

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064869.D
 Acq On : 17 Jan 2020 18:07
 Operator : VA/SY
 Sample : L1136-09
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-7

Quant Time: Jan 17 22:54:11 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	390867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	647839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278694	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198758	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	7.93	113	202602	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.34	98	771325	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	241822	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

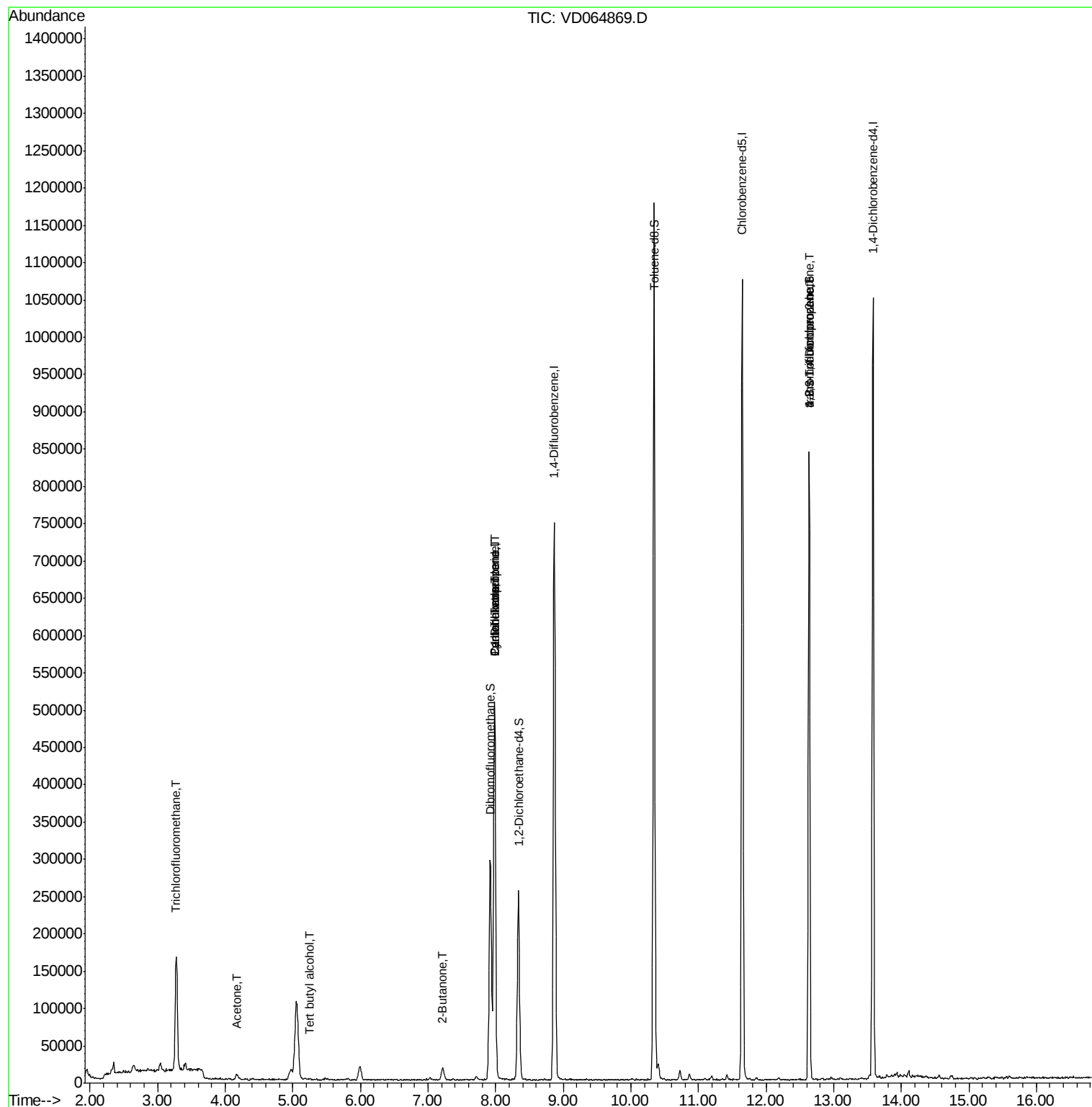
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	3.27	101	156078	17.90	ug/l	98
11) Tert butyl alcohol	5.25	59	253	1.28	ug/l	# 70
16) Acetone	4.17	43	13597	20.75	ug/l	# 78
20) Methylene Chloride	4.97	84	10169	Below Cal		89
25) 2-Butanone	7.21	43	1232	1.30	ug/l	# 49
31) Cyclohexane	7.98	56	8507	1.32	ug/l	# 19
36) 1,1-Dichloropropene	7.98	75	29174	4.68	ug/l	# 49
38) Carbon Tetrachloride	7.99	117	36929	5.55	ug/l	# 17
76) 1,2,3-Trichloropropane	12.64	75	129508	58.85	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	129508	123.08	ug/l	# 10

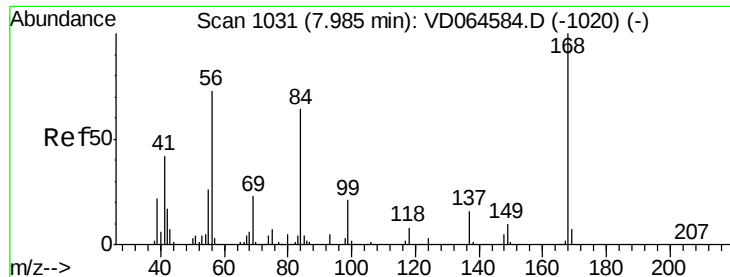
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
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Quant Time: Jan 17 22:54:11 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: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

