

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
 Data File : VD064699.D
 Acq On : 31 Dec 2019 17:12
 Operator : VA/SY
 Sample : K6463-03
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-7-(1-3)

Quant Time: Jan 01 00:47:07 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

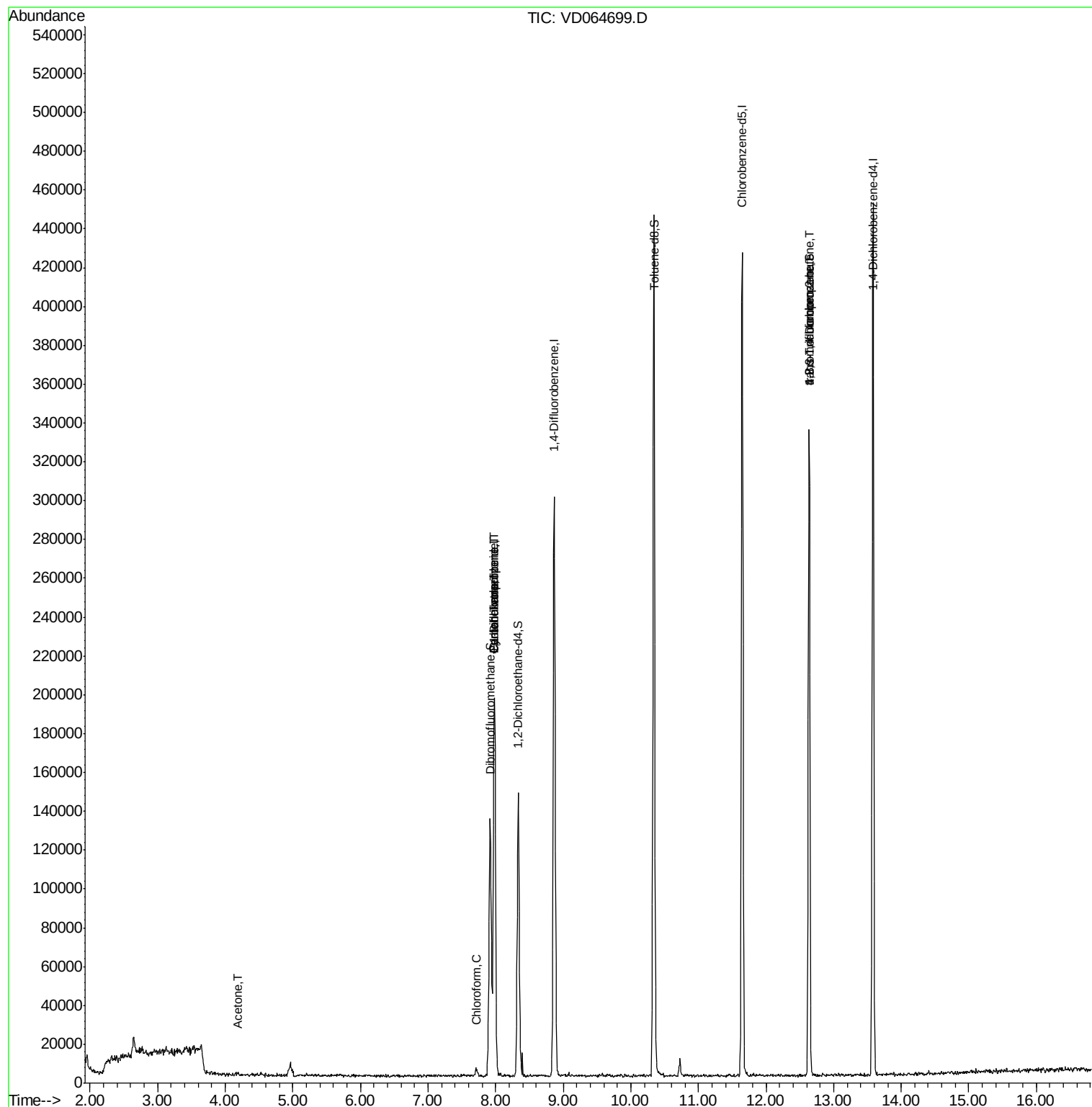
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	156089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	241337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107354	78.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.00%	
35) Dibromofluoromethane	7.92	113	92557	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
50) Toluene-d8	10.34	98	304497	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.64	95	100694	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
Target Compounds						
16) Acetone	4.17	43	948	7.068	ug/l	96
20) Methylene Chloride	4.97	84	2924	Below Cal	#	80
30) Chloroform	7.72	83	3391	1.261	ug/l #	80
31) Cyclohexane	7.99	56	3392	1.322	ug/l #	32
36) 1,1-Dichloropropene	7.99	75	11646	4.745	ug/l #	48
38) Carbon Tetrachloride	7.99	117	15128	5.781	ug/l #	12
76) 1,2,3-Trichloropropane	12.64	75	55038	58.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	55038	123.076	ug/l #	10

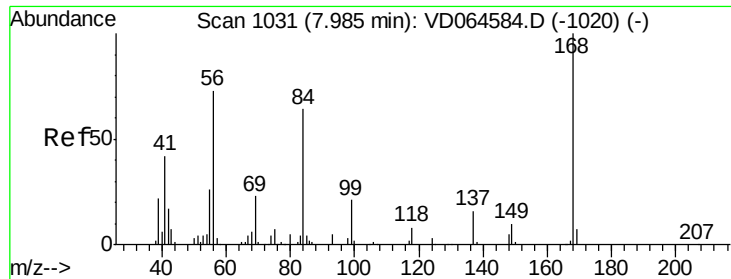
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
GP-7-(1-3)

