

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066169.D
 Acq On : 10 Aug 2020 17:25
 Operator : VA/SY
 Sample : L3506-01
 Misc : 8.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-080720

Quant Time: Aug 11 04:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	417250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	475603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248970	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	116892	52.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.38%	
35) Dibromofluoromethane	7.91	113	132973	50.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.62%	
50) Toluene-d8	10.33	98	520259	53.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.63	95	229278	65.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	130.42%	

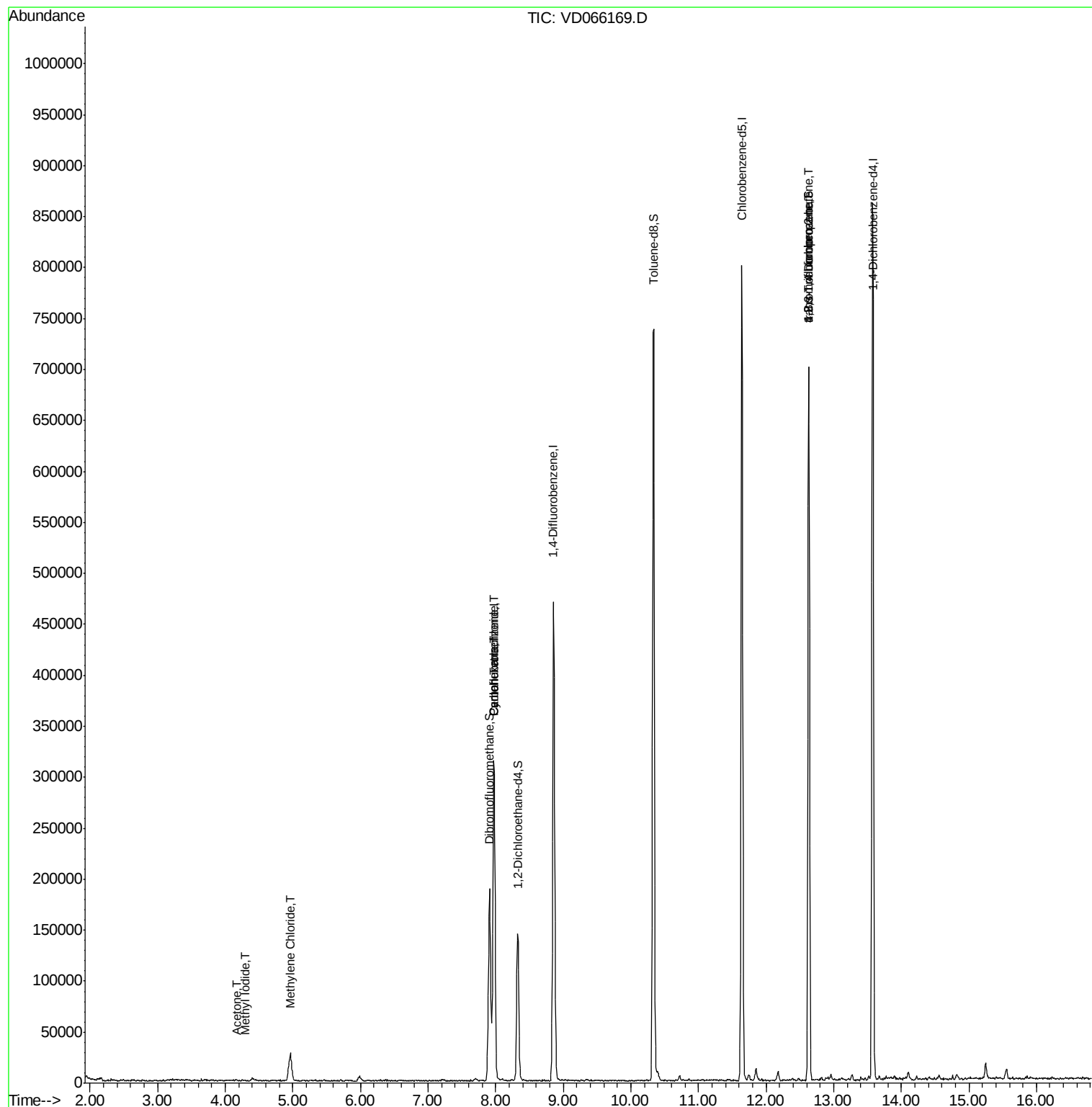
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	63	6.737	ug/l #	1
16) Acetone	4.17	43	1101	2.616	ug/l #	44
20) Methylene Chloride	4.96	84	18940	3.497	ug/l #	89
31) Cyclohexane	7.97	56	5015	1.290	ug/l #	1
38) Carbon Tetrachloride	7.97	117	23306	5.330	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	111571	53.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	111571	118.789	ug/l #	13

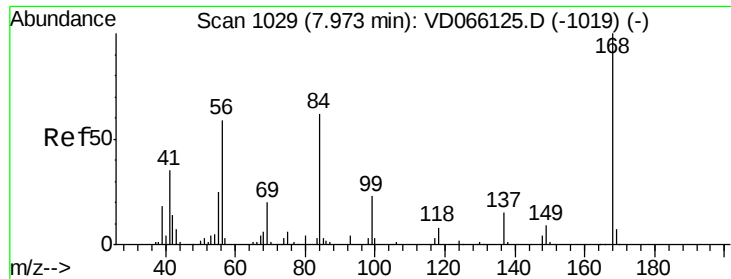
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081020\
Data File : VD066169.D
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Quant Time: Aug 11 04:35:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