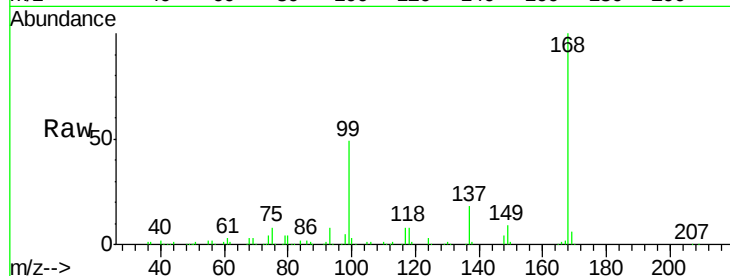
EP-7

Tgt Ion:168 Resp: 390867

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VD

7.98

200000

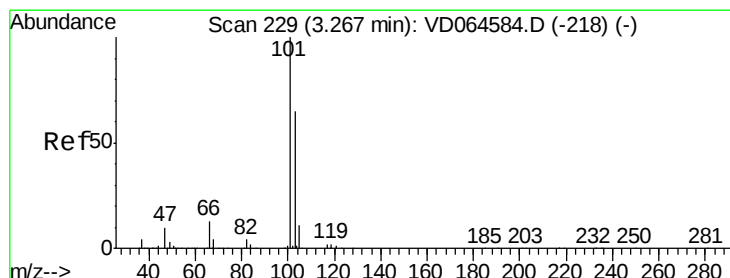
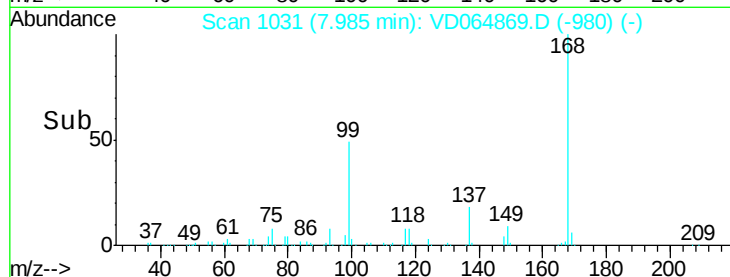
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 17.90 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD064869.D

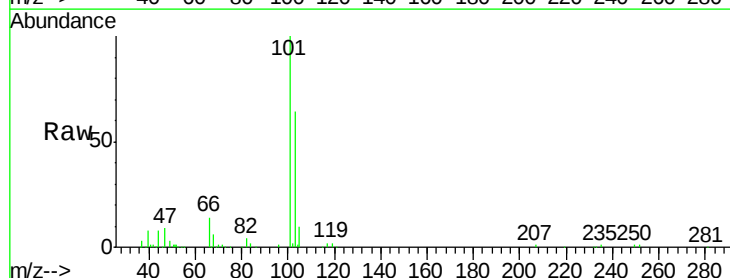
Acq: 17 Jan 2020 18:07

Tgt Ion:101 Resp: 156078

Ion Ratio Lower Upper

101 100

103 63.8 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

80000

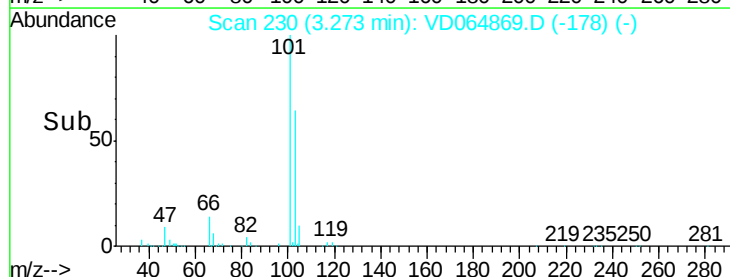
60000

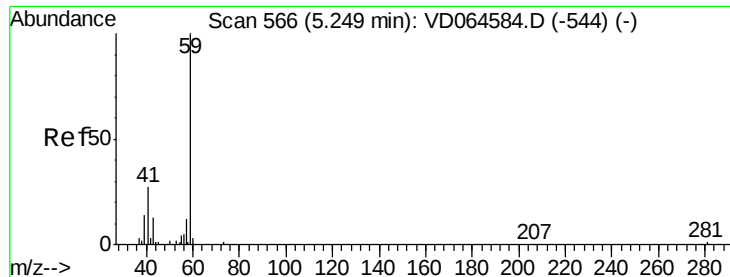
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20000

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Time-->



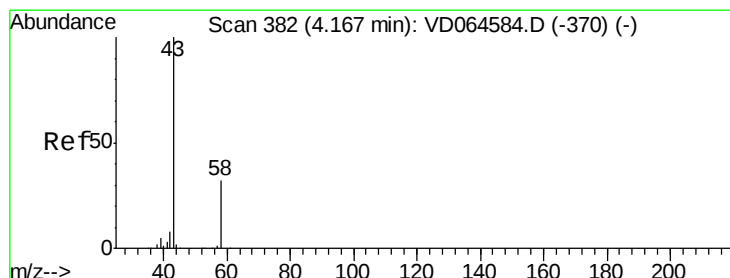
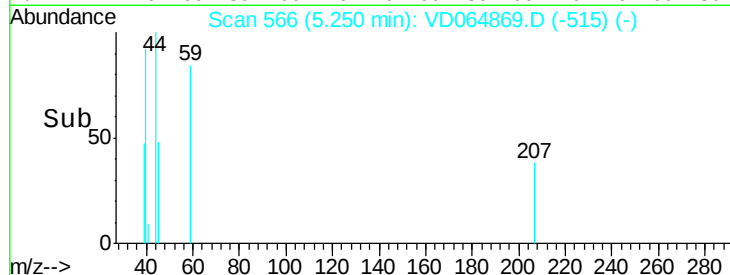
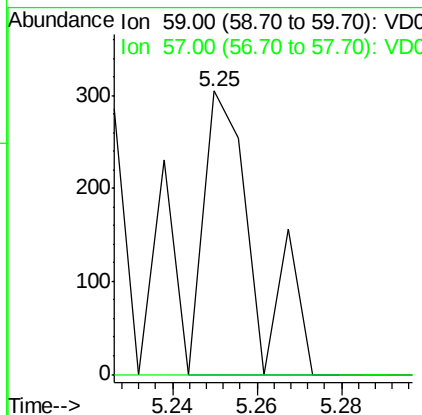
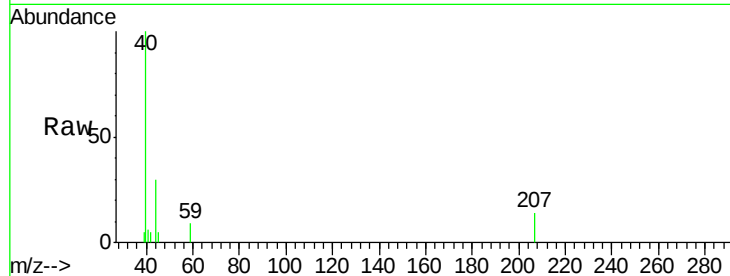


#11

Tert butyl alcohol
 Concen: 1.28 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD064869.D
 Acq: 17 Jan 2020 18:07

