

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064867.D
 Acq On : 17 Jan 2020 17:10
 Operator : VA/SY
 Sample : L1136-07
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-5

Quant Time: Jan 17 22:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	391871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	653860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	604101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284457	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	202196	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
35) Dibromofluoromethane	7.92	113	210729	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	10.34	98	794534	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	245874	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	

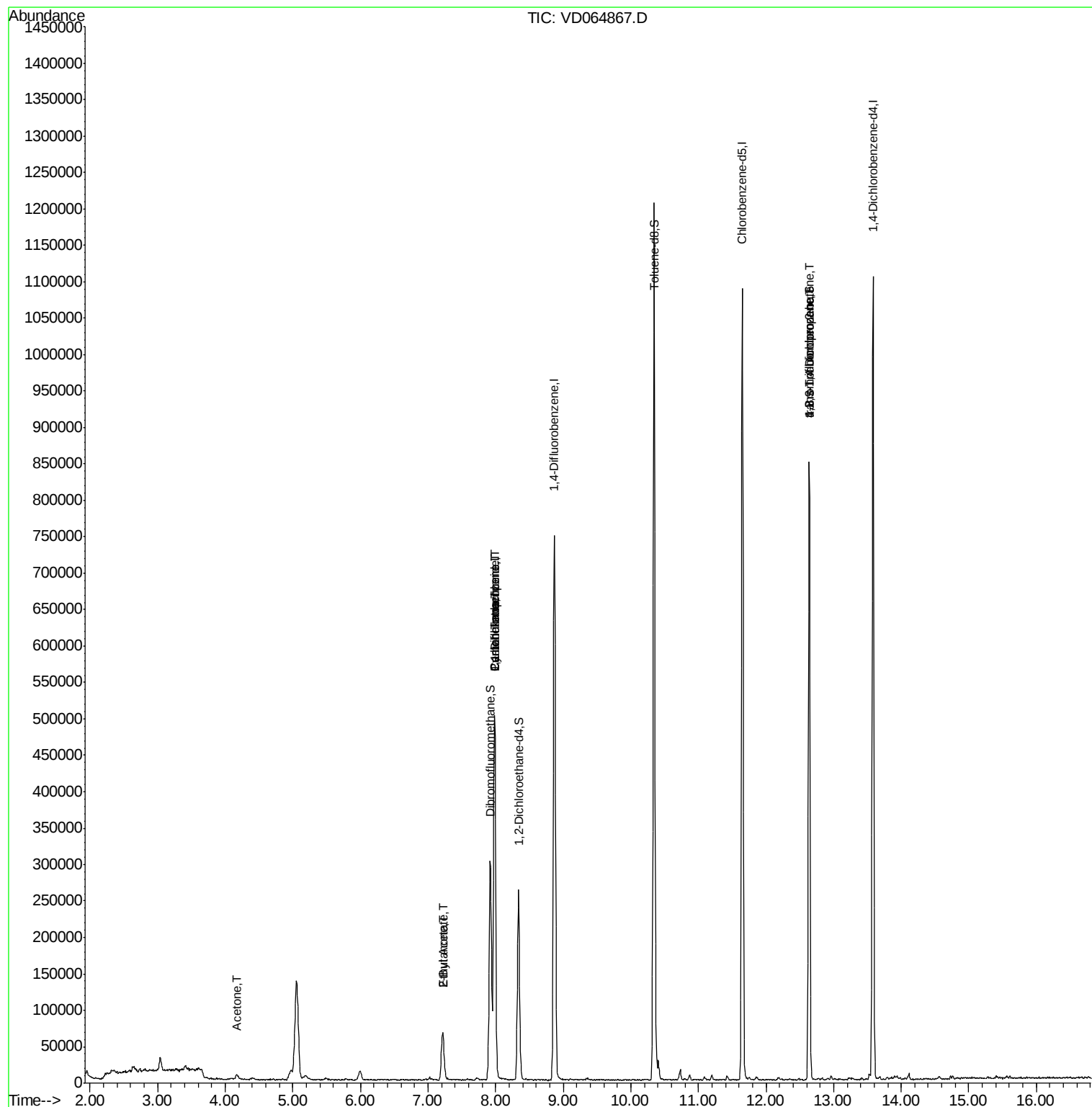
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	12479	19.34	ug/l	93
20) Methylene Chloride	4.96	84	9037	Below Cal	#	69
25) 2-Butanone	7.23	43	3906	4.11	ug/l	# 69
31) Cyclohexane	7.98	56	9324	1.45	ug/l	# 1
36) 1,1-Dichloropropene	7.98	75	29980	4.76	ug/l	# 50
37) Ethyl Acetate	7.23	43	3906	1.58	ug/l	# 1
38) Carbon Tetrachloride	7.99	117	38999	5.81	ug/l	# 14
76) 1,2,3-Trichloropropane	12.64	75	134065	59.68	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	134065	124.83	ug/l	# 10

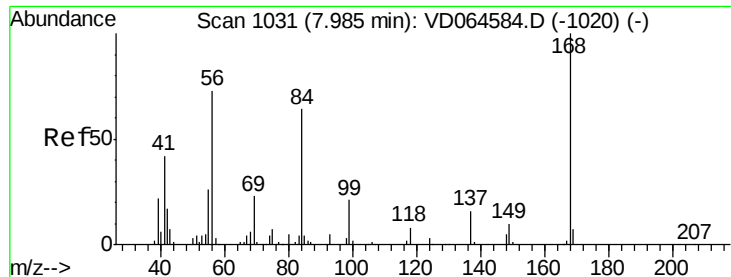
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
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Quant Time: Jan 17 22:53:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064867.D