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

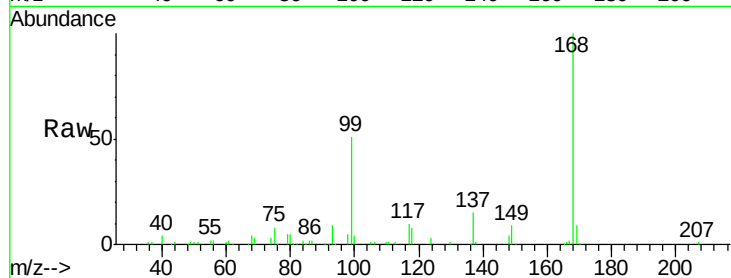
GP-7-(1-3)

Tgt Ion:168 Resp: 156089

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

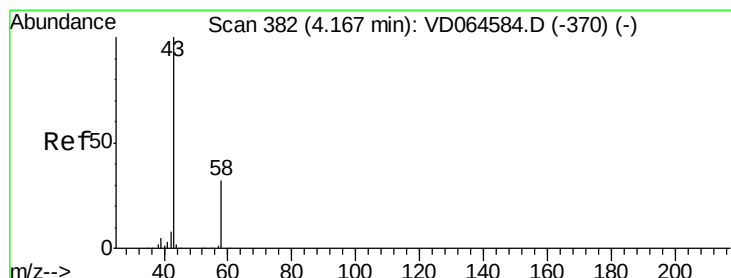
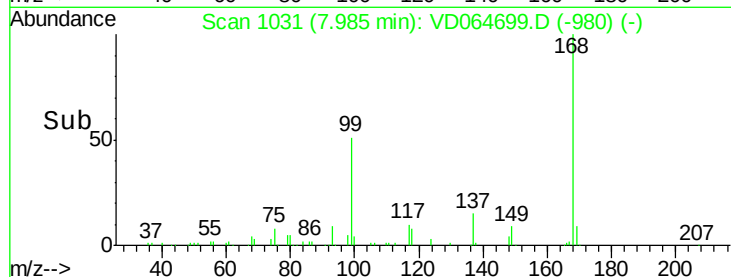
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 7.068 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064699.D

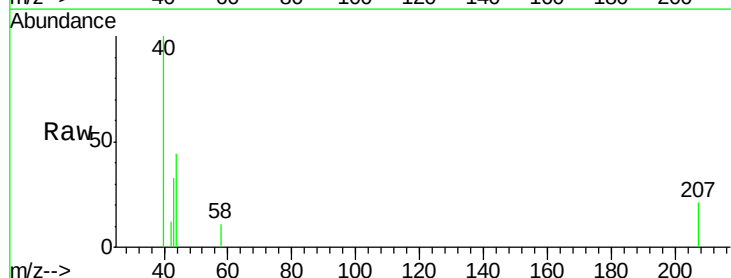
Acq: 31 Dec 2019 17:12

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 34.4 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

800

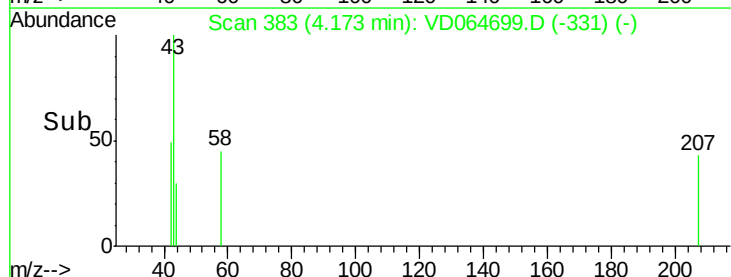
600

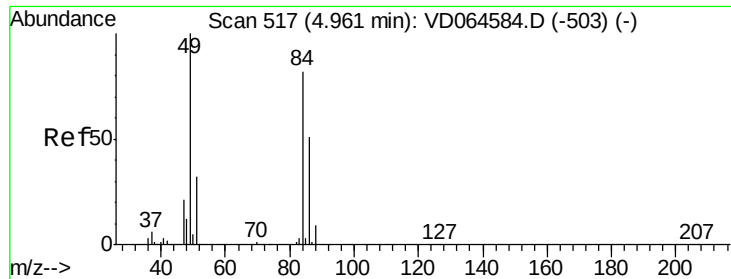
400

200

0

Time--> 4.14 4.16 4.18 4.20

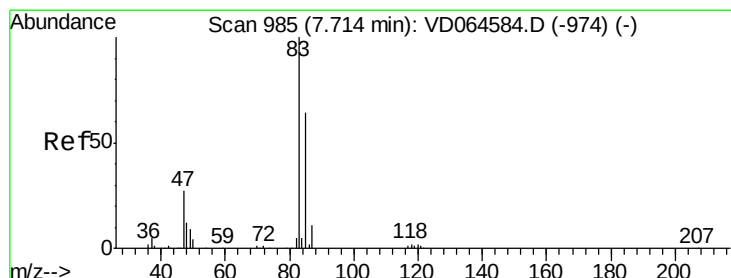
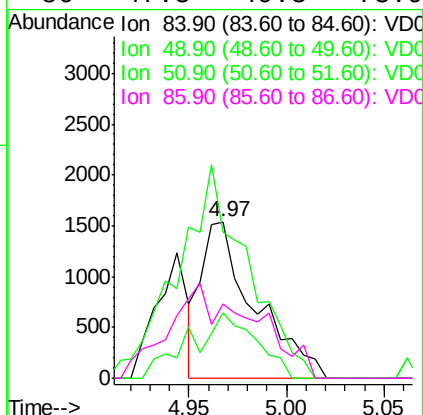
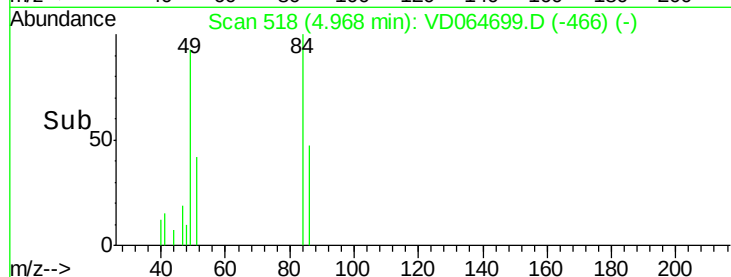
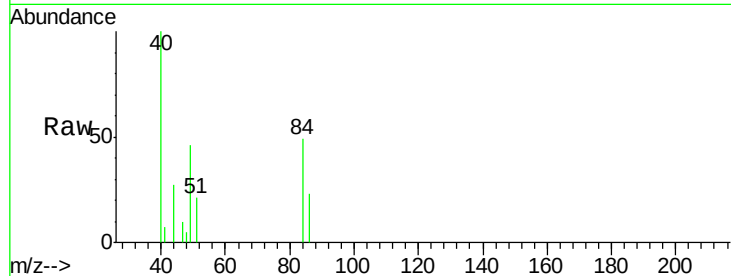