Instrument :
 MSVOA_D
 ClientSampled :
 EP-7

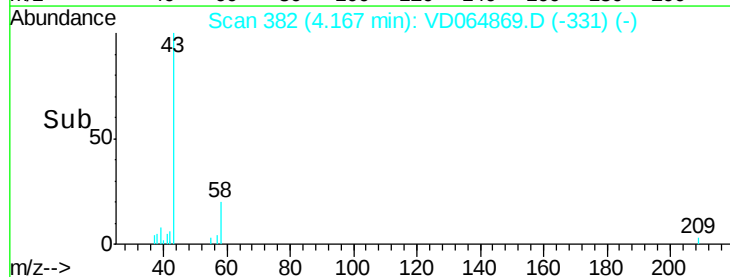
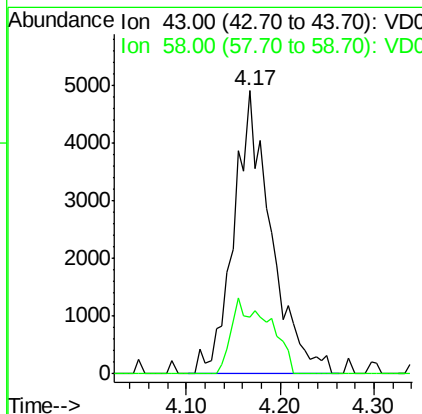
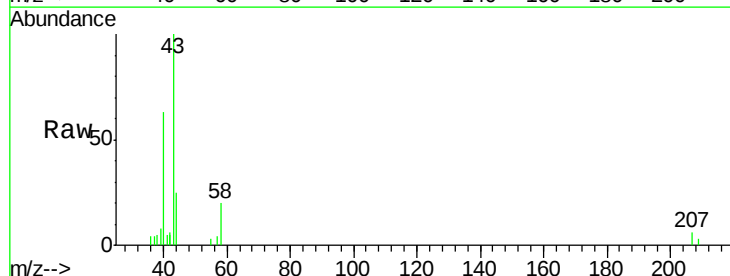
Tgt Ion: 59 Resp: 253
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

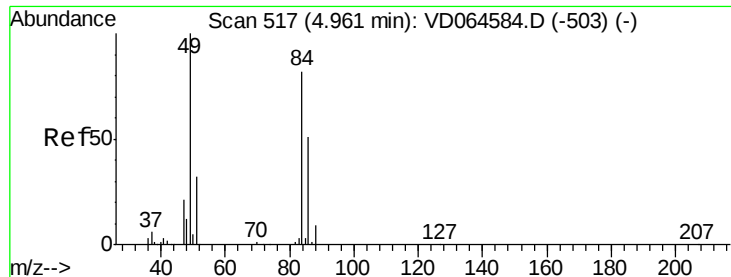


#16

Acetone
 Concen: 20.75 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VD064869.D
 Acq: 17 Jan 2020 18:07

Tgt Ion: 43 Resp: 13597
 Ion Ratio Lower Upper
 43 100
 58 19.9 25.8 38.6#

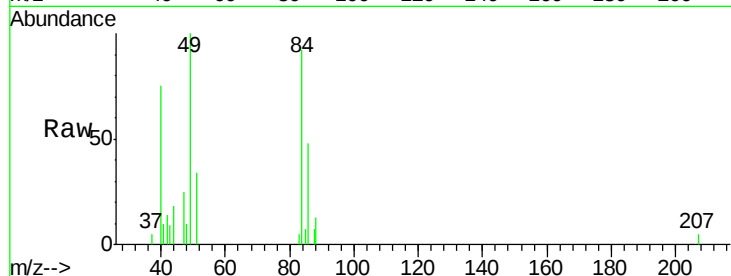




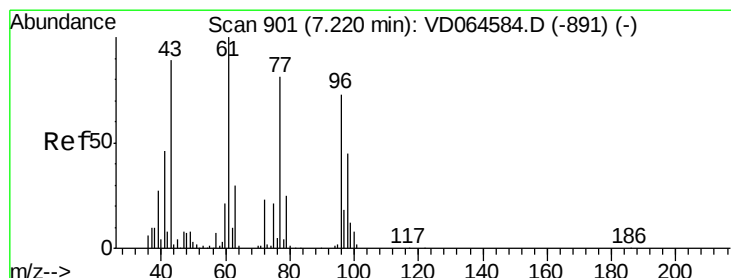
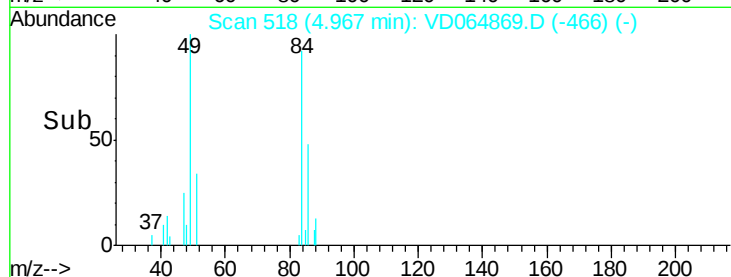
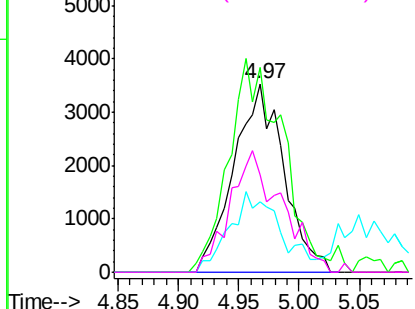
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
EP-7

Tgt Ion: 84 Resp: 10169
Ion Ratio Lower Upper
84 100
49 108.2 97.2 145.8
51 37.0 31.4 47.0
86 51.8 49.3 73.9

