

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066424.D
 Acq On : 26 Aug 2020 16:55
 Operator : VA/SY
 Sample : L3793-25
 Misc : 7.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Aug 27 07:30:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	199606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	286545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	265020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135799	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	106806	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	7.91	113	89157	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.34	98	337379	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.63	95	113939	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

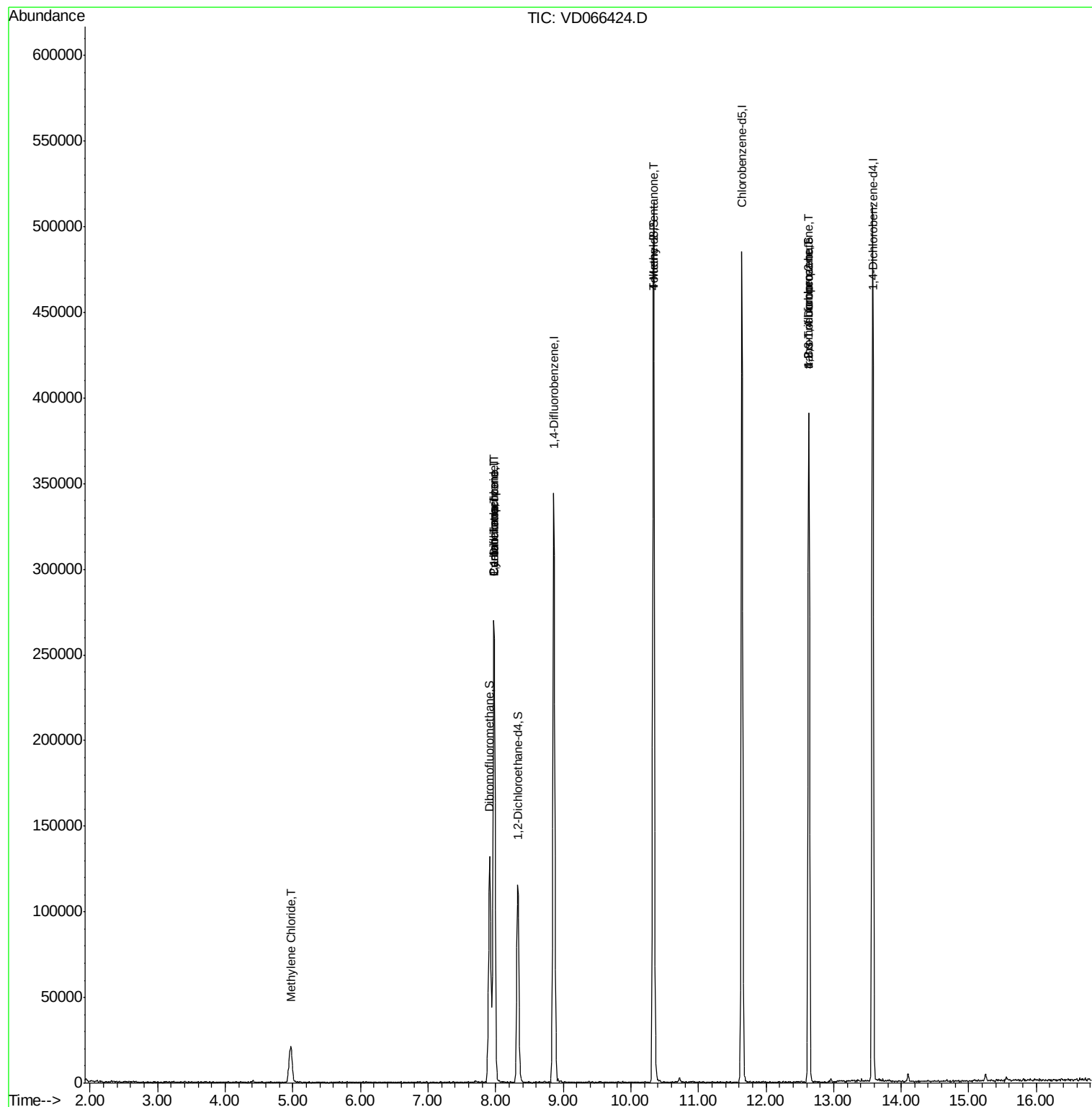
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.97	84	17310	3.262	ug/l #	81
31) Cyclohexane	7.97	56	4168	1.534	ug/l #	37
36) 1,1-Dichloropropene	7.97	75	13506	5.166	ug/l #	51
38) Carbon Tetrachloride	7.97	117	20175	5.923	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1840	2.131	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	67186	70.326	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	67186	149.279	ug/l #	6

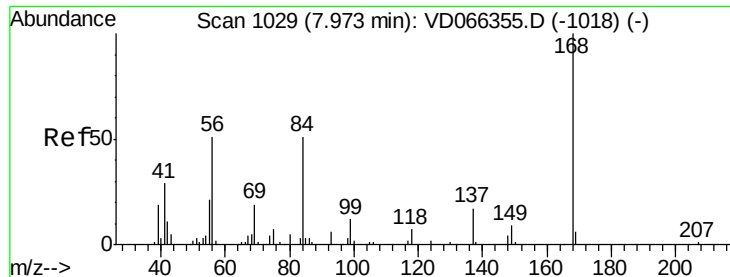
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
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TP-9

