

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064719.D
 Acq On : 02 Jan 2020 16:00
 Operator : VA/SY
 Sample : K6465-07
 Misc : 7.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-4-(1-3)

Quant Time: Jan 03 00:25:04 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

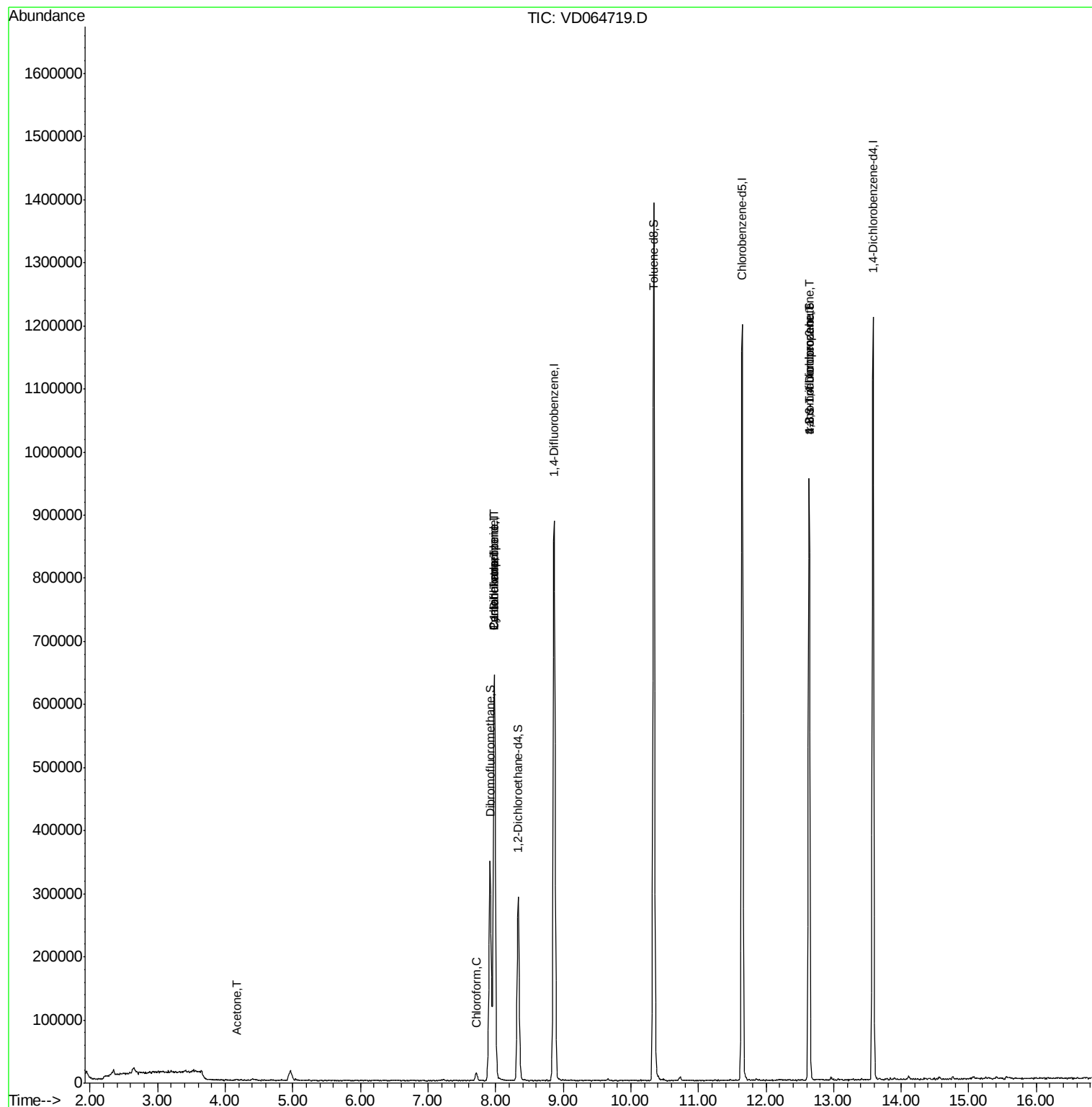
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	781681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	688845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	322865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233640	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.92	113	241092	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.34	98	934307	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	280840	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2832	6.867	ug/l #	72
20) Methylene Chloride	4.97	84	12478	Below Cal	#	89
30) Chloroform	7.71	83	11888	1.376	ug/l	90
31) Cyclohexane	7.98	56	11344	1.376	ug/l #	41
36) 1,1-Dichloropropene	7.97	75	35987	4.783	ug/l #	49
38) Carbon Tetrachloride	7.98	117	47885	5.969	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	151382	59.376	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	151382	124.183	ug/l #	10

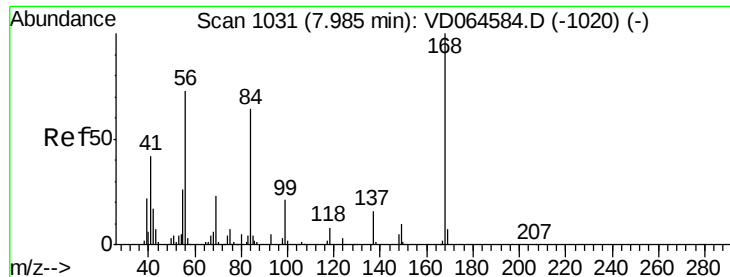
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GP-4-(1-3)

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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: VD064719.D

Acq: 02 Jan 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

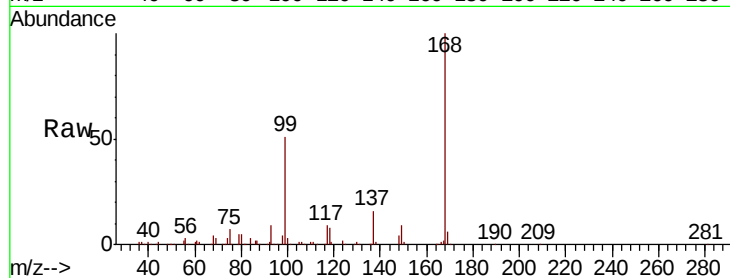
GP-4-(1-3)