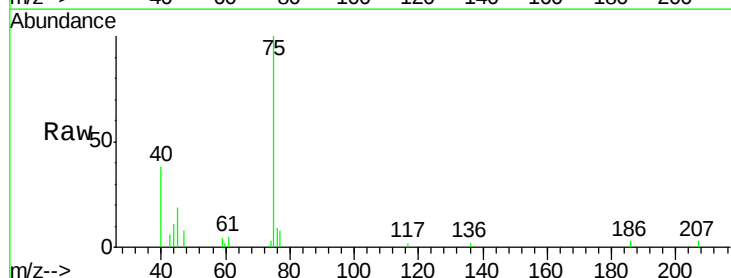


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

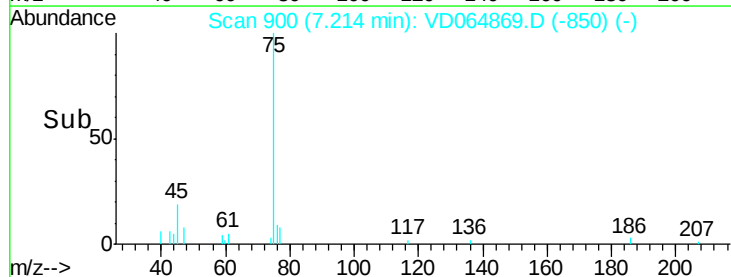
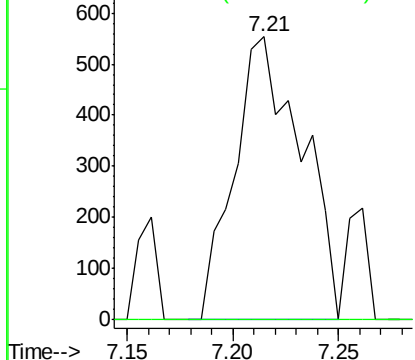


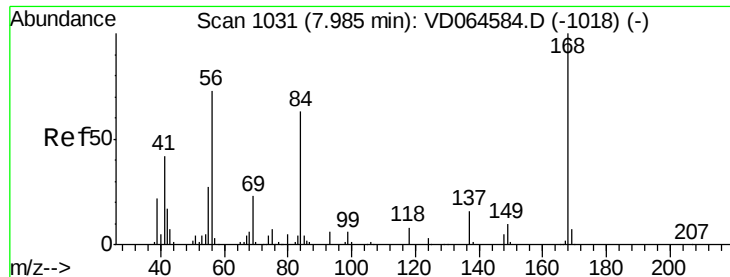
#25
2-Butanone
Concen: 1.30 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

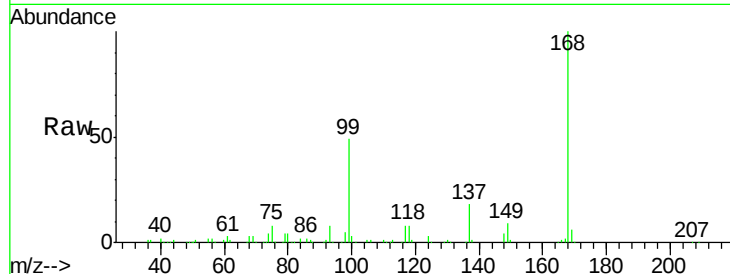




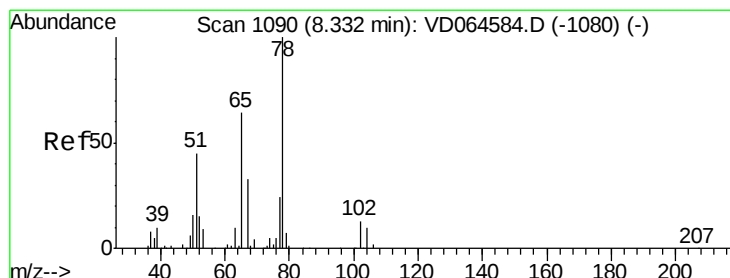
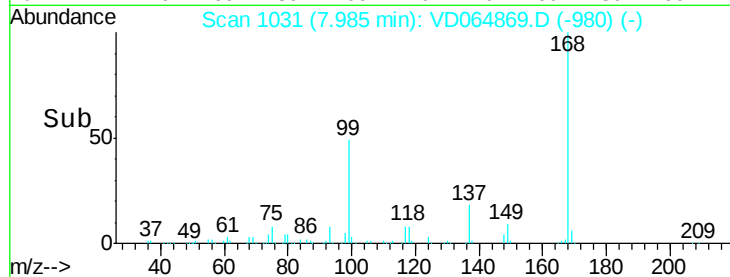
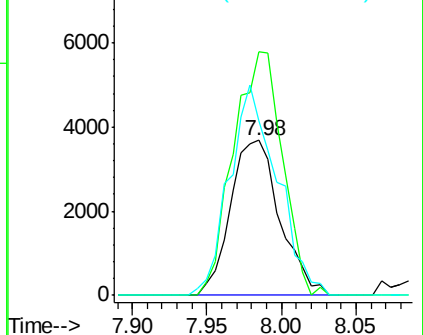
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
EP-7

Tgt Ion: 56 Resp: 8507
Ion Ratio Lower Upper
56 100
69 157.4 24.7 37.1#
84 112.9 69.4 104.2#

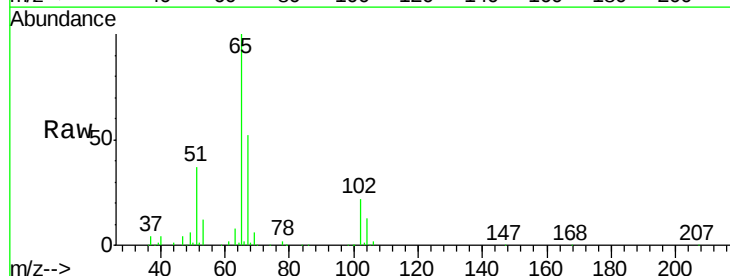


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

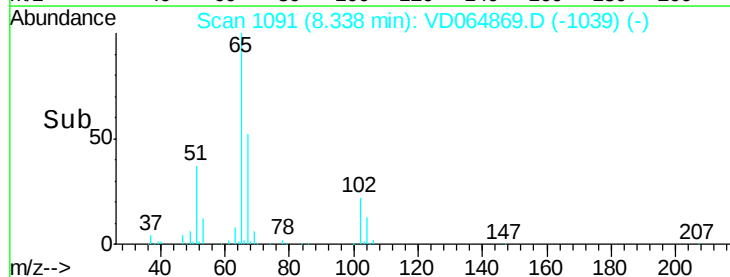
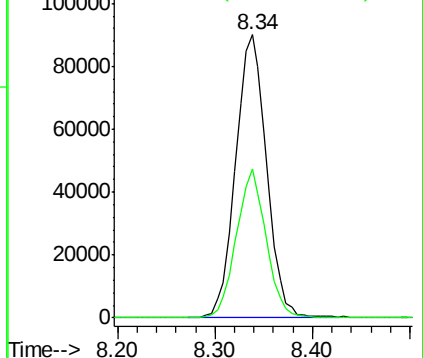