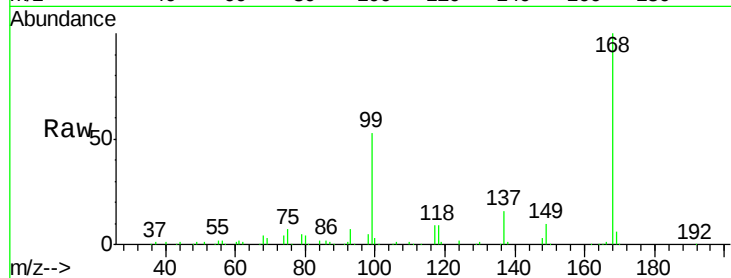
OR-02-080720

Tot Ion:168 Resp: 248650

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

120000

100000

80000

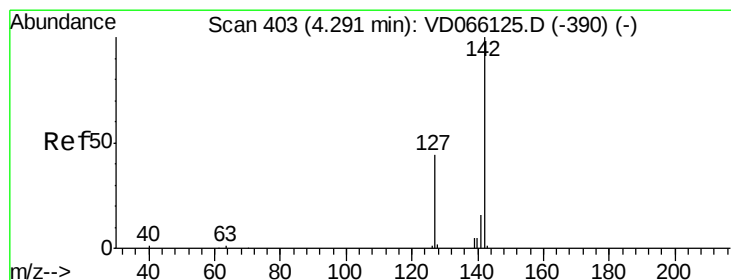
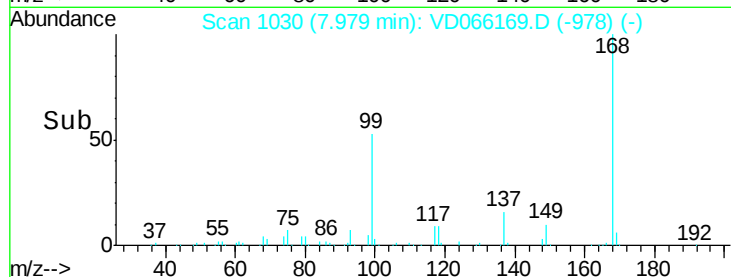
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.737 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

