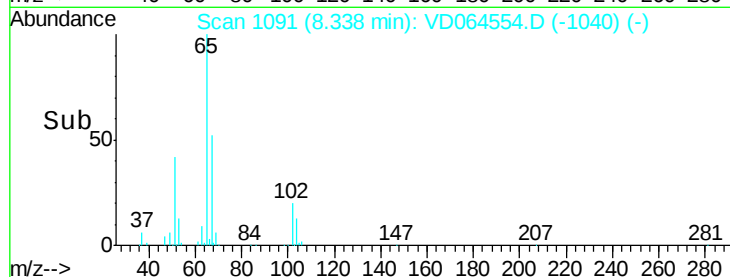
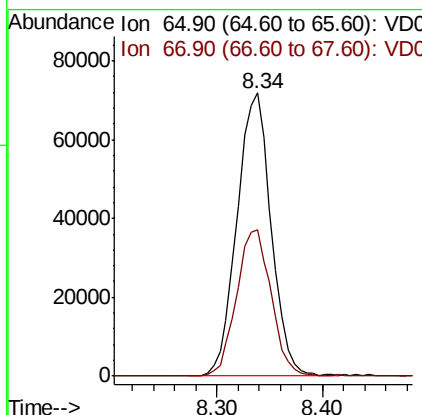
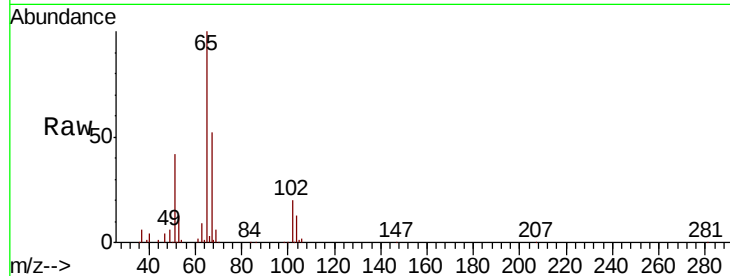




#33
 1,2-Dichloroethane-d4
 Concen: 50.832 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064554.D
 Acq: 17 Dec 2019 19:29

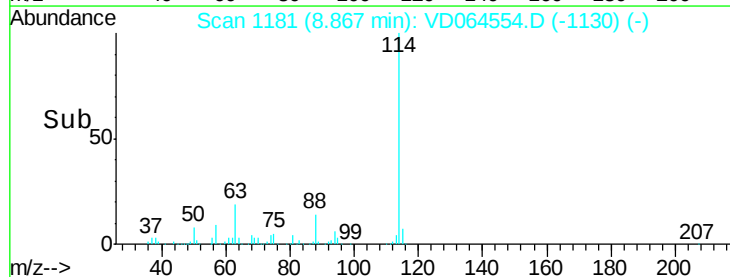
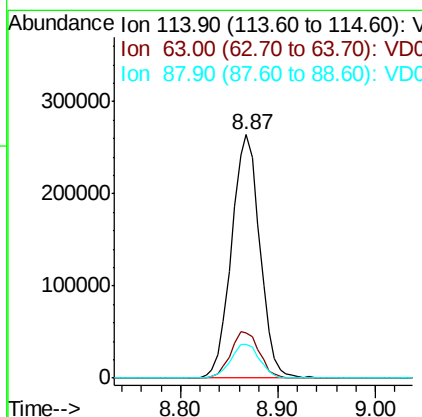
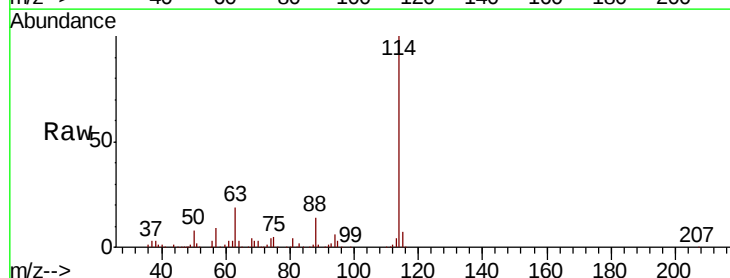
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-F