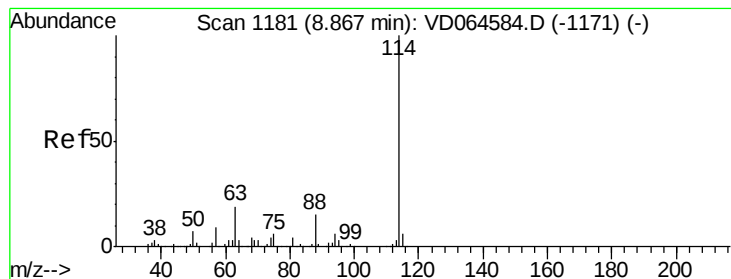
#33
1,2-Dichloroethane-d4
Concen: 57.67 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Tgt Ion: 65 Resp: 198758
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

EP-7

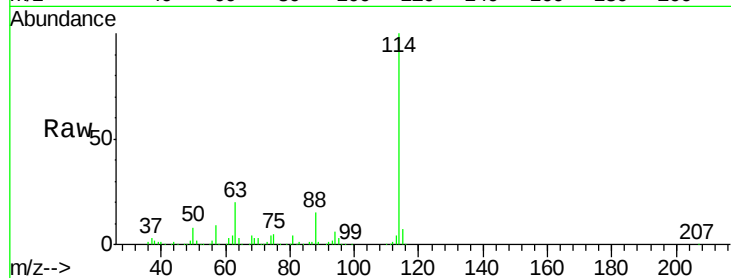
Tgt Ion:114 Resp: 647839

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

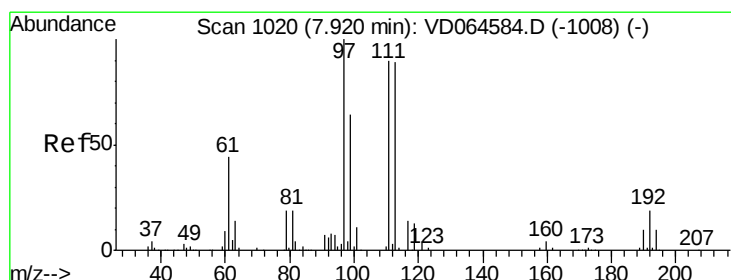
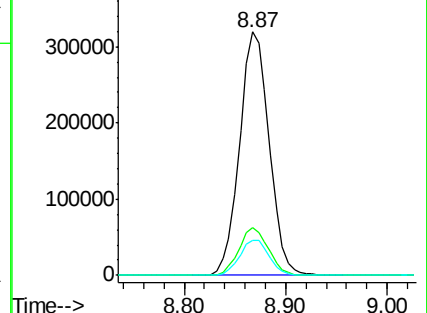
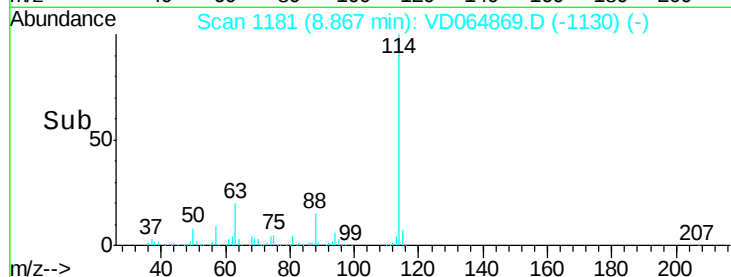
88 14.6 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

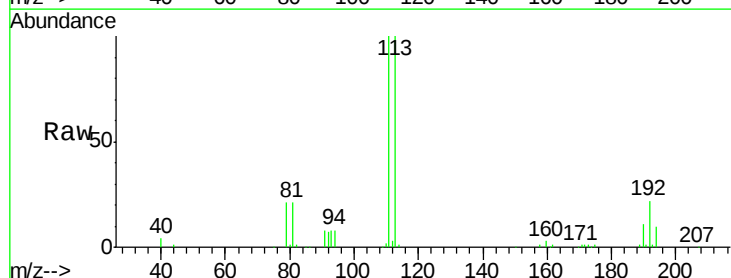
Tgt Ion:113 Resp: 202602

Ion Ratio Lower Upper

113 100

111 102.9 80.6 121.0

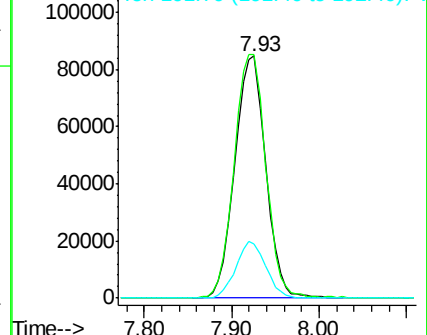
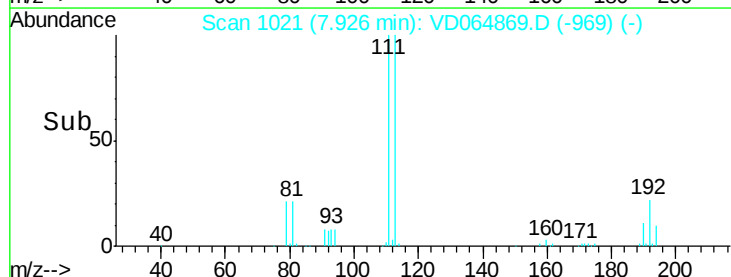
192 22.6 17.9 26.9