Tot Ion:168 Resp: 501265

Ion Ratio Lower Upper

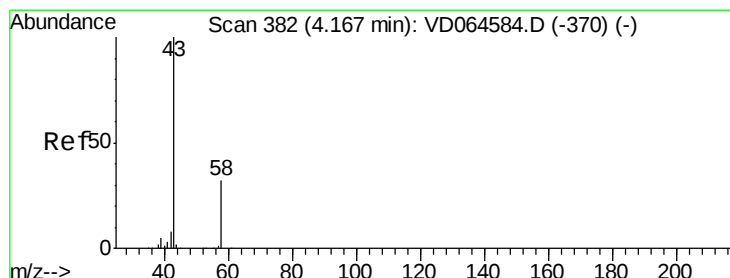
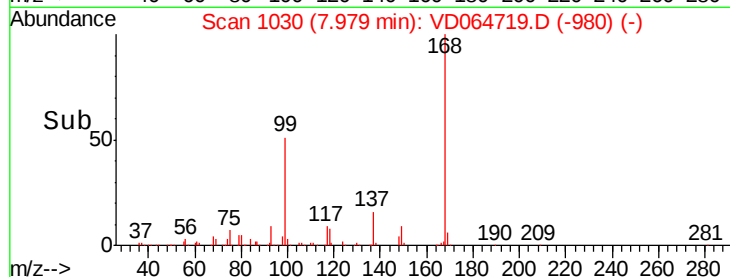
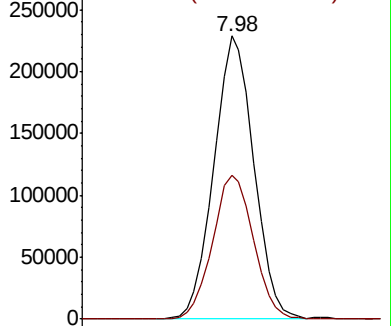
168 100

99 50.7 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: 6.867 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064719.D

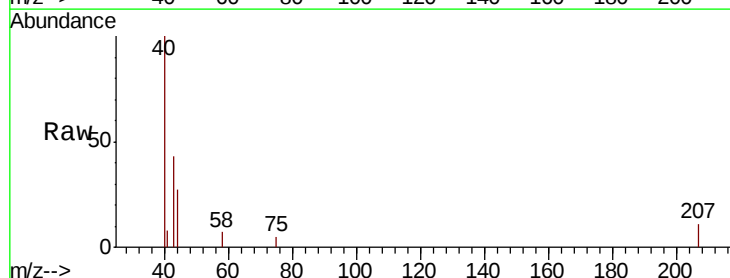
Acq: 02 Jan 2020 16:00

Tgt Ion: 43 Resp: 2832

Ion Ratio Lower Upper

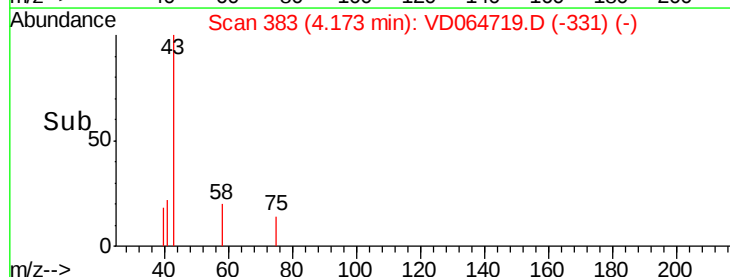
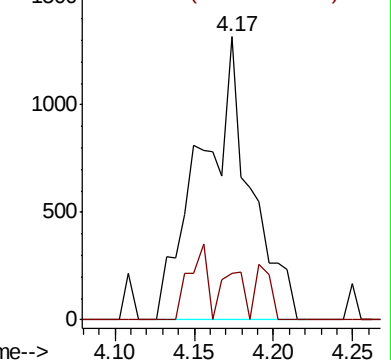
43 100

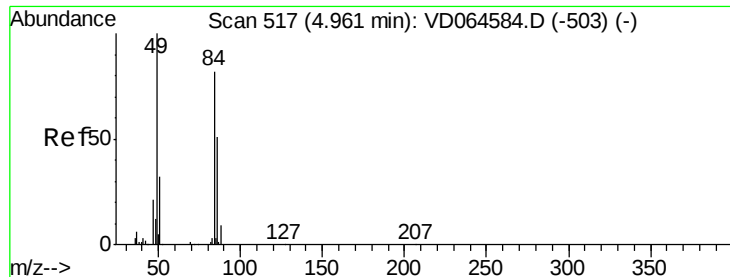
58 16.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