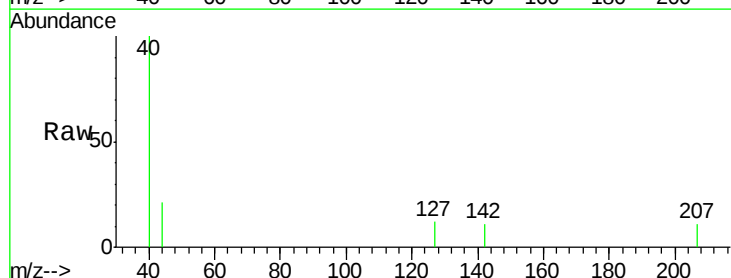
Tgt Ion:142 Resp: 63

Ion Ratio Lower Upper

142 100

127 195.2 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

250

200

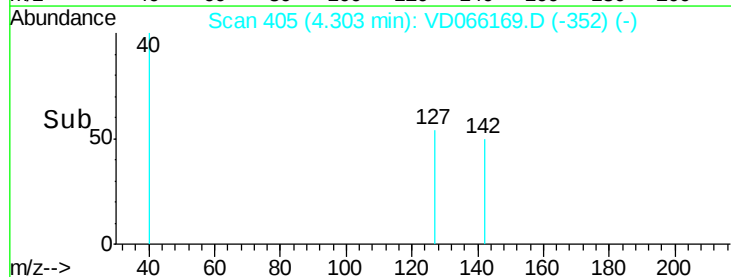
150

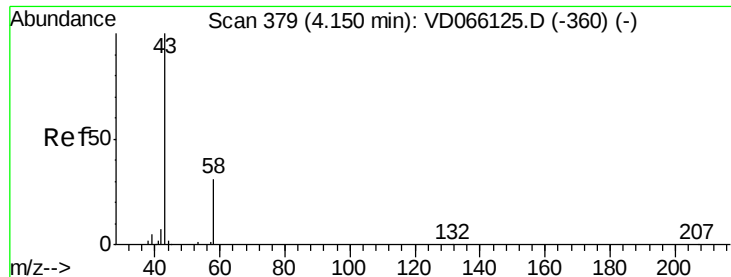
100

50

0

Time-->





#16

Acetone

Concen: 2.616 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

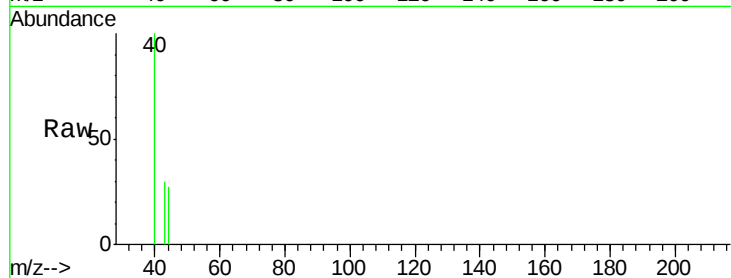
OR-02-080720

Tot Ion: 43 Resp: 1101

Ion Ratio Lower Upper

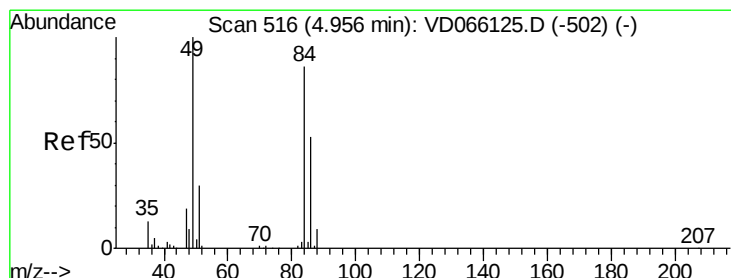
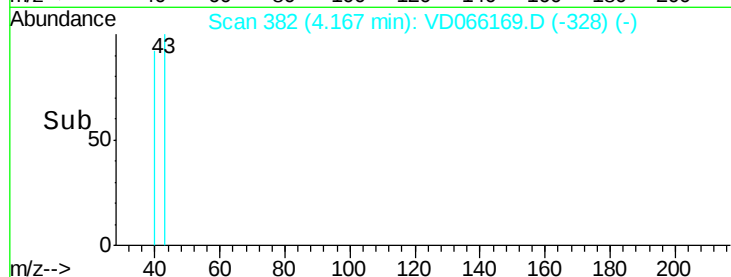
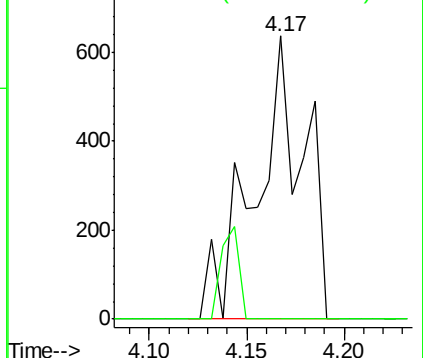
43 100

58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 3.497 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Tgt Ion: 84 Resp: 18940

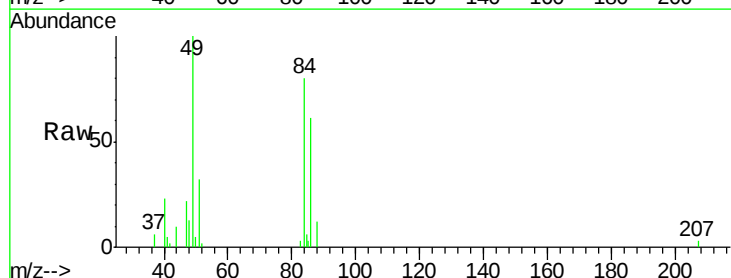
Ion Ratio Lower Upper

84 100

49 125.3 93.5 140.3

51 39.6 28.2 42.4

86 75.9 49.5 74.3#

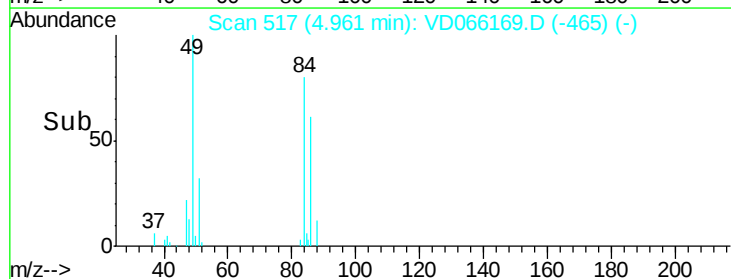
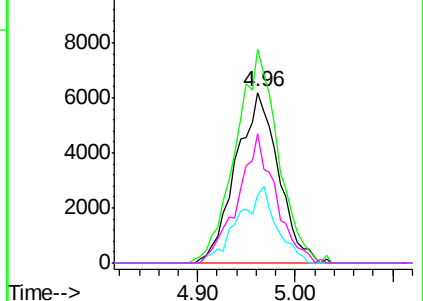


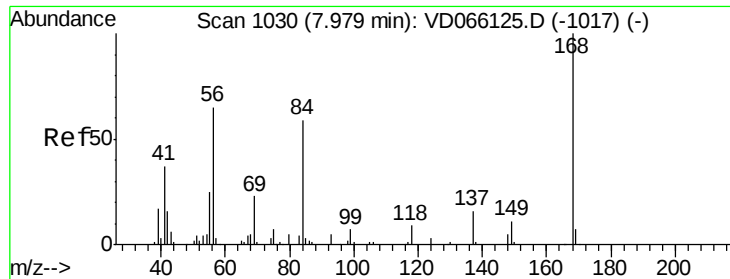
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

