

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066386.D
 Acq On : 24 Aug 2020 17:34
 Operator : VA/SY
 Sample : L3780-17
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-082120-C

Quant Time: Aug 25 02:43:00 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	215563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	338151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169507	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	116664	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
35) Dibromofluoromethane	7.91	113	104532	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	10.34	98	401830	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.63	95	146377	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	

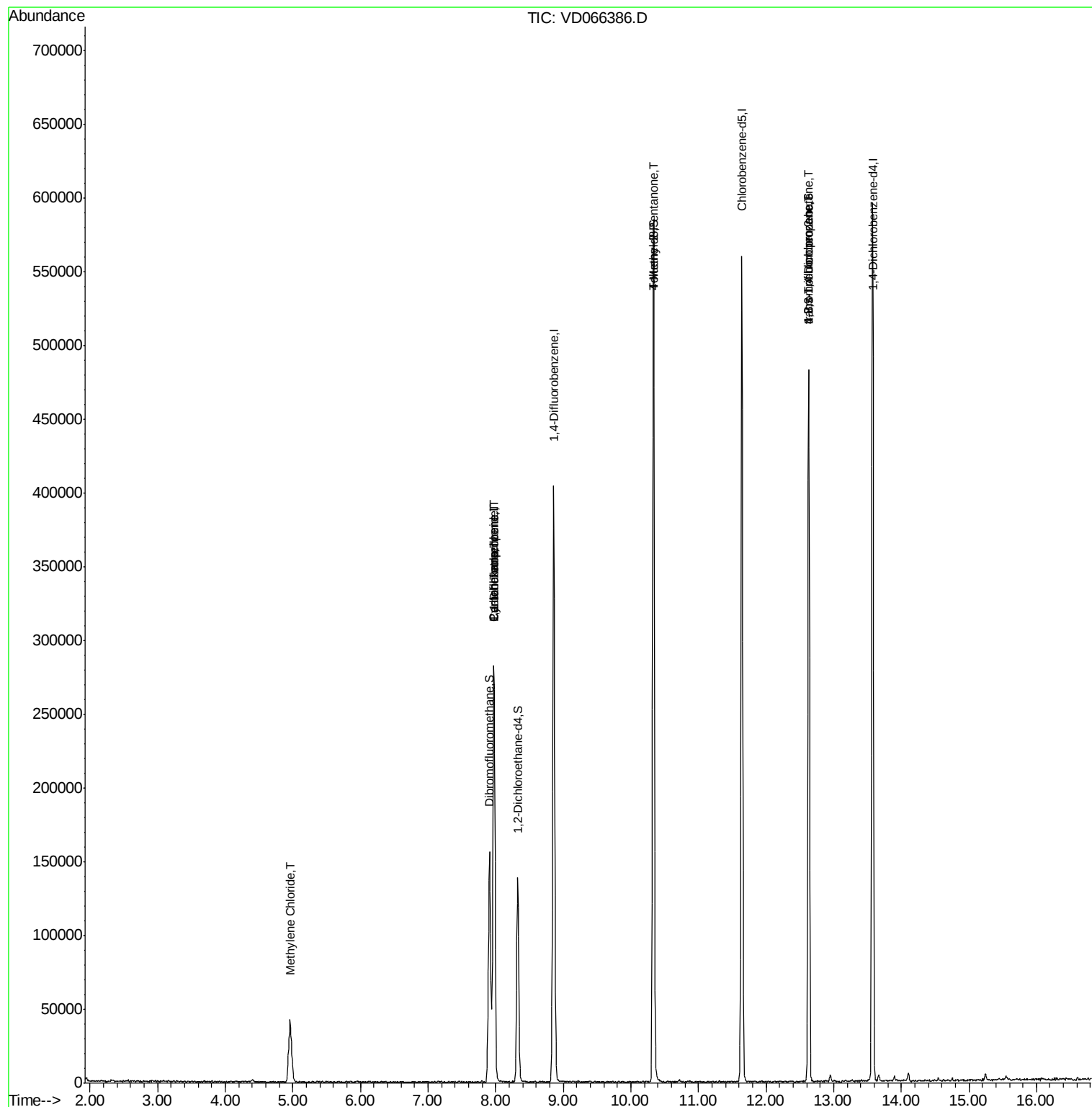
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	32206	10.861	ug/l #	82
31) Cyclohexane	7.97	56	4465	1.522	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	14685	4.759	ug/l #	50
38) Carbon Tetrachloride	7.97	117	22870	5.689	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	1949	1.913	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	80299	67.337	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	80299	142.935	ug/l #	6

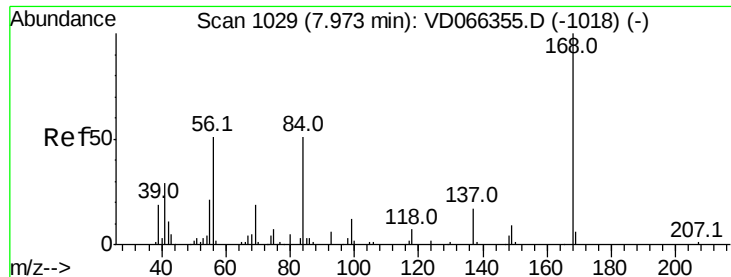
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 25 02:43:00 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: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