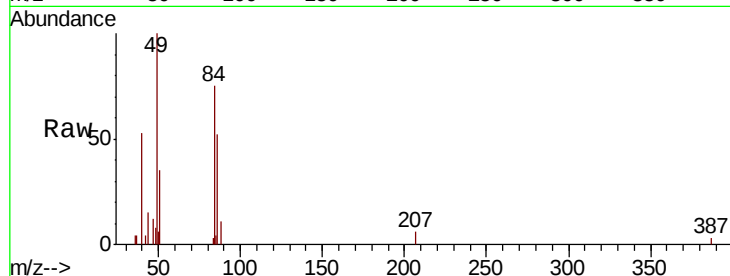




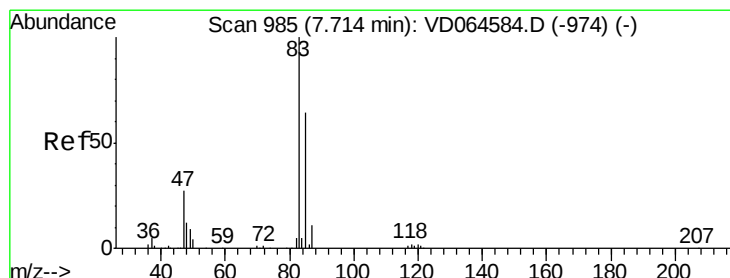
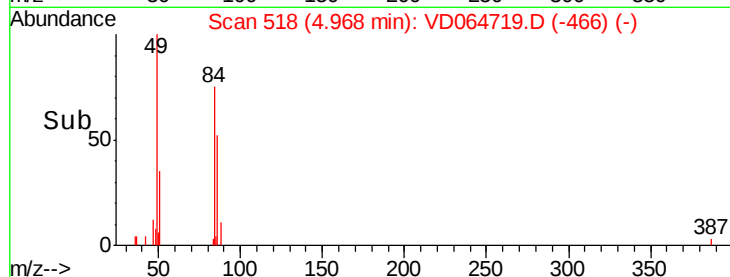
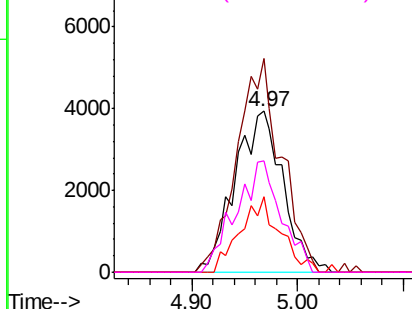
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
GP-4-(1-3)

Tot Ion: 84 Resp: 12478
Ion Ratio Lower Upper
84 100
49 132.8 97.2 145.8
51 47.1 31.4 47.0#
86 69.1 49.3 73.9

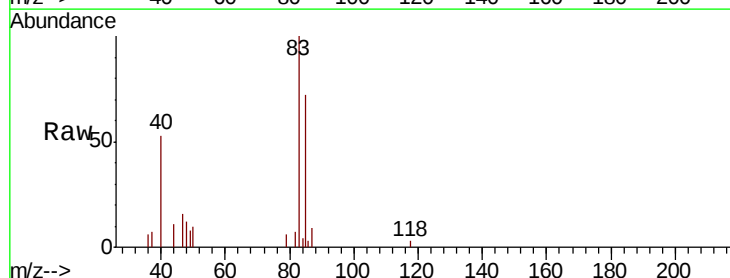


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

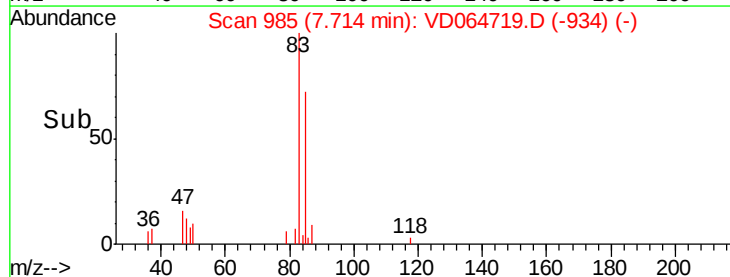
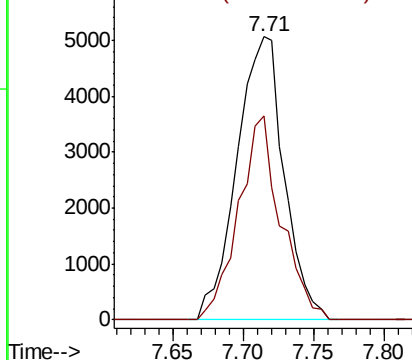


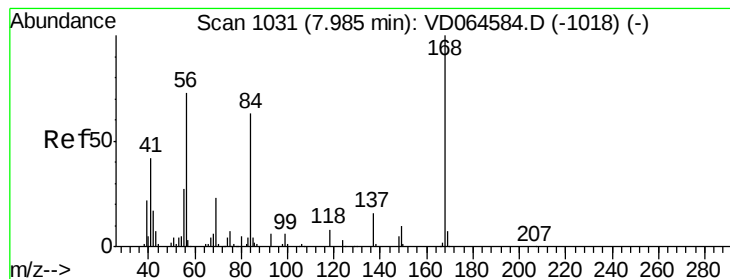
#30
Chloroform
Concen: 1.376 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Tgt Ion: 83 Resp: 11888
Ion Ratio Lower Upper
83 100
85 71.9 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: 1.376 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064719.D

Acq: 02 Jan 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

GP-4-(1-3)