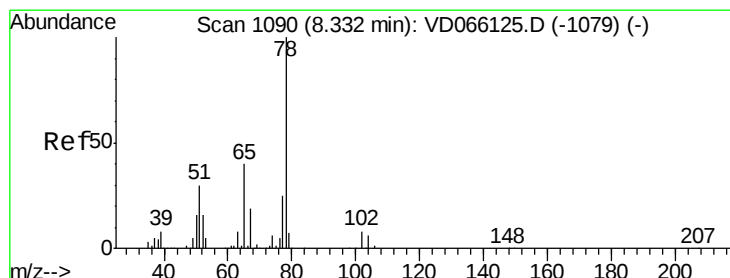
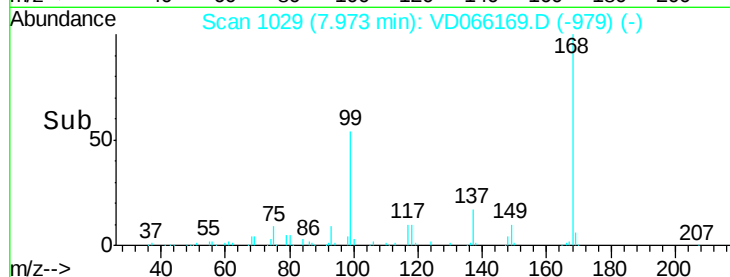
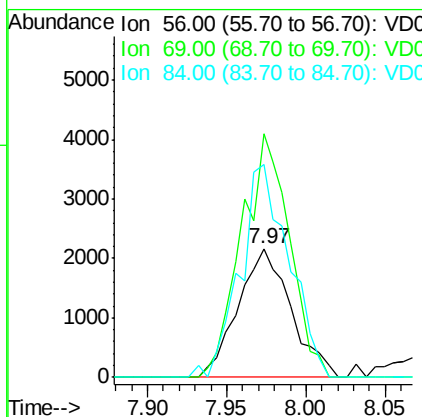
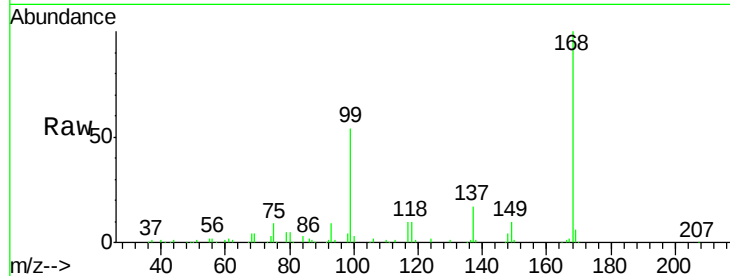




#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

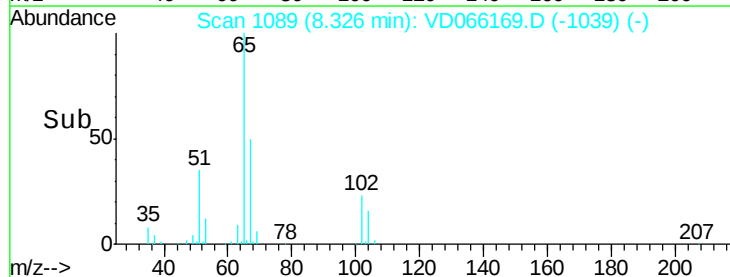
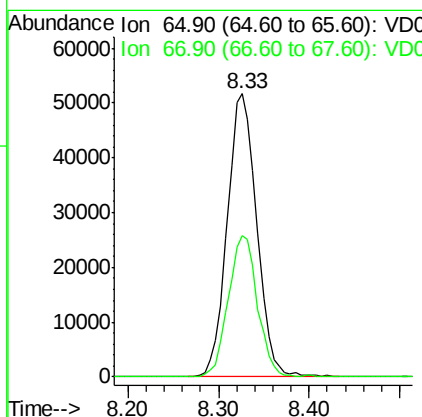
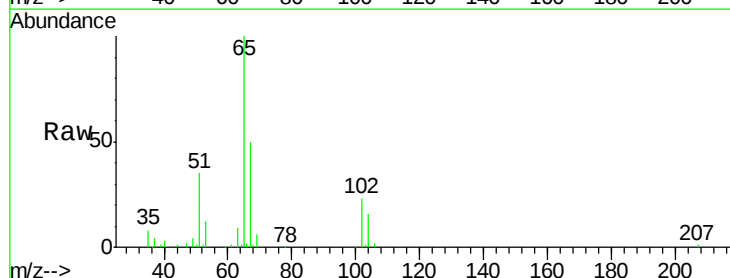
Instrument :
MSVOA_D
ClientSampleId :
OR-02-080720

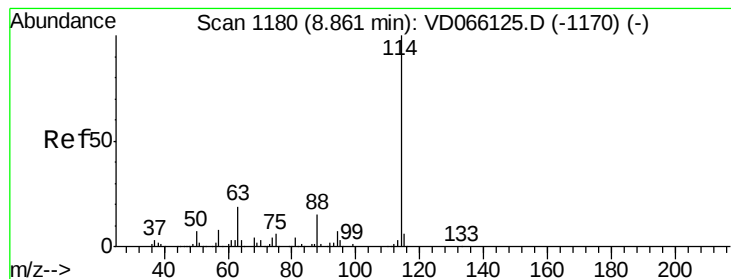
Tot Ion: 56 Resp: 5015
Ion Ratio Lower Upper
56 100
69 189.6 28.8 43.2#
84 165.6 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 52.694 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