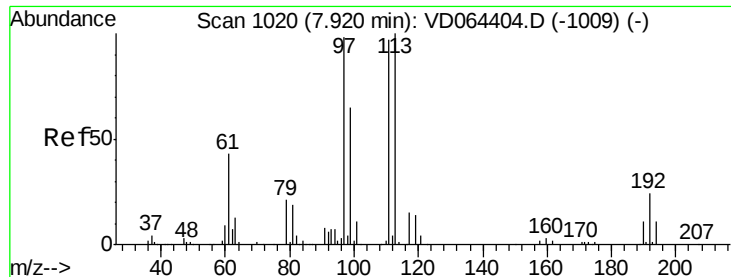
Tgt Ion: 65 Resp: 160912
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064554.D
 Acq: 17 Dec 2019 19:29

Tgt Ion: 114 Resp: 532822
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 13.9 0.0 29.2

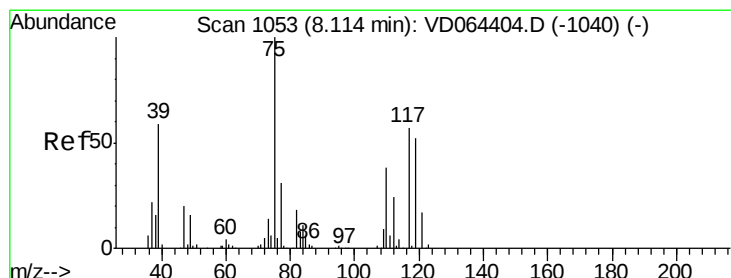
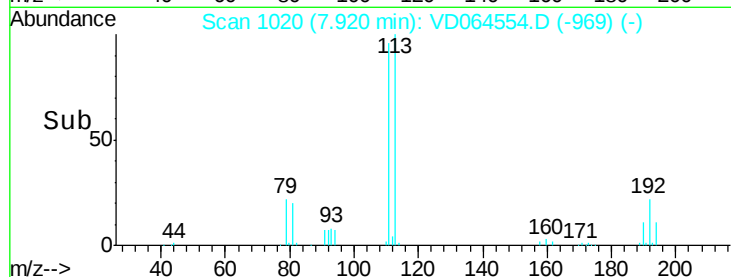
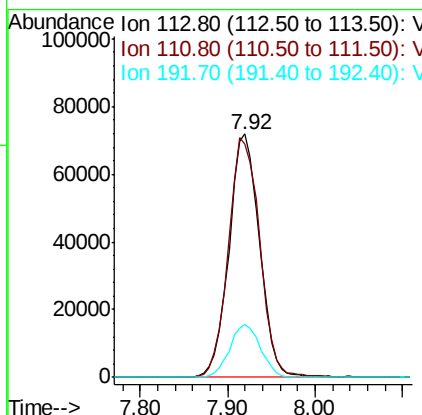
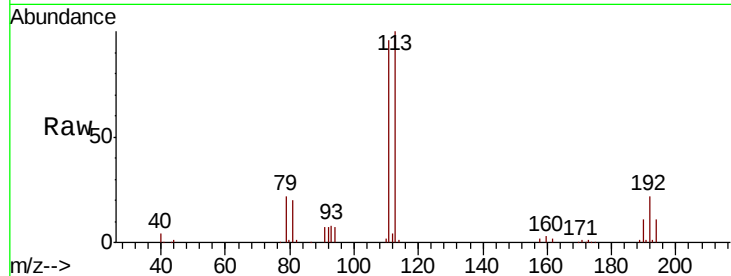




#35
 Dibromofluoromethane
 Concen: 50.723 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064554.D
 Acq: 17 Dec 2019 19:29