Quant Time: Aug 27 07:30:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

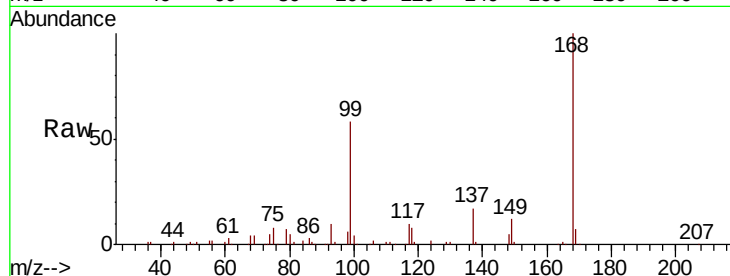
TP-9

Tot Ion:168 Resp: 199606

Ion Ratio Lower Upper

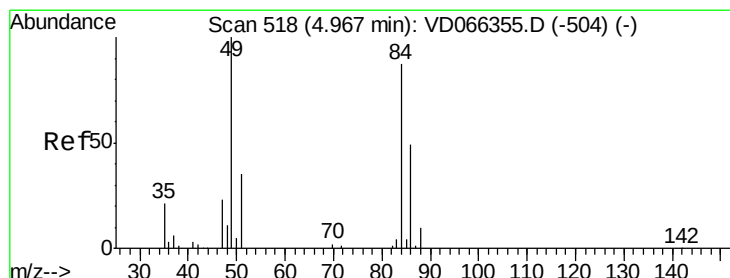
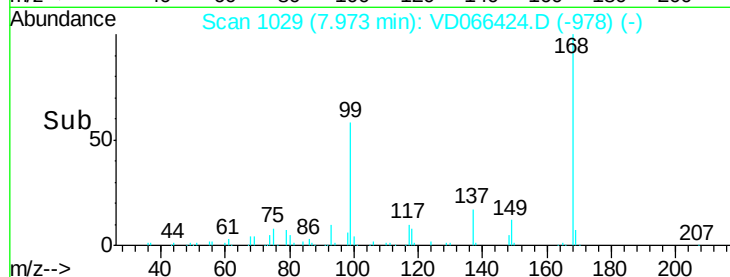
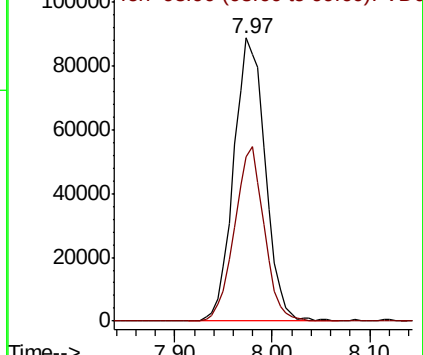
168 100

99 58.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 3.262 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Tgt Ion: 84 Resp: 17310

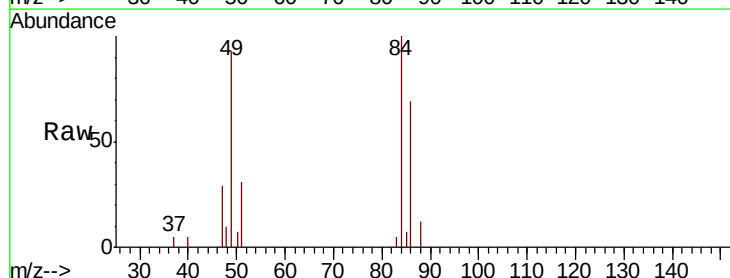
Ion Ratio Lower Upper

84 100

49 92.7 92.5 138.7

51 31.4 32.5 48.7#

86 68.8 45.0 67.6#

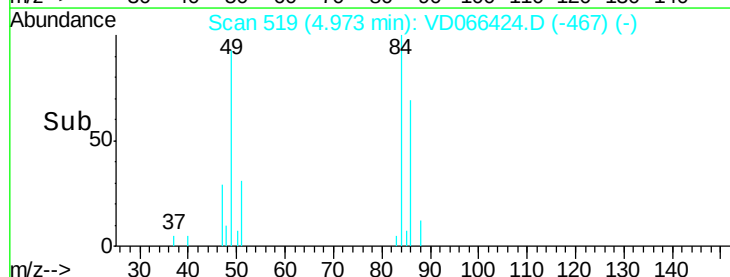
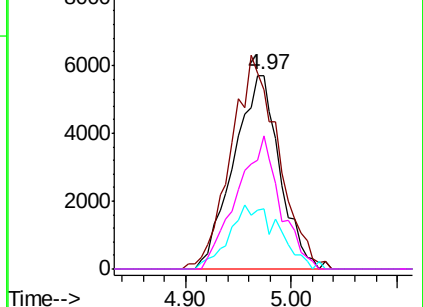


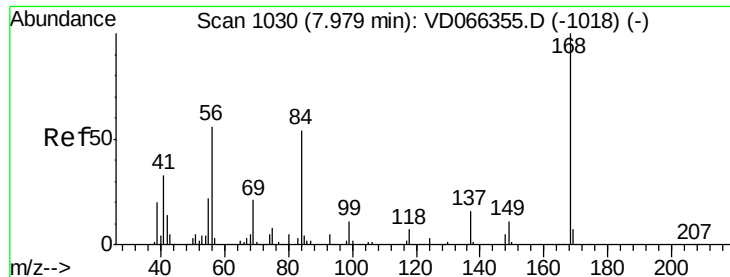
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