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

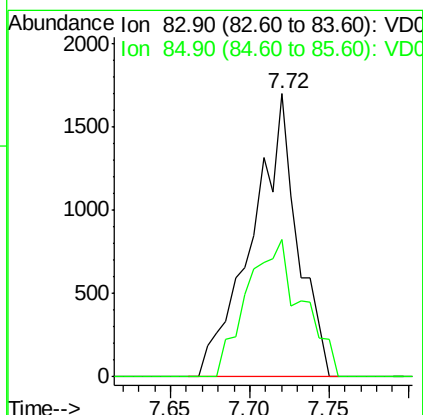
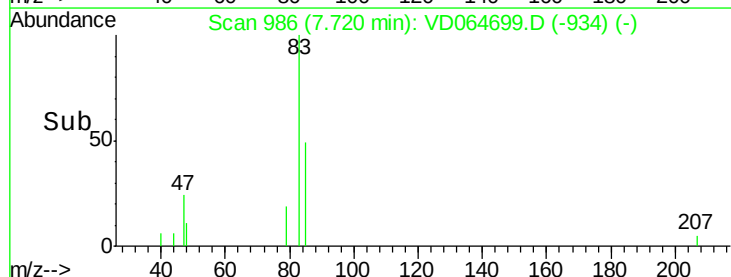
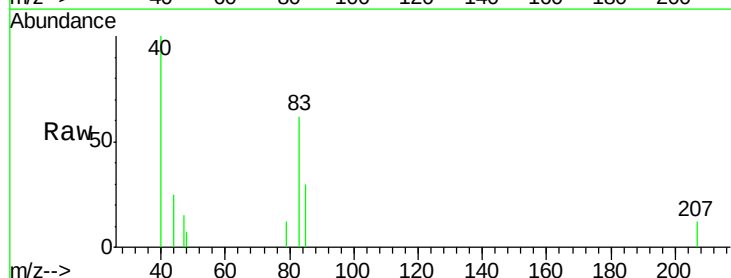
Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

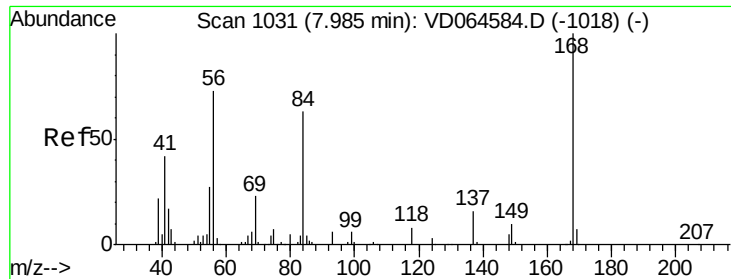
Tgt Ion: 84 Resp: 2924
Ion Ratio Lower Upper
84 100
49 93.3 97.2 145.8#
51 41.9 31.4 47.0
86 47.3 49.3 73.9#



#30
Chloroform
Concen: 1.261 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion: 83 Resp: 3391
Ion Ratio Lower Upper
83 100
85 48.6 51.1 76.7#

