

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
 Data File : VD064697.D
 Acq On : 31 Dec 2019 16:15
 Operator : VA/SY
 Sample : K6463-01
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(1-3)

Quant Time: Jan 01 00:46:51 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

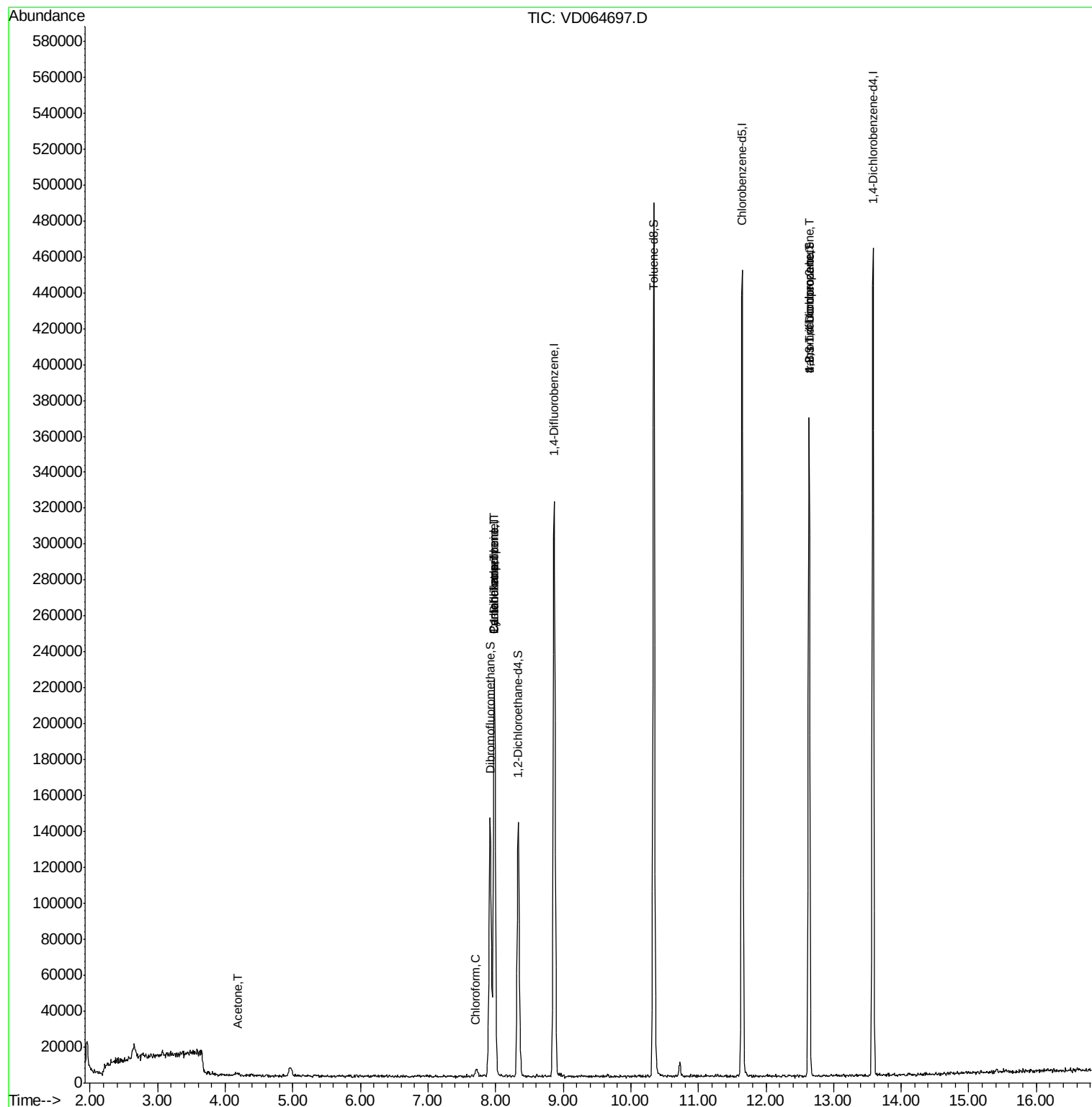
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	278360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114242	75.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.74%	
35) Dibromofluoromethane	7.92	113	97511	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
50) Toluene-d8	10.34	98	330940	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.64	95	107672	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
16) Acetone	4.18	43	2566	11.270	ug/l #	75
20) Methylene Chloride	4.97	84	4377	Below Cal	#	79
30) Chloroform	7.71	83	3964	1.338	ug/l #	64
31) Cyclohexane	7.98	56	3132	1.108	ug/l #	39
36) 1,1-Dichloropropene	7.97	75	12472	4.655	ug/l #	48
38) Carbon Tetrachloride	7.99	117	16342	5.720	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	57232	58.638	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	57232	122.639	ug/l #	10

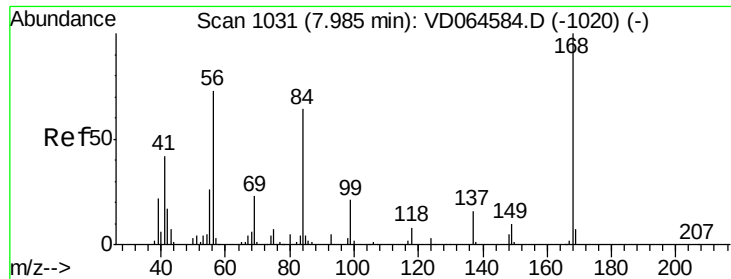
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-6-(1-3)

Quant Time: Jan 01 00:46:51 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: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