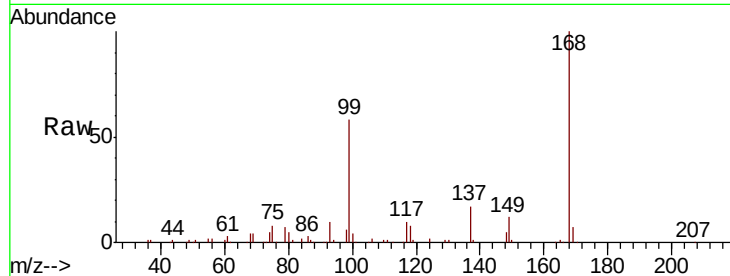




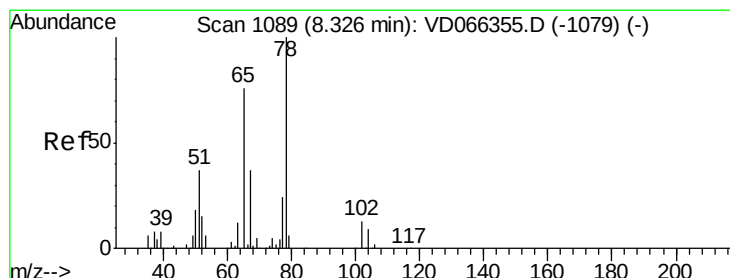
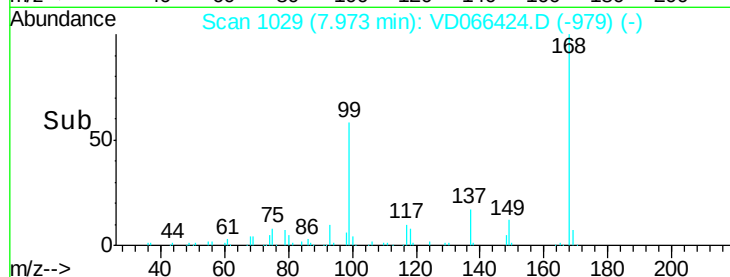
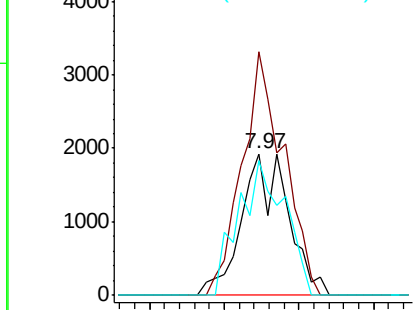
#31
Cyclohexane
Concen: 1.534 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066424.D
Acq: 26 Aug 2020 16:55

Instrument :
MSVOA_D
ClientSampled :
TP-9

Tot Ion: 56 Resp: 4168
Ion Ratio Lower Upper
56 100
69 171.8 29.6 44.4#
84 95.4 76.6 115.0

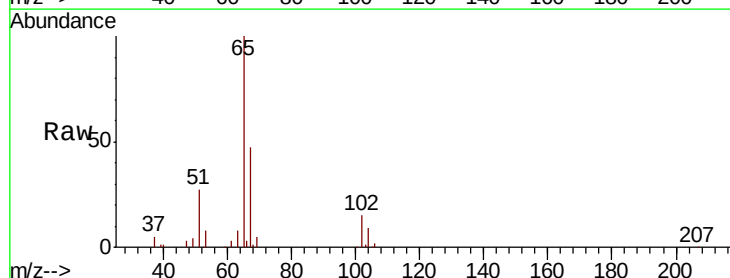


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

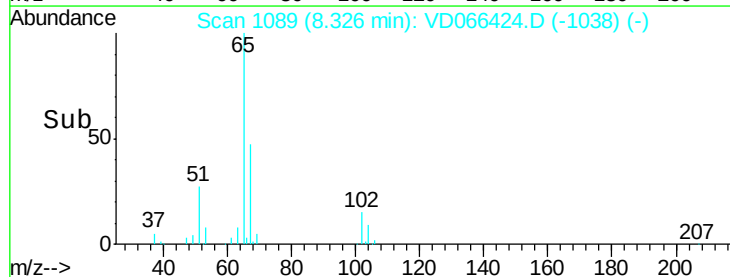
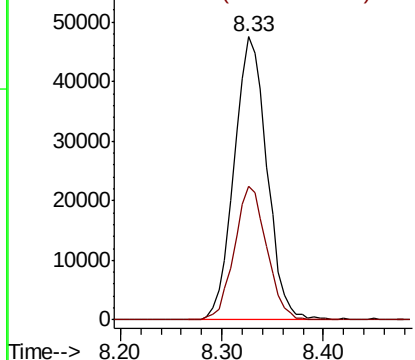


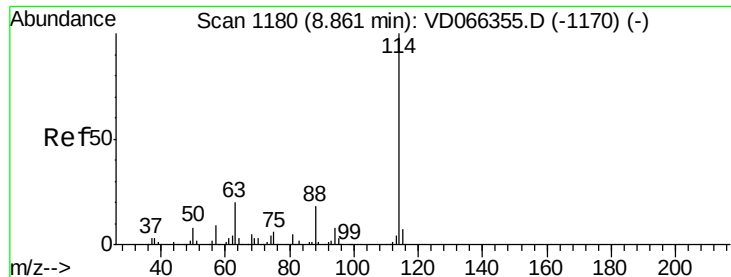
#33
1,2-Dichloroethane-d4
Concen: 54.578 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066424.D
Acq: 26 Aug 2020 16:55