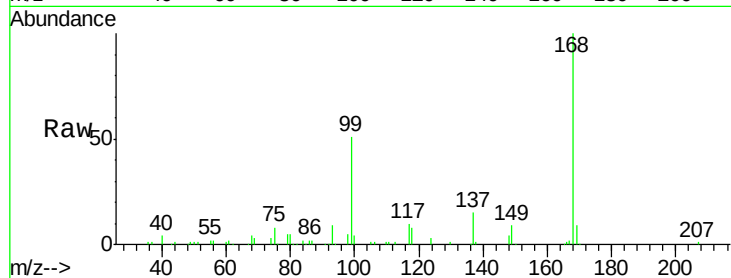




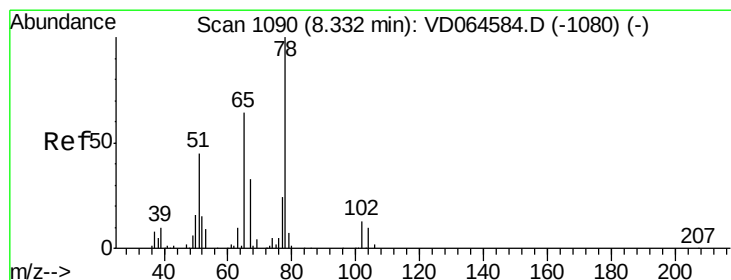
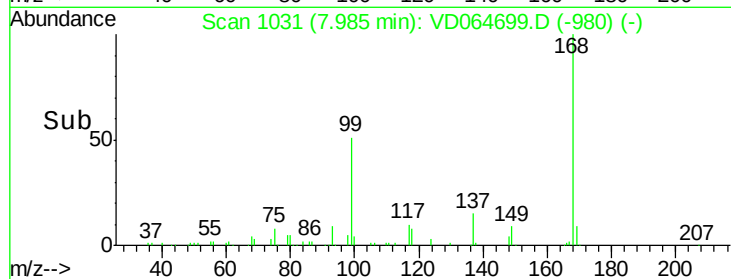
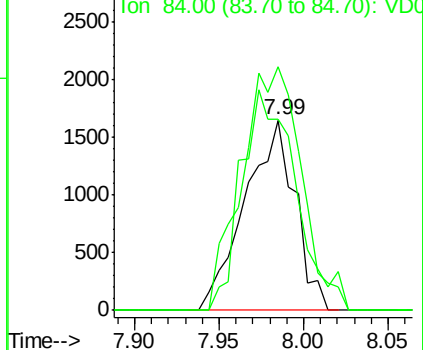
#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 128.0 24.7 37.1#
84 114.3 69.4 104.2#

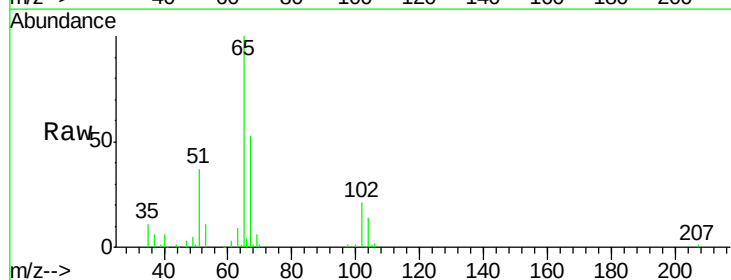


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

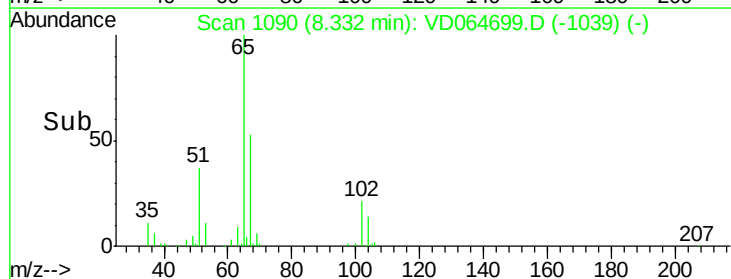
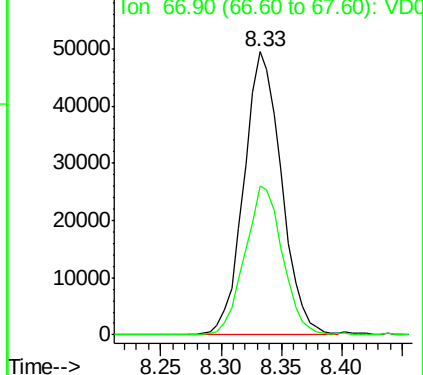


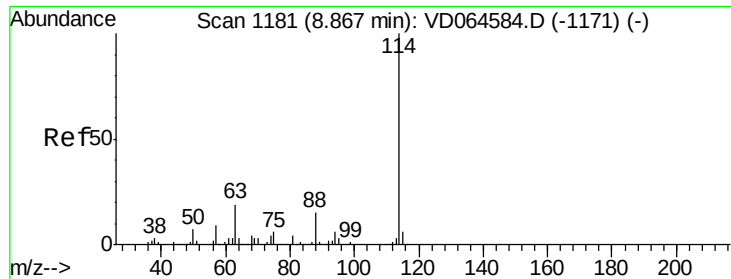
#33
1,2-Dichloroethane-d4
Concen: 77.998 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion: 65 Resp: 107354
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.2



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

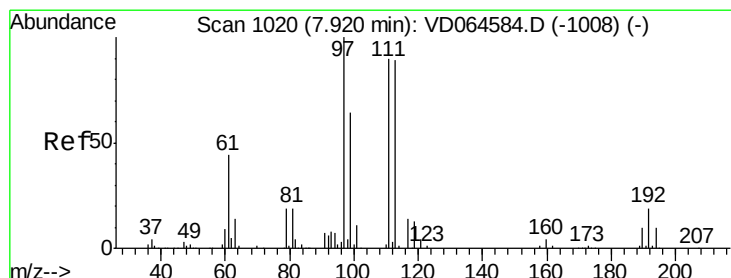
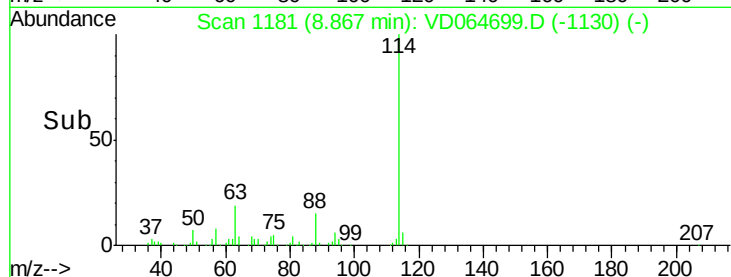
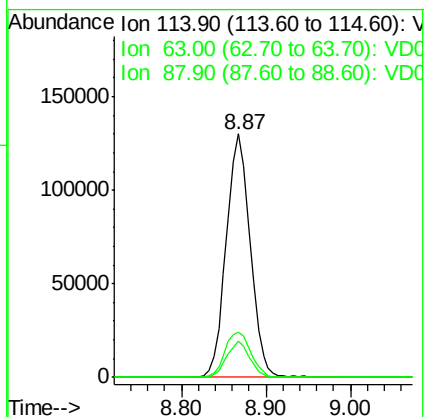
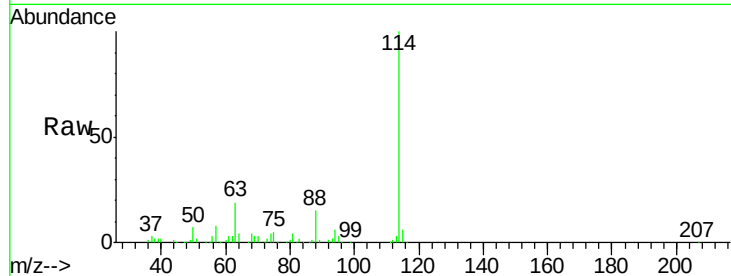