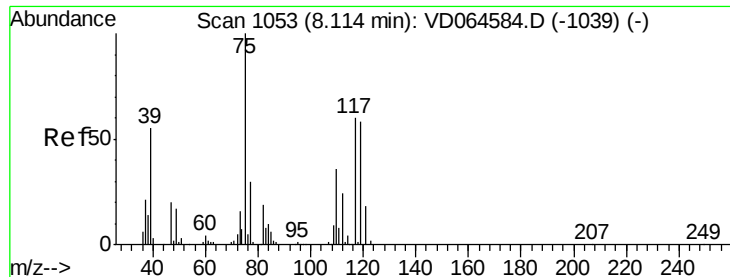


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

EP-7

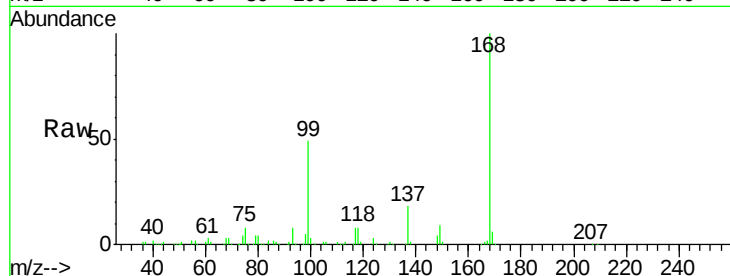
Tgt Ion: 75 Resp: 29174

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.1#

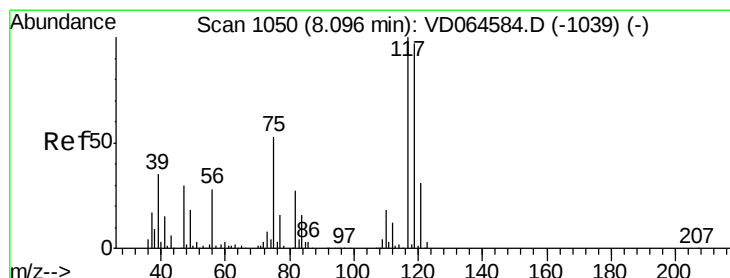
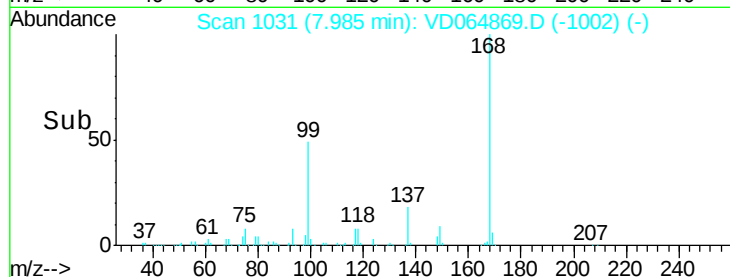
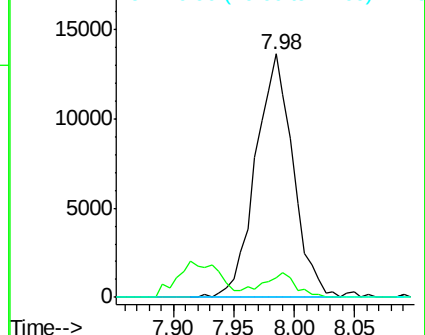
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.55 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

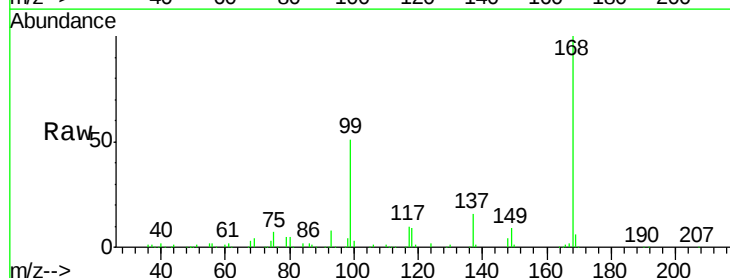
Tgt Ion: 117 Resp: 36929

Ion Ratio Lower Upper

117 100

119 6.3 77.3 115.9#

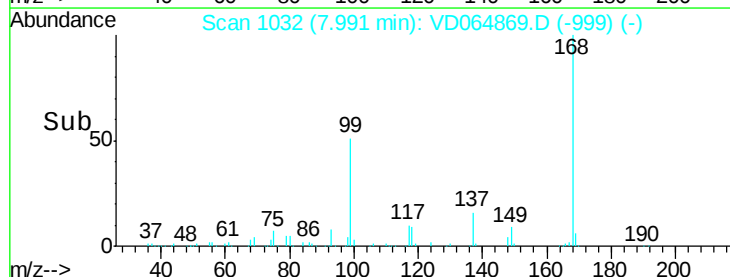
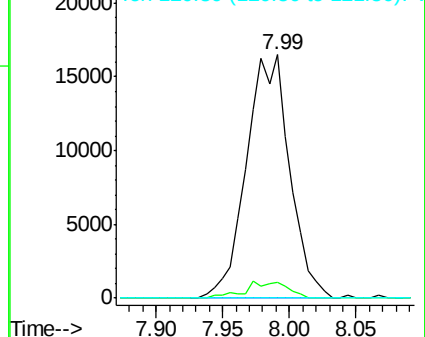
121 0.0 25.0 37.6#

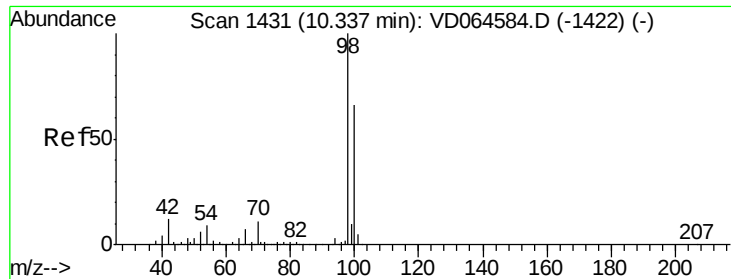


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

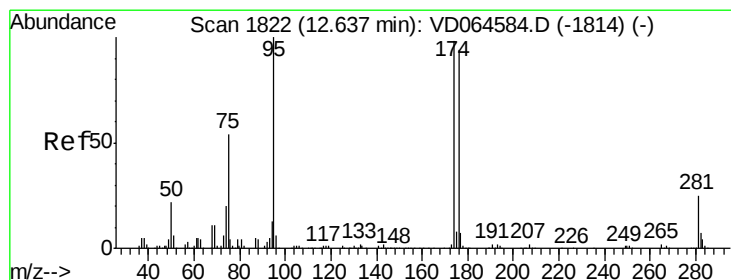
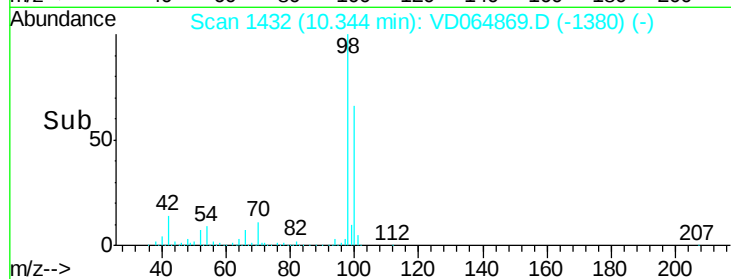
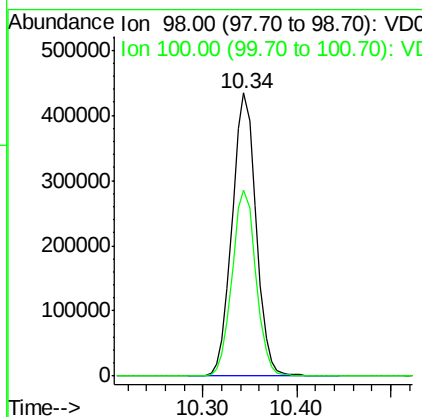
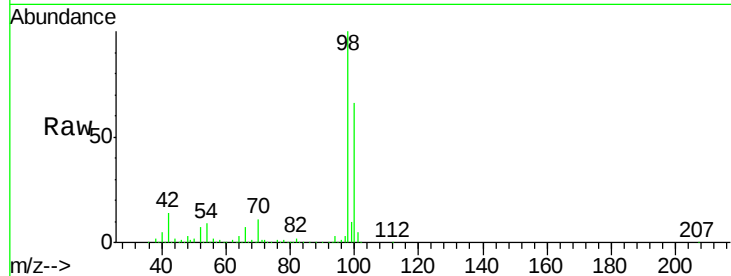