Tgt Ion: 65 Resp: 106806
Ion Ratio Lower Upper
65 100
67 46.3 0.0 101.6



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

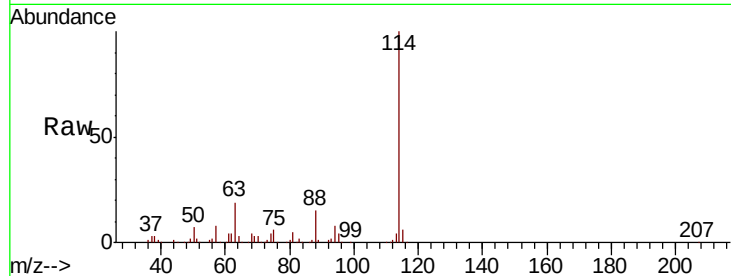




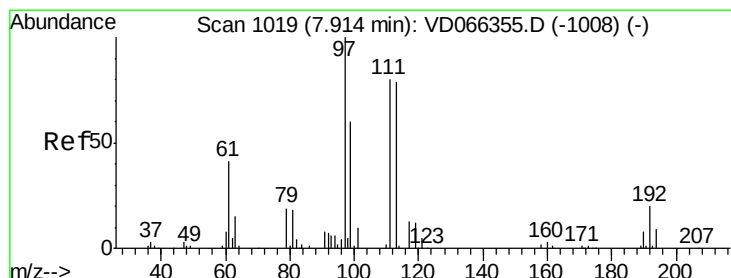
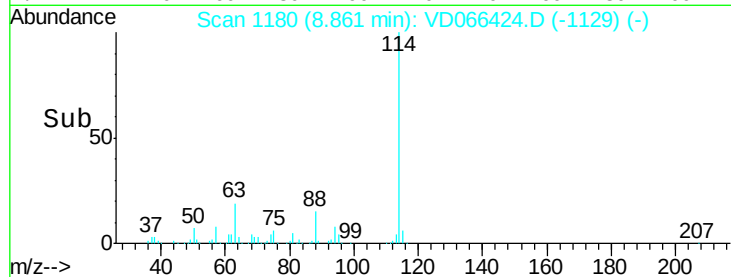
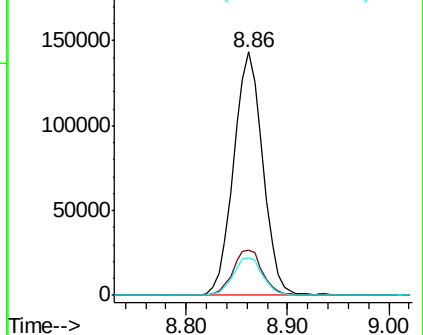
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066424.D
 Acq: 26 Aug 2020 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.8
88	15.5	0.0	35.4

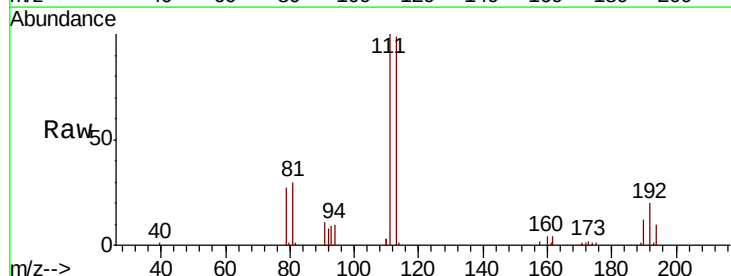


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

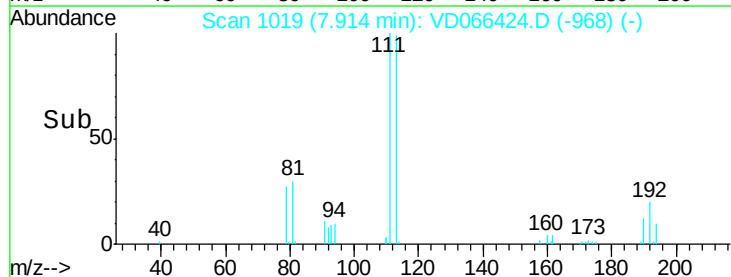
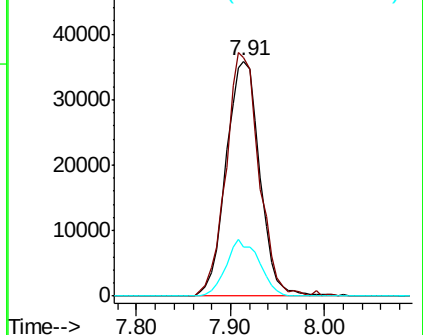


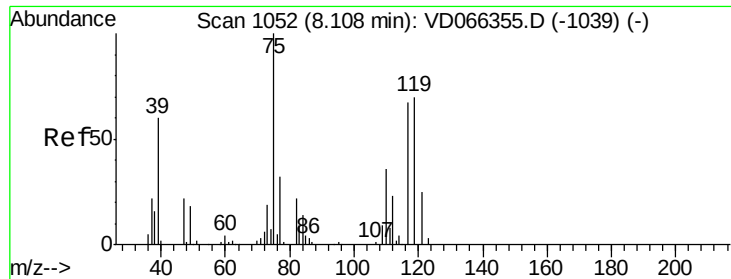
#35
 Dibromofluoromethane
 Concen: 49.759 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066424.D
 Acq: 26 Aug 2020 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.3	120.5
192	23.5	19.0	28.6



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: 5.166 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-9