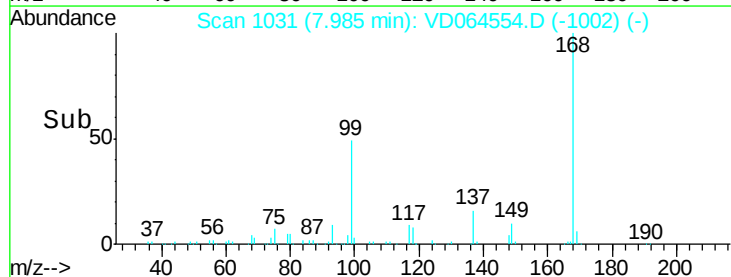
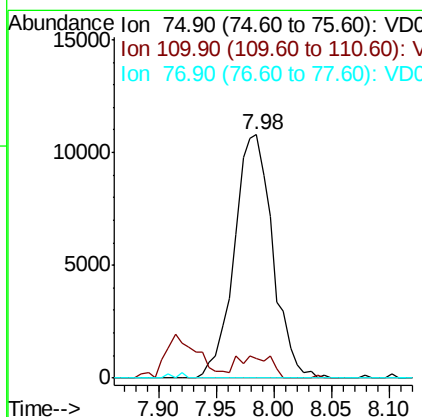
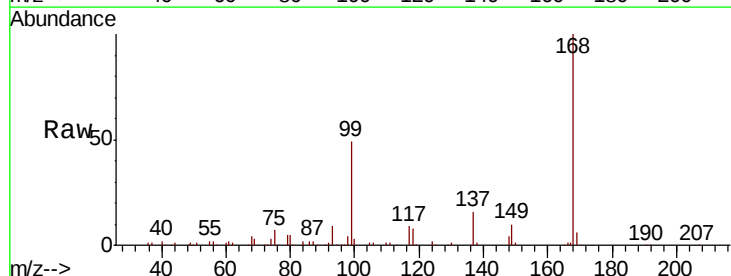
Instrument :
 MSVOA_D
 ClientSampleId :
 PF-F

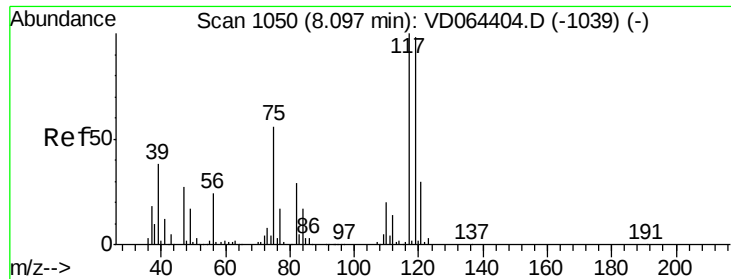
Tgt Ion: 113 Resp: 170278
 Ion Ratio Lower Upper
 113 100
 111 101.0 79.4 119.2
 192 21.7 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064554.D
 Acq: 17 Dec 2019 19:29

Tgt Ion: 75 Resp: 24819
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.6 55.8#
 77 0.0 25.0 37.4#