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064699.D
 Acq: 31 Dec 2019 17:12

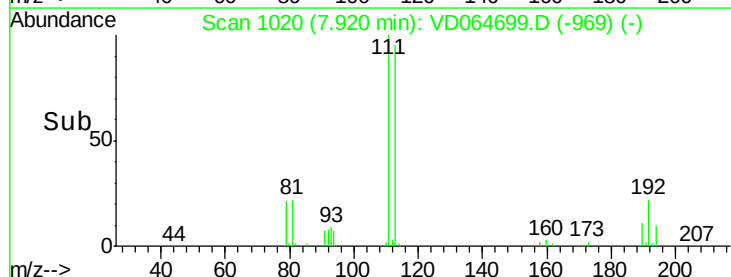
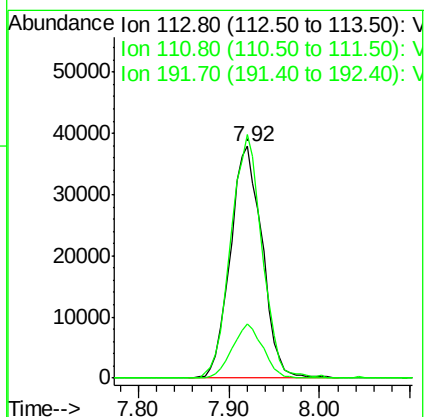
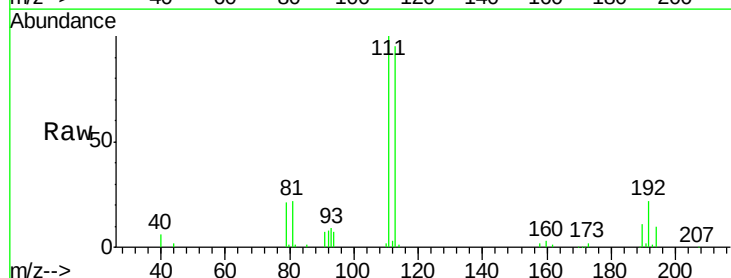
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-7-(1-3)

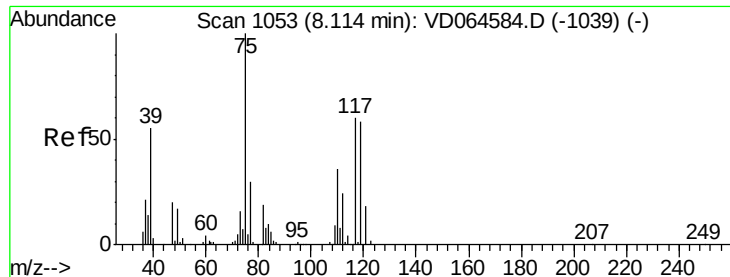
Tgt Ion:114 Resp: 254998
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.9 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 59.162 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064699.D
 Acq: 31 Dec 2019 17:12

Tgt Ion:113 Resp: 92557
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.6 121.0
 192 22.3 17.9 26.9





#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

GP-7-(1-3)

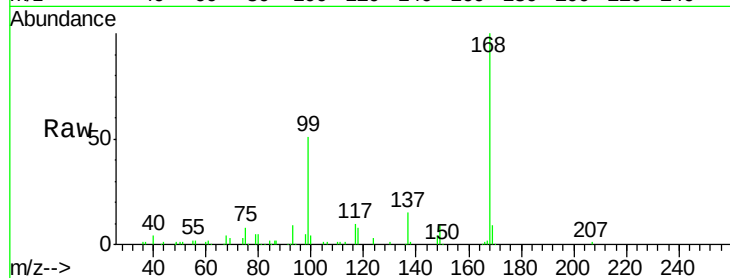
Tgt Ion: 75 Resp: 11646

Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.1#

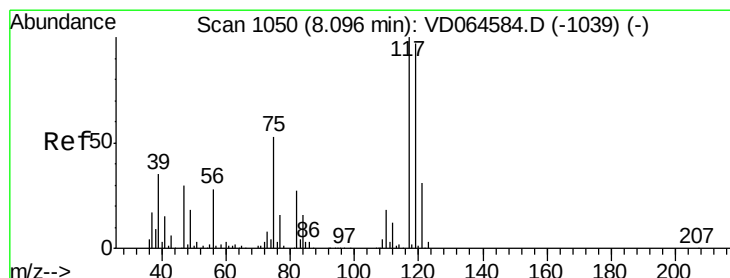
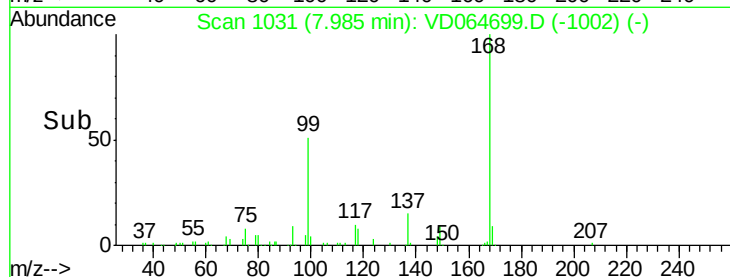
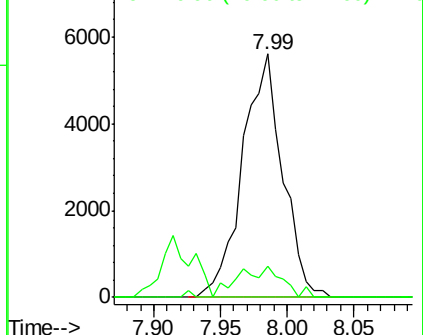
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064584.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD064584.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD064584.D (-1039) (-)



