

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064652.D
 Acq On : 27 Dec 2019 18:43
 Operator : VA/SY
 Sample : K6450-01
 Misc : 9.1G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32

Quant Time: Dec 30 01:00:56 2019
 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

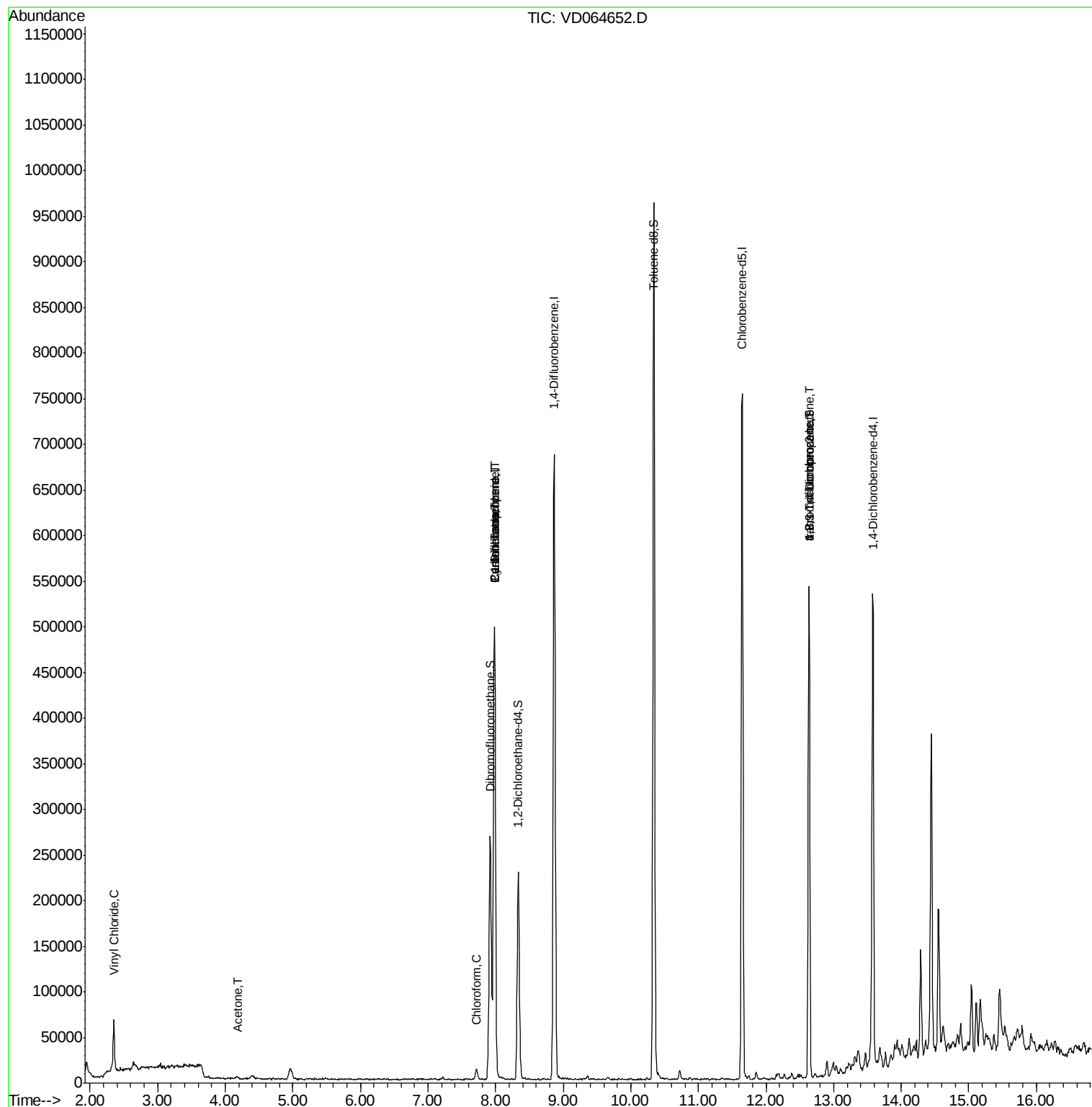
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	599082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	432926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183143	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	7.92	113	186869	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.34	98	661780	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.64	95	157244	35.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.66%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.35	62	48048	9.165	ug/l	91
16) Acetone	4.17	43	4113	9.118	ug/l	91
20) Methylene Chloride	4.97	84	8926	Below Cal		93
30) Chloroform	7.71	83	10115	1.484	ug/l	95
31) Cyclohexane	7.98	56	9578	1.473	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	28078	4.869	ug/l #	46
38) Carbon Tetrachloride	7.98	117	37900	6.164	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	83189	74.010	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	83189	154.789	ug/l #	10

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

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Misc : 9.1G/5.00ml/MSVOA_D/SOIL
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WP022SB446_191226-30-32

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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# 1031