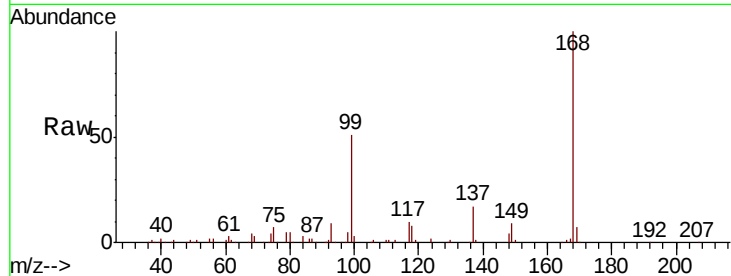




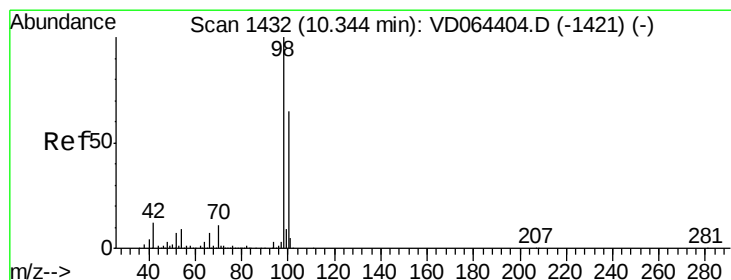
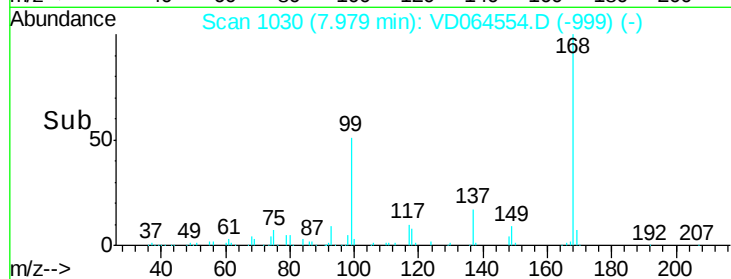
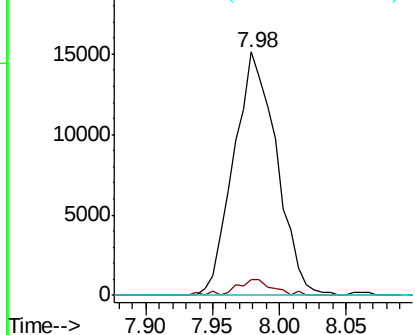
#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

Instrument :
MSVOA_D
ClientSampleId :
PF-F

Tgt Ion: 117 Resp: 33854
Ion Ratio Lower Upper
117 100
119 6.4 78.8 118.2#
121 0.0 24.2 36.2#

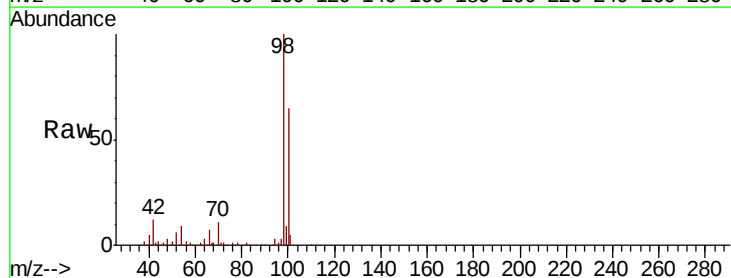


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

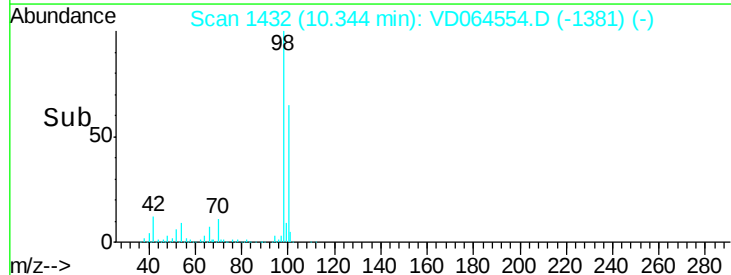
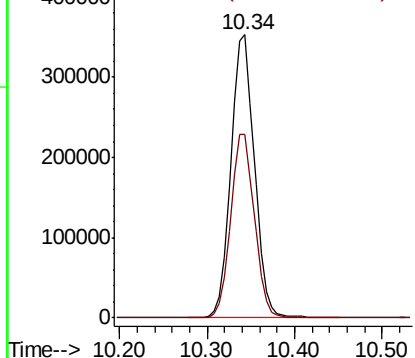