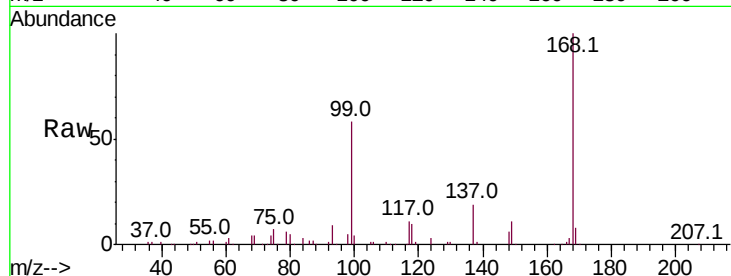
JC-03-082120-C

Tot Ion:168 Resp: 215563

Ion Ratio Lower Upper

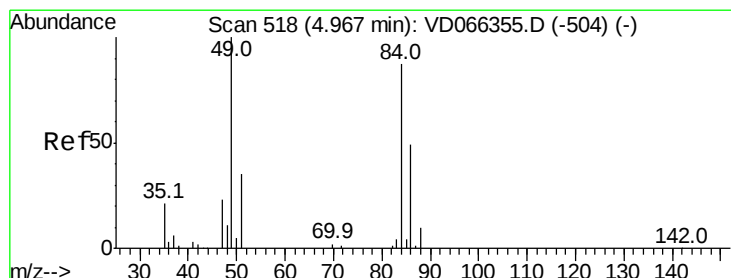
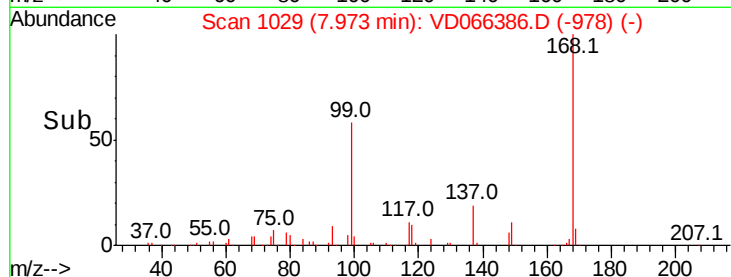
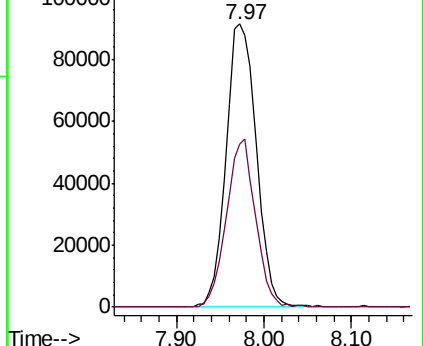
168 100

99 57.7 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: 10.861 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Tgt Ion: 84 Resp: 32206

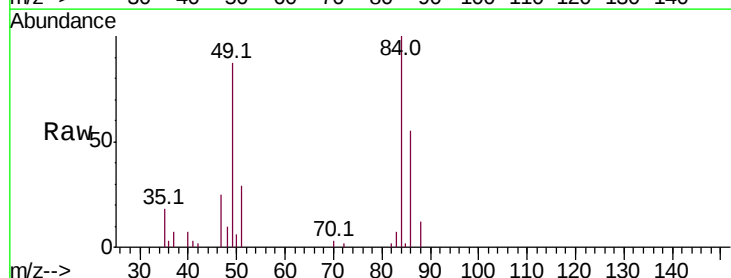
Ion Ratio Lower Upper

84 100

49 87.1 92.5 138.7#

51 29.4 32.5 48.7#

86 54.6 45.0 67.6

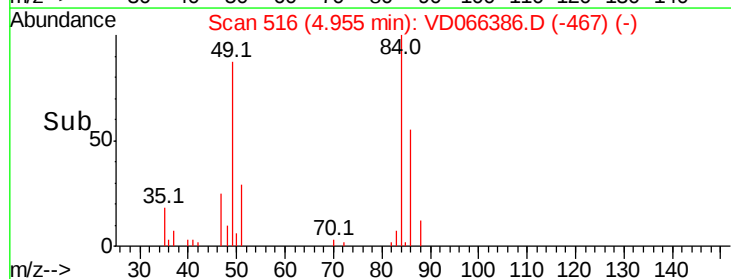
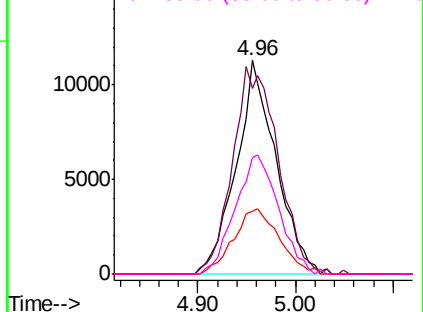


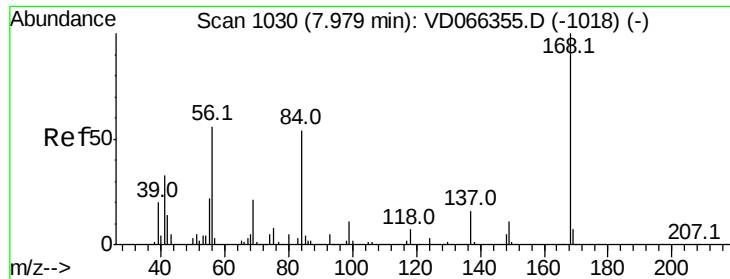
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