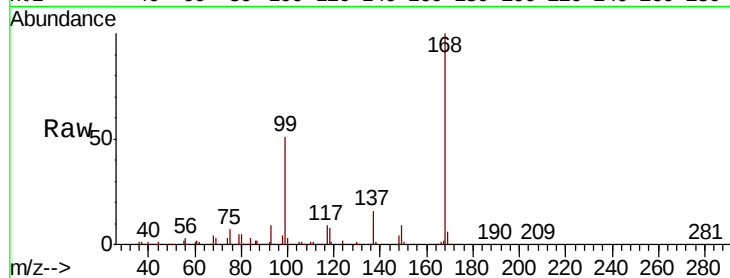
Tot Ion: 56 Resp: 11344

Ion Ratio Lower Upper

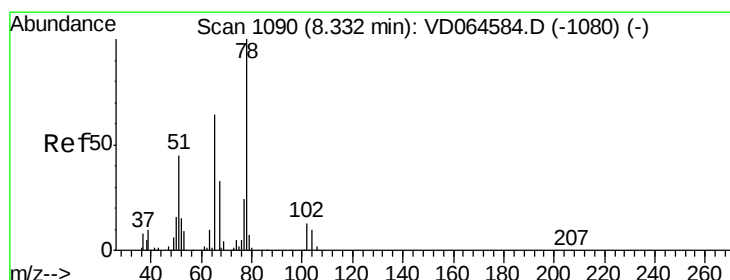
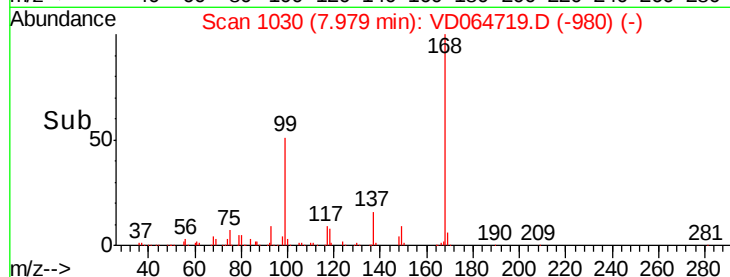
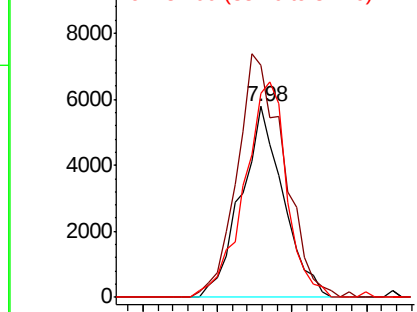
56 100

69 122.0 24.7 37.1#

84 106.7 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: 52.859 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064719.D

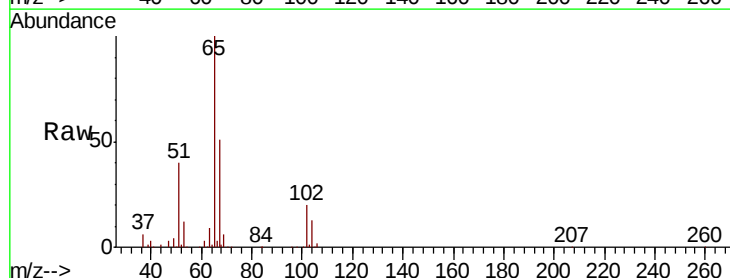
Acq: 02 Jan 2020 16:00

Tgt Ion: 65 Resp: 233640

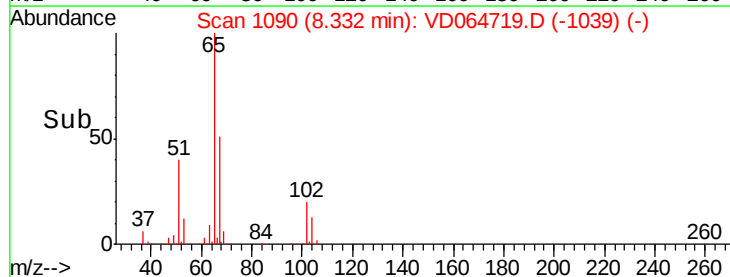
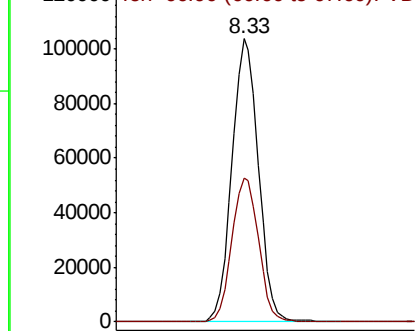
Ion Ratio Lower Upper

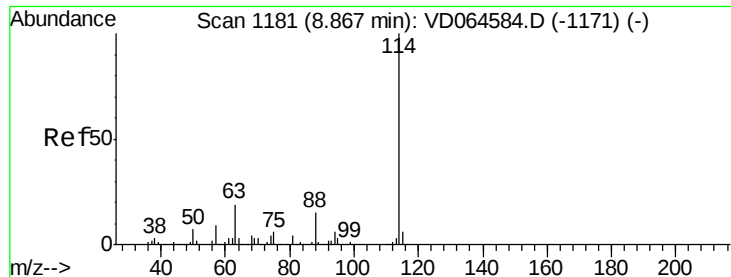
65 100

67 51.3 0.0 106.2



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

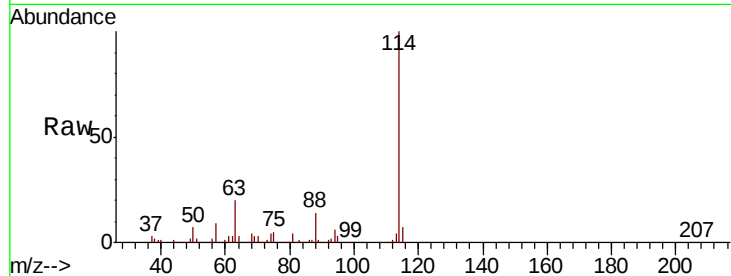




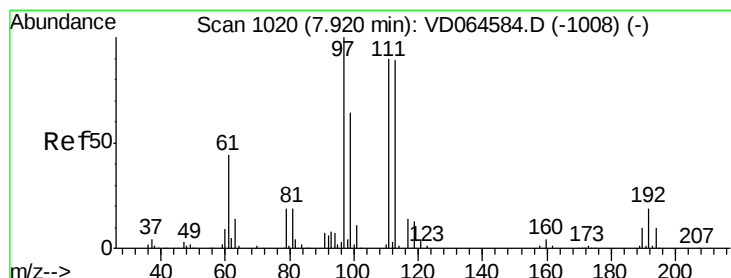
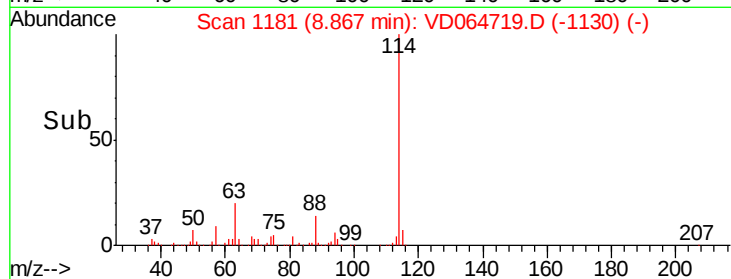
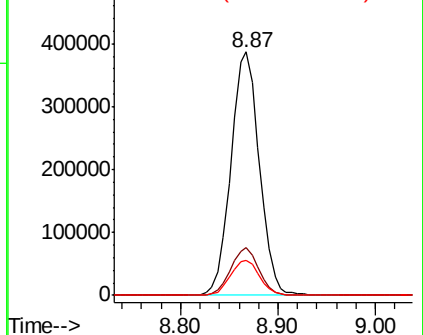
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
GP-4-(1-3)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.0
88	14.1	0.0	29.2