Tgt Ion: 65 Resp: 116892
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

OR-02-080720

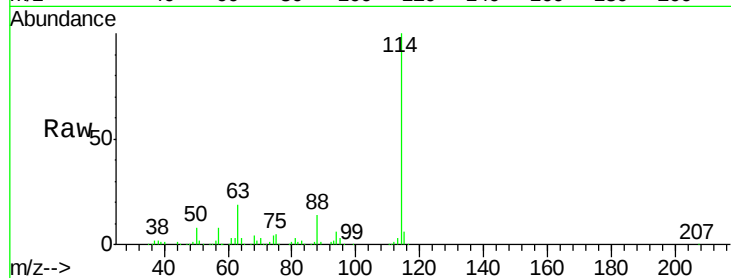
Tot Ion:114 Resp: 417250

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

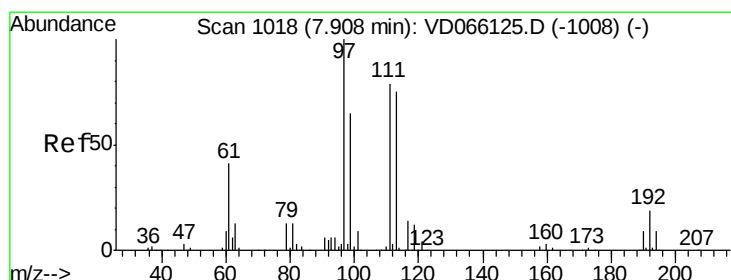
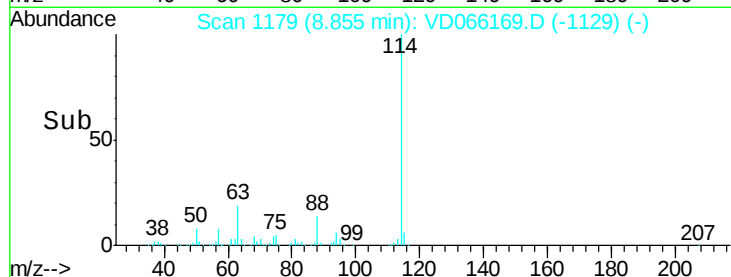
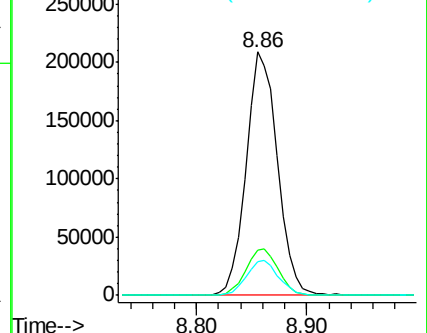
88 14.1 0.0 30.0



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: 50.307 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

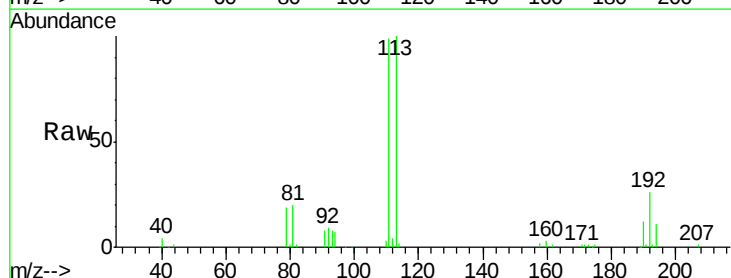
Tgt Ion:113 Resp: 132973

Ion Ratio Lower Upper

113 100

111 100.0 80.7 121.1

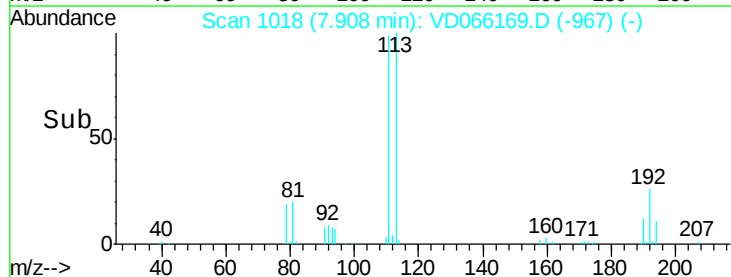
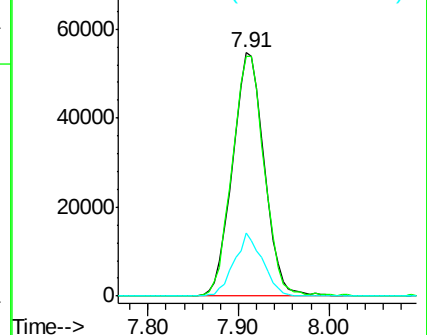
192 23.1 18.4 27.6