Acq: 17 Jan 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

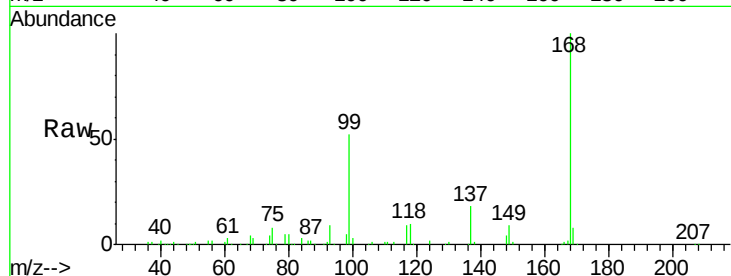
EP-5

Tgt Ion:168 Resp: 391871

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

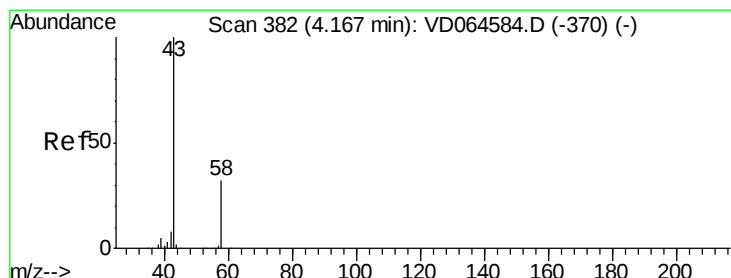
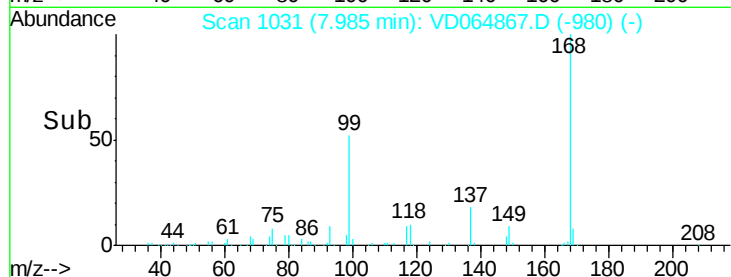
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.34 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064867.D

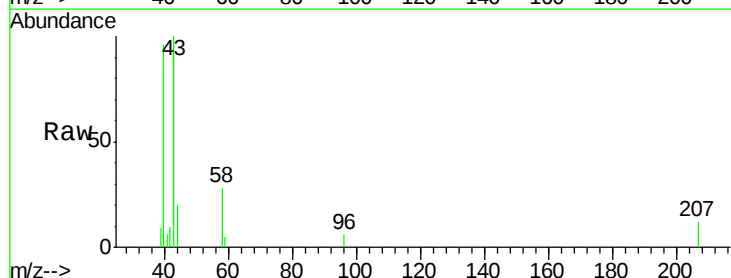
Acq: 17 Jan 2020 17:10

Tgt Ion: 43 Resp: 12479

Ion Ratio Lower Upper

43 100

58 28.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

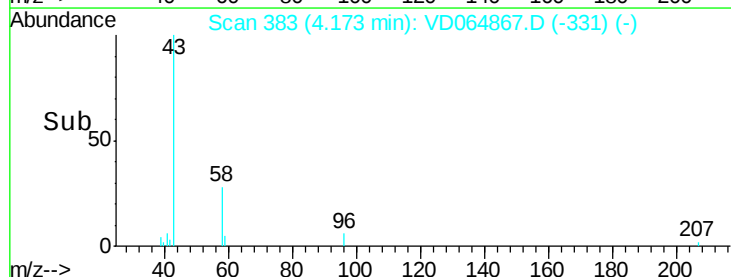
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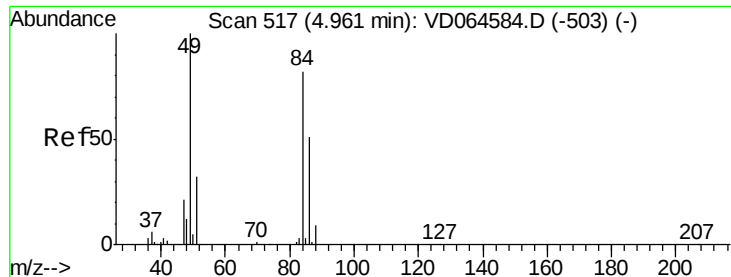
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1000

0

Time-->

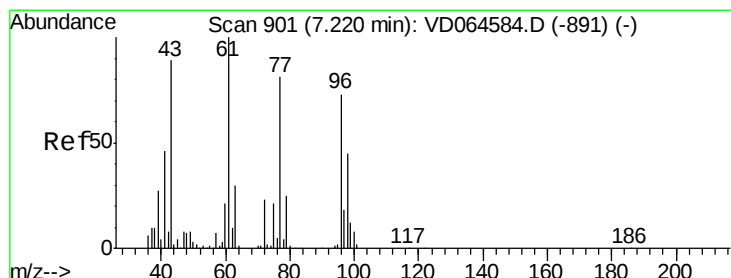
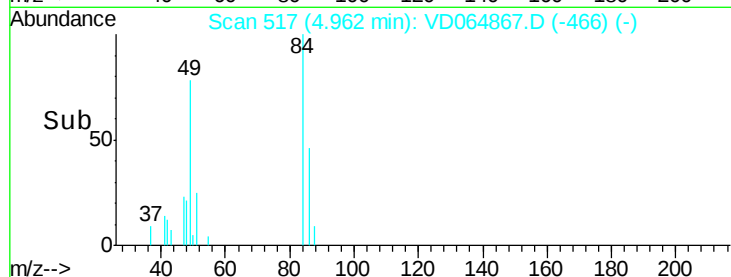
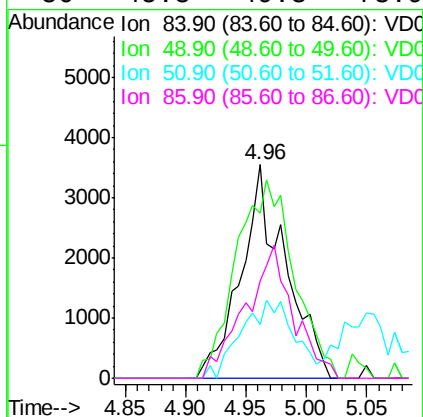
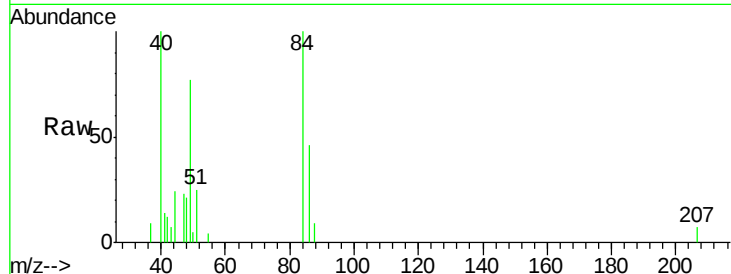