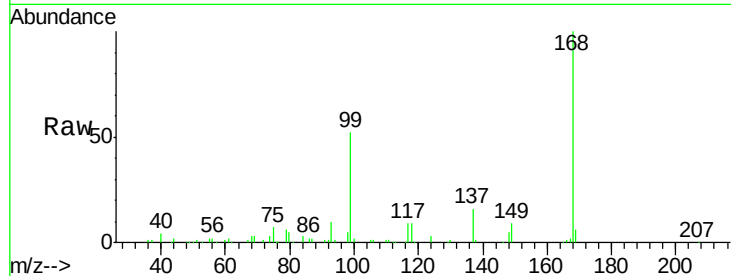
GP-6-(1-3)

Tgt Ion:168 Resp: 171893

Ion Ratio Lower Upper

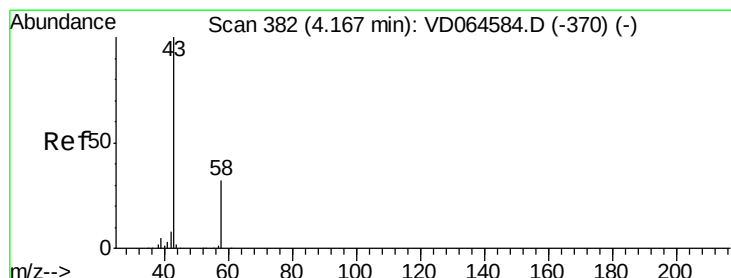
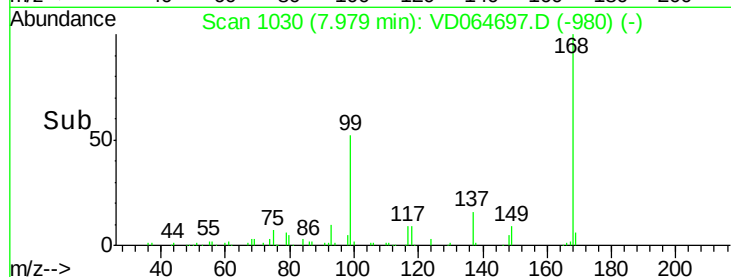
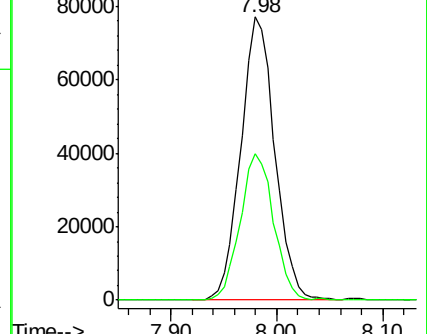
168 100

99 51.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.270 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064697.D

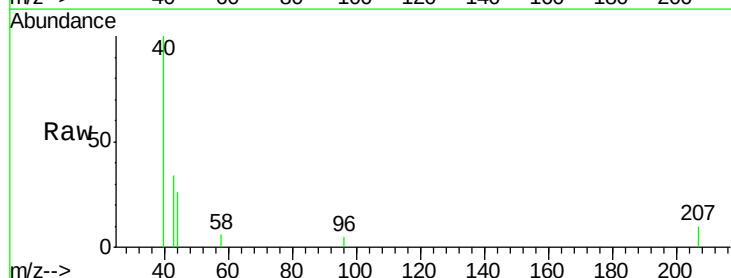
Acq: 31 Dec 2019 16:15

Tgt Ion: 43 Resp: 2566

Ion Ratio Lower Upper

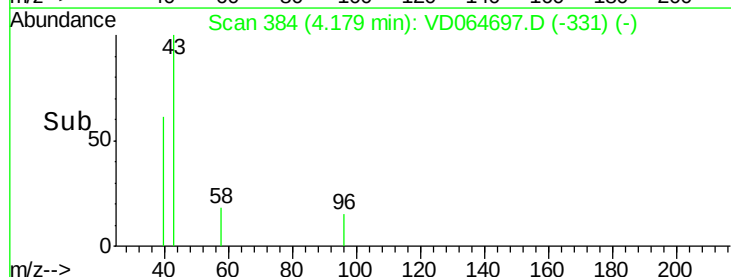
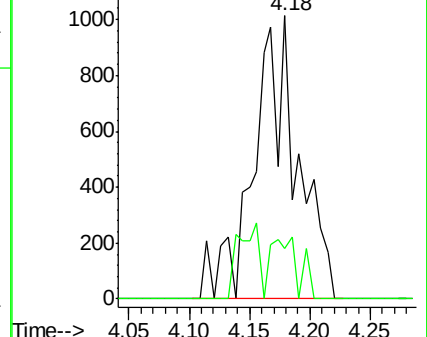
43 100

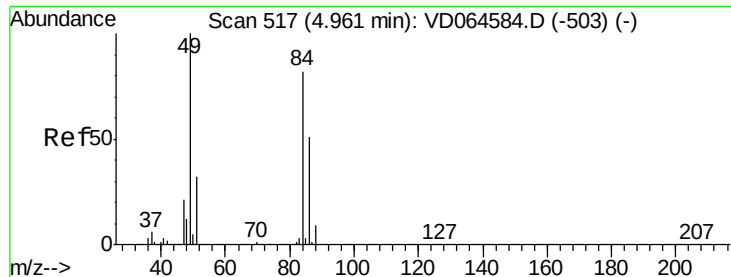
58 18.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