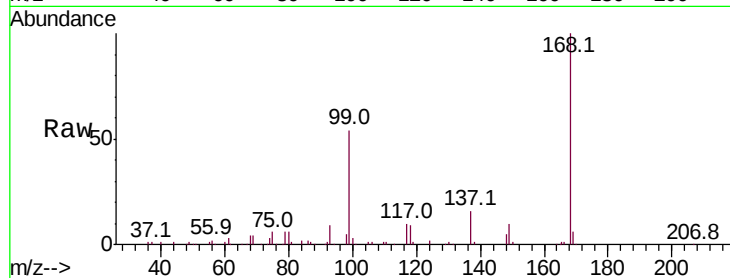




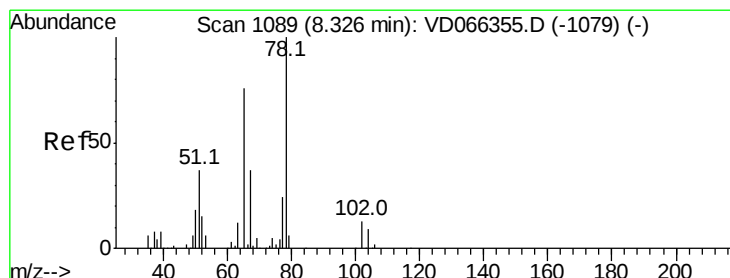
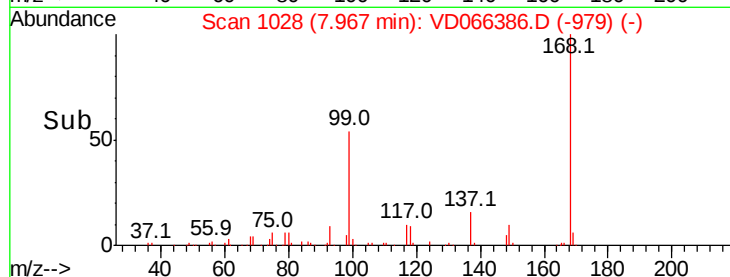
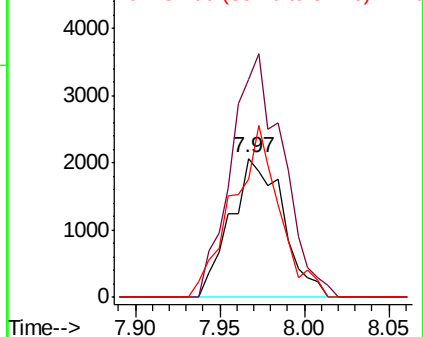
#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
JC-03-082120-C

Tot Ion: 56 Resp: 4465
Ion Ratio Lower Upper
56 100
69 156.9 29.6 44.4#
84 85.0 76.6 115.0

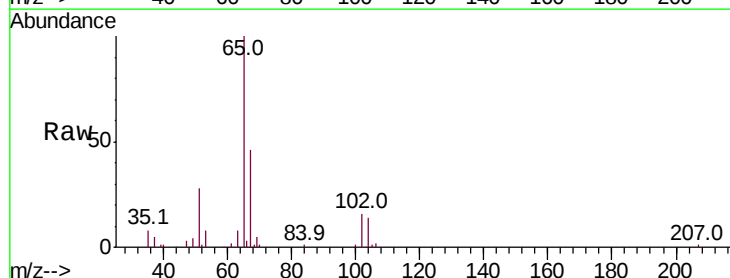


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

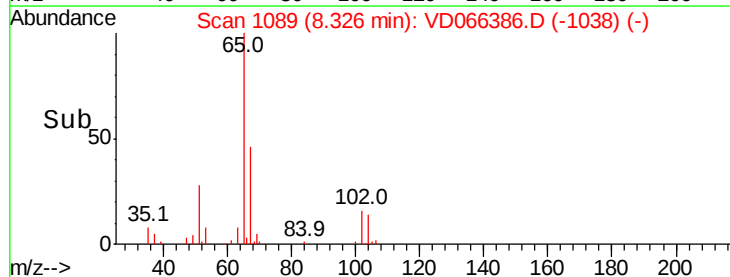
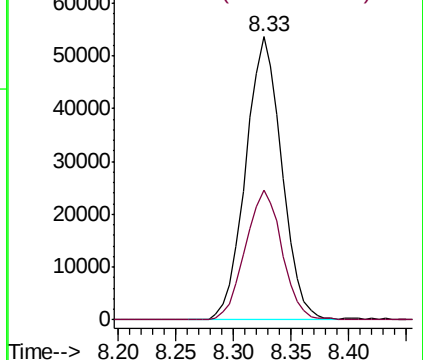


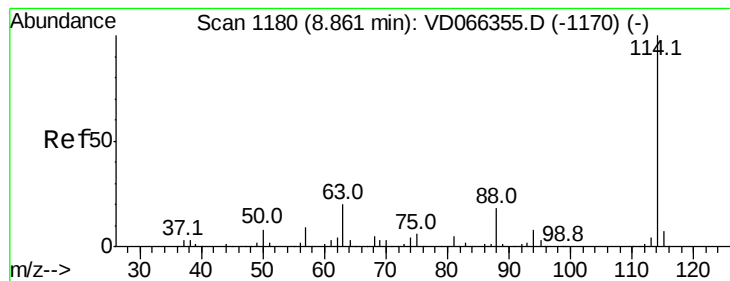
#33
1,2-Dichloroethane-d4
Concen: 55.203 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

Tgt Ion: 65 Resp: 116664
Ion Ratio Lower Upper
65 100
67 46.8 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: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