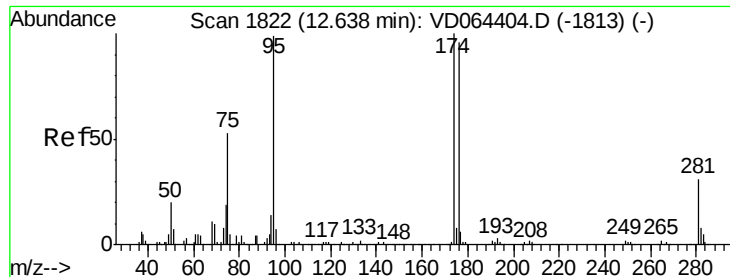
#50
Toluene-d8
Concen: 50.971 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064554.D
Acq: 17 Dec 2019 19:29

Tgt Ion: 98 Resp: 644558
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD





#62

4-Bromofluorobenzene

Concen: 59.862 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064554.D

Acq: 17 Dec 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

PF-F

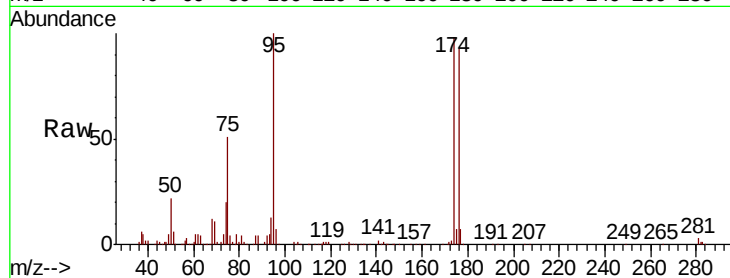
Tgt Ion: 95 Resp: 243275

Ion Ratio Lower Upper

95 100

174 95.5 0.0 197.2

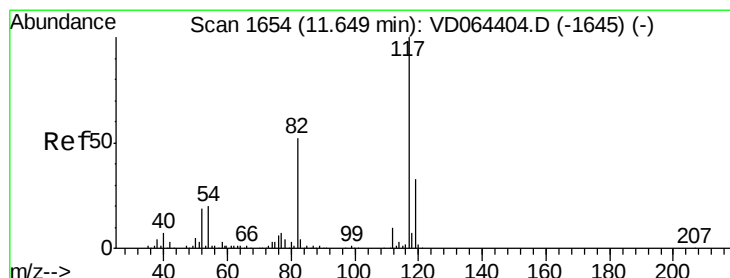
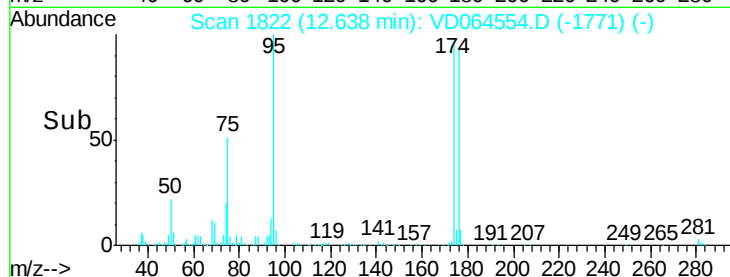
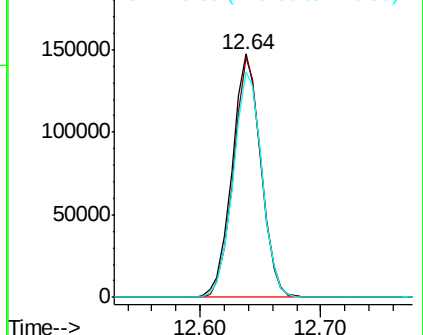
176 92.9 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064554.D