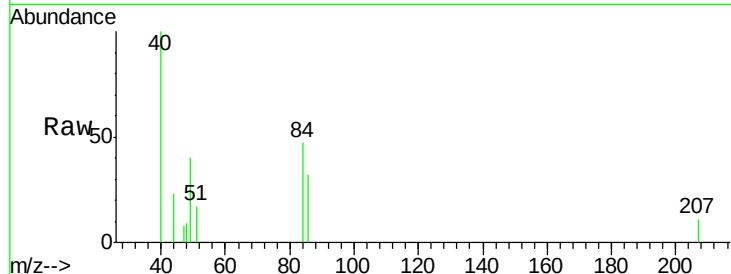




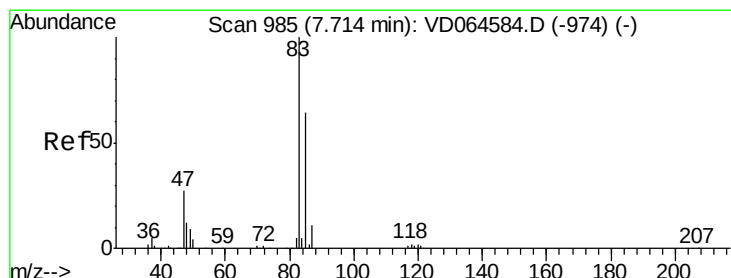
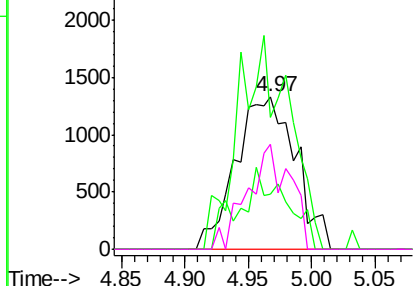
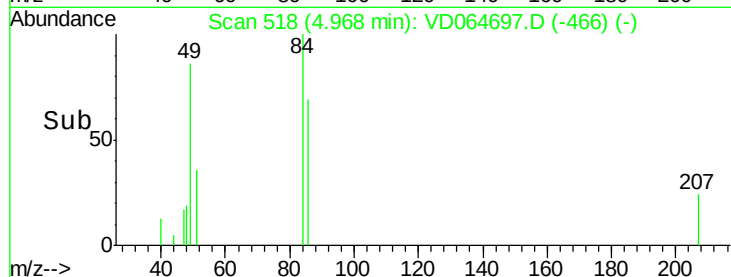
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Instrument :
MSVOA_D
ClientSampleId :
GP-6-(1-3)

Tgt Ion: 84 Resp: 4377
Ion Ratio Lower Upper
84 100
49 86.2 97.2 145.8#
51 35.8 31.4 47.0
86 68.7 49.3 73.9

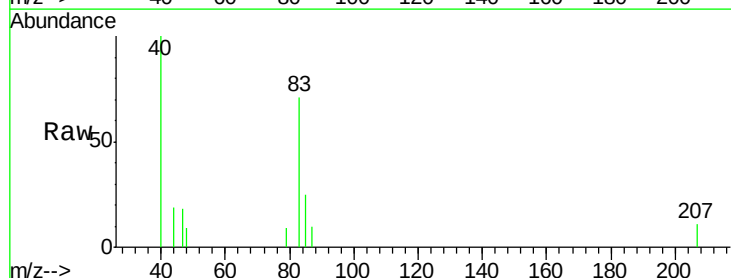


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

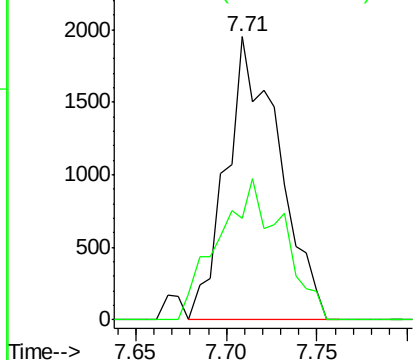
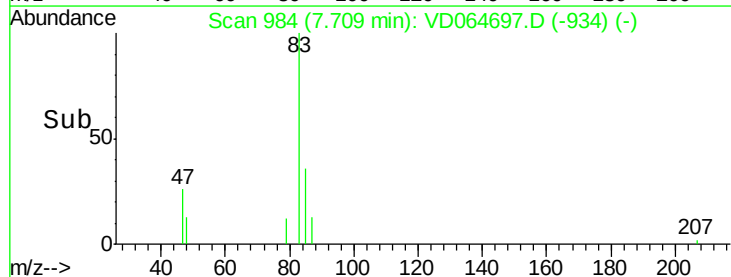


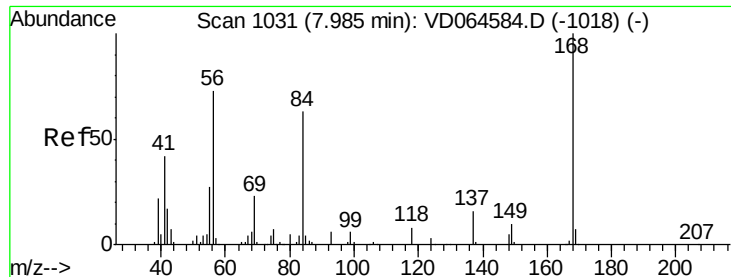
#30
Chloroform
Concen: 1.338 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Tgt Ion: 83 Resp: 3964
Ion Ratio Lower Upper
83 100
85 35.9 51.1 76.7#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