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

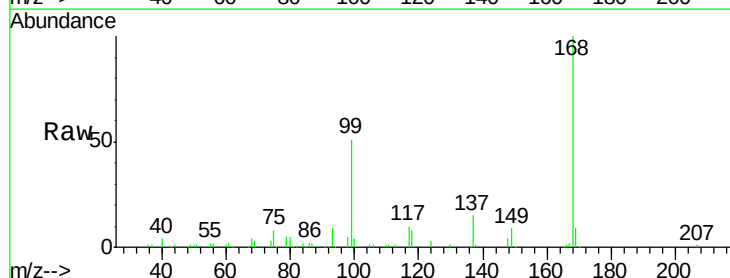
Tgt Ion: 117 Resp: 15128

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

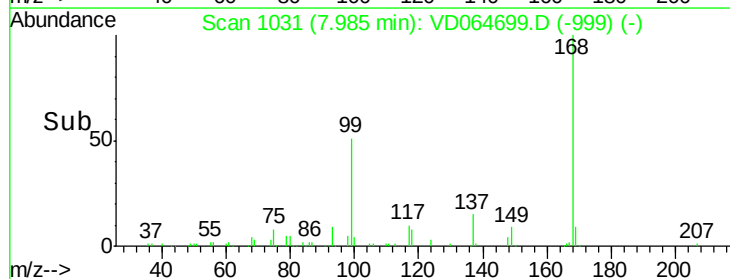
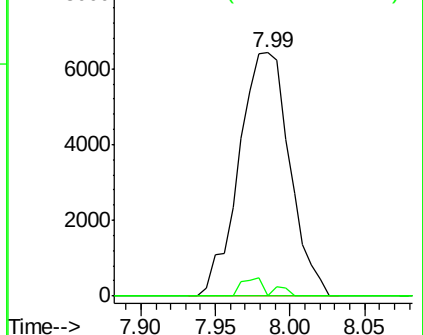
121 0.0 25.0 37.6#

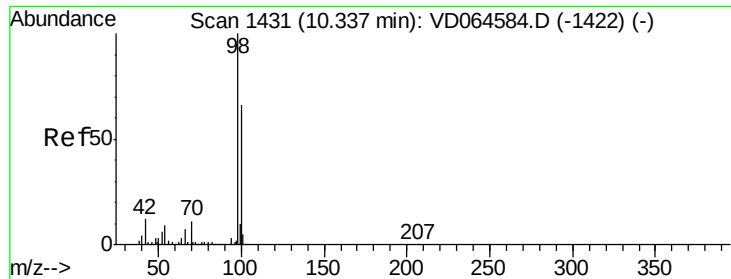


Abundance Ion 116.80 (116.50 to 117.50): VD064584.D (-1039) (-)

Ion 118.80 (118.50 to 119.50): VD064584.D (-1039) (-)

Ion 120.80 (120.50 to 121.50): VD064584.D (-1039) (-)

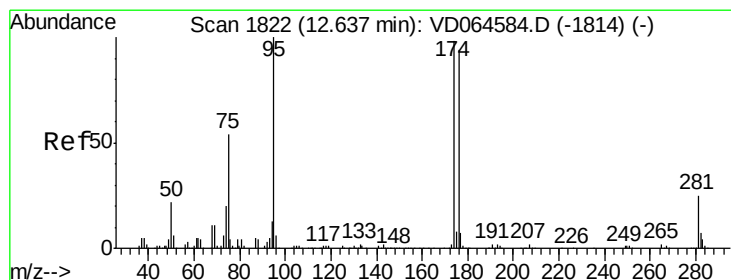
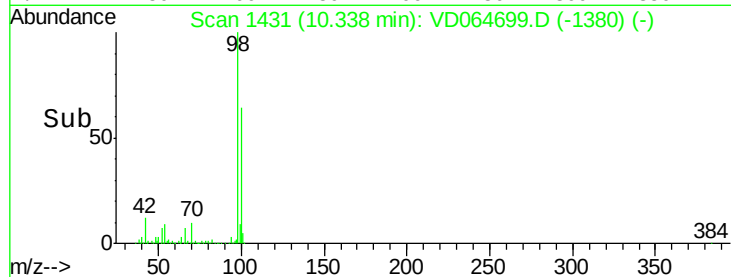
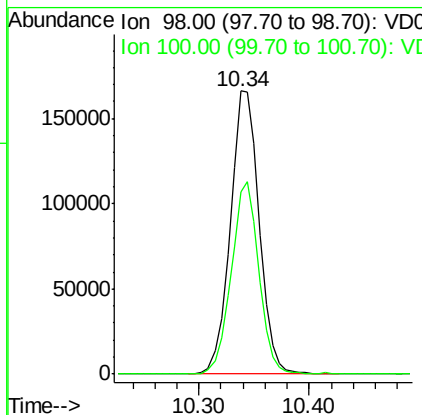
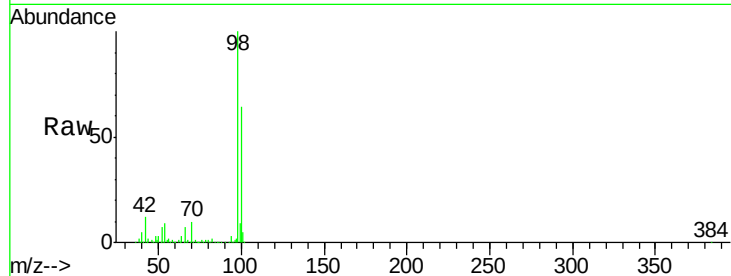