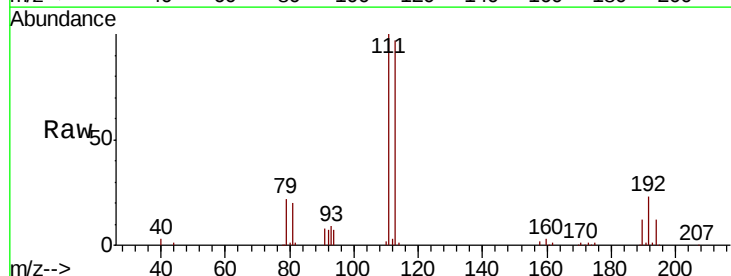


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

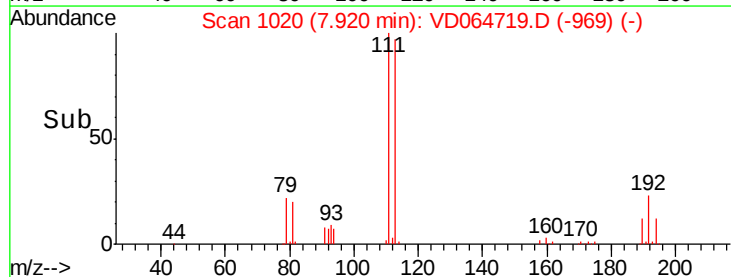
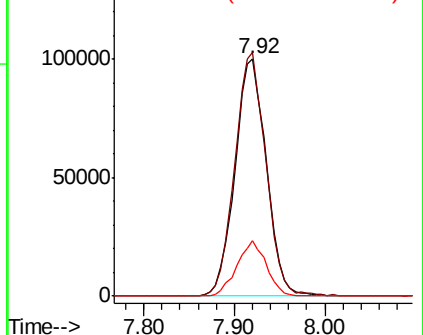


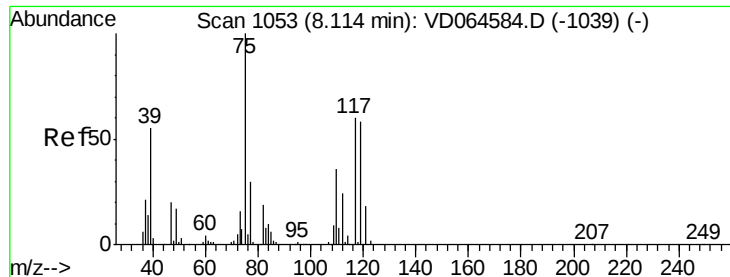
#35
Dibromofluoromethane
Concen: 50.272 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.6	121.0
192	21.8	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: 4.783 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD064719.D

Acq: 02 Jan 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

GP-4-(1-3)

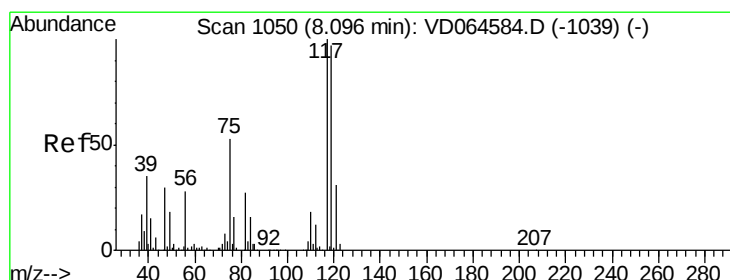
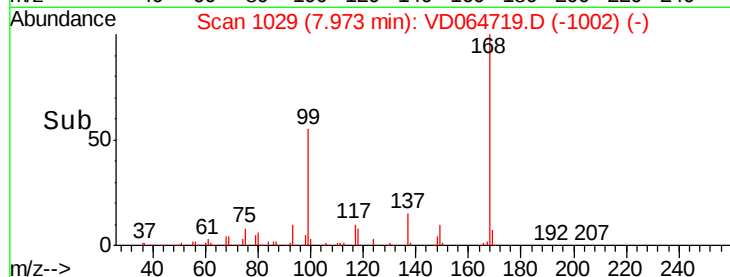
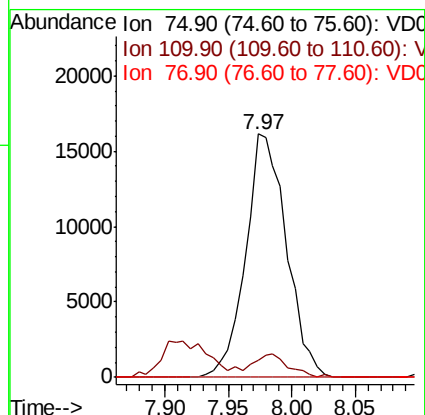
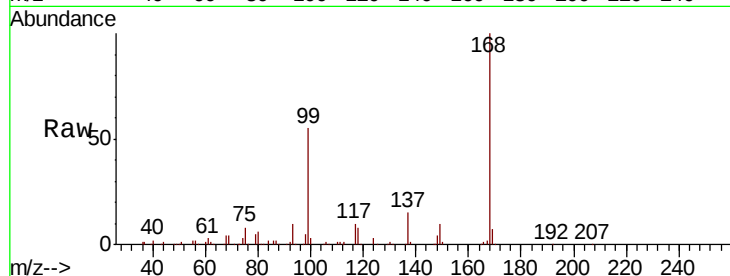
Tot Ion: 75 Resp: 35987