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

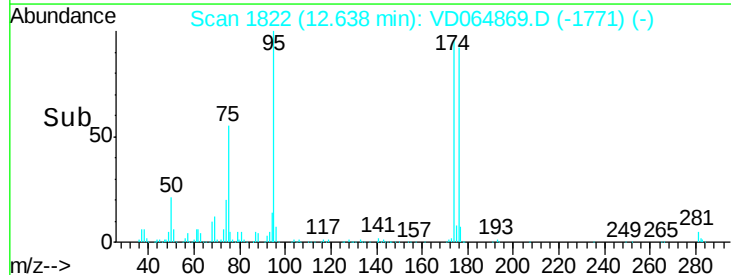
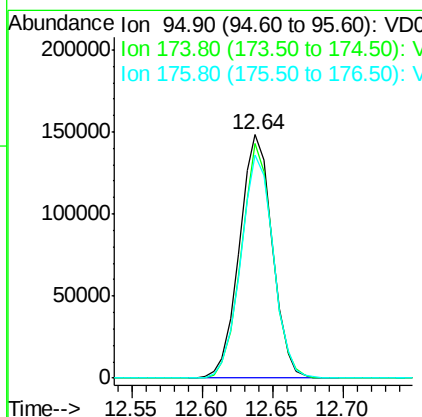
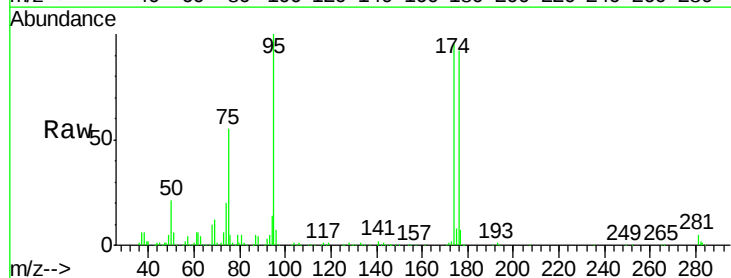
Instrument :
MSVOA_D
ClientSampleId :
EP-7

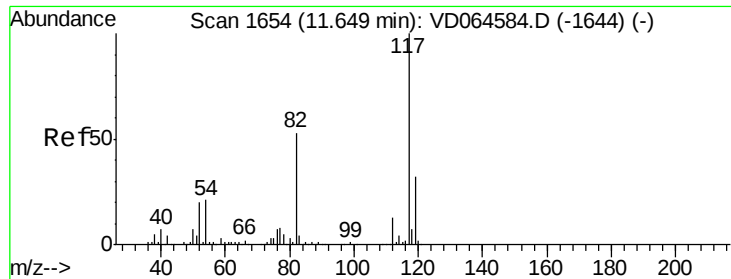
Tgt Ion: 98 Resp: 771325
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.24 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Tgt Ion: 95 Resp: 241822
Ion Ratio Lower Upper
95 100
174 92.2 0.0 193.2
176 90.5 0.0 184.2

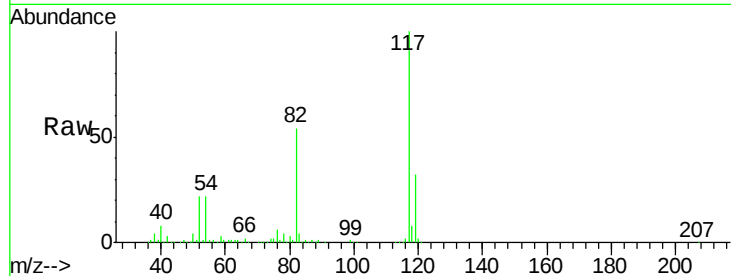




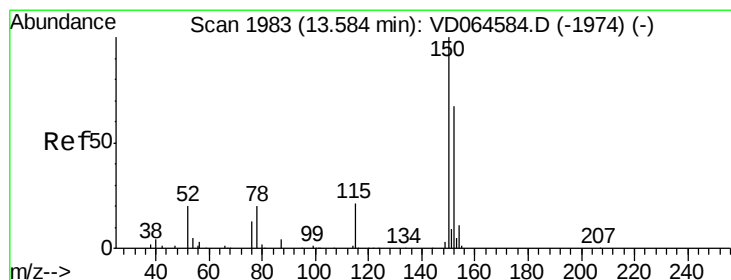
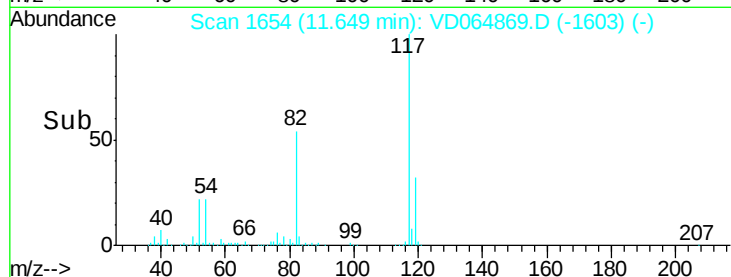
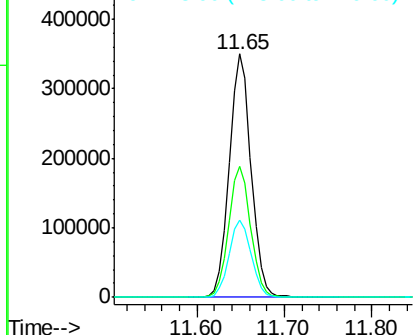
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
EP-7