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

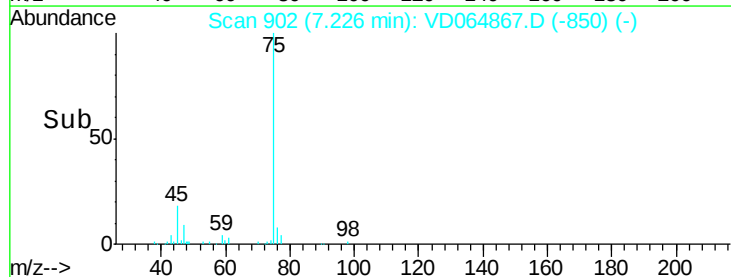
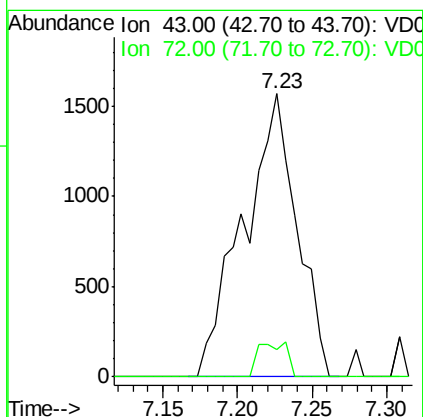
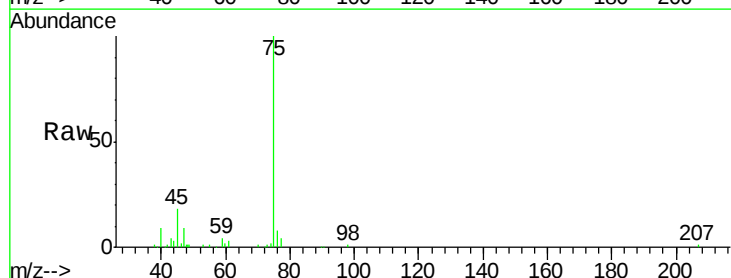
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MSVOA_D
ClientSampleID :
EP-5

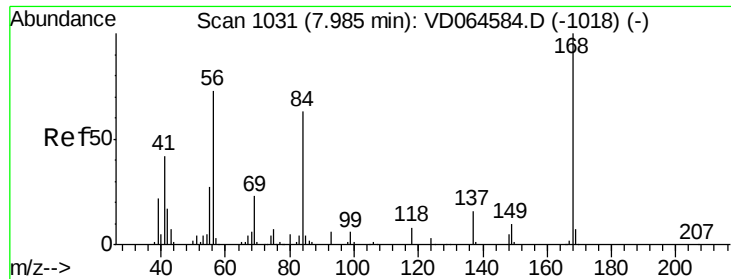
Tgt Ion: 84 Resp: 9037
Ion Ratio Lower Upper
84 100
49 77.5 97.2 145.8#
51 25.3 31.4 47.0#
86 45.8 49.3 73.9#



#25
2-Butanone
Concen: 4.11 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
72 9.9 20.7 31.1#

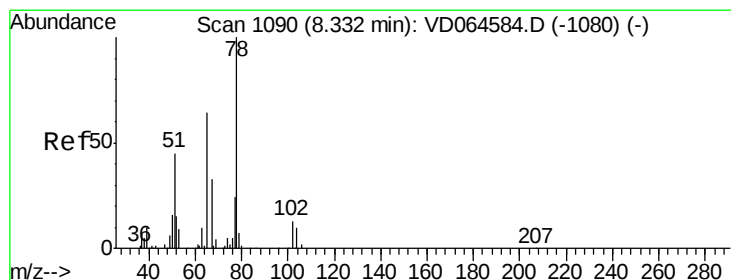
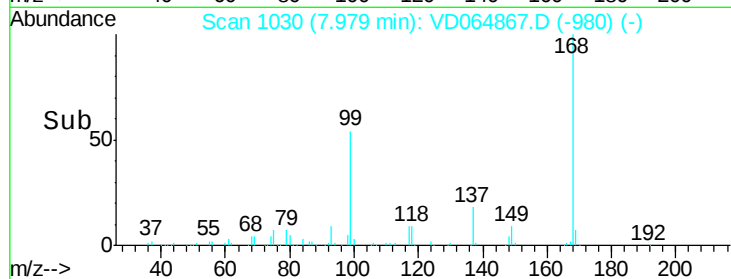
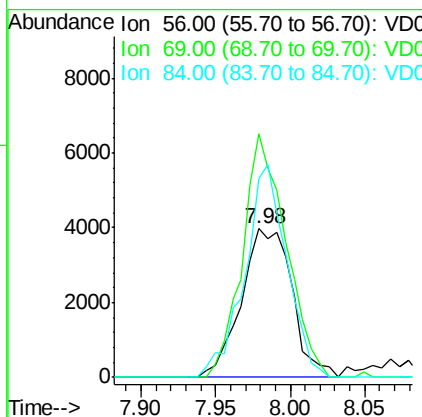
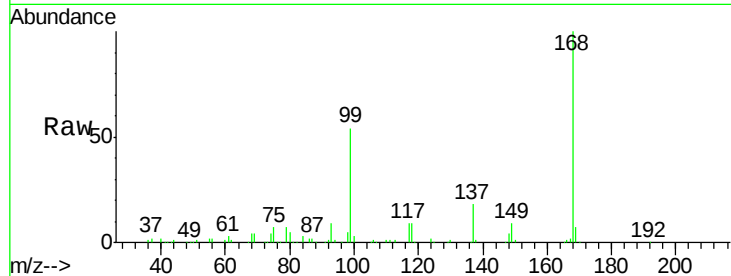