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.1#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.969 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064719.D

Acq: 02 Jan 2020 16:00

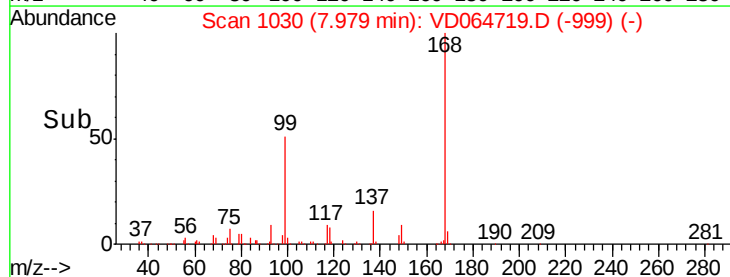
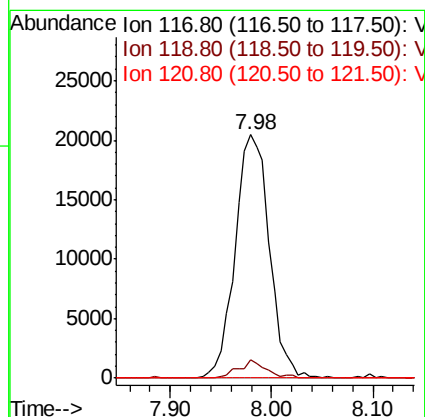
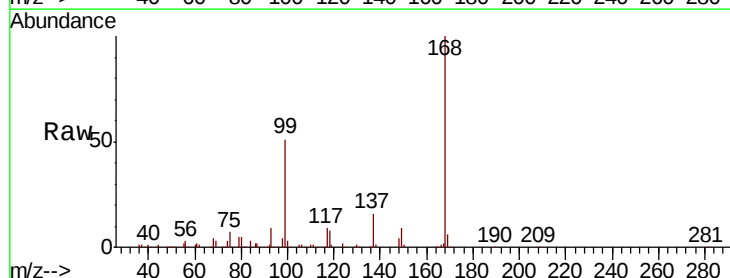
Tgt Ion: 117 Resp: 47885

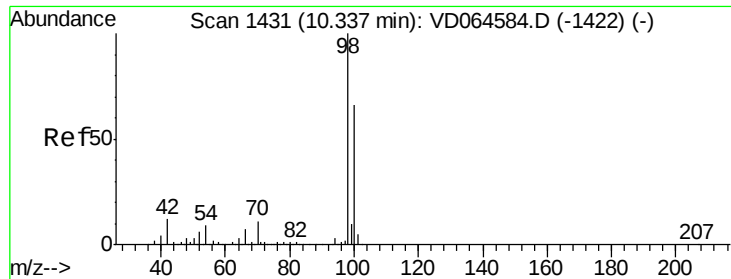
Ion Ratio Lower Upper

117 100

119 7.5 77.3 115.9#

121 0.0 25.0 37.6#

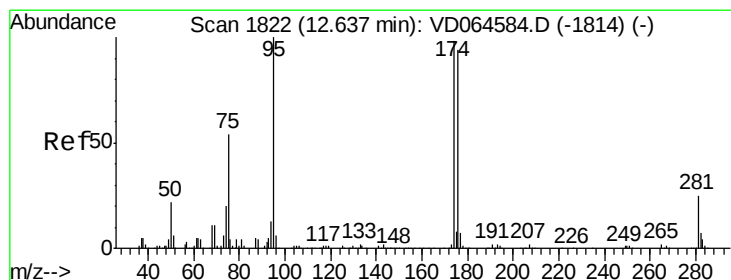
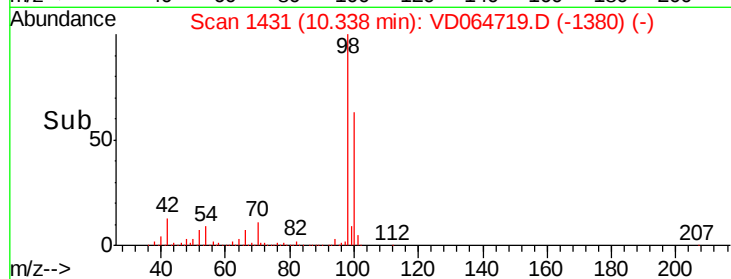
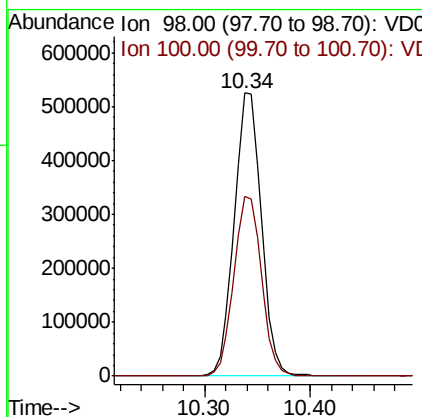
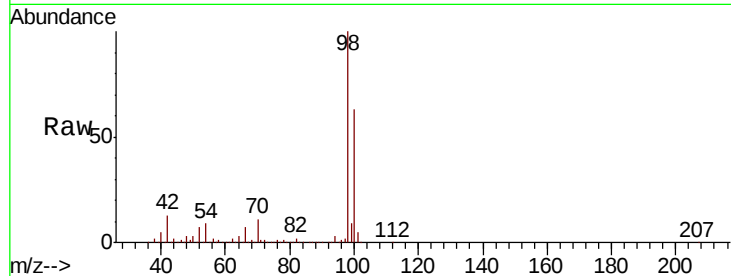




#50
Toluene-d8
Concen: 50.868 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