#50
Toluene-d8
Concen: 50.820 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

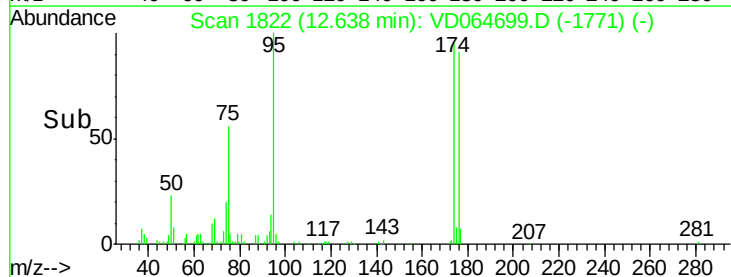
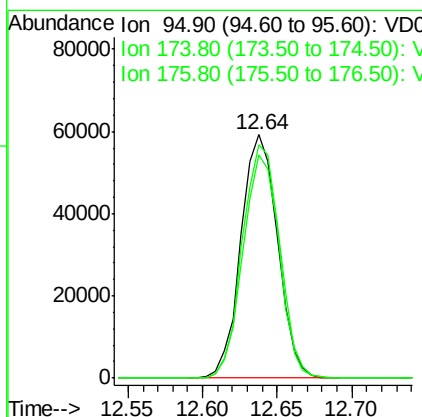
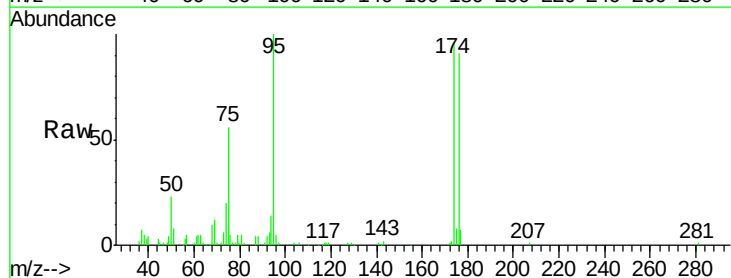
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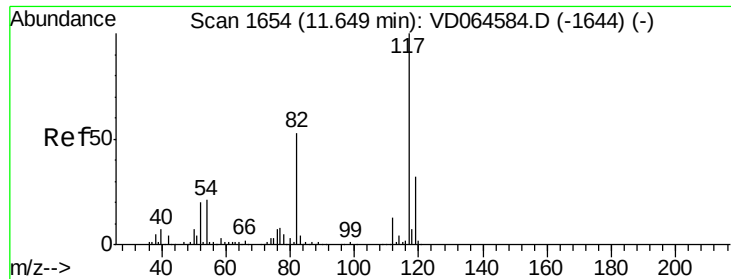
Tgt Ion: 98 Resp: 304497
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.147 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion: 95 Resp: 100694
Ion Ratio Lower Upper
95 100
174 96.9 0.0 193.2
176 91.6 0.0 184.2

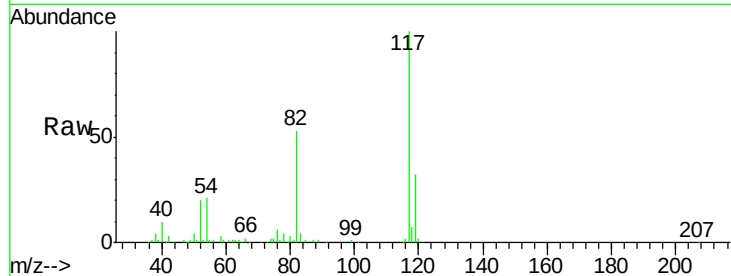




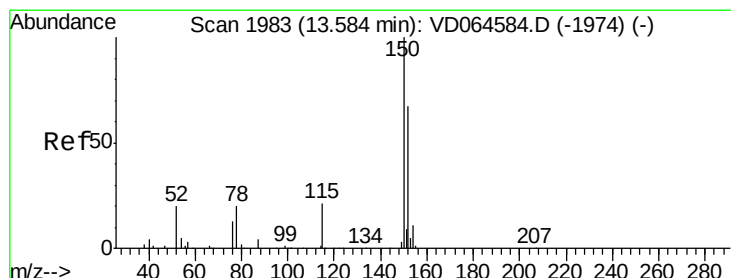
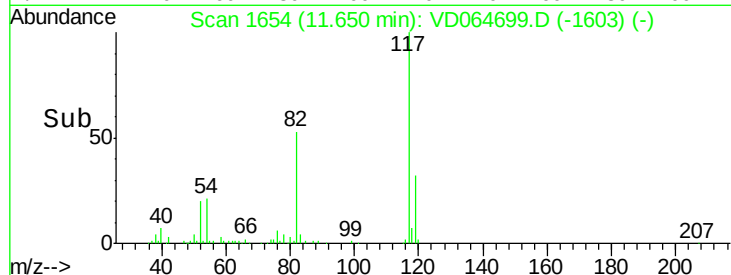
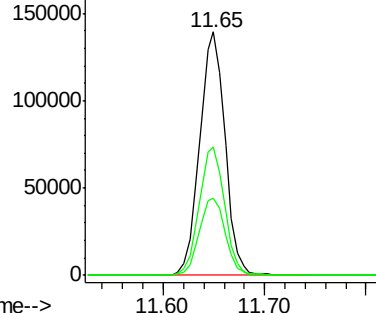
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Instrument :
MSVOA_D
ClientSampleId :
GP-7-(1-3)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	31.7	26.0	39.0