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

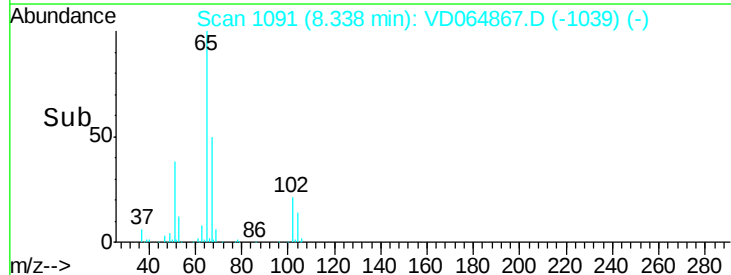
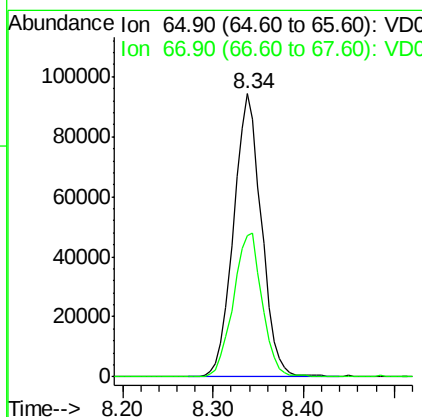
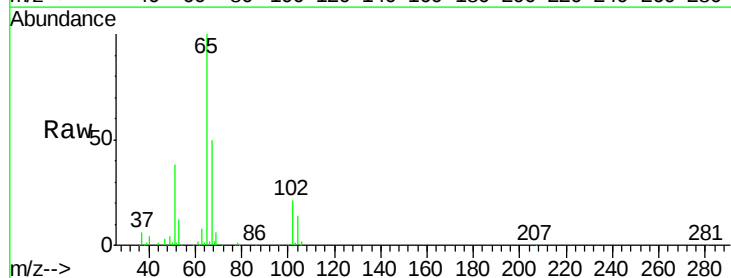
Instrument :
MSVOA_D
ClientSampled :
EP-5

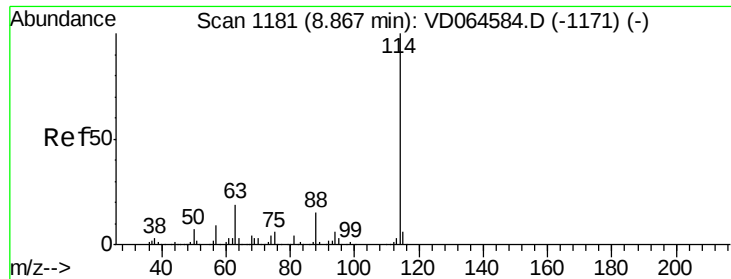
Tgt Ion: 56 Resp: 9324
Ion Ratio Lower Upper
56 100
69 163.9 24.7 37.1#
84 133.8 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 58.51 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

Tgt Ion: 65 Resp: 202196
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2

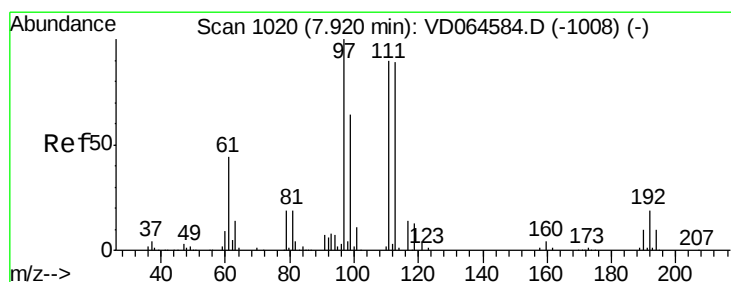
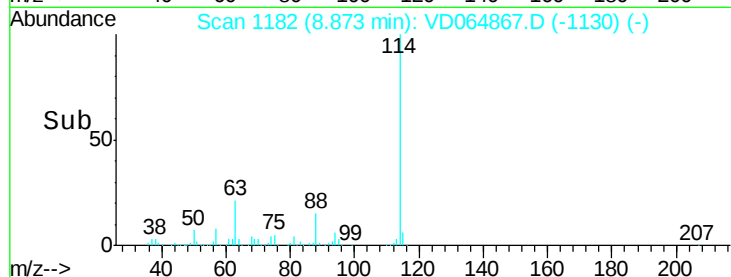
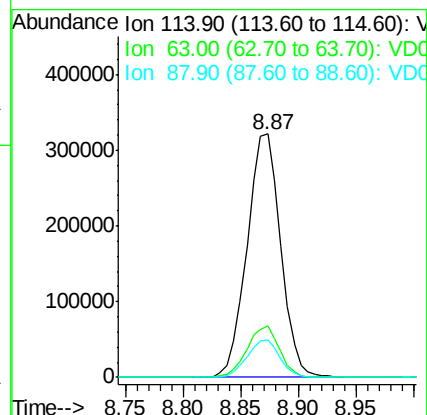
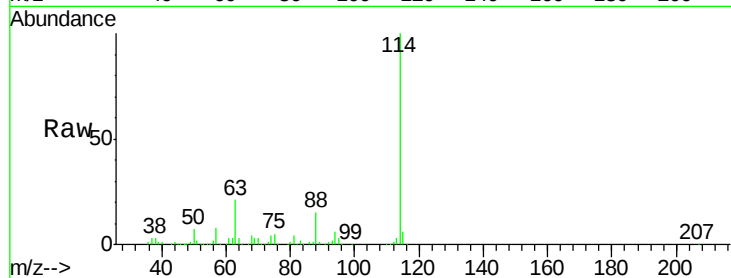




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064867.D
 Acq: 17 Jan 2020 17:10