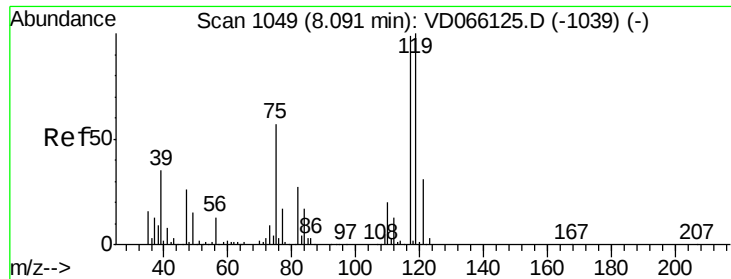


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

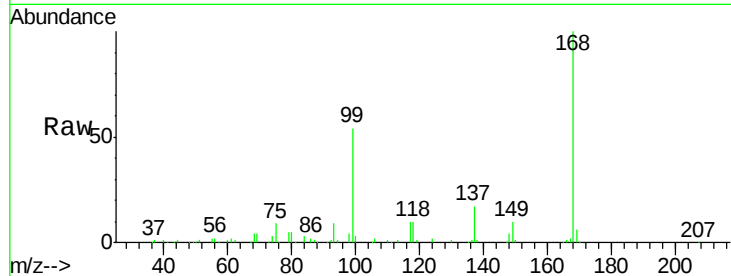




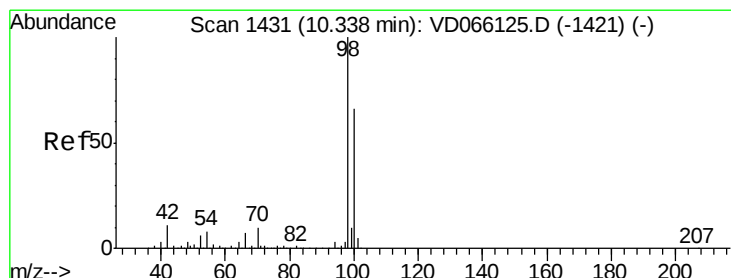
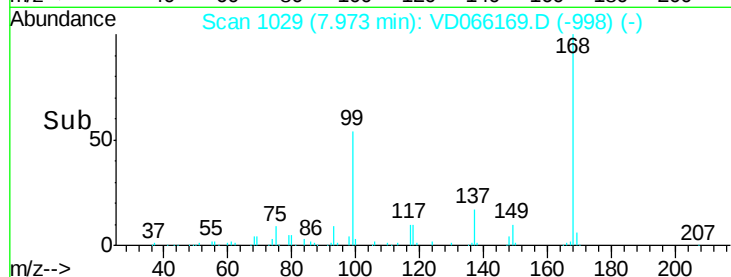
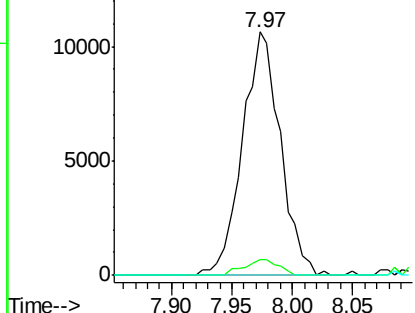
#38
Carbon Tetrachloride
Concen: 5.330 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

Instrument :
MSVOA_D
ClientSampleId :
OR-02-080720

Tot Ion:117 Resp: 23306
Ion Ratio Lower Upper
117 100
119 6.5 81.0 121.4#
121 0.0 24.8 37.2#

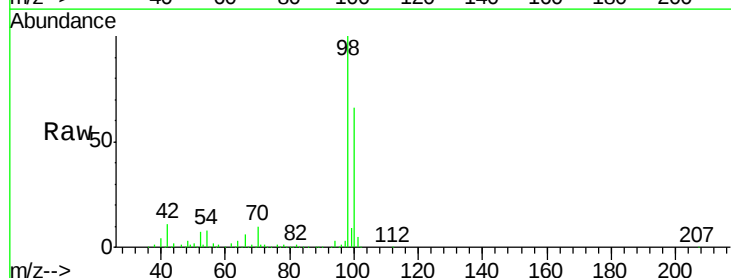


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

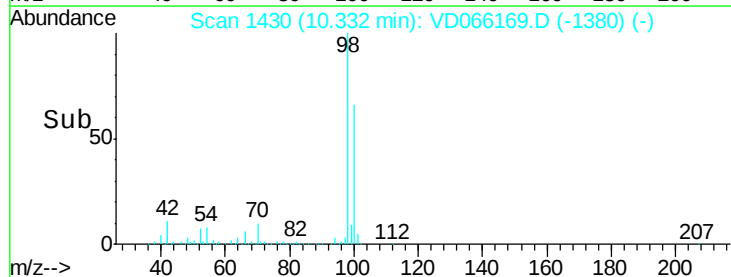
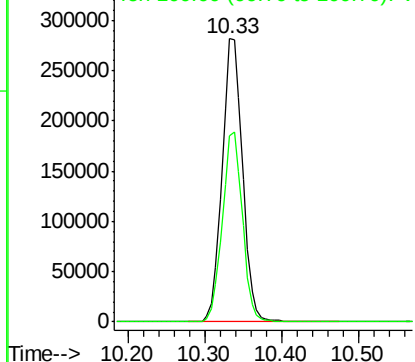


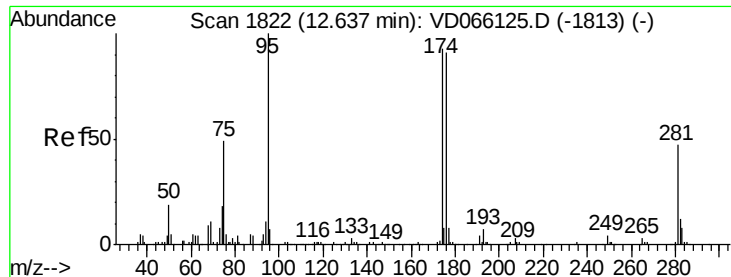
#50
Toluene-d8
Concen: 53.337 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