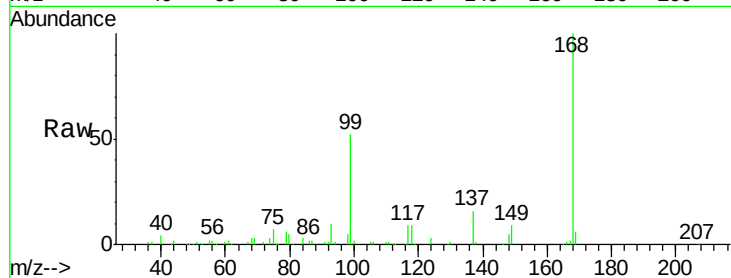




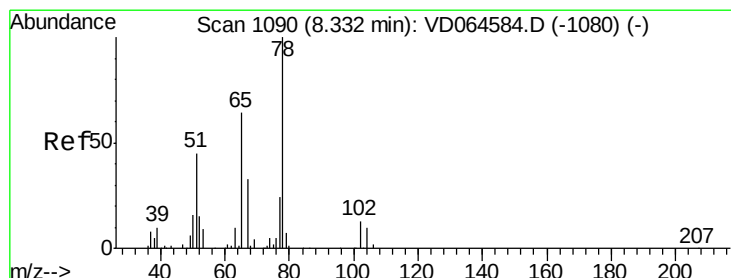
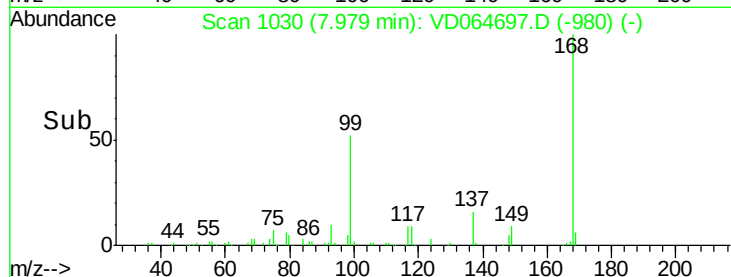
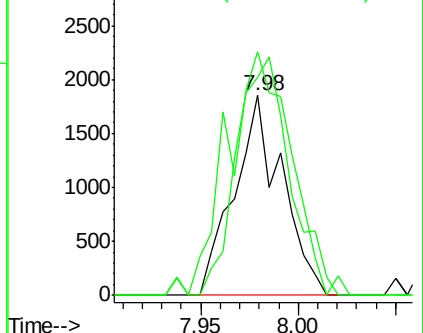
#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Instrument :
MSVOA_D
ClientSampleId :
GP-6-(1-3)

Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 122.1 24.7 37.1#
84 109.2 69.4 104.2#

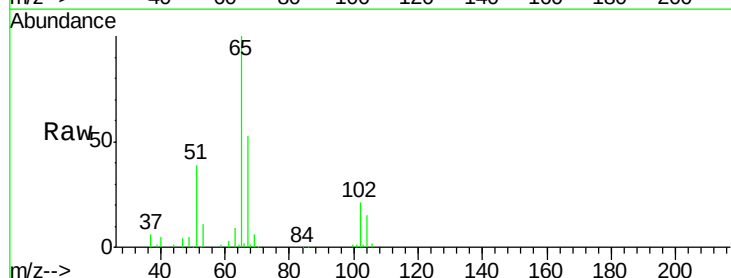


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

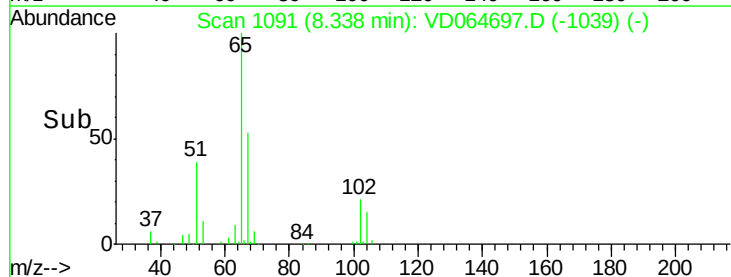
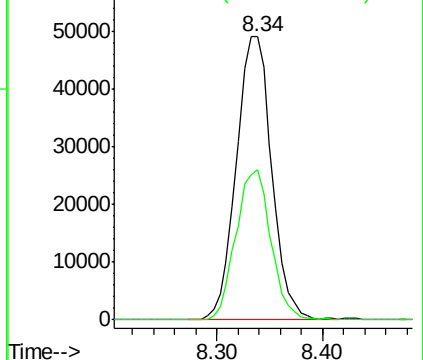


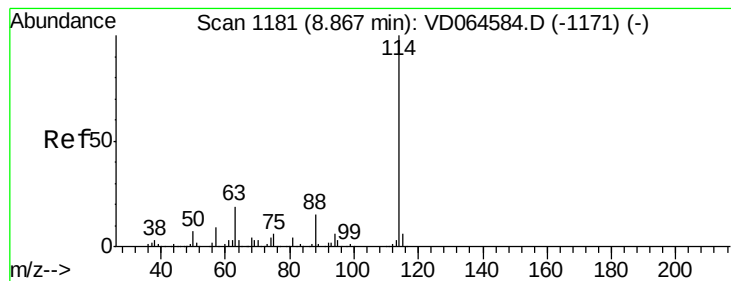
#33
1,2-Dichloroethane-d4
Concen: 75.371 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Tgt Ion: 65 Resp: 114242
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2