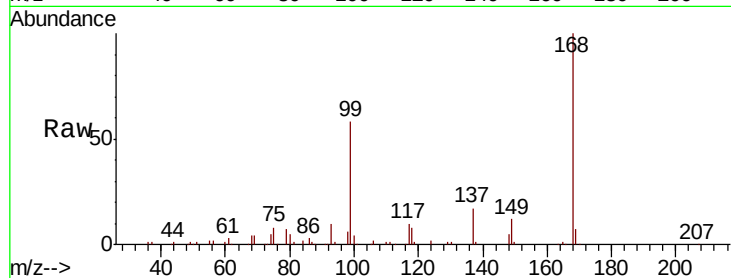
Tot Ion: 75 Resp: 13506

Ion Ratio Lower Upper

75 100

110 11.6 18.7 56.1#

77 0.0 25.2 37.8#

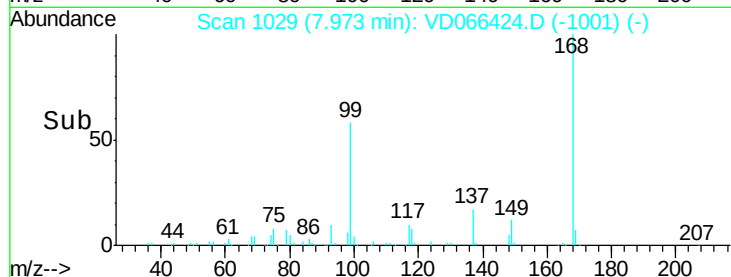


Abundance Ion 74.90 (74.60 to 75.60): VD066355.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD066355.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD066355.D (-1039) (-)

Time-->

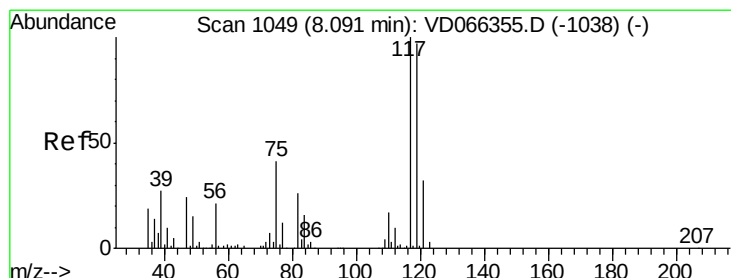


Abundance Ion 74.90 (74.60 to 75.60): VD066424.D (-1001) (-)

Ion 109.90 (109.60 to 110.60): VD066424.D (-1001) (-)

Ion 76.90 (76.60 to 77.60): VD066424.D (-1001) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.923 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

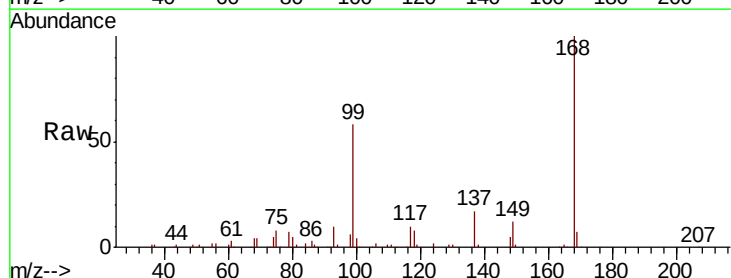
Tgt Ion: 117 Resp: 20175

Ion Ratio Lower Upper

117 100

119 7.0 77.2 115.8#

121 0.0 25.8 38.8#

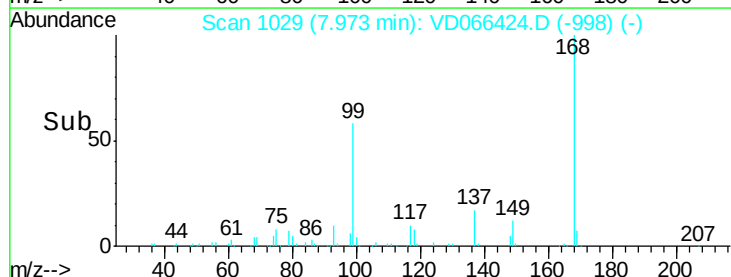


Abundance Ion 116.80 (116.50 to 117.50): VD066355.D (-1038) (-)

Ion 118.80 (118.50 to 119.50): VD066355.D (-1038) (-)

Ion 120.80 (120.50 to 121.50): VD066355.D (-1038) (-)

Time-->

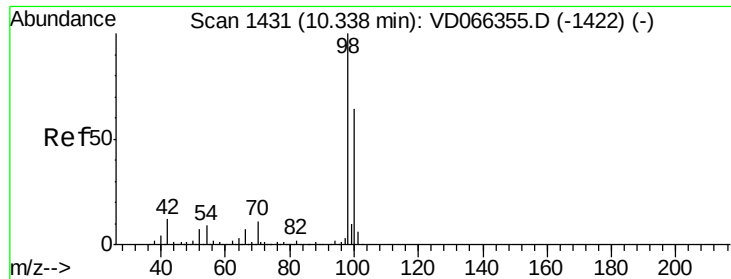


Abundance Ion 116.80 (116.50 to 117.50): VD066424.D (-998) (-)

Ion 118.80 (118.50 to 119.50): VD066424.D (-998) (-)

Ion 120.80 (120.50 to 121.50): VD066424.D (-998) (-)