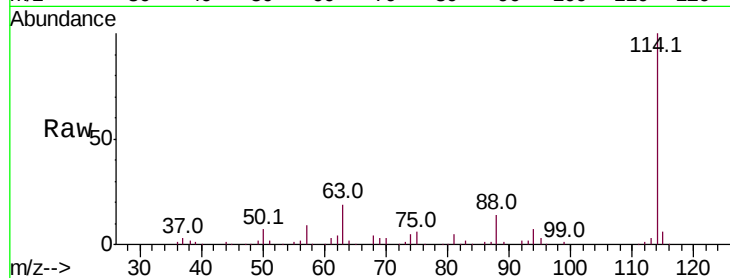
Tot Ion:114 Resp: 338151

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

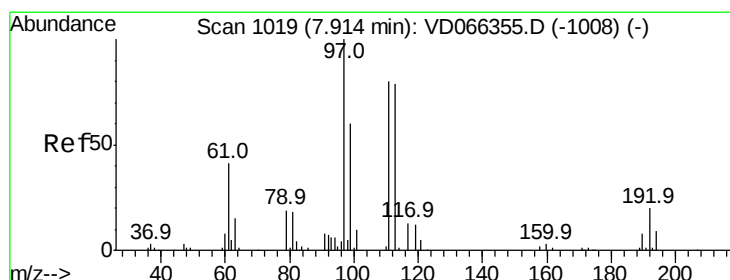
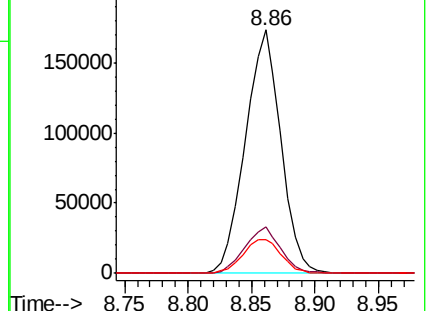
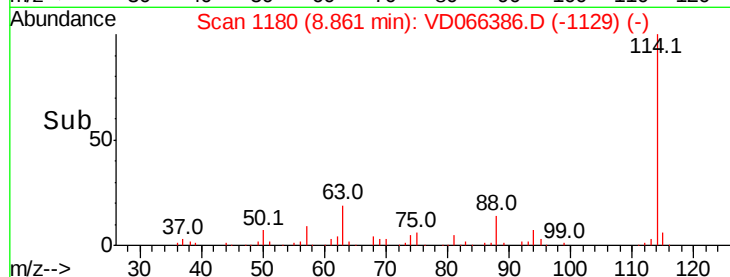
88 13.7 0.0 35.4



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: 49.436 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

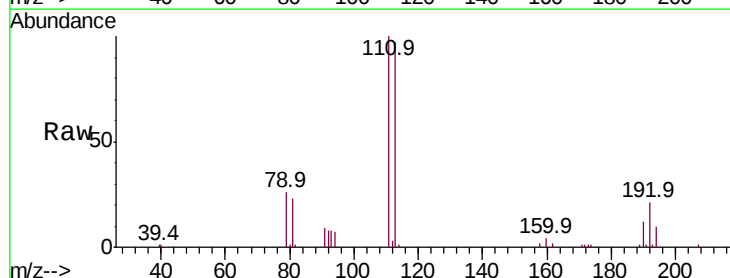
Tgt Ion:113 Resp: 104532

Ion Ratio Lower Upper

113 100

111 103.7 80.3 120.5

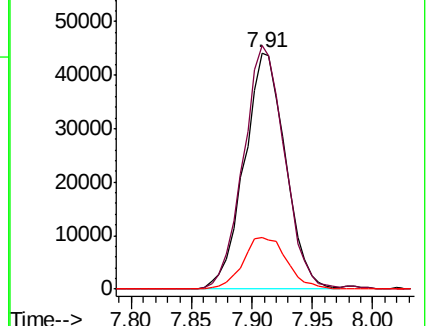
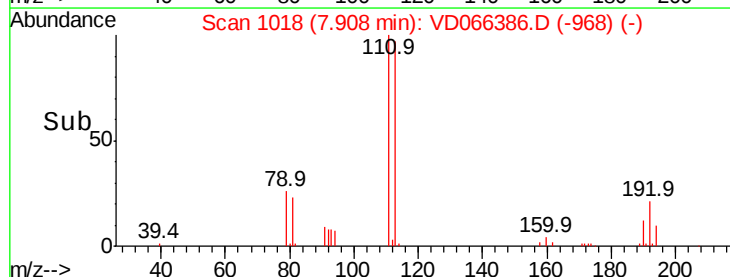
192 23.4 19.0 28.6

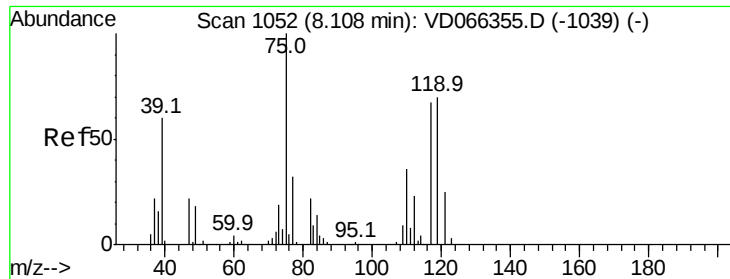


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.759 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