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

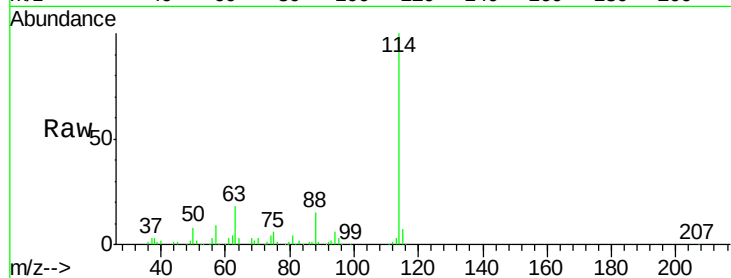




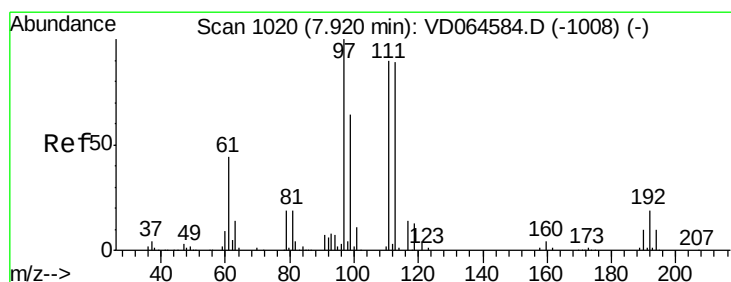
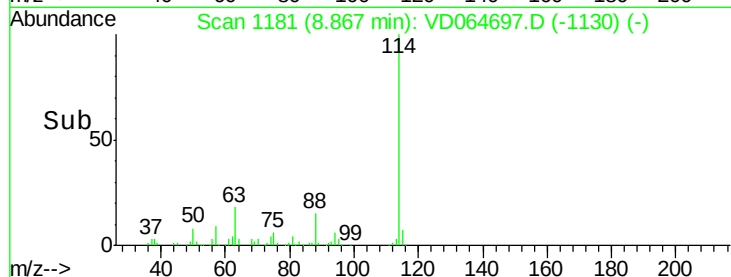
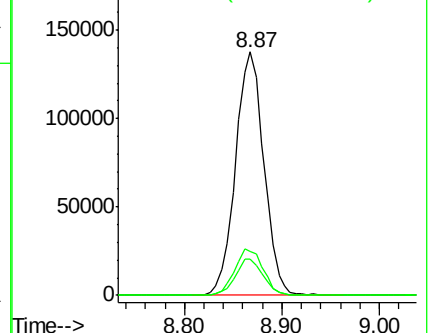
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064697.D
 Acq: 31 Dec 2019 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(1-3)

Tgt Ion:114 Resp: 278360
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.0
 88 15.1 0.0 29.2

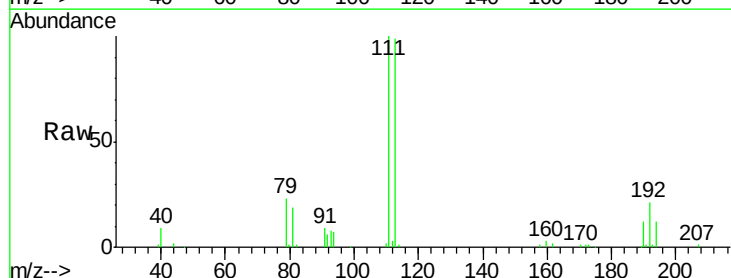


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

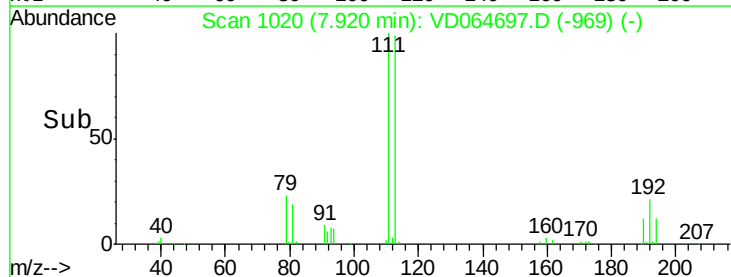
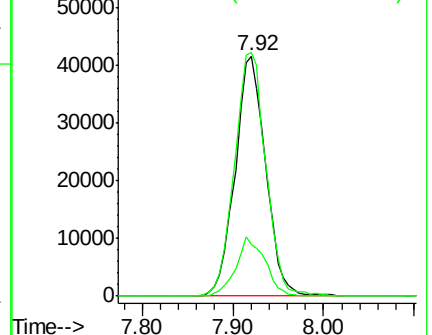


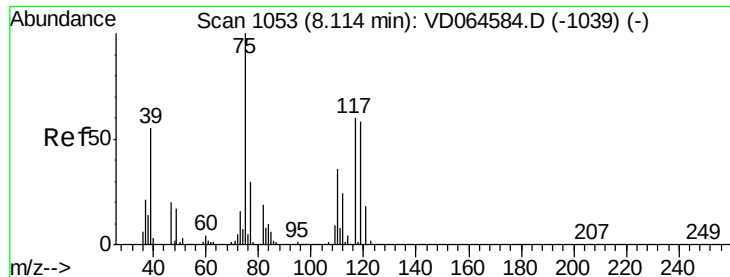
#35
 Dibromofluoromethane
 Concen: 57.098 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064697.D
 Acq: 31 Dec 2019 16:15

Tgt Ion:113 Resp: 97511
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.6 121.0
 192 23.1 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: 4.655 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

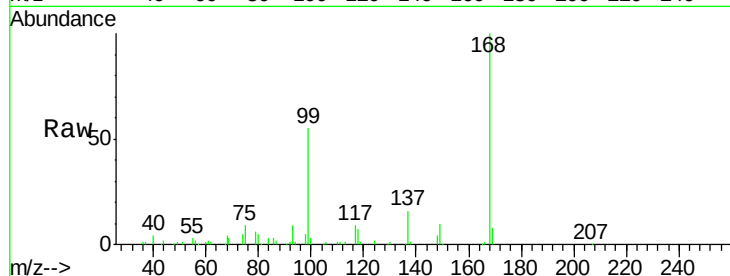
Tgt Ion: 75 Resp: 12472

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.1#

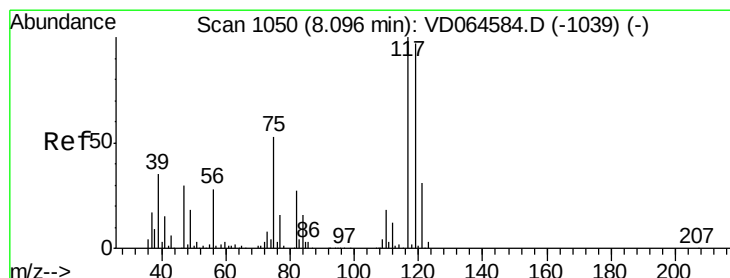
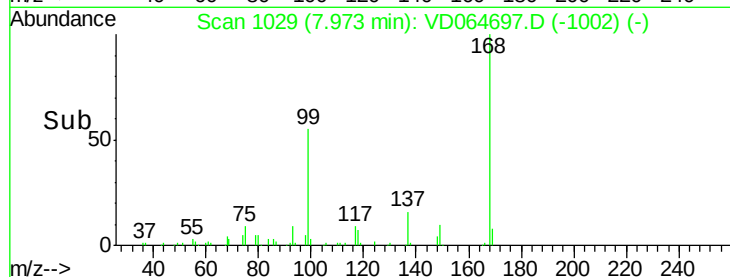
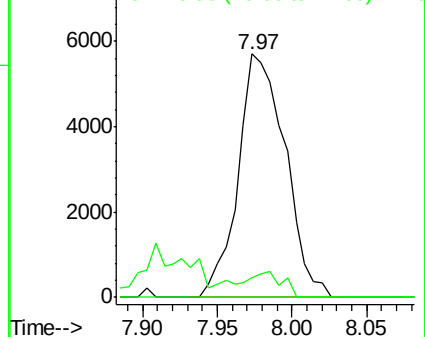
77 0.0 24.2 36.4#