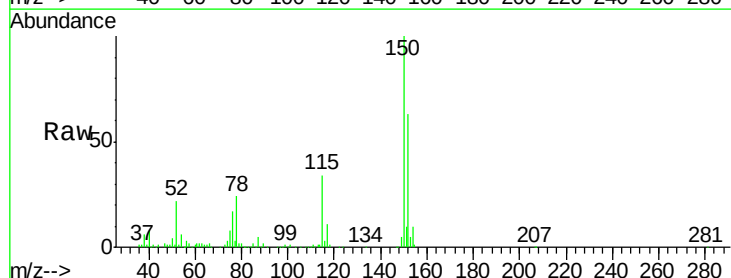


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

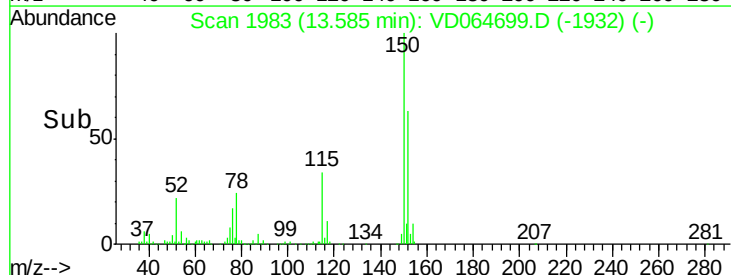
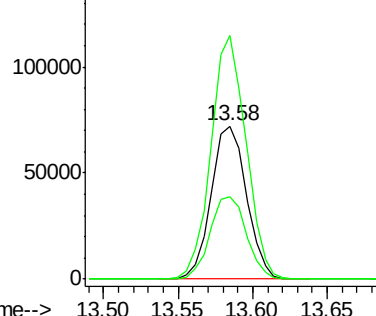


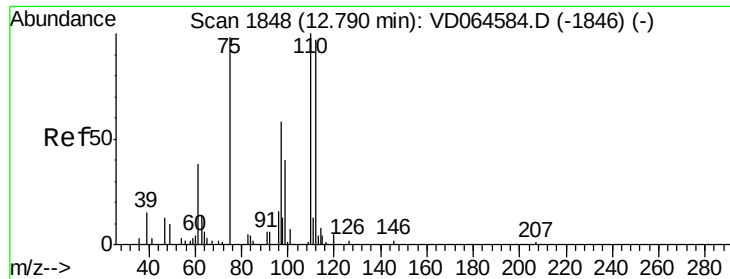
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064699.D
Acq: 31 Dec 2019 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	157.4	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: 58.847 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

Instrument :

MSVOA_D

ClientSampleId :

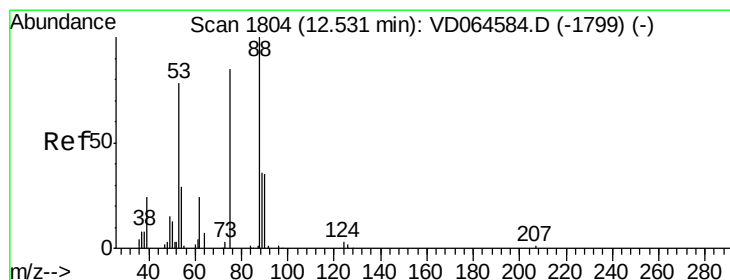
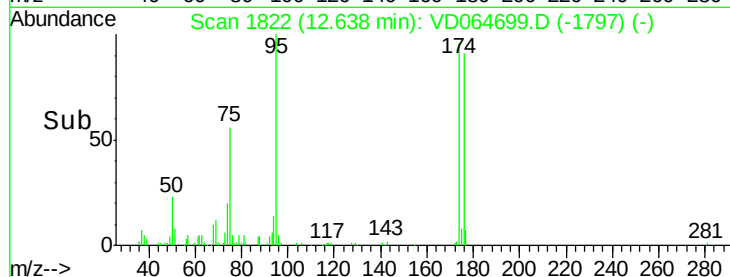
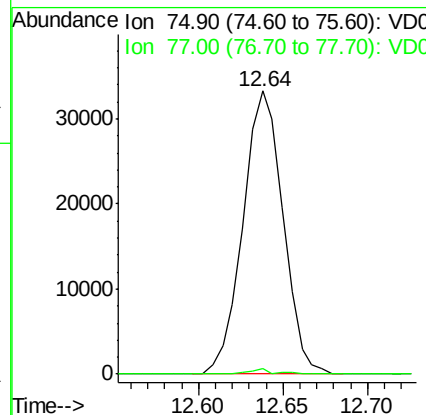
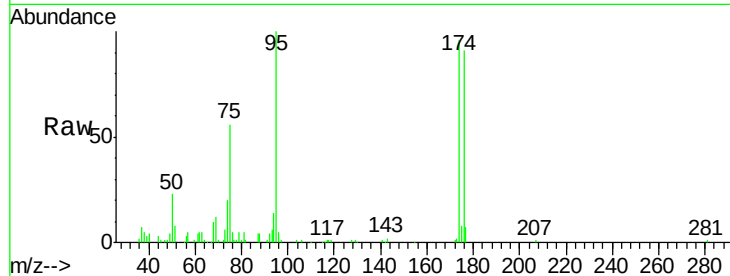
GP-7-(1-3)

Tgt Ion: 75 Resp: 55038

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.076 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064699.D

Acq: 31 Dec 2019 17:12

Tgt Ion: 75 Resp: 55038

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