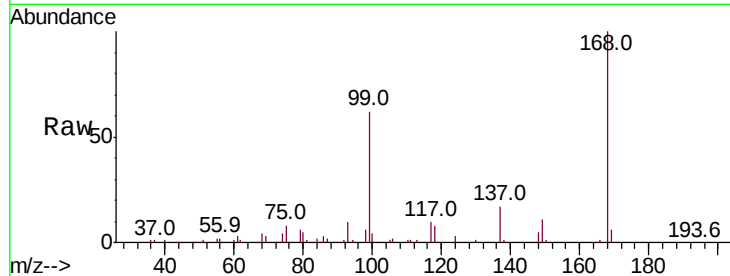
Tot Ion: 75 Resp: 14685

Ion Ratio Lower Upper

75 100

110 11.0 18.7 56.1#

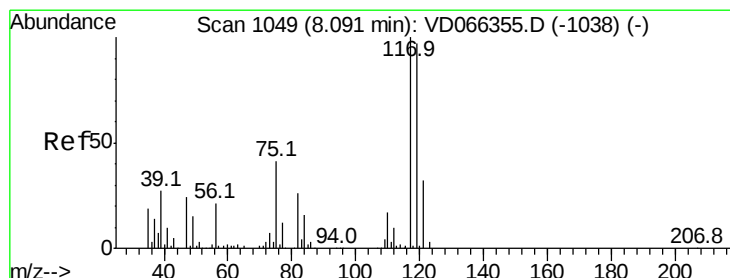
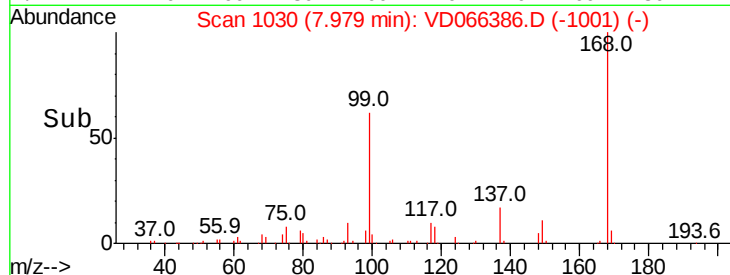
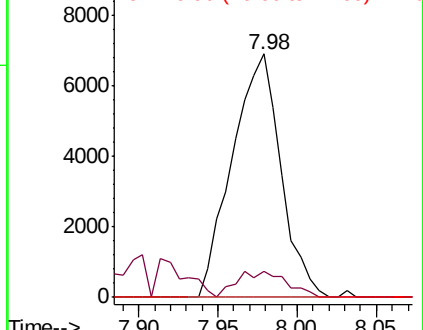
77 0.0 25.2 37.8#



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: 5.689 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

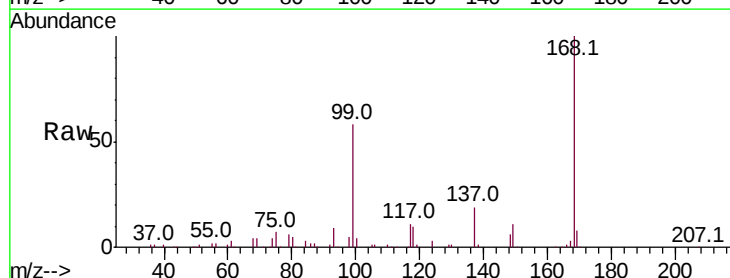
Tgt Ion: 117 Resp: 22870

Ion Ratio Lower Upper

117 100

119 7.7 77.2 115.8#

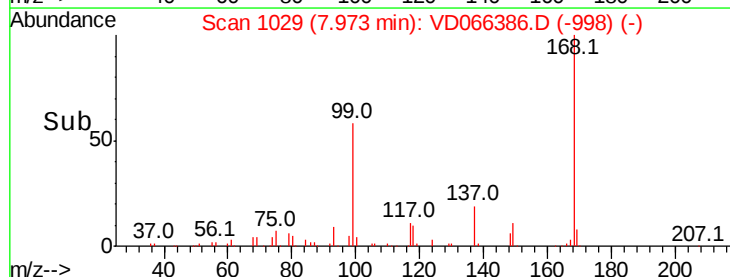
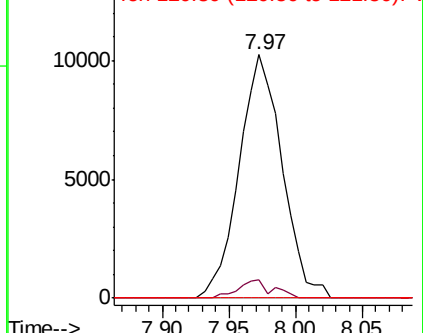
121 0.0 25.8 38.8#