Time-->



#50

Toluene-d8

Concen: 51.462 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

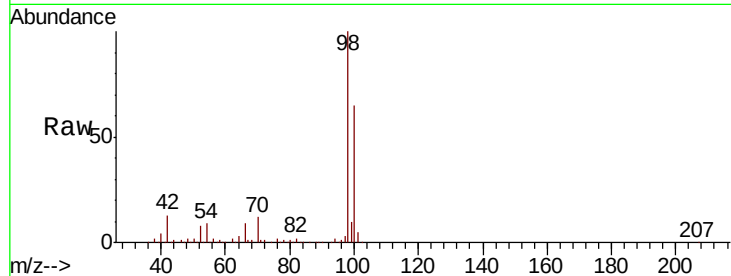
TP-9

Tot Ion: 98 Resp: 337379

Ion Ratio Lower Upper

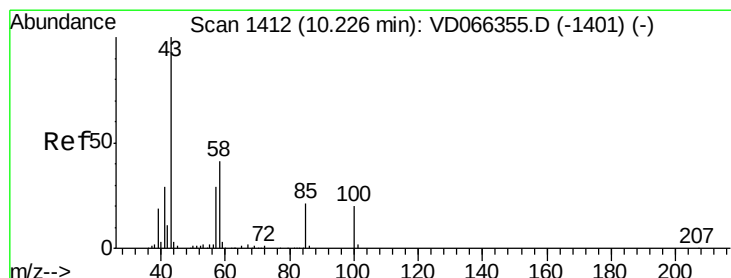
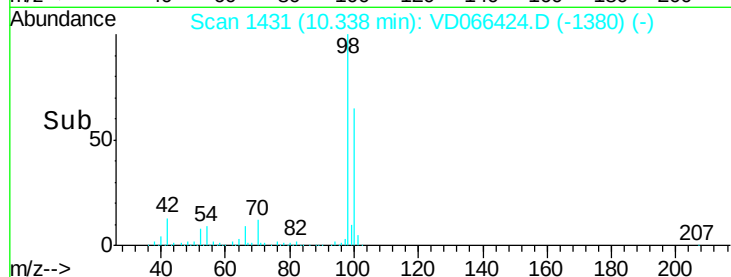
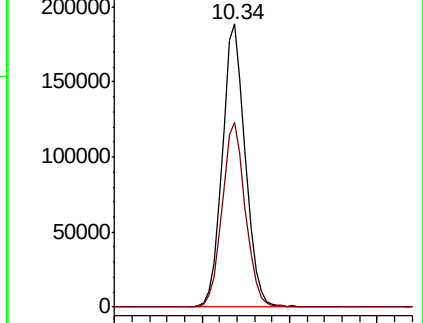
98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 2.131 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066424.D

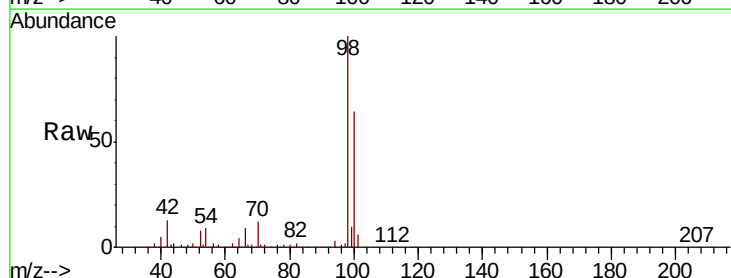
Acq: 26 Aug 2020 16:55

Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

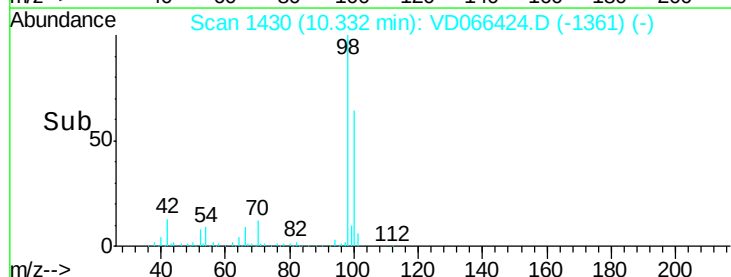
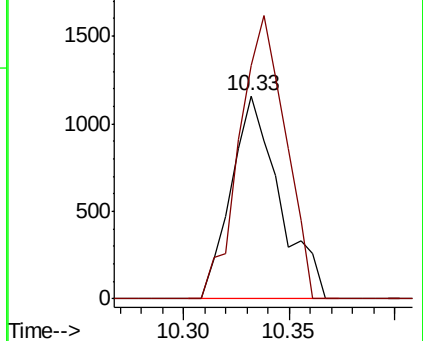
43 100

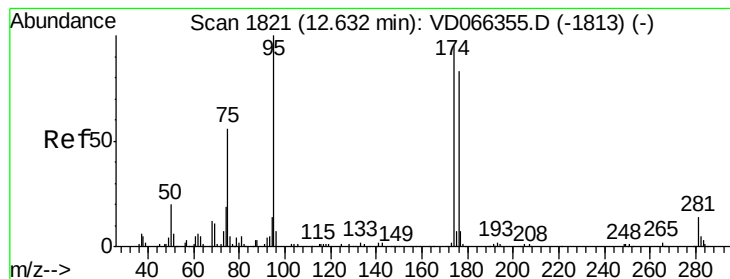
58 133.0 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#62