Delta R.T. 0.00 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

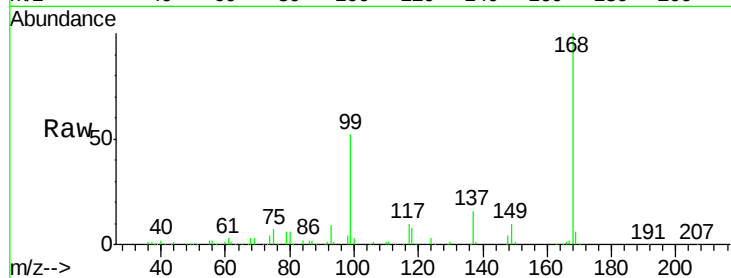
WP022SB446_191226-30-32

Tgt Ion:168 Resp: 395587

Ion Ratio Lower Upper

168 100

99 51.8 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

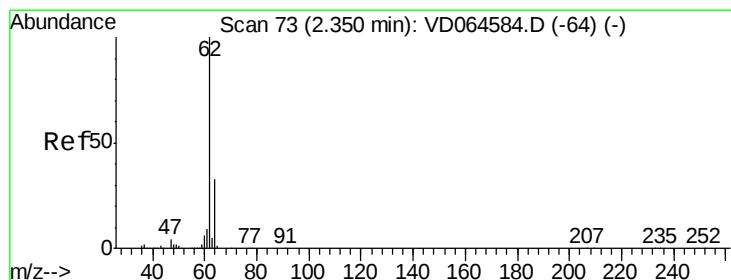
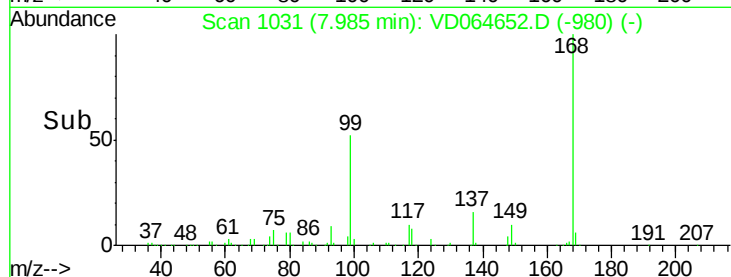
100000

50000

0

7.90 8.00 8.10

Time-->



#4

Vinyl Chloride

Concen: 9.165 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064652.D

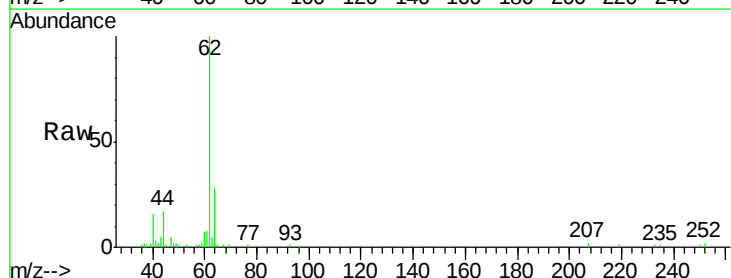
Acq: 27 Dec 2019 18:43

Tgt Ion: 62 Resp: 48048

Ion Ratio Lower Upper

62 100

64 28.0 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

30000

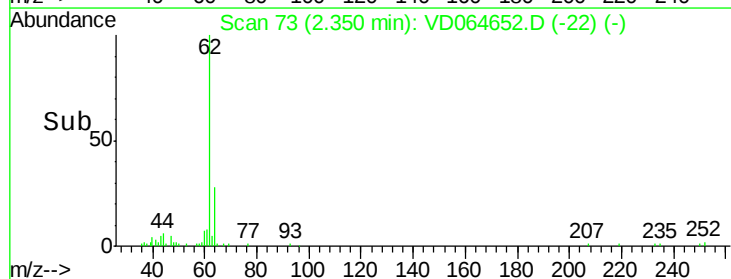
20000

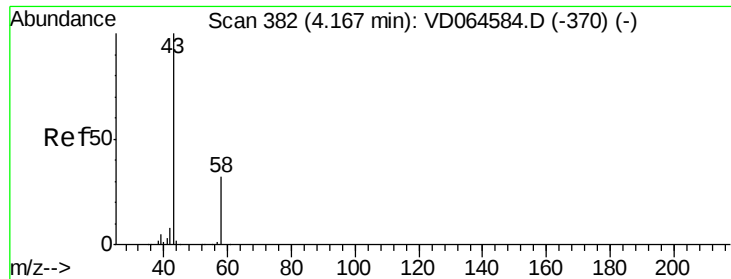
10000

0

2.30 2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 9.118 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

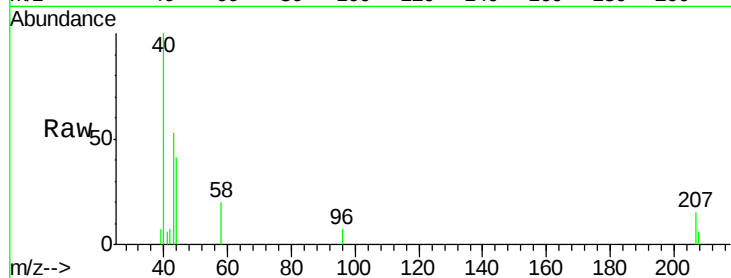
WP022SB446_191226-30-32

Tgt Ion: 43 Resp: 4113

Ion Ratio Lower Upper

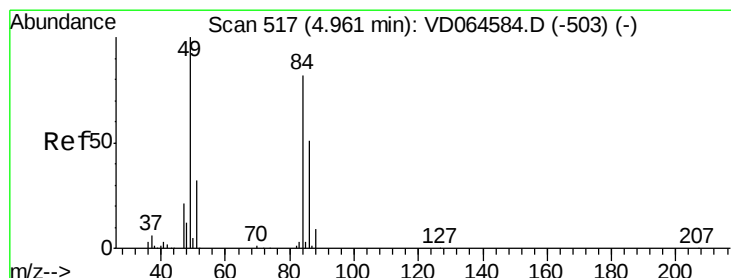
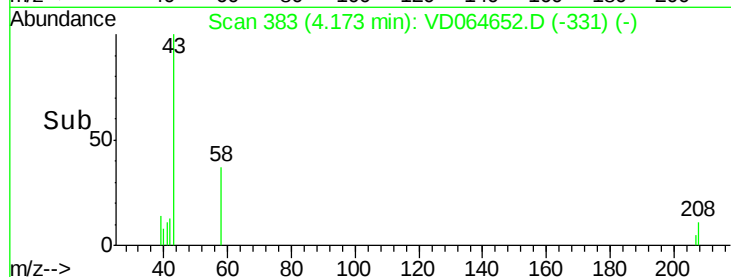
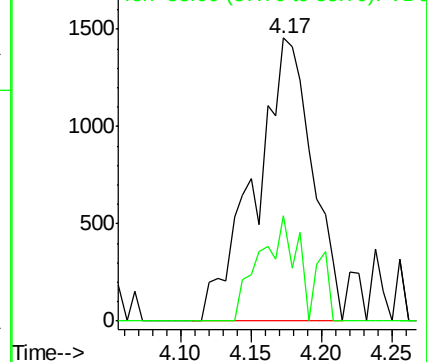
43 100