Tgt Ion: 98 Resp: 520259
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

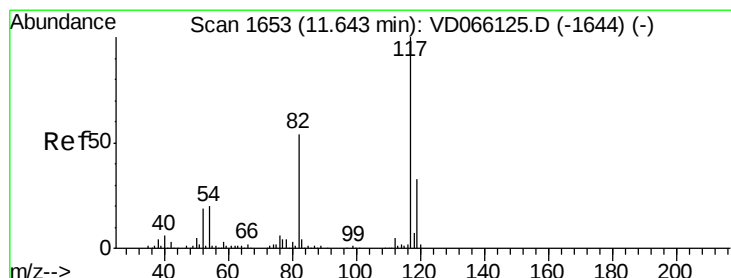
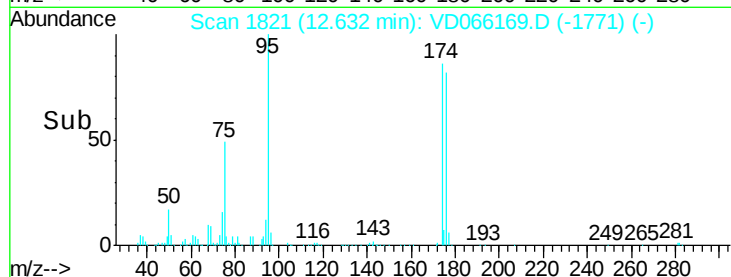
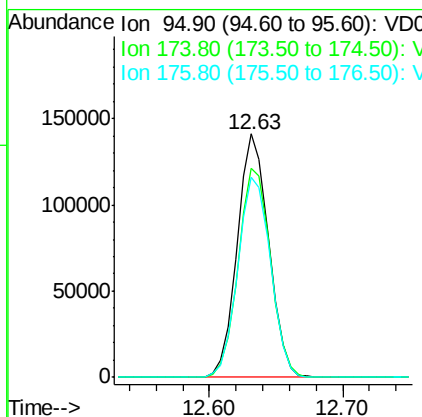
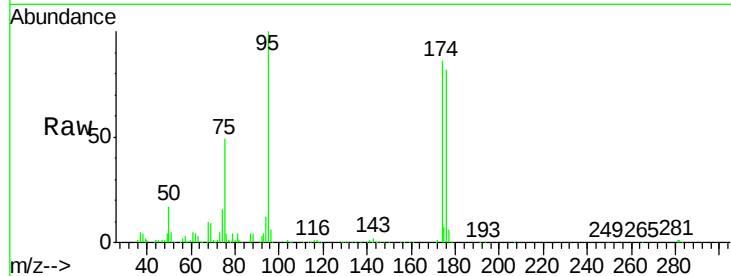




#62
4-Bromofluorobenzene
Concen: 65.210 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

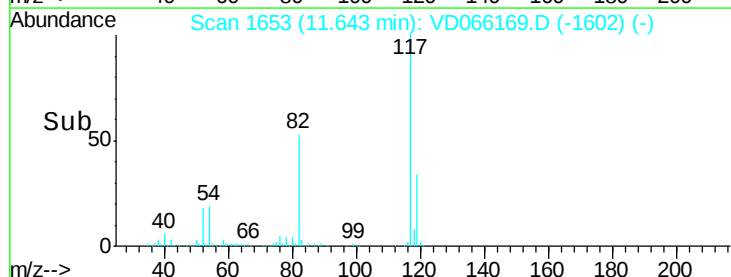
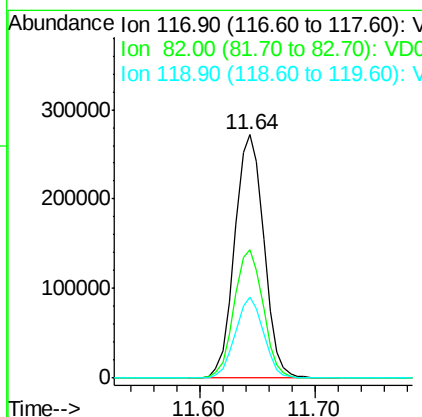
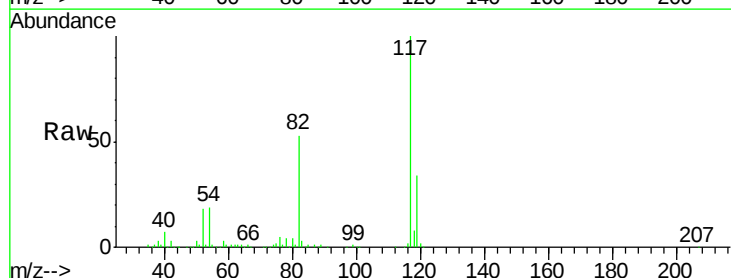
Instrument :
MSVOA_D
ClientSampleId :
OR-02-080720

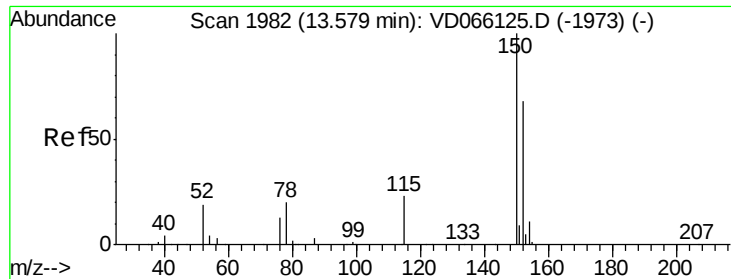
Tot Ion: 95 Resp: 229278
Ion Ratio Lower Upper
95 100
174 88.3 0.0 180.8
176 85.4 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

Tgt Ion: 117 Resp: 475603
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 33.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