4-Bromofluorobenzene

Concen: 48.978 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-9

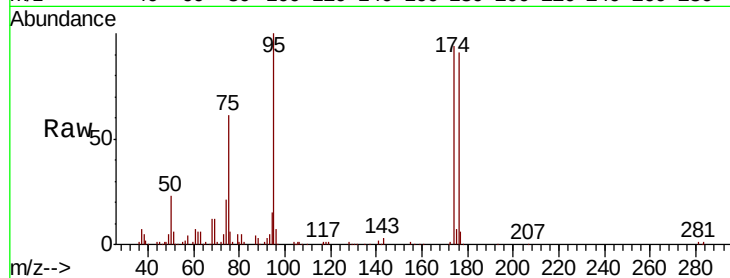
Tot Ion: 95 Resp: 113939

Ion Ratio Lower Upper

95 100

174 98.8 0.0 183.4

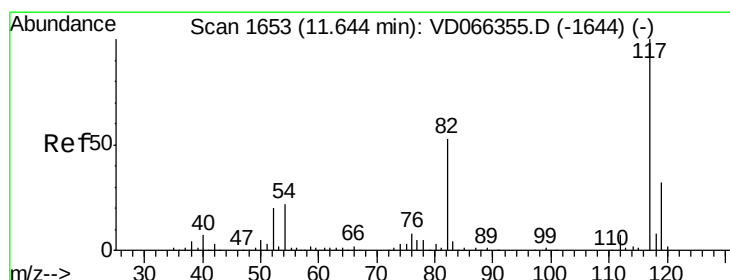
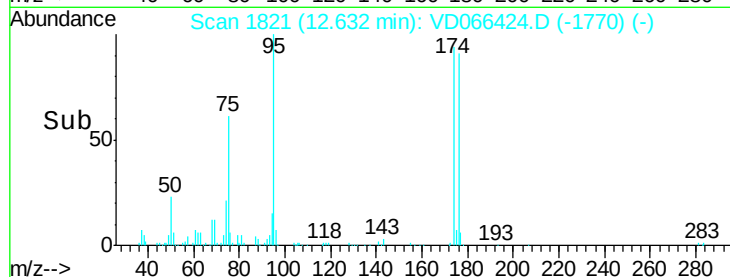
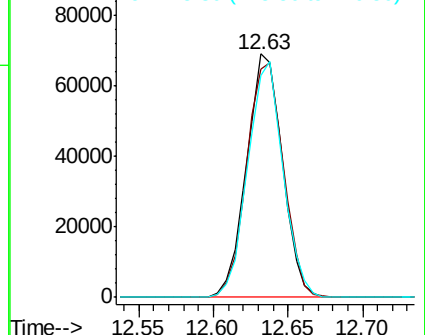
176 95.6 0.0 173.8



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

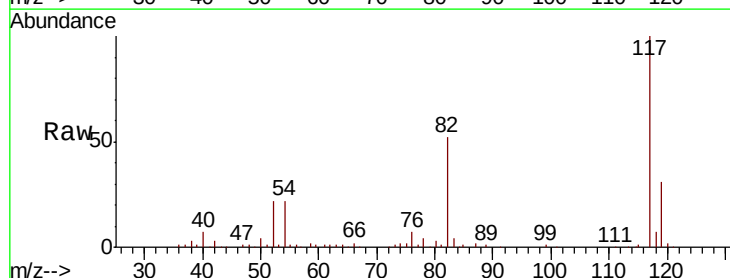
Tgt Ion: 117 Resp: 265020

Ion Ratio Lower Upper

117 100

82 51.8 42.8 64.2

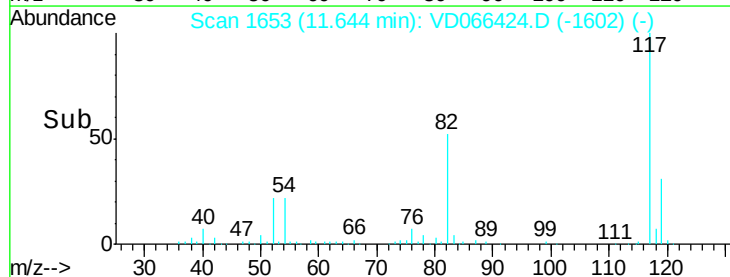
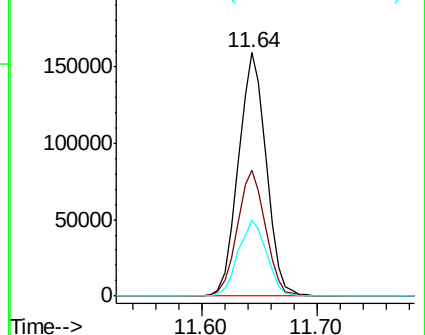
119 31.1 25.8 38.8

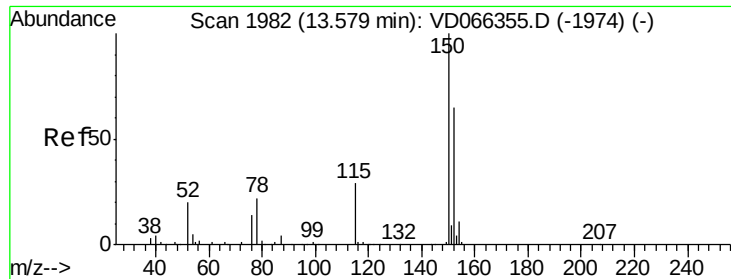


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.00 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-9