58 37.3 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: VD064652.D

Acq: 27 Dec 2019 18:43

Tgt Ion: 84 Resp: 8926

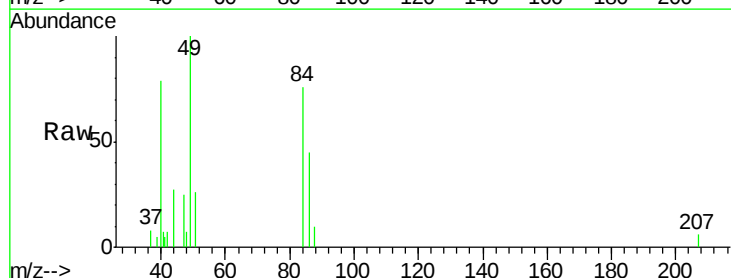
Ion Ratio Lower Upper

84 100

49 131.2 97.2 145.8

51 34.0 31.4 47.0

86 58.8 49.3 73.9

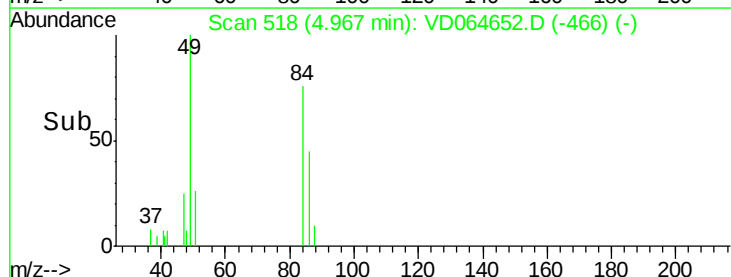
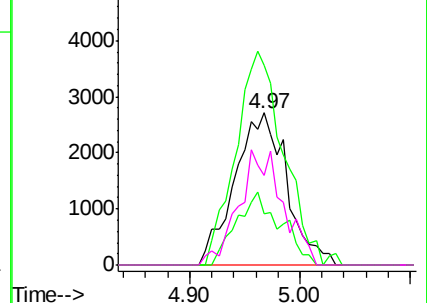


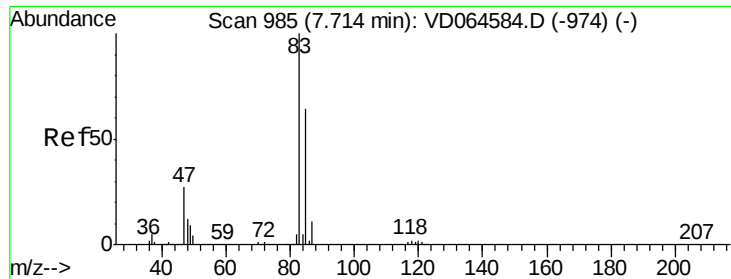
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

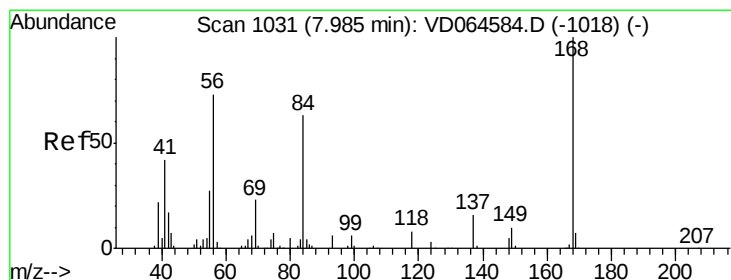
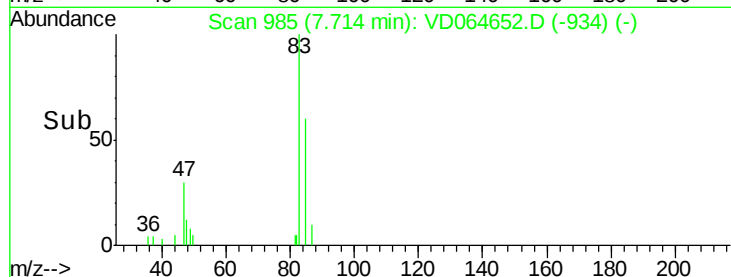
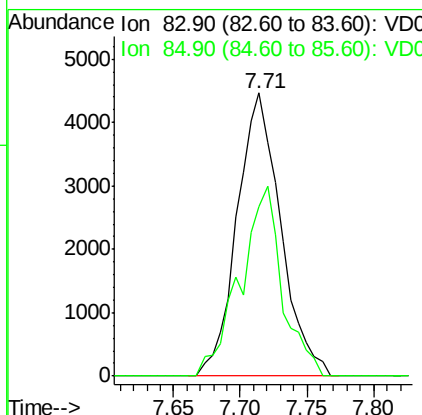
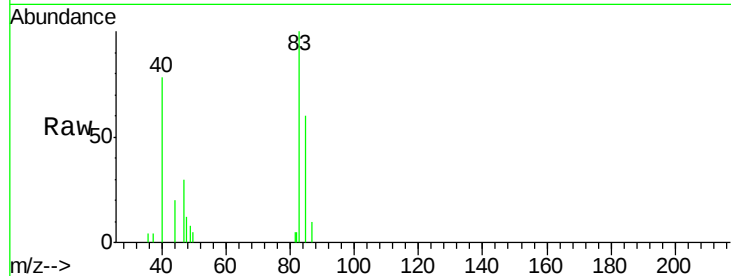




#30
Chloroform
Concen: 1.484 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064652.D
Acq: 27 Dec 2019 18:43