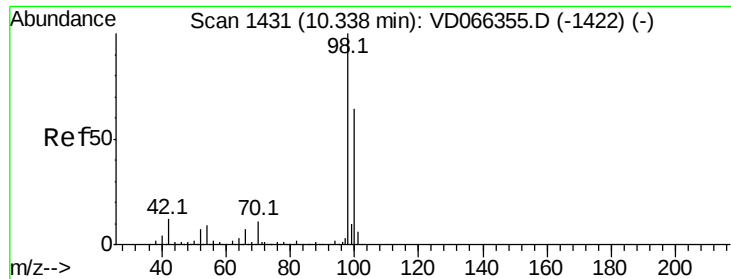


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

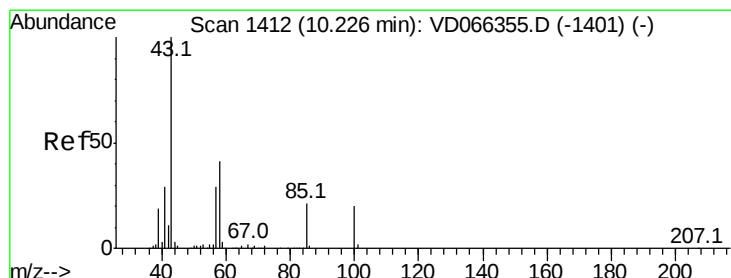
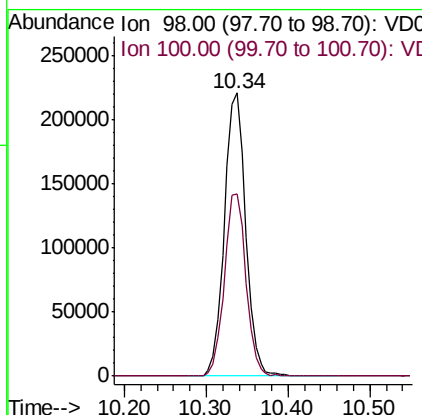
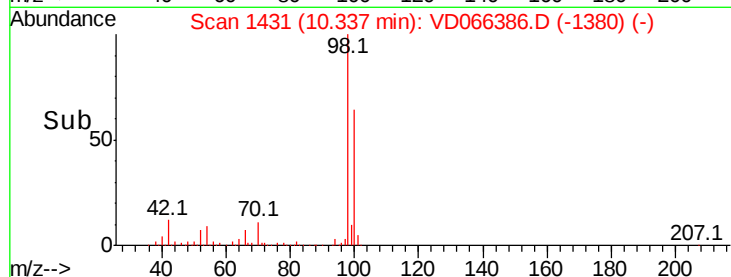
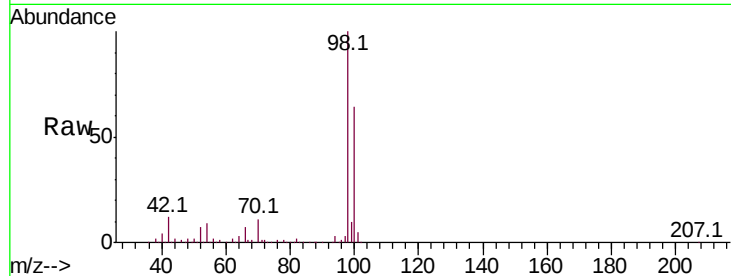




#50
Toluene-d8
Concen: 51.939 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

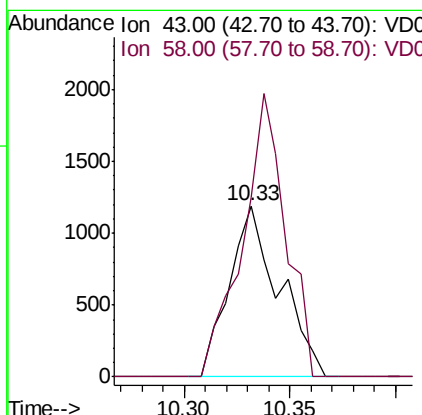
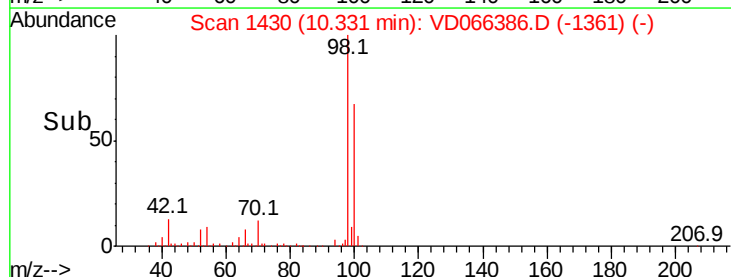
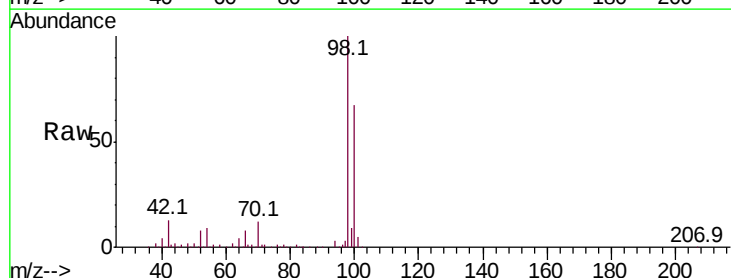
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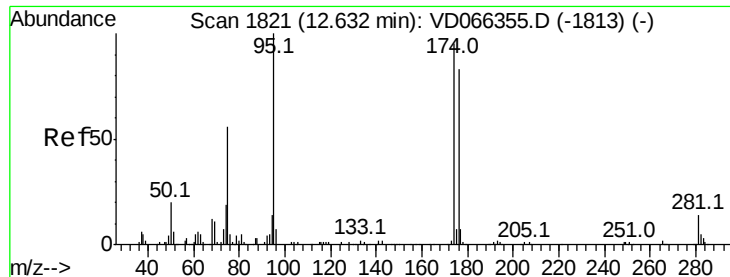
Tot Ion: 98 Resp: 401830
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.913 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 143.1 31.4 47.2#