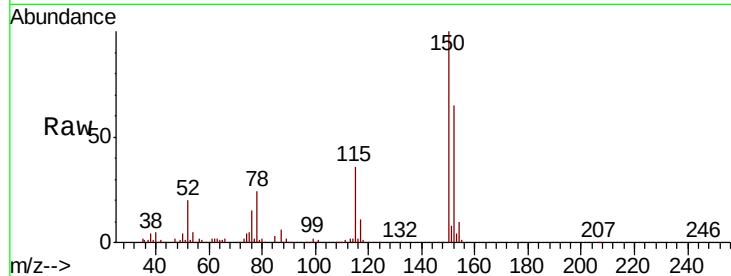
Tot Ion:152 Resp: 135799

Ion Ratio Lower Upper

152 100

115 57.9 28.3 85.0

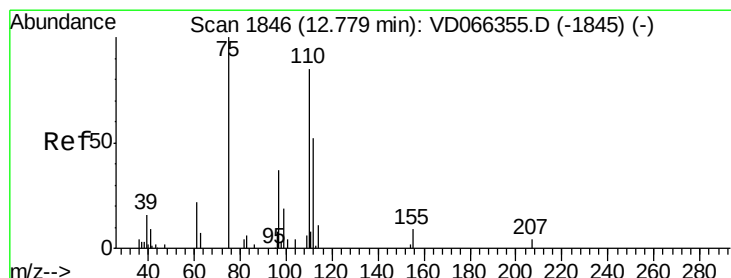
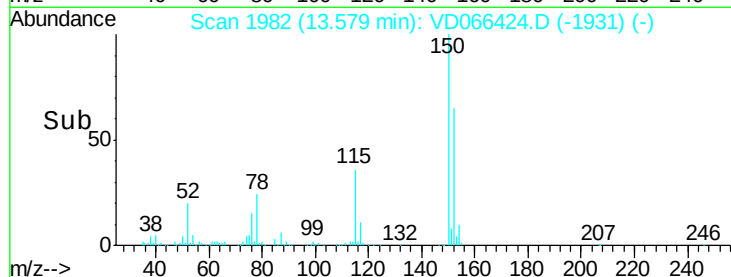
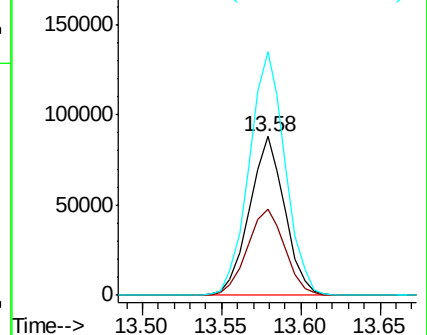
150 156.8 0.0 343.2



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: 70.326 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066424.D

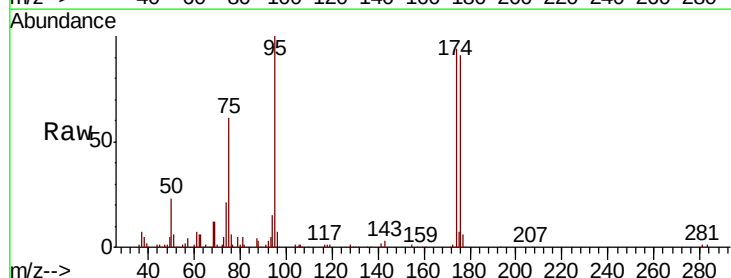
Acq: 26 Aug 2020 16:55

Tgt Ion: 75 Resp: 67186

Ion Ratio Lower Upper

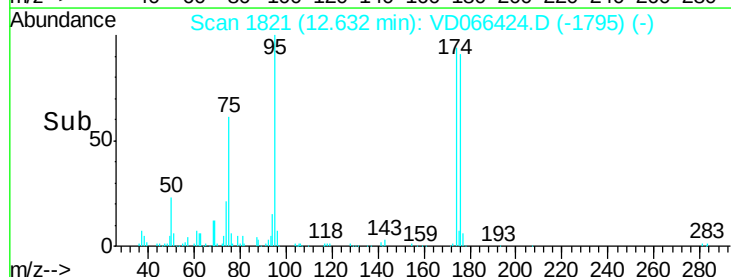
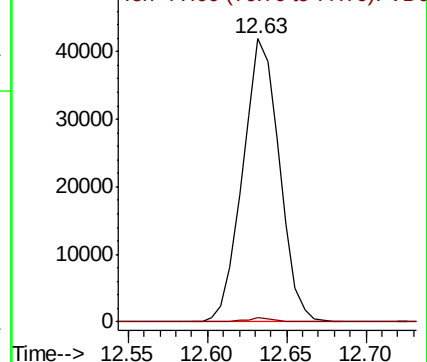
75 100

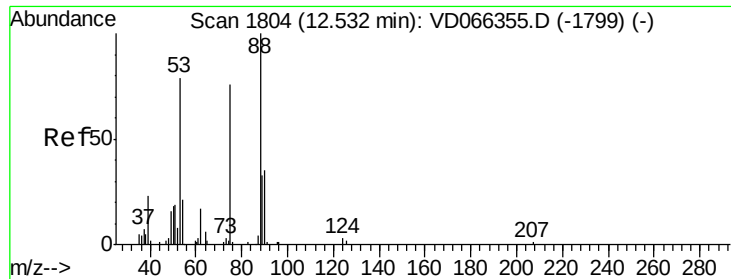
77 1.0 182.9 548.9#



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: 149.279 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066424.D

Acq: 26 Aug 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

TP-9

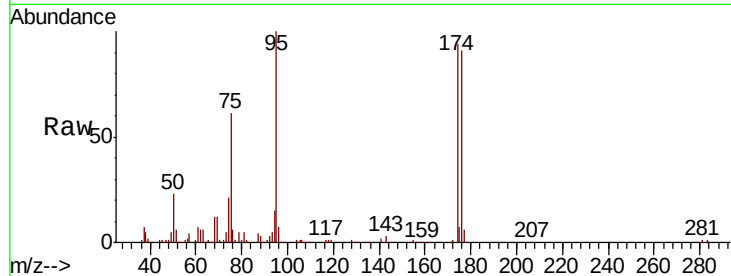
Tot Ion: 75 Resp: 67186

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.2#

89 0.3 39.4 59.0#



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