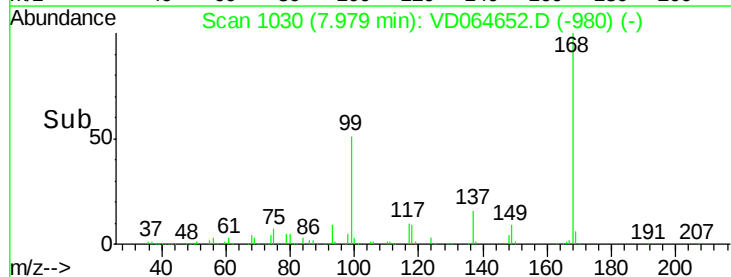
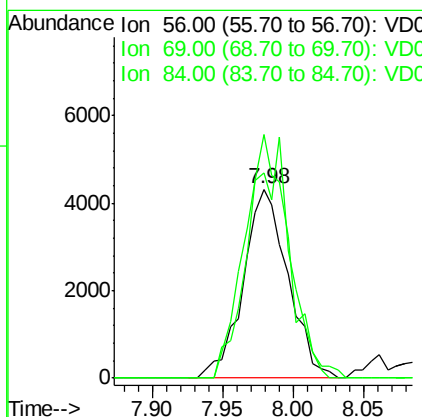
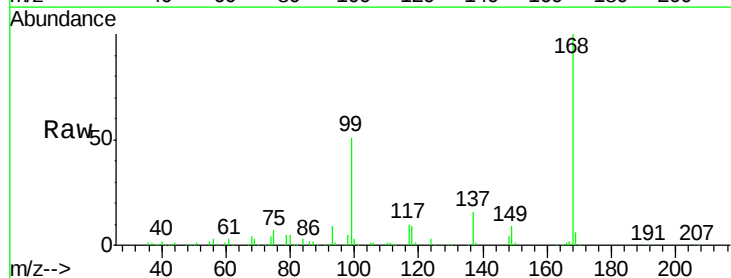
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32

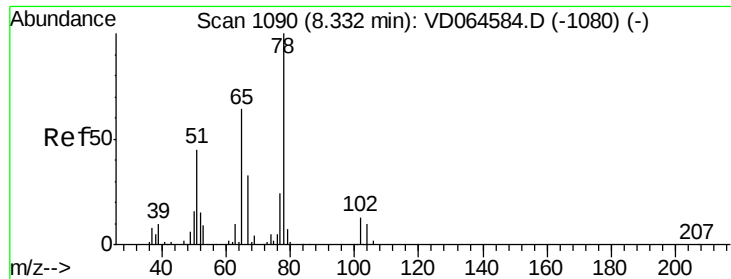
Tgt Ion: 83 Resp: 10115
Ion Ratio Lower Upper
83 100
85 59.9 51.1 76.7



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064652.D
Acq: 27 Dec 2019 18:43

Tgt Ion: 56 Resp: 9578
Ion Ratio Lower Upper
56 100
69 128.8 24.7 37.1#
84 108.3 69.4 104.2#

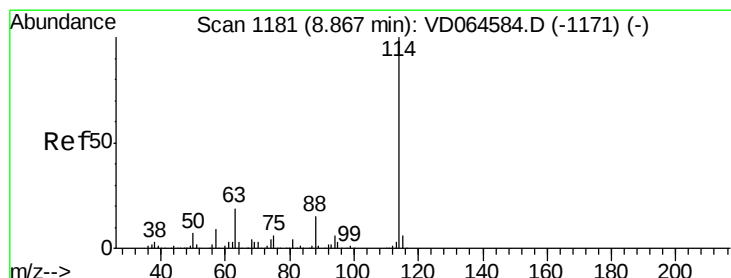
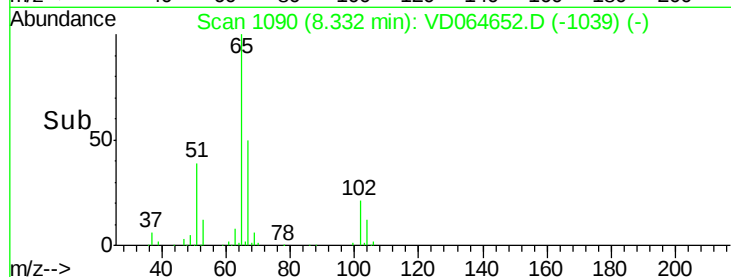
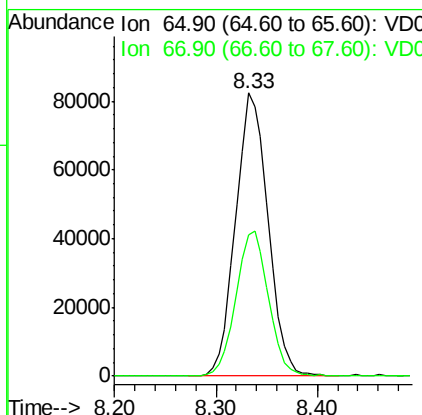
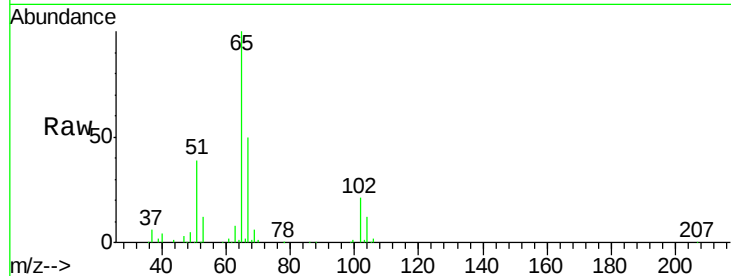




#33
 1,2-Dichloroethane-d4
 Concen: 52.503 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064652.D
 Acq: 27 Dec 2019 18:43

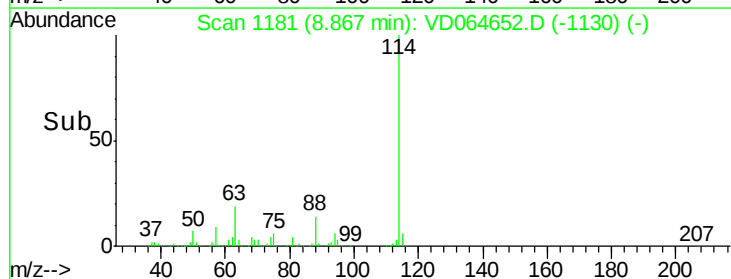
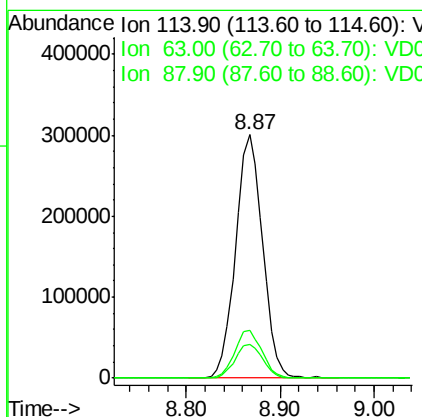
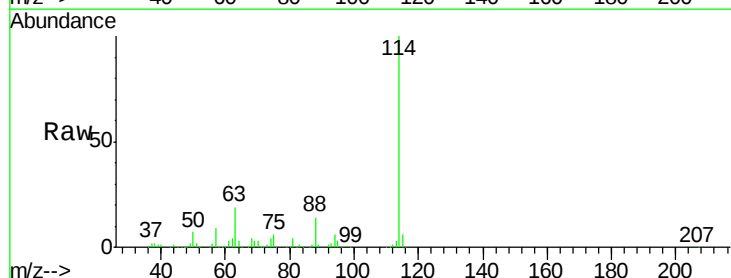
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32