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: 5.720 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

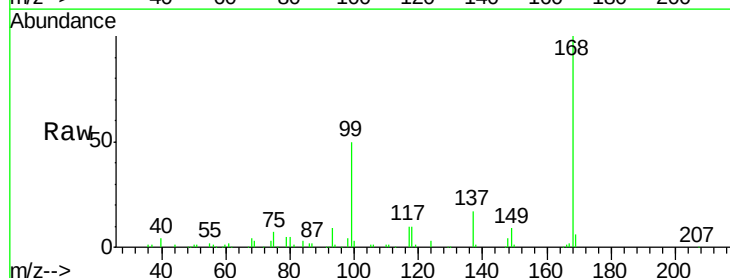
Tgt Ion: 117 Resp: 16342

Ion Ratio Lower Upper

117 100

119 5.9 77.3 115.9#

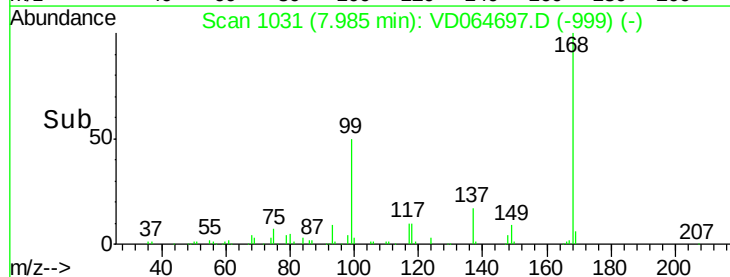
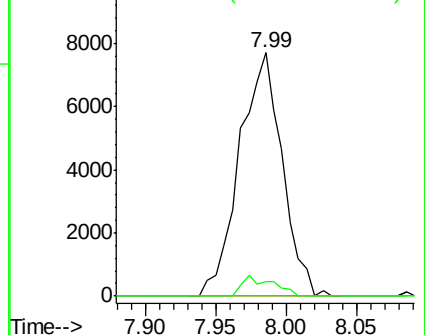
121 0.0 25.0 37.6#

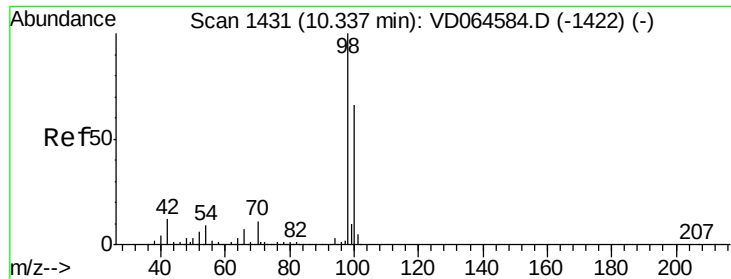


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

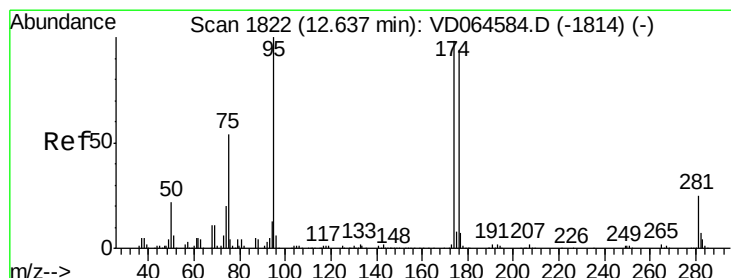
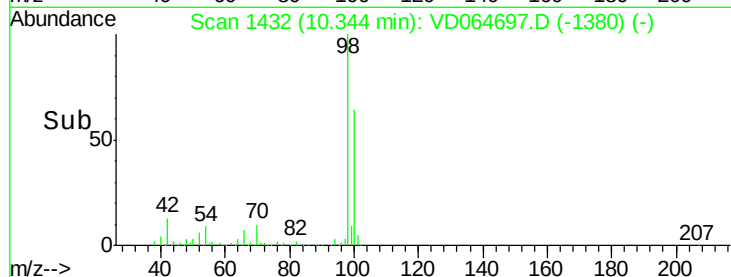
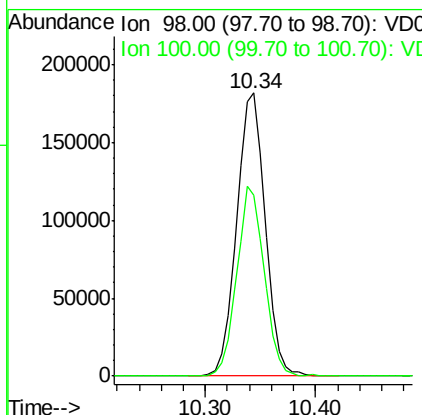
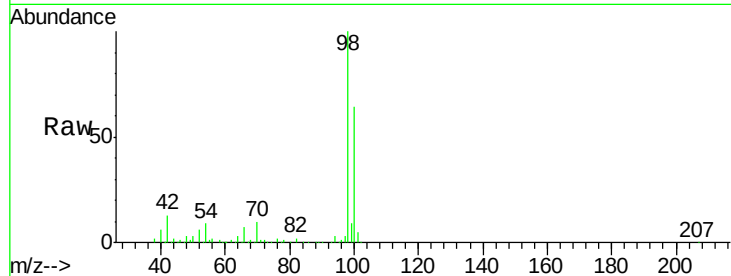