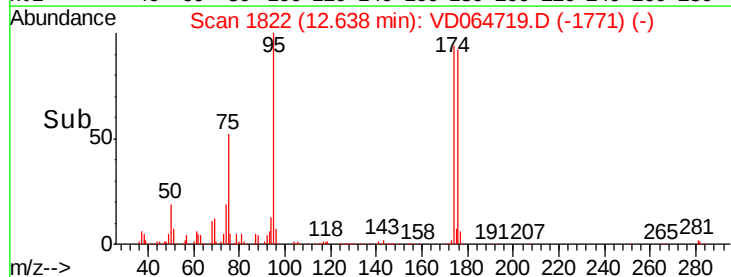
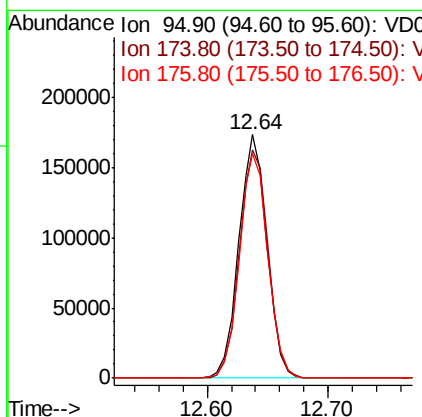
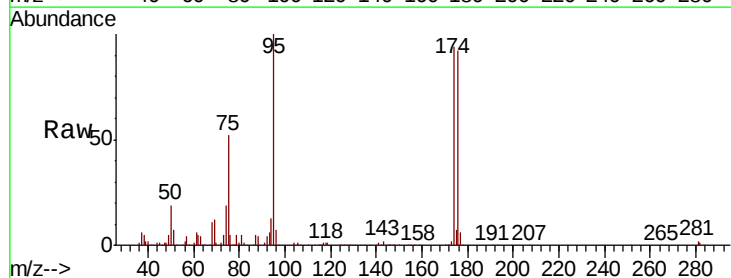
Instrument :
MSVOA_D
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GP-4-(1-3)

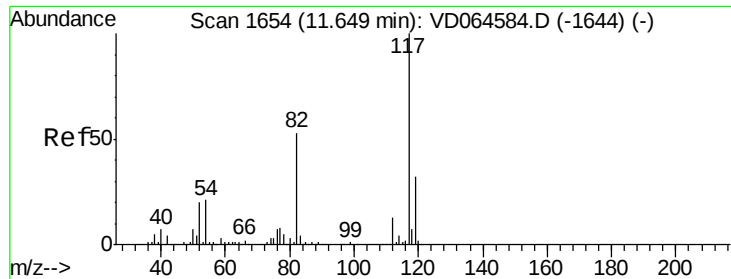
Tot Ion: 98 Resp: 934307
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.355 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Tgt Ion: 95 Resp: 280840
Ion Ratio Lower Upper
95 100
174 95.7 0.0 193.2
176 93.2 0.0 184.2

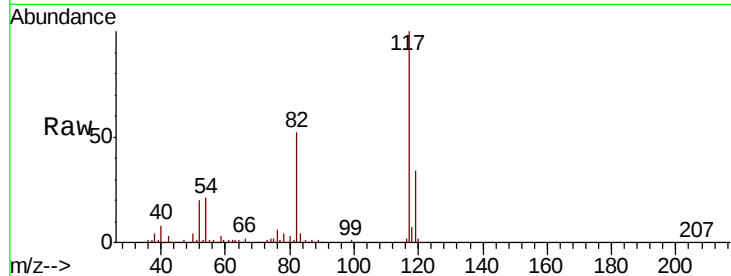




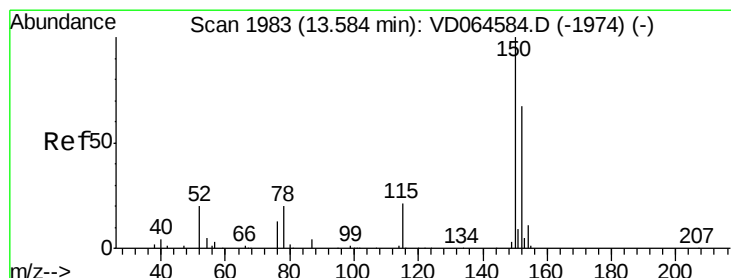
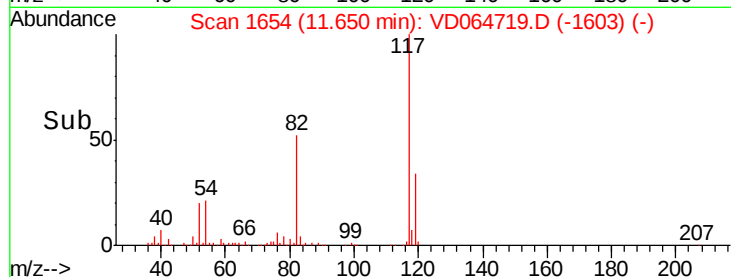
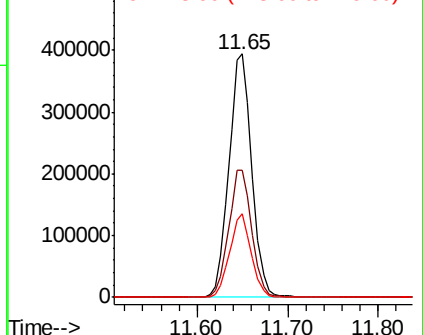
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
GP-4-(1-3)

Tot Ion:117 Resp: 688845
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 34.4 26.0 39.0