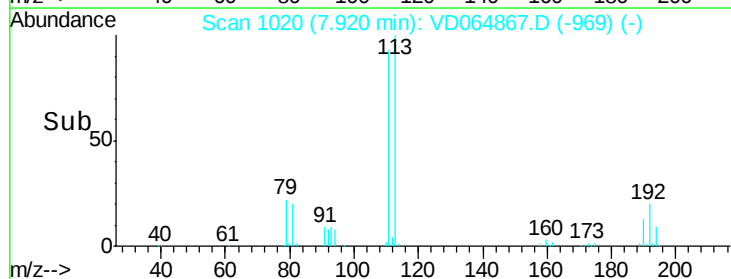
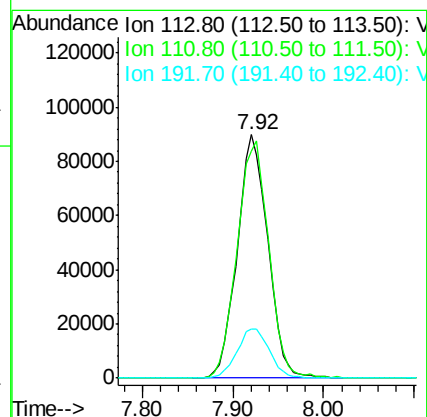
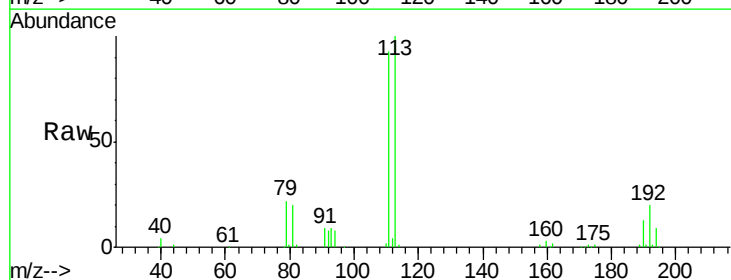
Instrument :
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 ClientSampleId :
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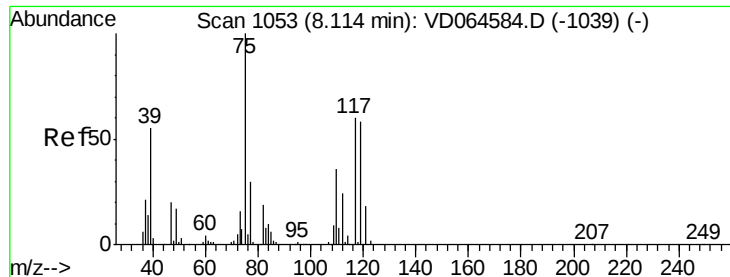
Tgt Ion:114 Resp: 653860
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.0
 88 15.4 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.53 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064867.D
 Acq: 17 Jan 2020 17:10

Tgt Ion:113 Resp: 210729
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.6 121.0
 192 21.3 17.9 26.9

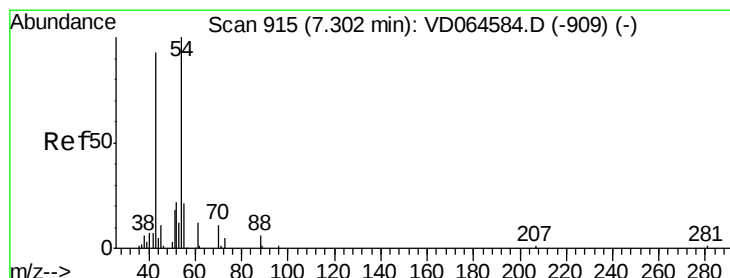
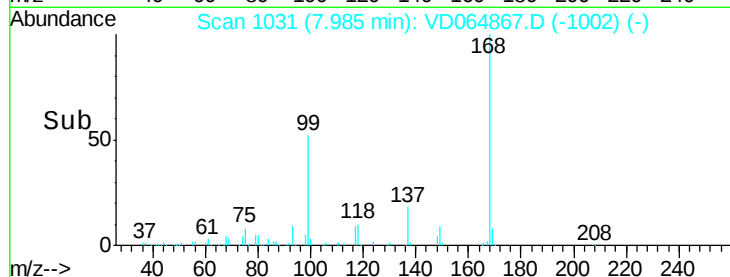
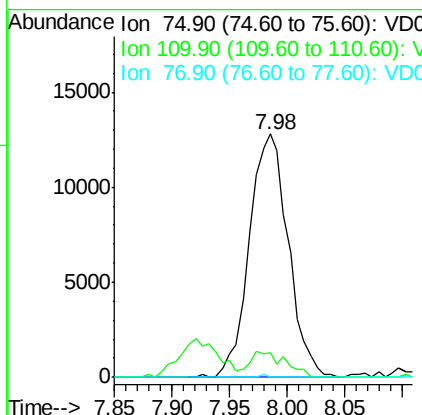
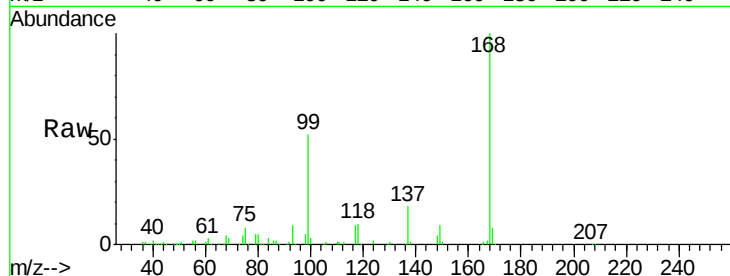




#36
 1,1-Dichloropropene
 Concen: 4.76 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064867.D
 Acq: 17 Jan 2020 17:10

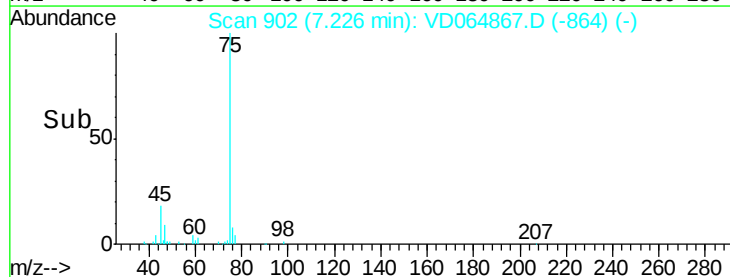
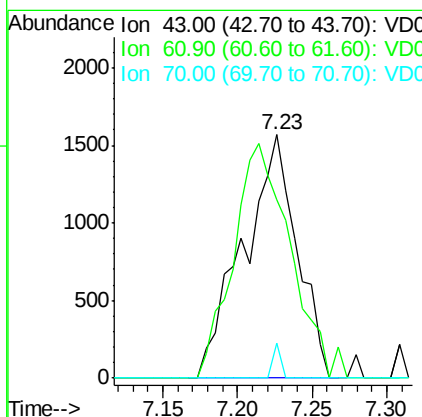
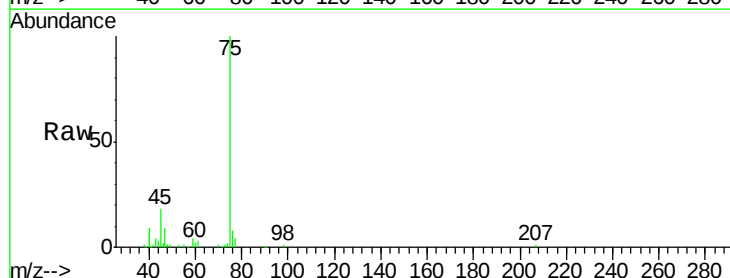
Instrument :
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 ClientSampleId :
 EP-5