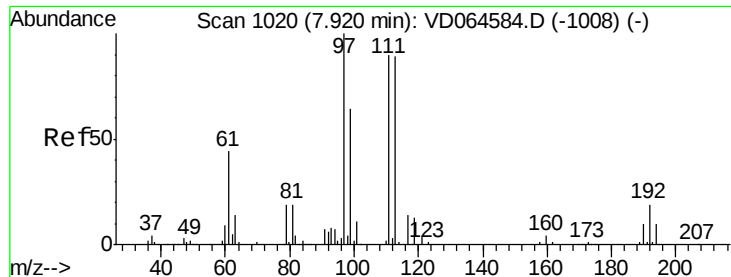
Tgt Ion: 65 Resp: 183143
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064652.D
 Acq: 27 Dec 2019 18:43

Tgt Ion: 114 Resp: 599082
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 13.8 0.0 29.2

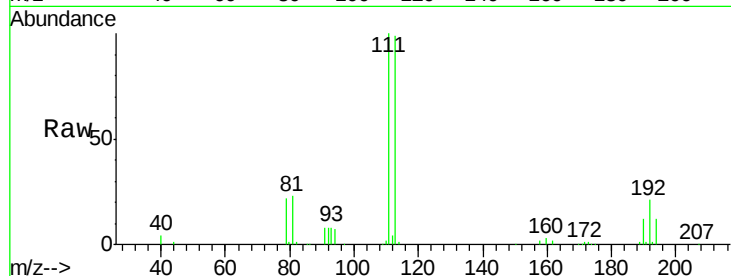




#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064652.D
Acq: 27 Dec 2019 18:43

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.9	80.6	121.0
192	21.4	17.9	26.9

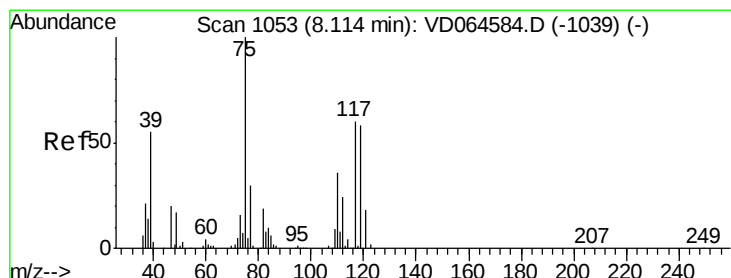
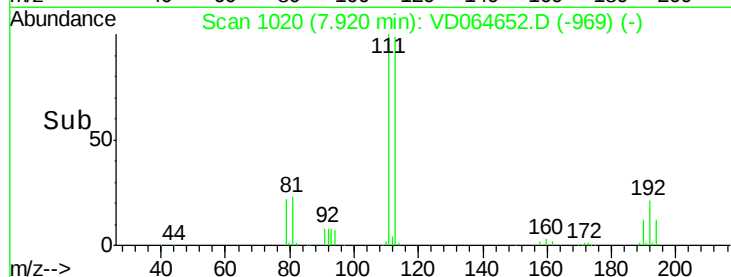
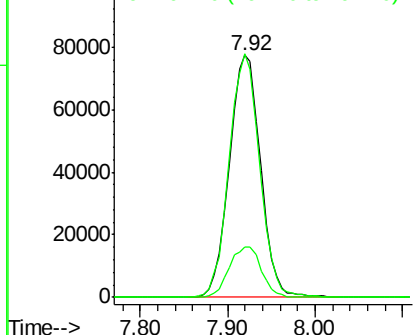


Abundance

Ion 112.80 (112.50 to 113.50): V

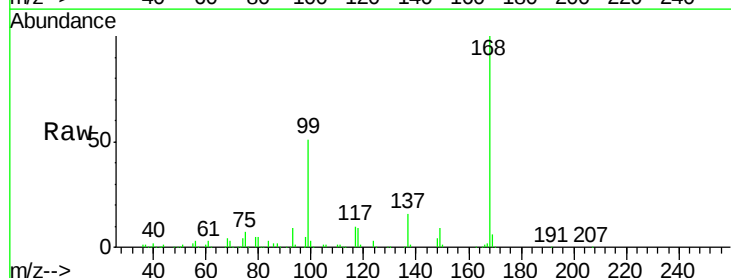
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD064652.D
Acq: 27 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.3	18.1	54.1#
77	0.0	24.2	36.4#

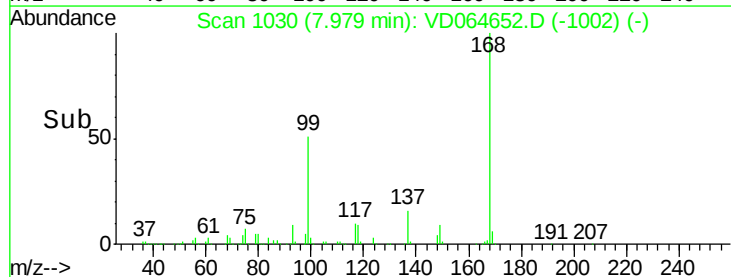
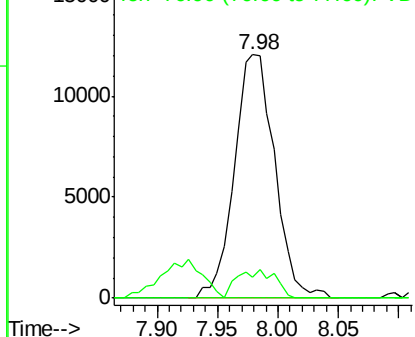