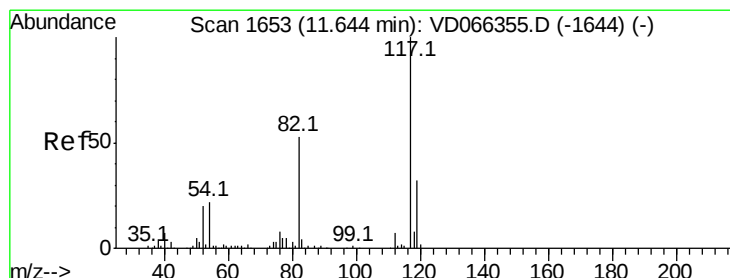
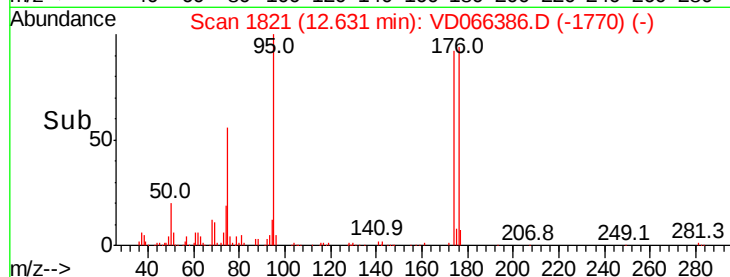
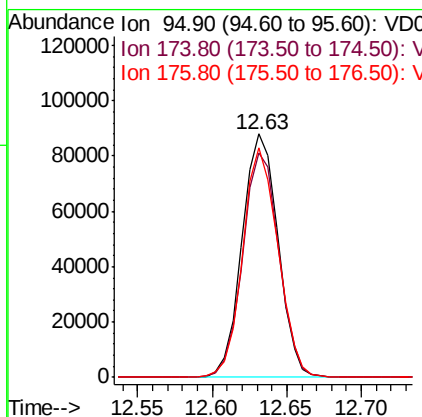
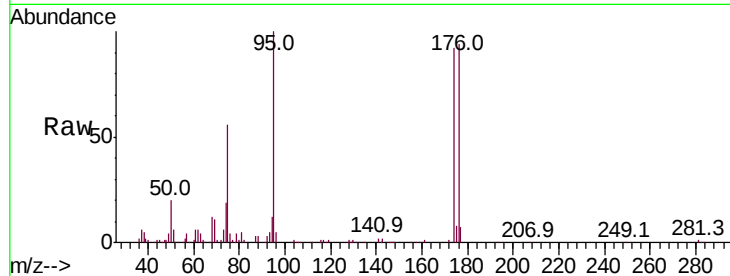




#62
4-Bromofluorobenzene
Concen: 53.319 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

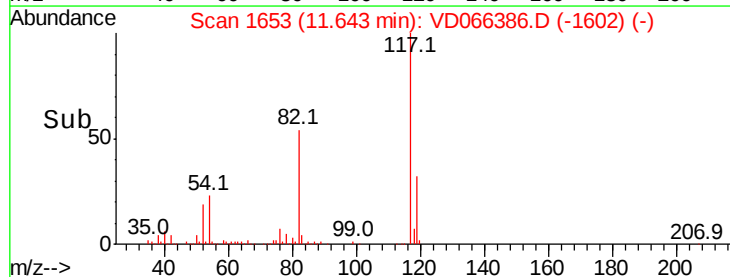
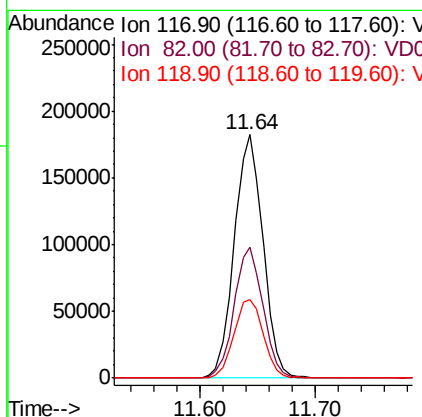
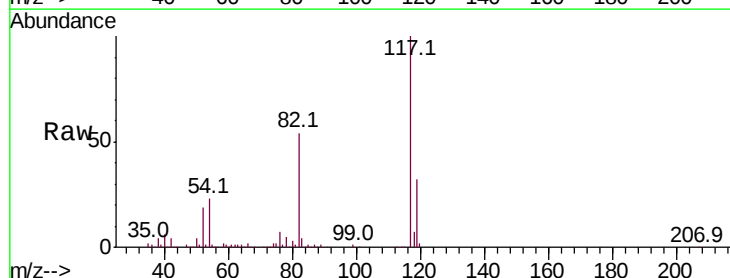
Instrument :
MSVOA_D
ClientSampleId :
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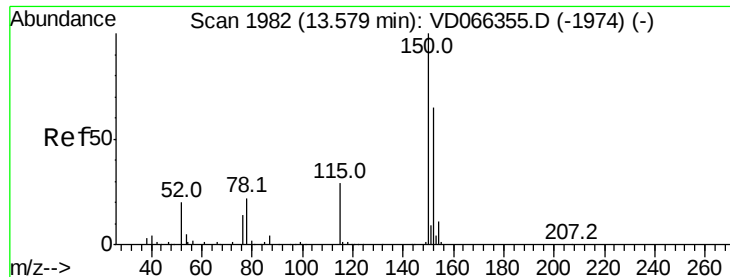
Tot Ion: 95 Resp: 146377
Ion Ratio Lower Upper
95 100
174 92.6 0.0 183.4
176 92.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