Acq: 17 Dec 2019 19:29

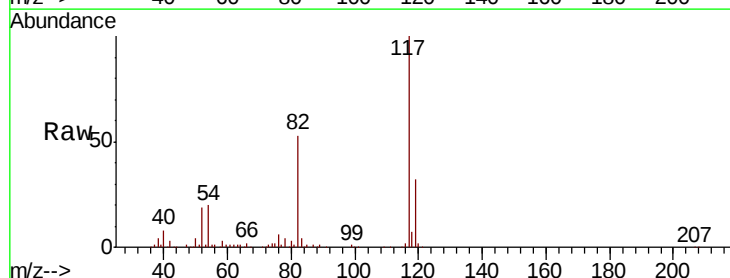
Tgt Ion: 117 Resp: 553011

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.2

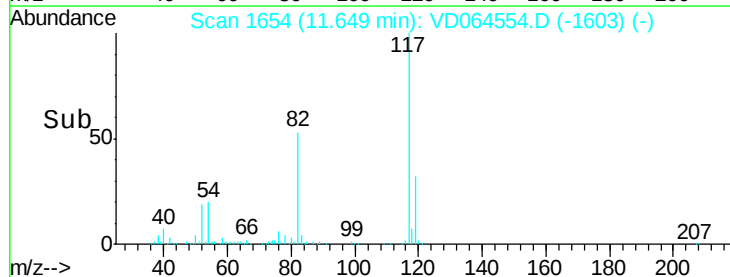
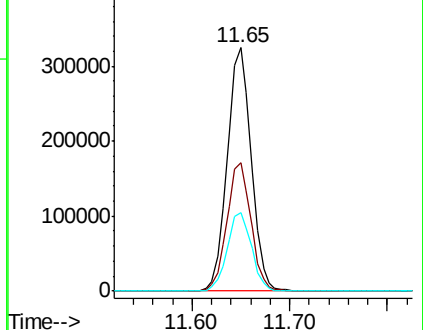
119 32.4 26.2 39.2