OR-02-080720

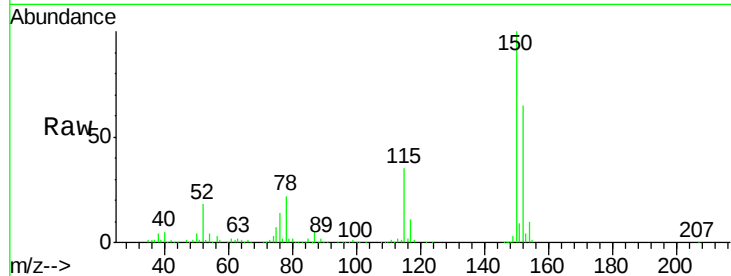
Tot Ion:152 Resp: 248970

Ion Ratio Lower Upper

152 100

115 55.0 28.0 83.9

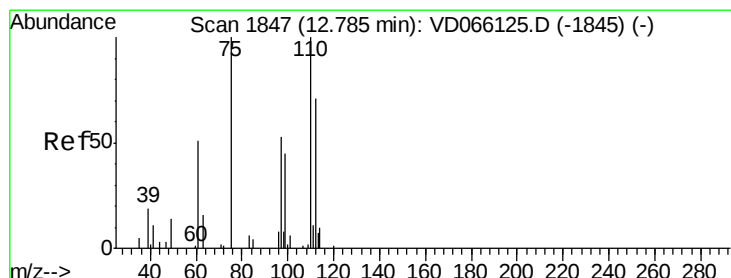
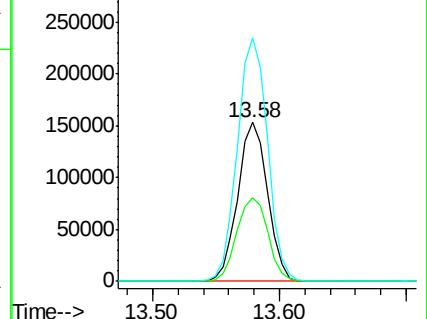
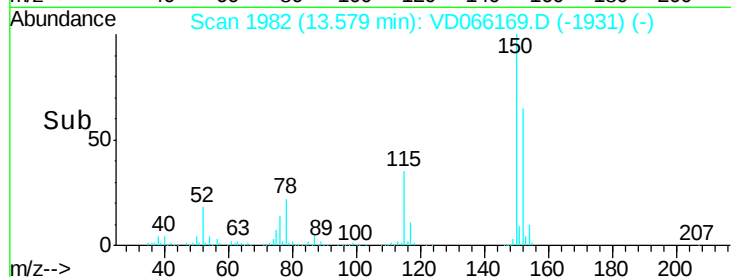
150 154.7 0.0 346.4



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: 53.737 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066169.D

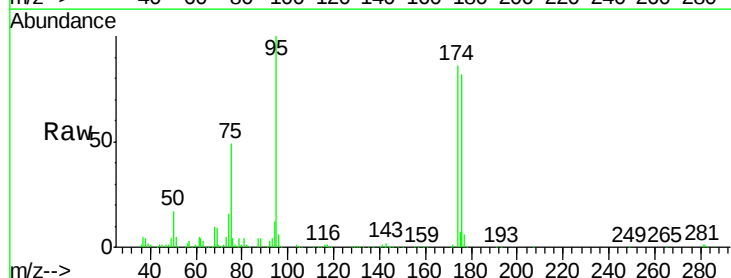
Acq: 10 Aug 2020 17:25

Tgt Ion: 75 Resp: 111571

Ion Ratio Lower Upper

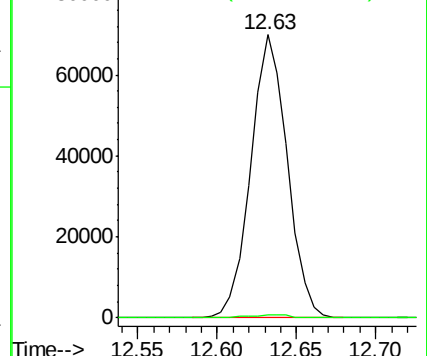
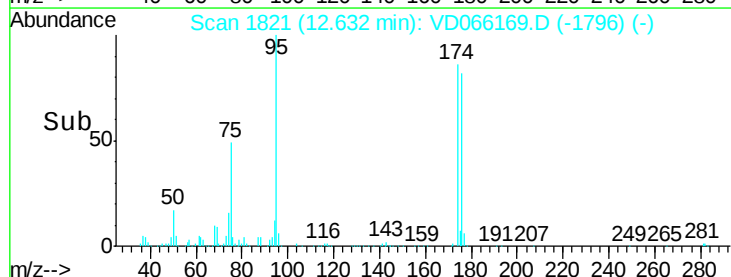
75 100

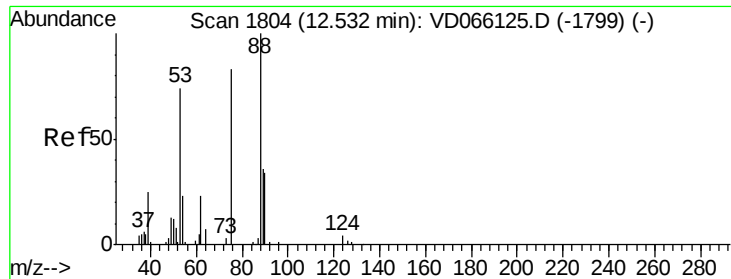
77 1.1 0.0 0.0#



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: 118.789 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

OR-02-080720

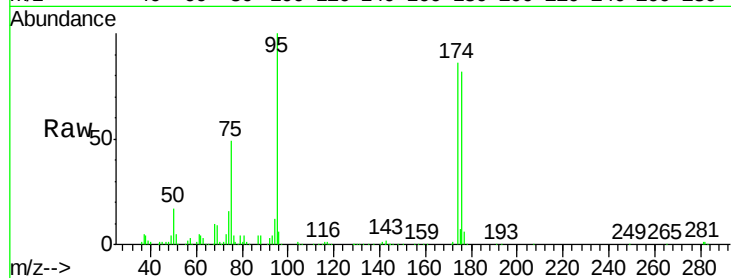
Tot Ion: 75 Resp: 111571

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



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