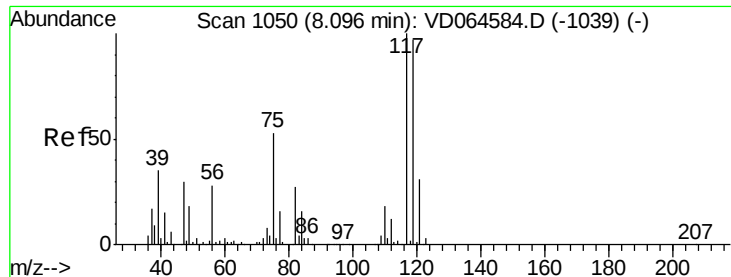
Tgt Ion: 75 Resp: 29980
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.1 54.1#
 77 0.2 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 1.58 ug/l
 RT: 7.23 min Scan# 902
 Delta R.T. -0.08 min
 Lab File: VD064867.D
 Acq: 17 Jan 2020 17:10

Tgt Ion: 43 Resp: 3906
 Ion Ratio Lower Upper
 43 100
 61 102.6 10.3 15.5#
 70 2.1 7.6 11.4#

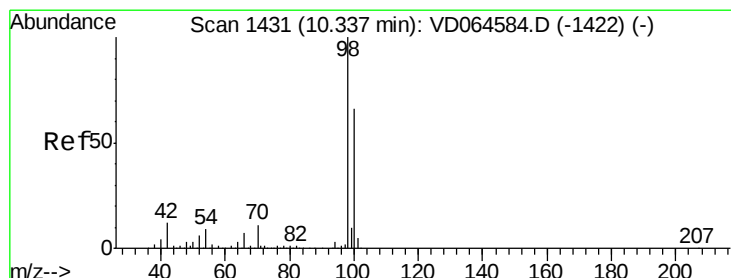
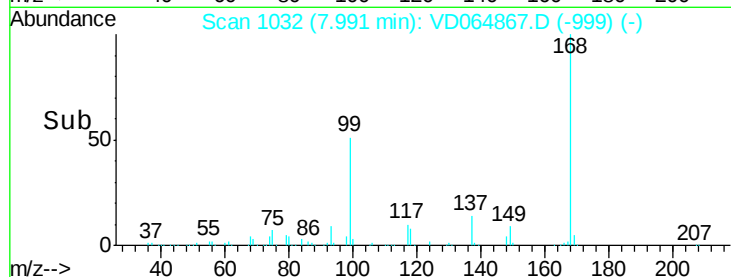
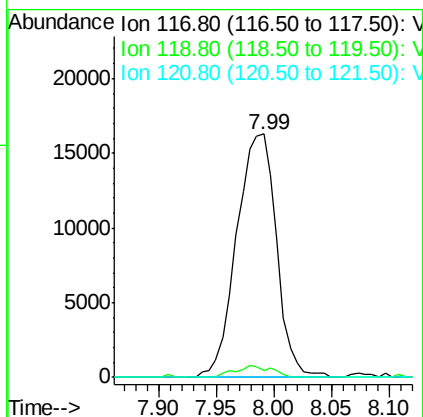
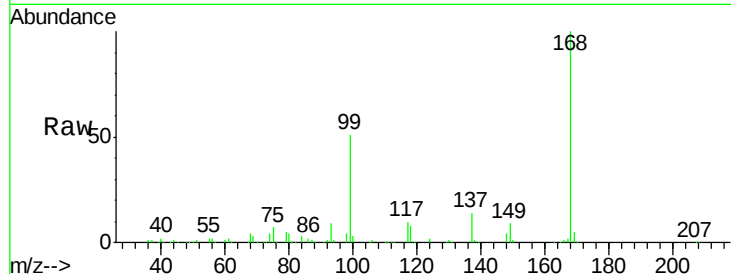




#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

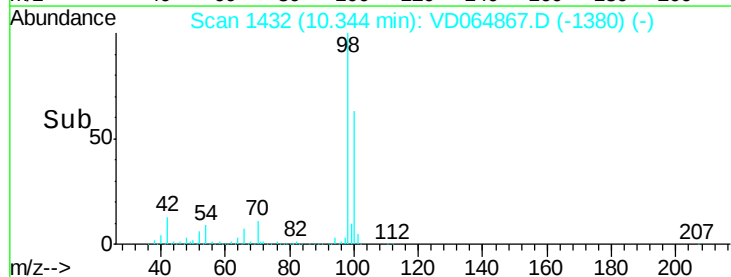
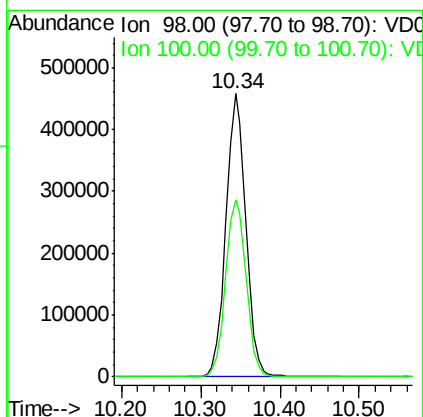
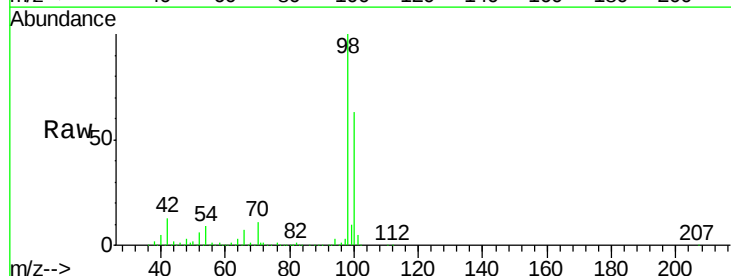
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MSVOA_D
ClientSampled :
EP-5