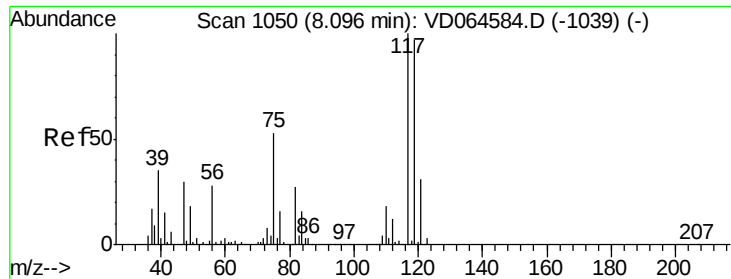
Abundance

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: 6.164 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32

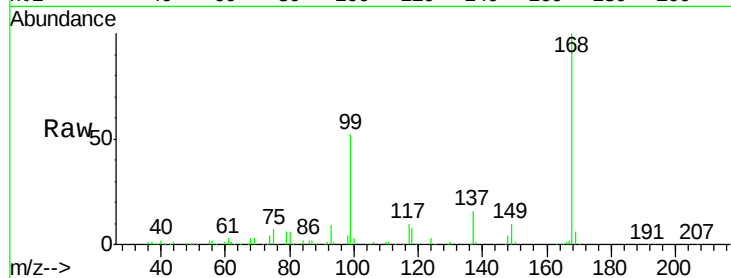
Tgt Ion:117 Resp: 37900

Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

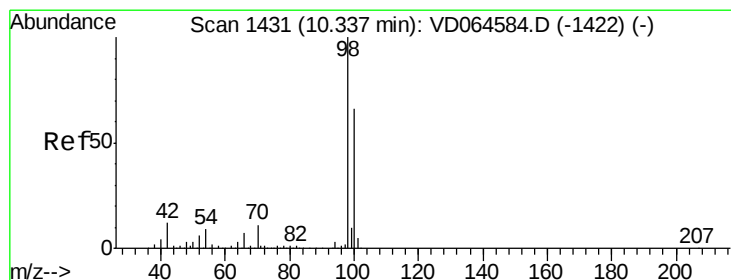
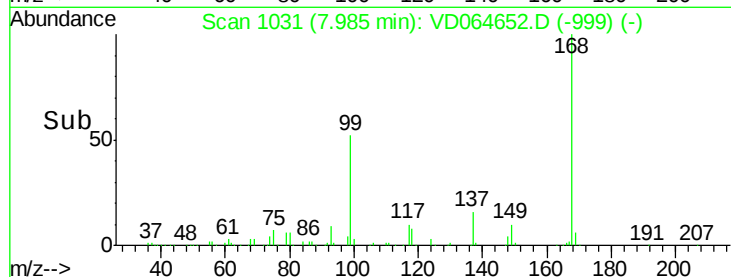
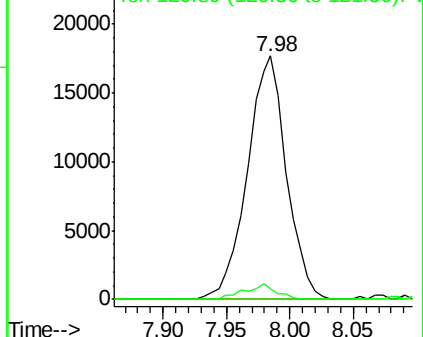
121 0.0 25.0 37.6#



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: 47.013 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064652.D

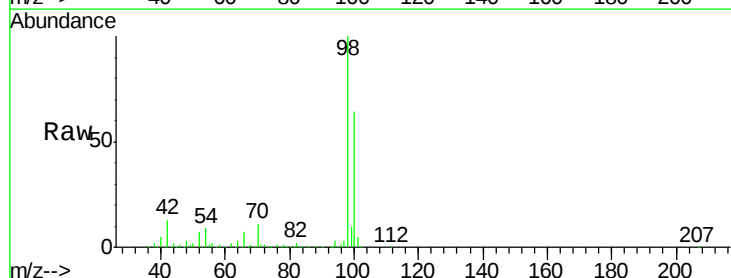
Acq: 27 Dec 2019 18:43

Tgt Ion: 98 Resp: 661780

Ion Ratio Lower Upper

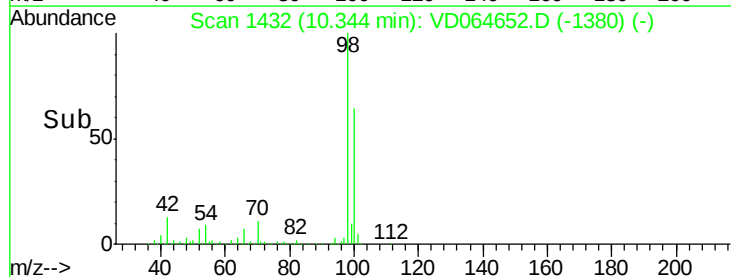
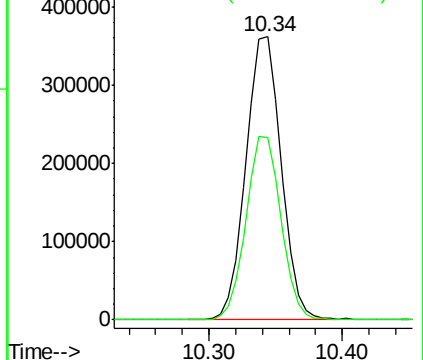
98 100

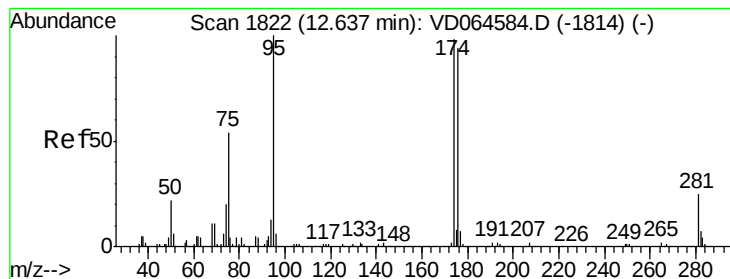
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.326 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32