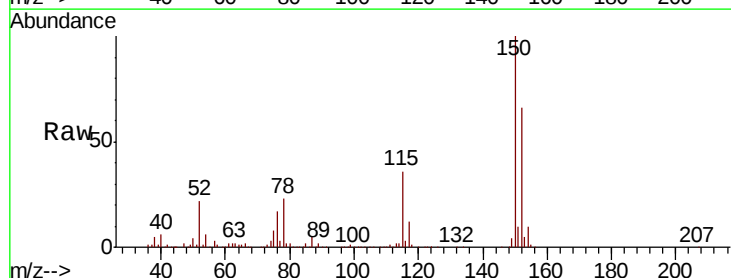


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

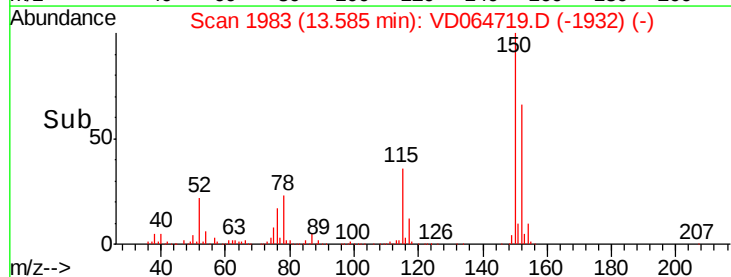
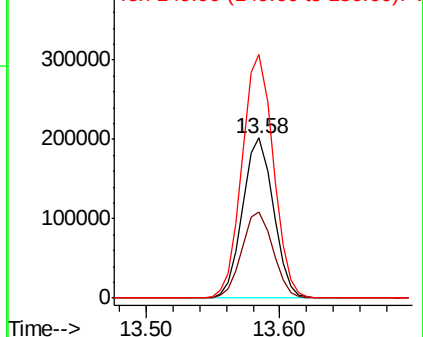


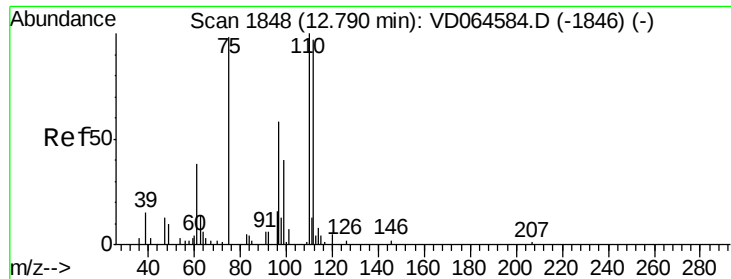
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064719.D
Acq: 02 Jan 2020 16:00

Tgt Ion:152 Resp: 322865
Ion Ratio Lower Upper
152 100
115 54.5 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: 59.376 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064719.D

Acq: 02 Jan 2020 16:00

Instrument :

MSVOA_D

ClientSampleID :

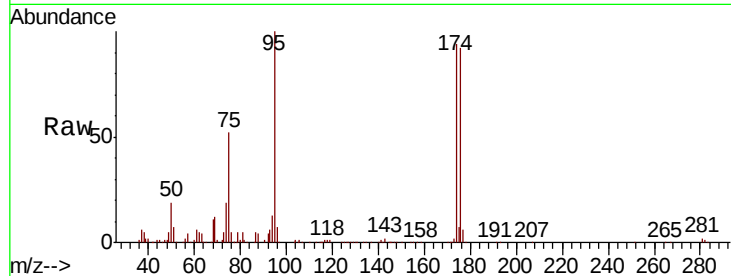
GP-4-(1-3)

Tot Ion: 75 Resp: 151382

Ion Ratio Lower Upper

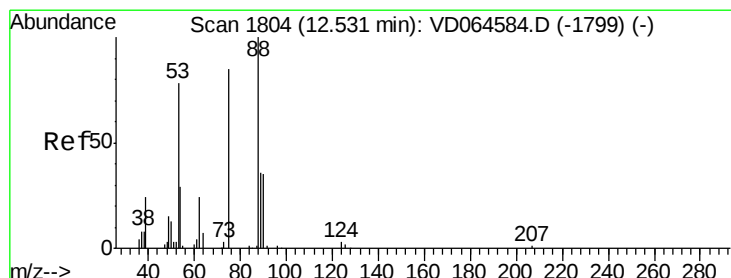
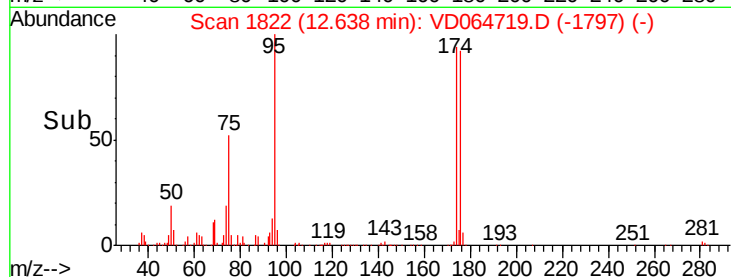
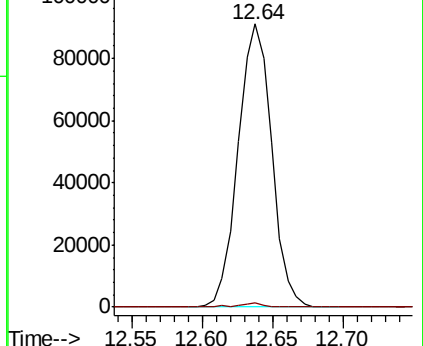
75 100

77 1.2 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: 124.183 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064719.D

Acq: 02 Jan 2020 16:00

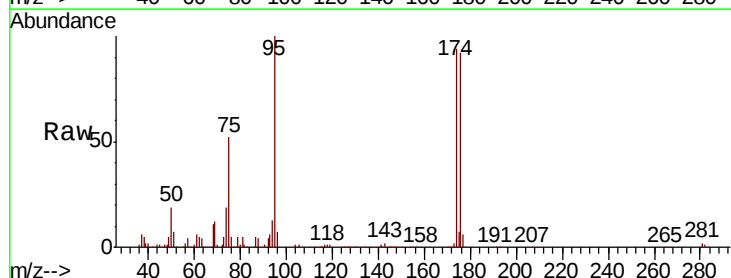
Tgt Ion: 75 Resp: 151382

Ion Ratio Lower Upper

75 100

53 0.1 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