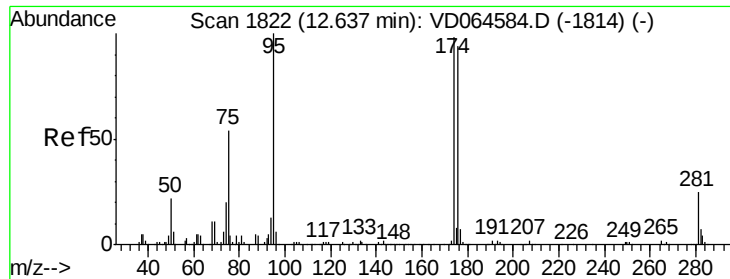
Tgt Ion:117 Resp: 38999
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

Tgt Ion: 98 Resp: 794534
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

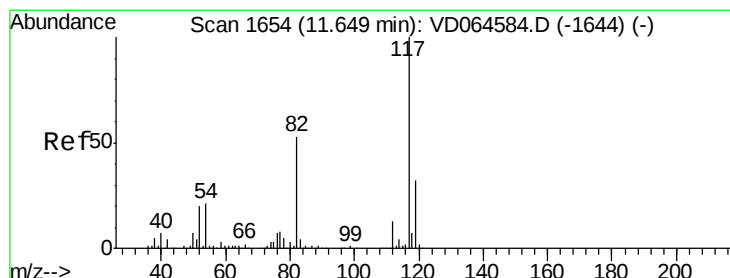
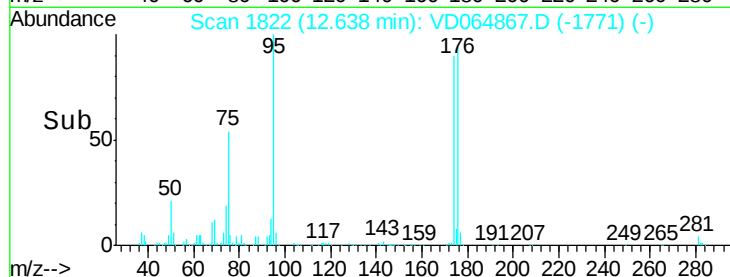
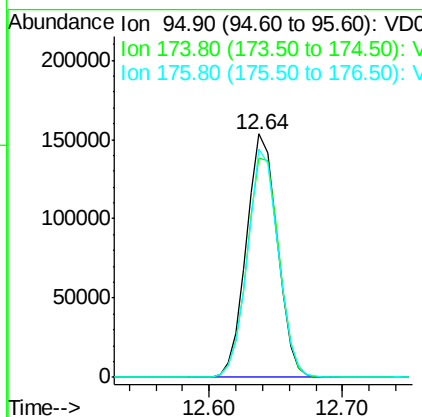
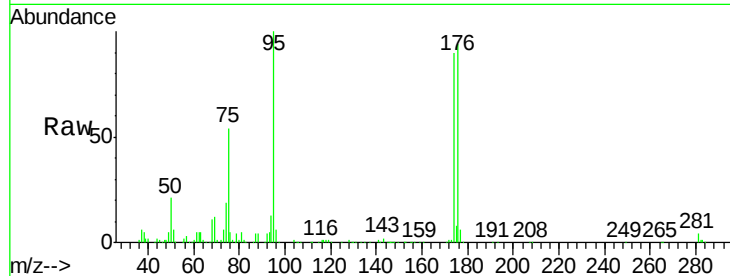




#62
4-Bromofluorobenzene
Concen: 50.61 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

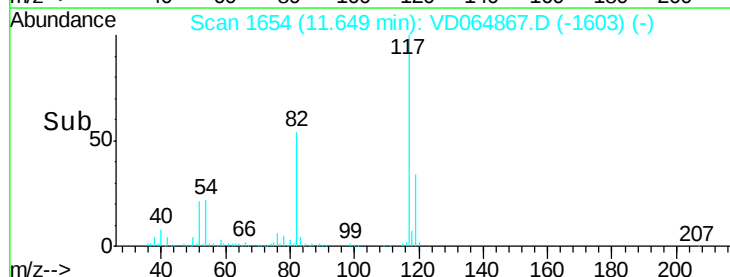
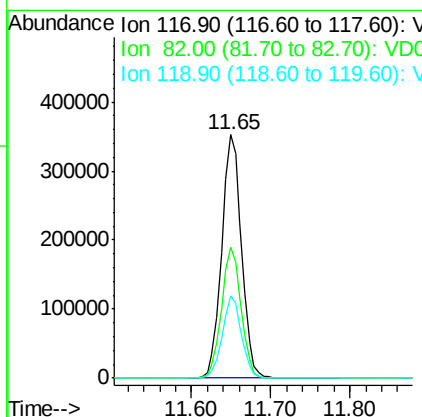
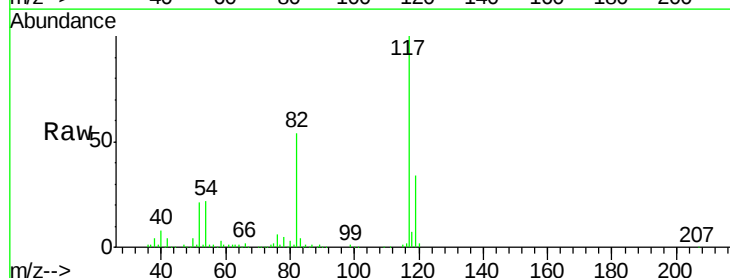
Instrument :
MSVOA_D
ClientSampleId :
EP-5

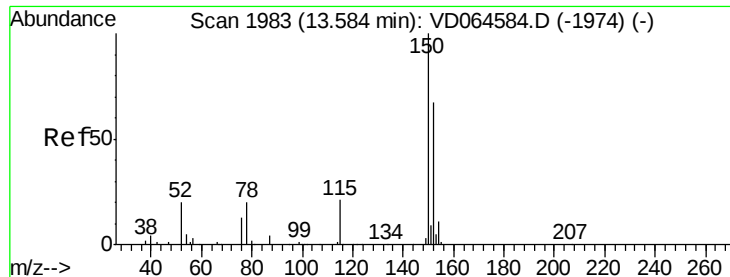
Tgt Ion: 95 Resp: 245874
Ion Ratio Lower Upper
95 100
174 93.5 0.0 193.2
176 92.9 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064867.D
Acq: 17 Jan 2020 17:10