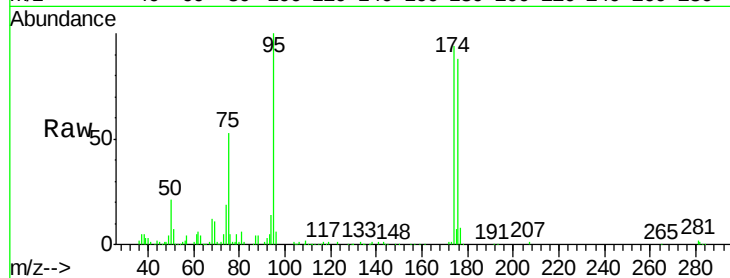
Tgt Ion: 95 Resp: 157244

Ion Ratio Lower Upper

95 100

174 92.1 0.0 193.2

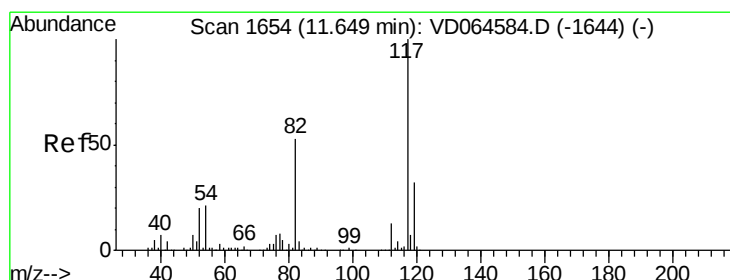
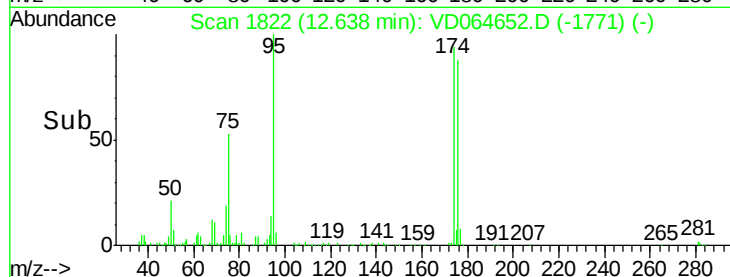
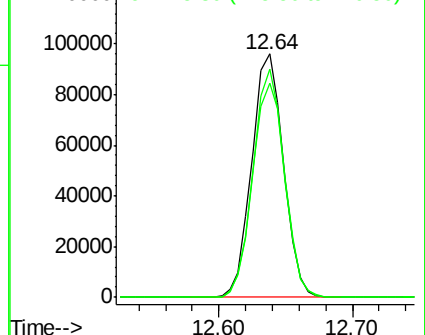
176 89.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

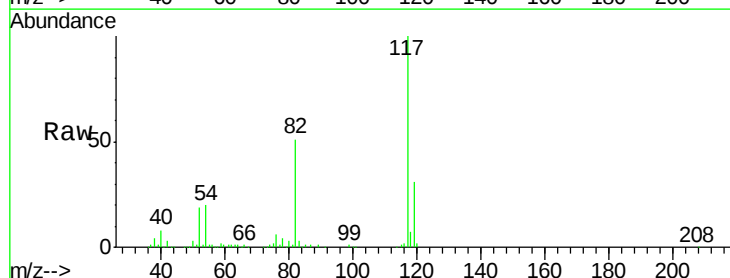
Tgt Ion: 117 Resp: 432926

Ion Ratio Lower Upper

117 100

82 51.3 42.2 63.4

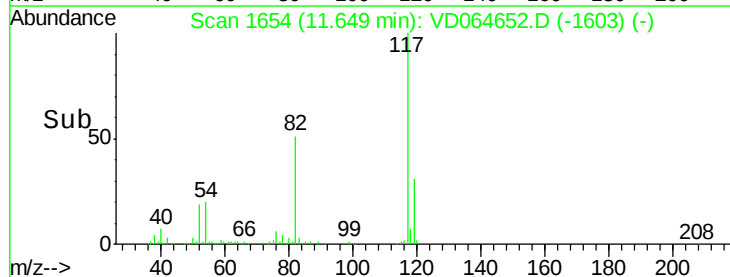
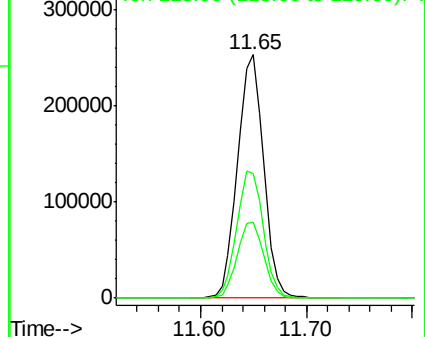
119 31.1 26.0 39.0