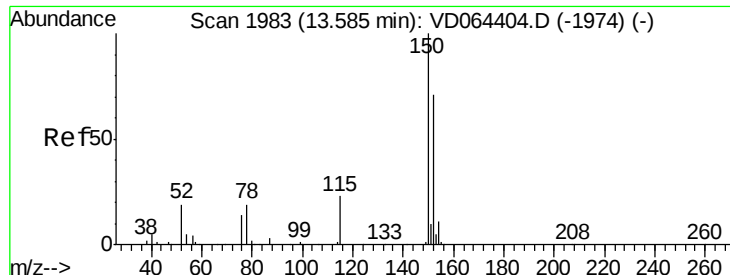


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VD064554.D

Acq: 17 Dec 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

PF-F

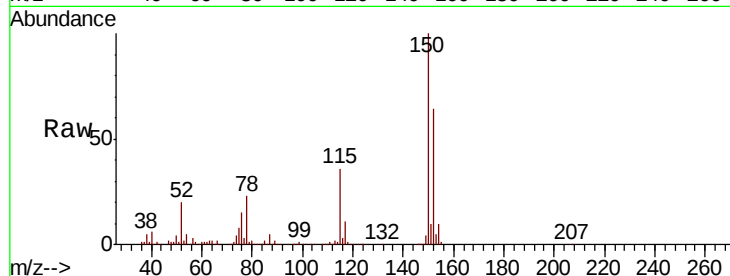
Tgt Ion: 152 Resp: 290394

Ion Ratio Lower Upper

152 100

115 53.8 26.7 80.1

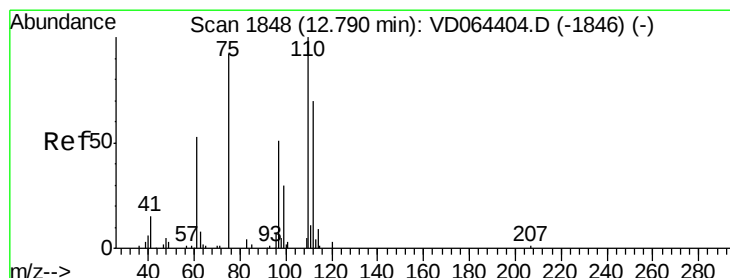
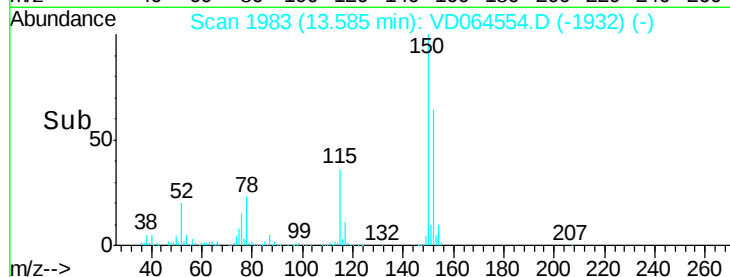
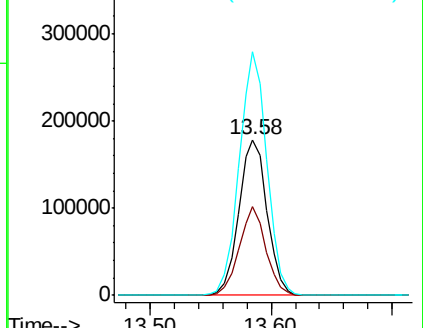
150 153.2 0.0 347.2



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: 53.821 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064554.D

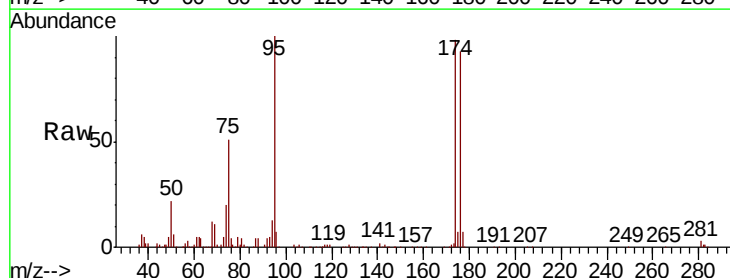
Acq: 17 Dec 2019 19:29

Tgt Ion: 75 Resp: 128530

Ion Ratio Lower Upper

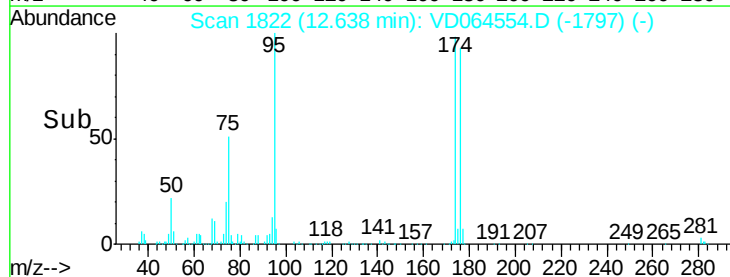
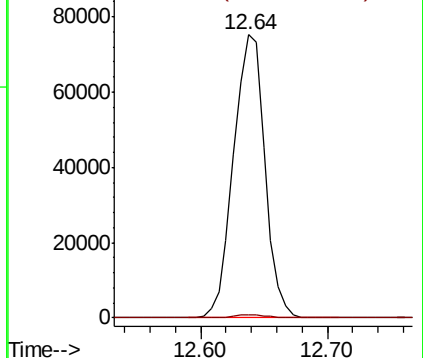
75 100