Tgt Ion: 117 Resp: 604101
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 33.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064867.D

Acq: 17 Jan 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

EP-5

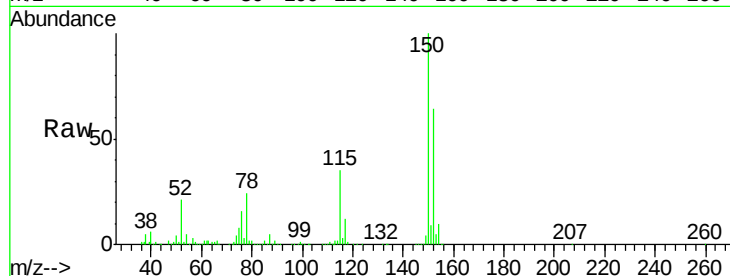
Tgt Ion:152 Resp: 284457

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

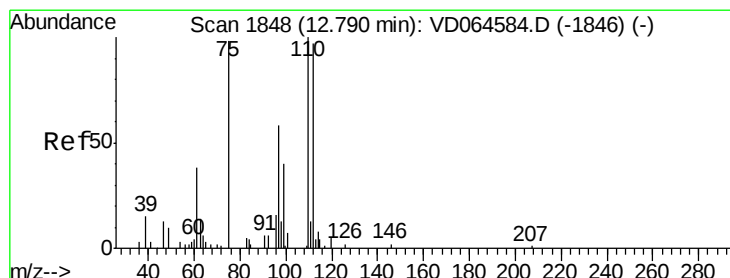
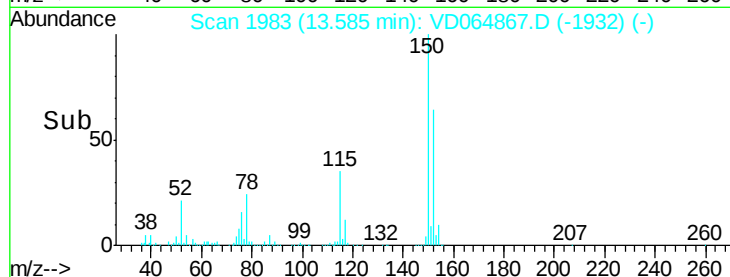
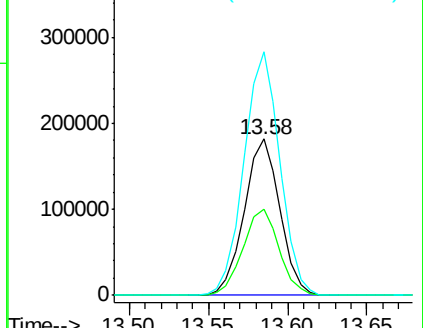
150 156.8 0.0 351.4



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: 59.68 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064867.D

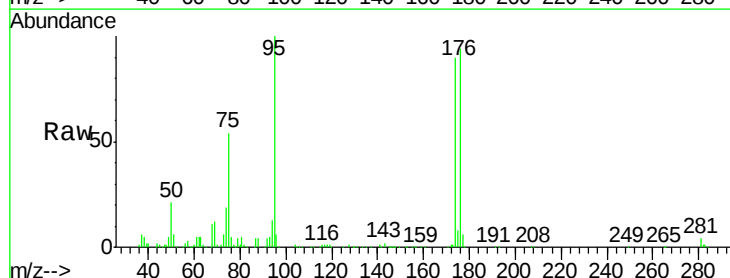
Acq: 17 Jan 2020 17:10

Tgt Ion: 75 Resp: 134065

Ion Ratio Lower Upper

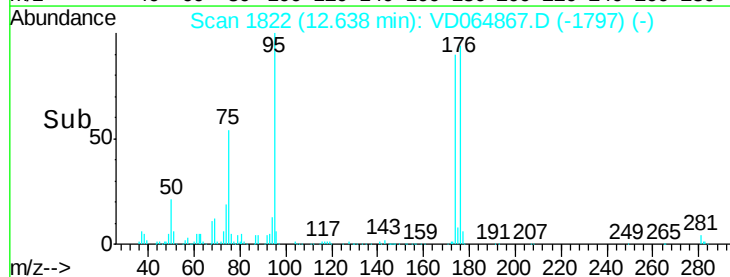
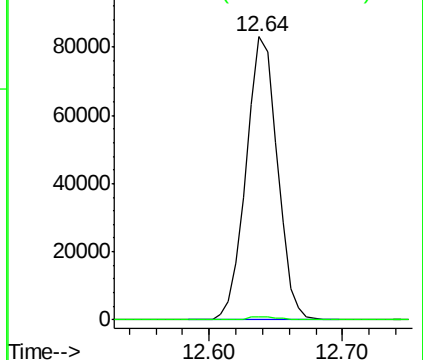
75 100

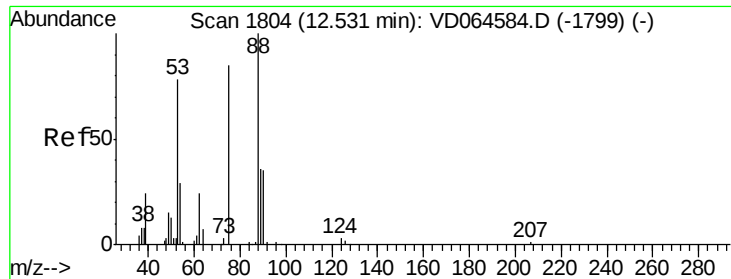
77 1.1 0.0 0.0#



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: 124.83 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064867.D

Acq: 17 Jan 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

EP-5

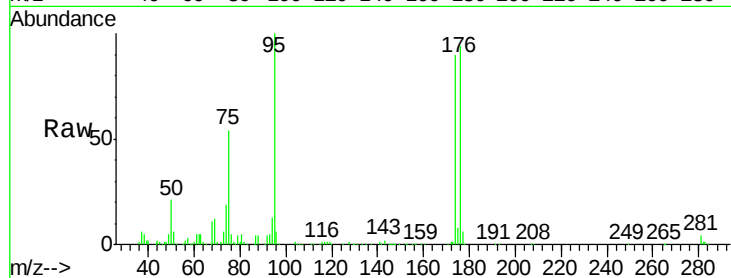
Tgt Ion: 75 Resp: 134065

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



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