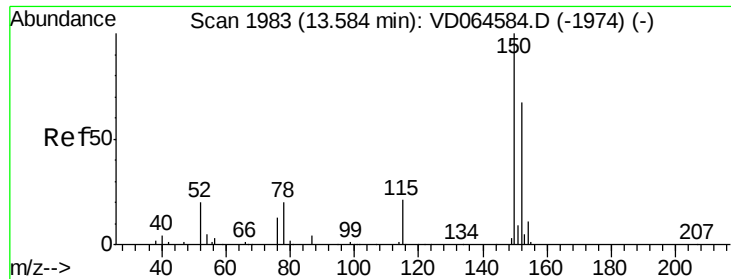


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. -0.01 min

Lab File: VD064652.D

Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32

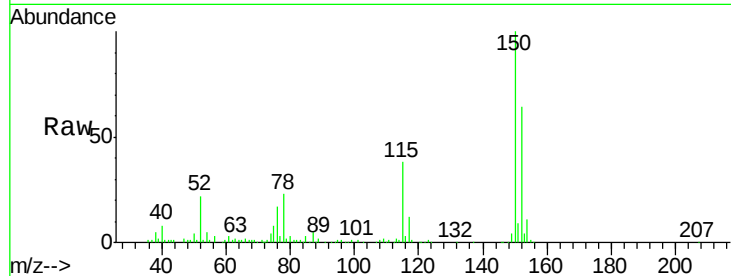
Tgt Ion:152 Resp: 142343

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.4

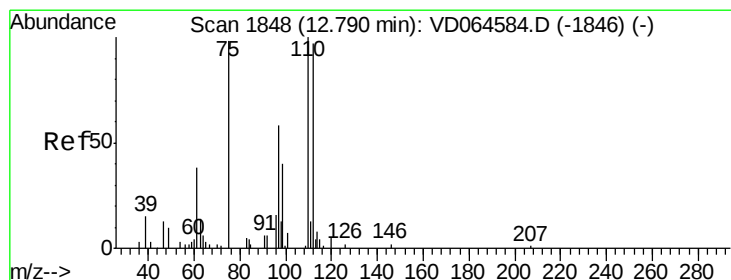
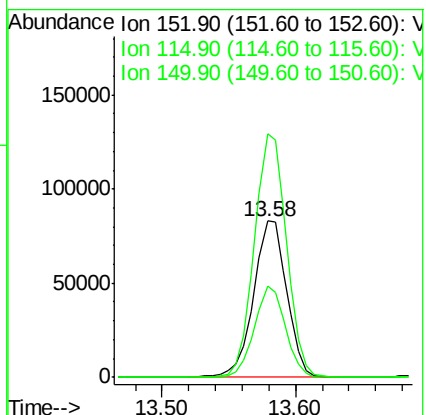
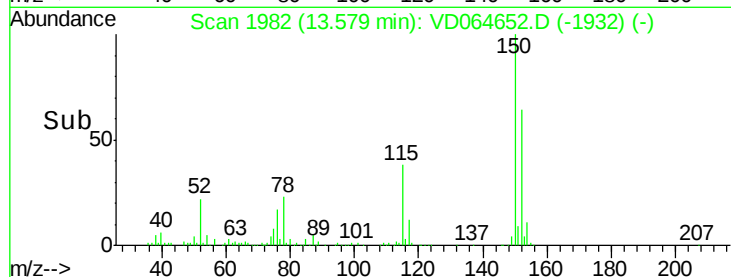
150 150.4 0.0 351.4



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: 74.010 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064652.D

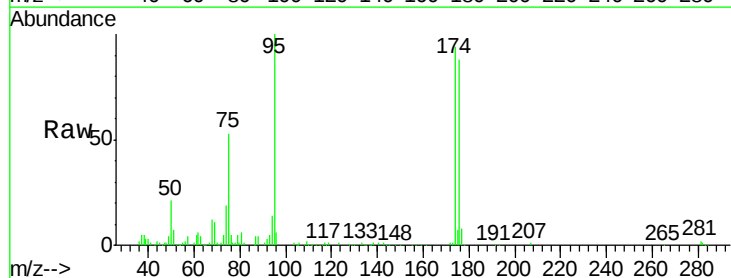
Acq: 27 Dec 2019 18:43

Tgt Ion: 75 Resp: 83189

Ion Ratio Lower Upper

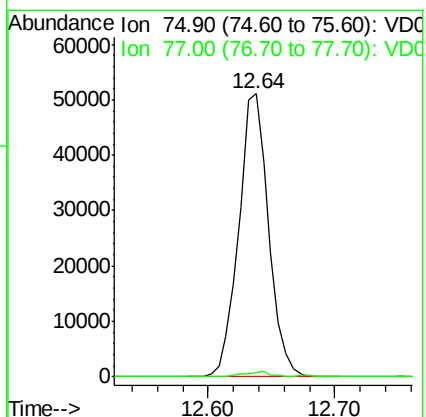
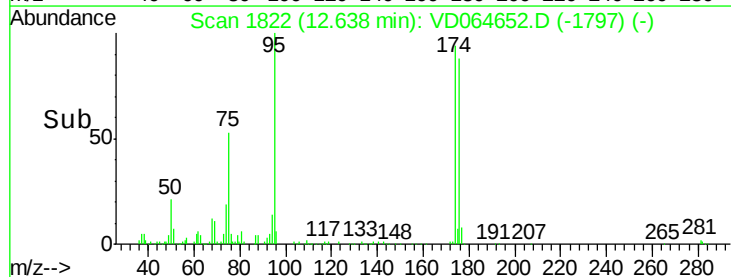
75 100

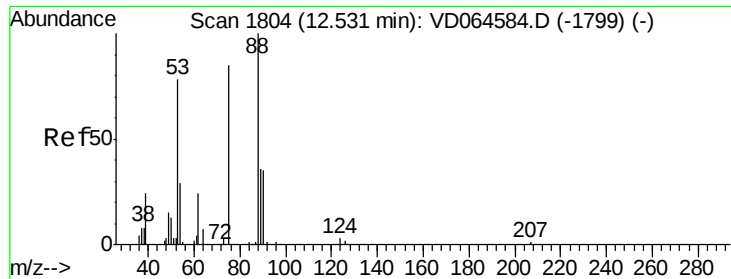
77 1.7 0.0 0.0#



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: 154.789 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064652.D

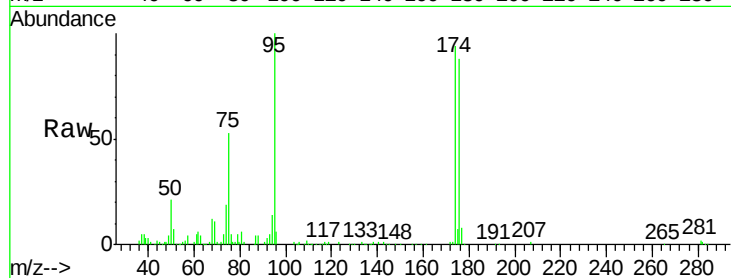
Acq: 27 Dec 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32



Tgt Ion: 75 Resp: 83189

Ion Ratio Lower Upper

75 100

53 0.8 78.8 118.2#

89 0.0 38.3 57.5#