Tgt Ion: 117 Resp: 313692
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

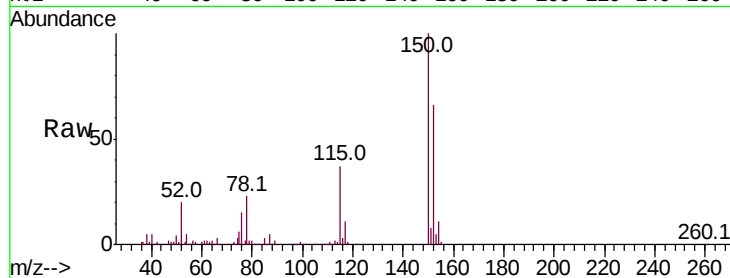
Tot Ion:152 Resp: 169507

Ion Ratio Lower Upper

152 100

115 58.4 28.3 85.0

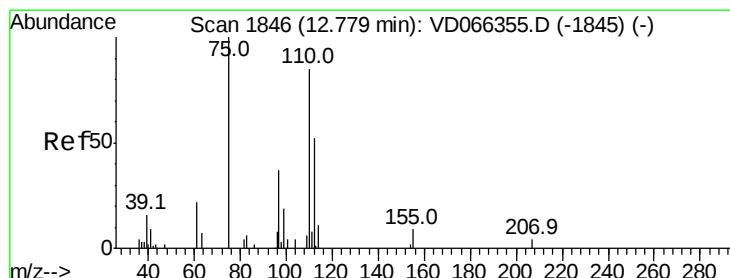
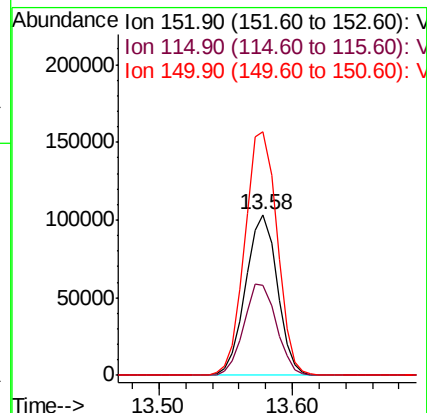
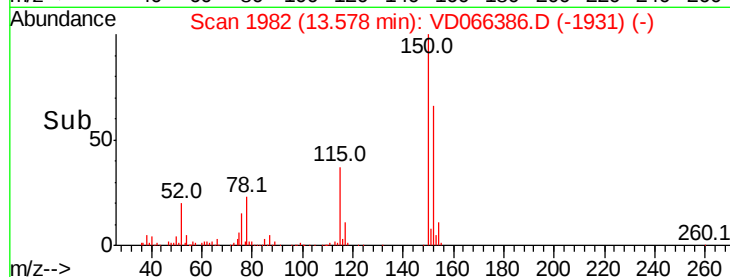
150 154.9 0.0 343.2



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: 67.337 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066386.D

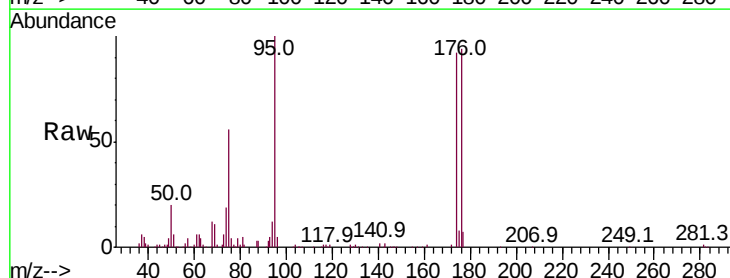
Acq: 24 Aug 2020 17:34

Tgt Ion: 75 Resp: 80299

Ion Ratio Lower Upper

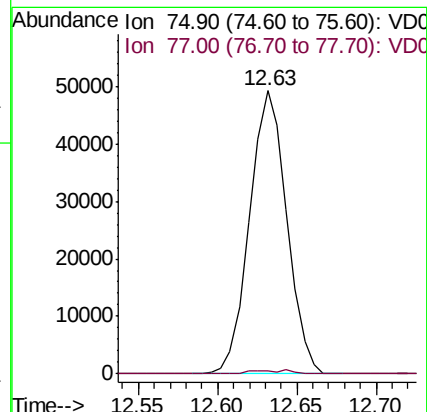
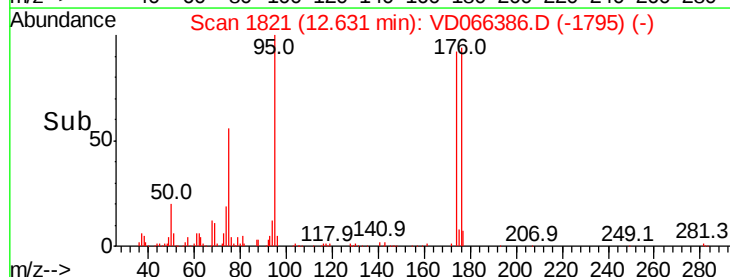
75 100

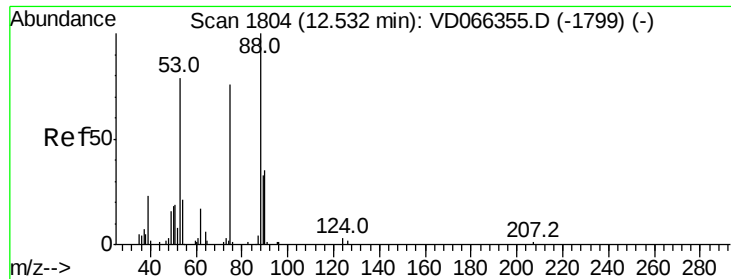
77 1.4 182.9 548.9#



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: 142.935 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

Tot Ion: 75 Resp: 80299

Ion Ratio Lower Upper

75 100

53 0.2 87.4 131.2#

89 0.0 39.4 59.0#