Tgt Ion:117 Resp: 593566
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.0 26.0 39.0

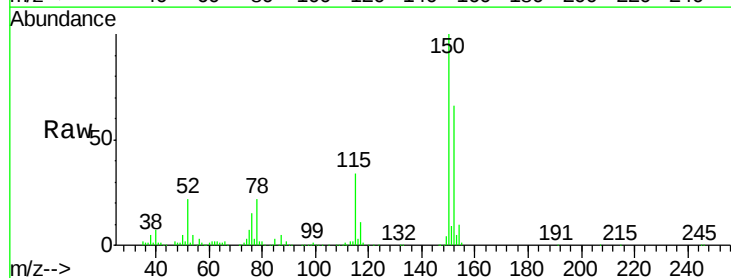


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

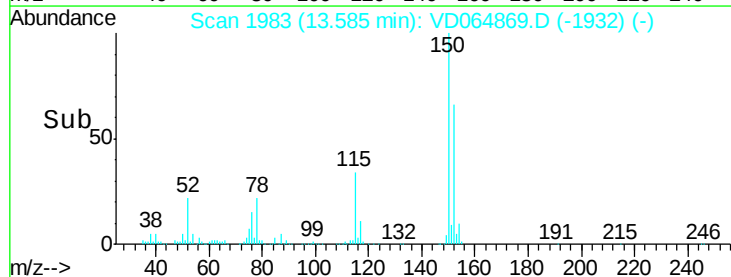
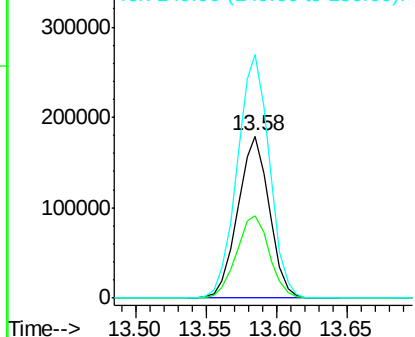


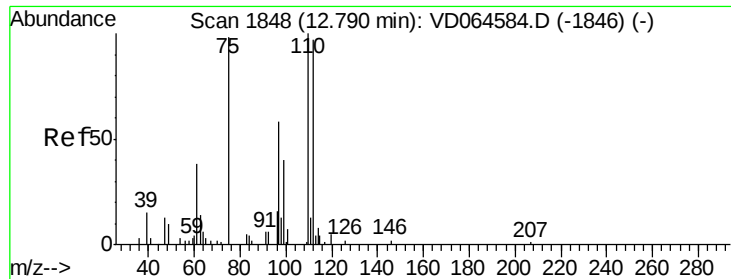
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Tgt Ion:152 Resp: 278694
Ion Ratio Lower Upper
152 100
115 53.2 27.8 83.4
150 154.1 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: 58.85 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

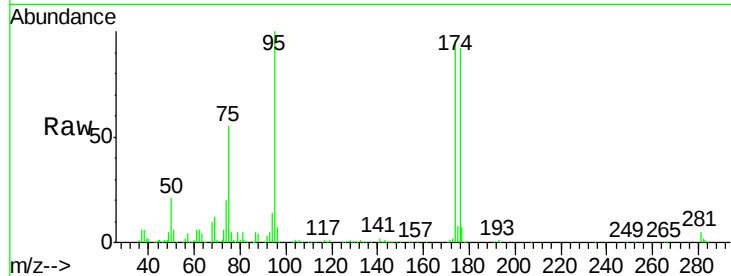
EP-7

Tgt Ion: 75 Resp: 129508

Ion Ratio Lower Upper

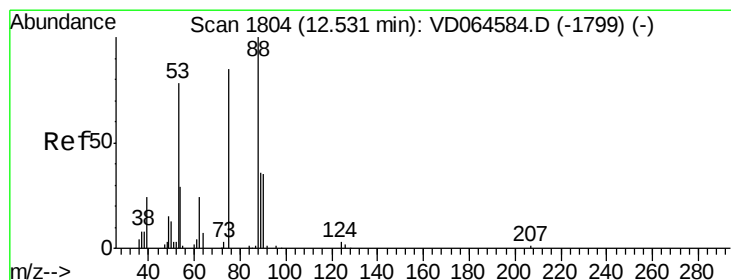
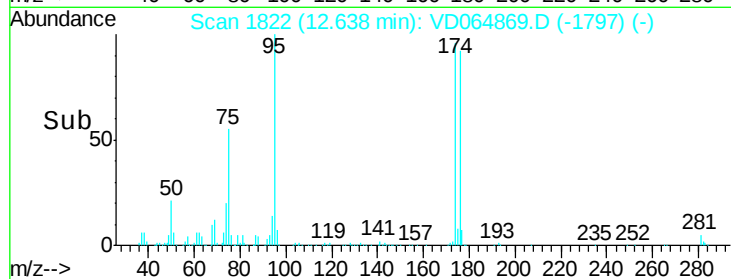
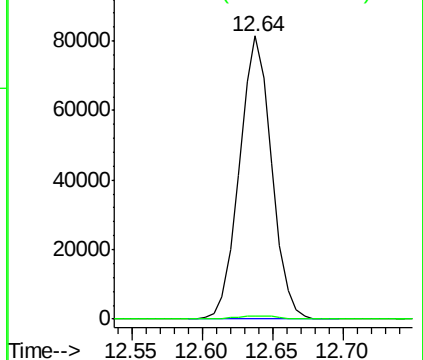
75 100

77 1.3 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: 123.08 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

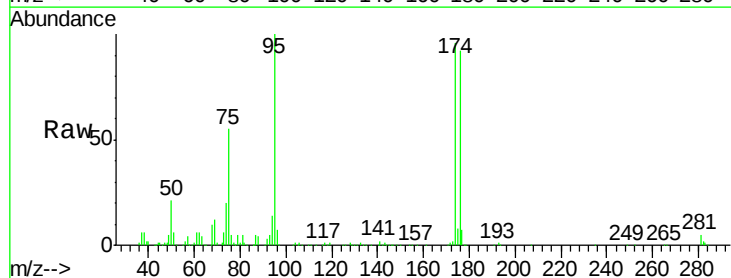
Tgt Ion: 75 Resp: 129508

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 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