#50
Toluene-d8
Concen: 50.598 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

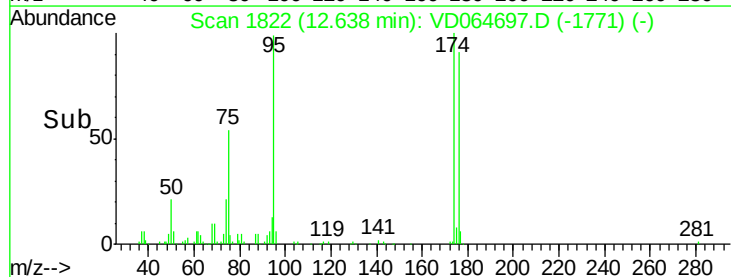
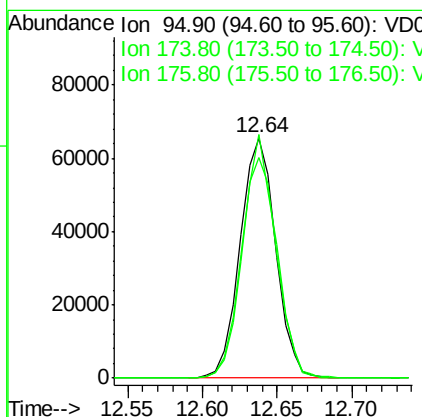
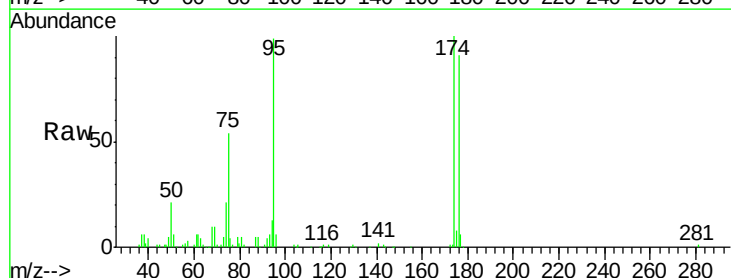
Instrument :
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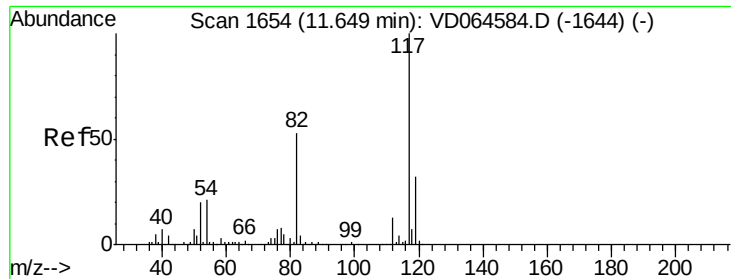
Tgt Ion: 98 Resp: 330940
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Tgt Ion: 95 Resp: 107672
Ion Ratio Lower Upper
95 100
174 95.9 0.0 193.2
176 92.5 0.0 184.2

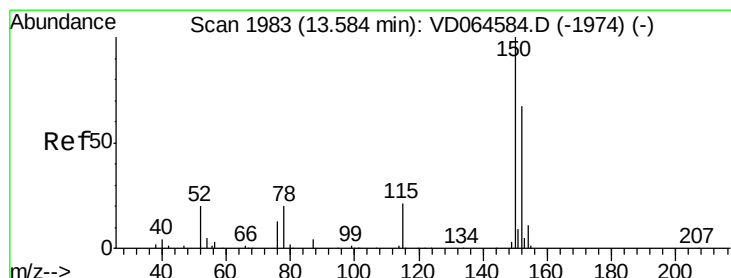
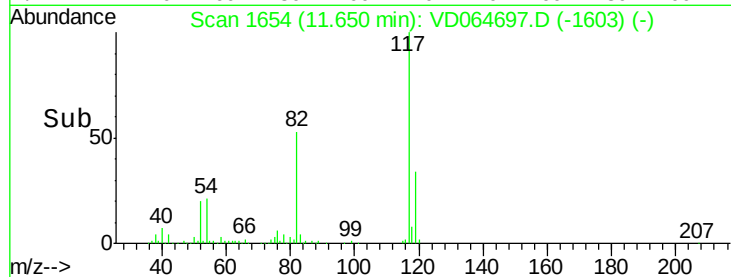
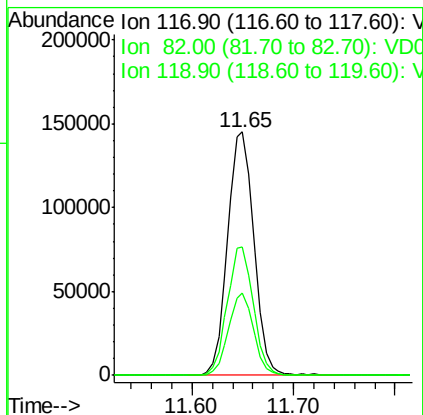
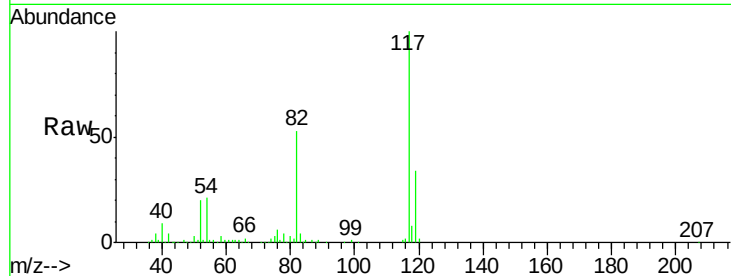