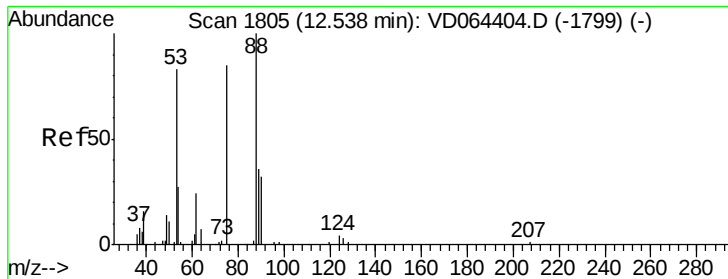
77 1.3 0.0 0.0#



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: 117.358 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064554.D

Acq: 17 Dec 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

PF-F

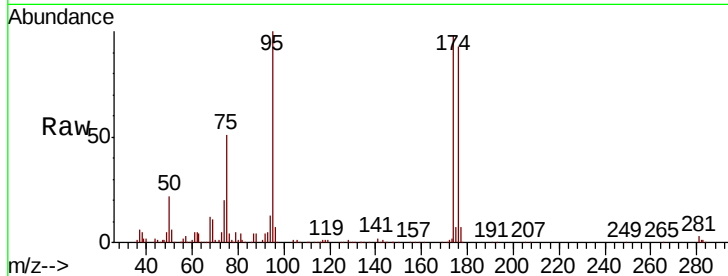
Tgt Ion: 75 Resp: 128530

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

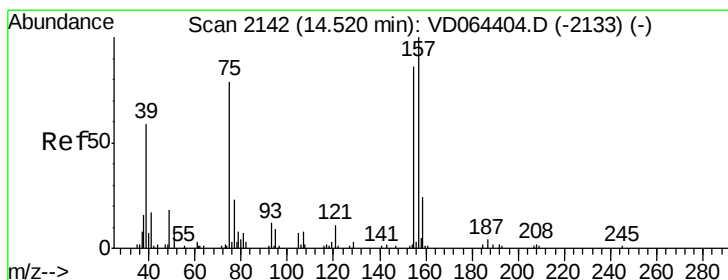
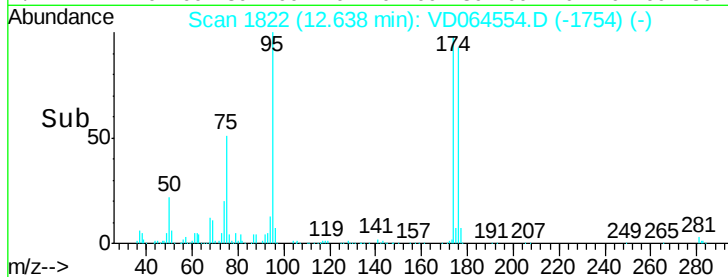
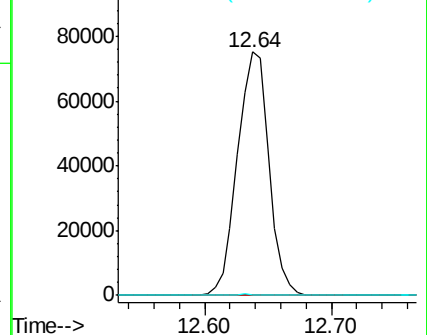
89 0.1 38.5 57.7#



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: 14.39 min Scan# 2120

Delta R.T. -0.13 min

Lab File: VD064554.D

Acq: 17 Dec 2019 19:29

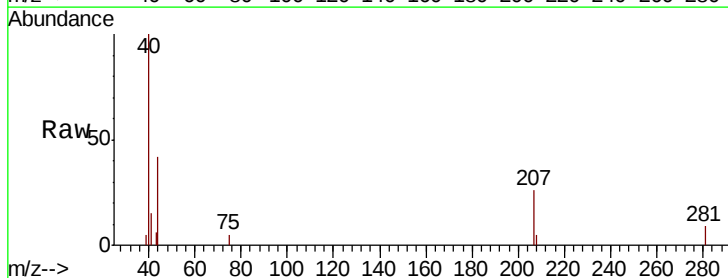
Tgt Ion: 75 Resp: 59

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