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

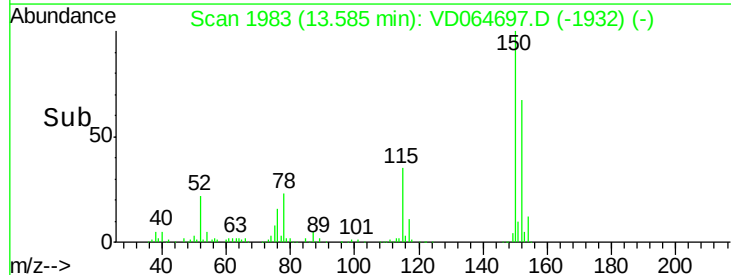
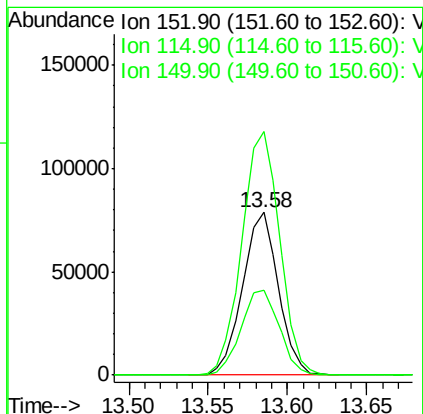
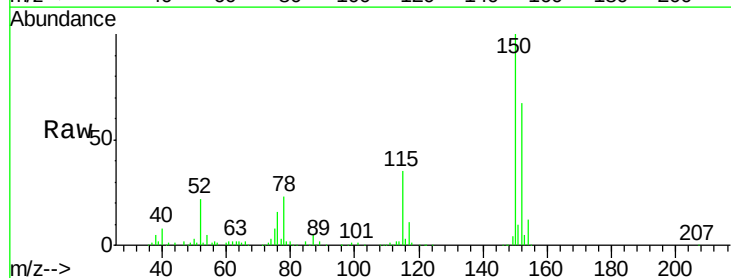
Instrument :
MSVOA_D
ClientSampleId :
GP-6-(1-3)

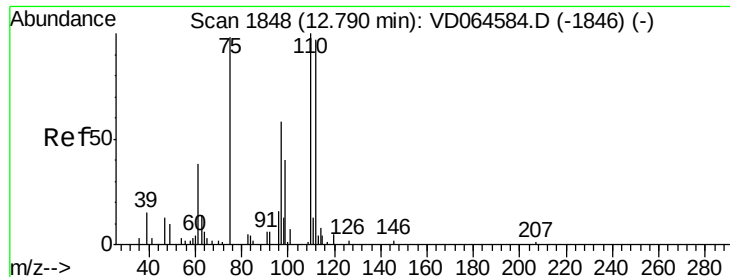
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	33.7	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064697.D
Acq: 31 Dec 2019 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	158.4	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 58.638 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

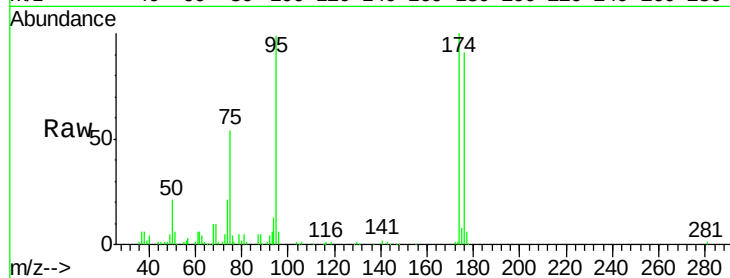
GP-6-(1-3)

Tgt Ion: 75 Resp: 57232

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

12.64

40000

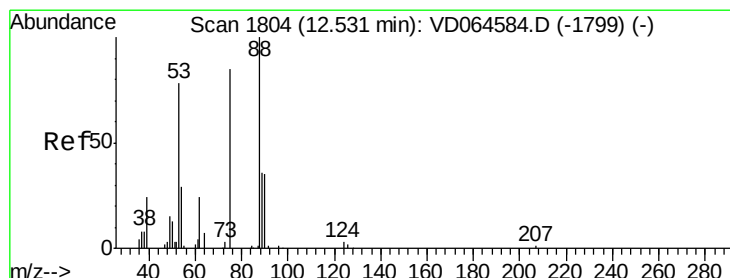
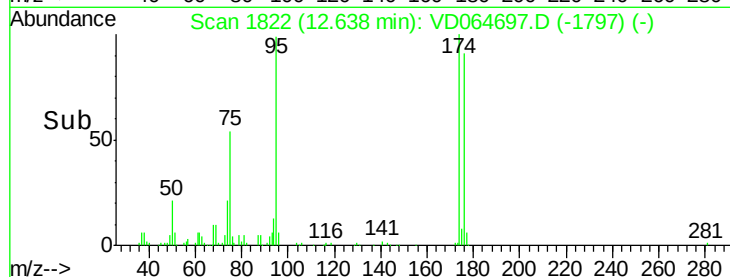
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 122.639 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

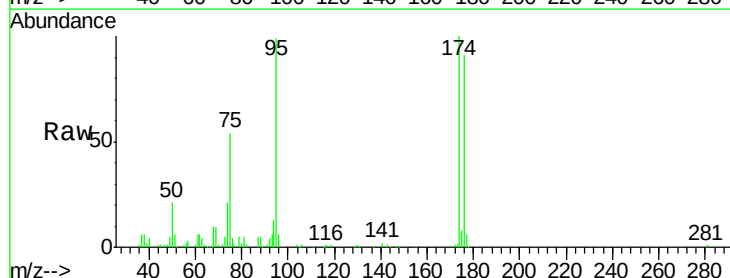
Tgt Ion: 75 Resp: 57232

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.4 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

12.64

50000

40000

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

