

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066419.D
 Acq On : 26 Aug 2020 14:37
 Operator : VA/SY
 Sample : L3793-10
 Misc : 7.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Aug 27 07:29:01 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	203512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	276601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142927	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	113094	56.68	ug/l	0.00
Spiked Amount			Recovery	=	113.36%	
35) Dibromofluoromethane	7.91	113	94953	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.34	98	347363	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.64	95	117408	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

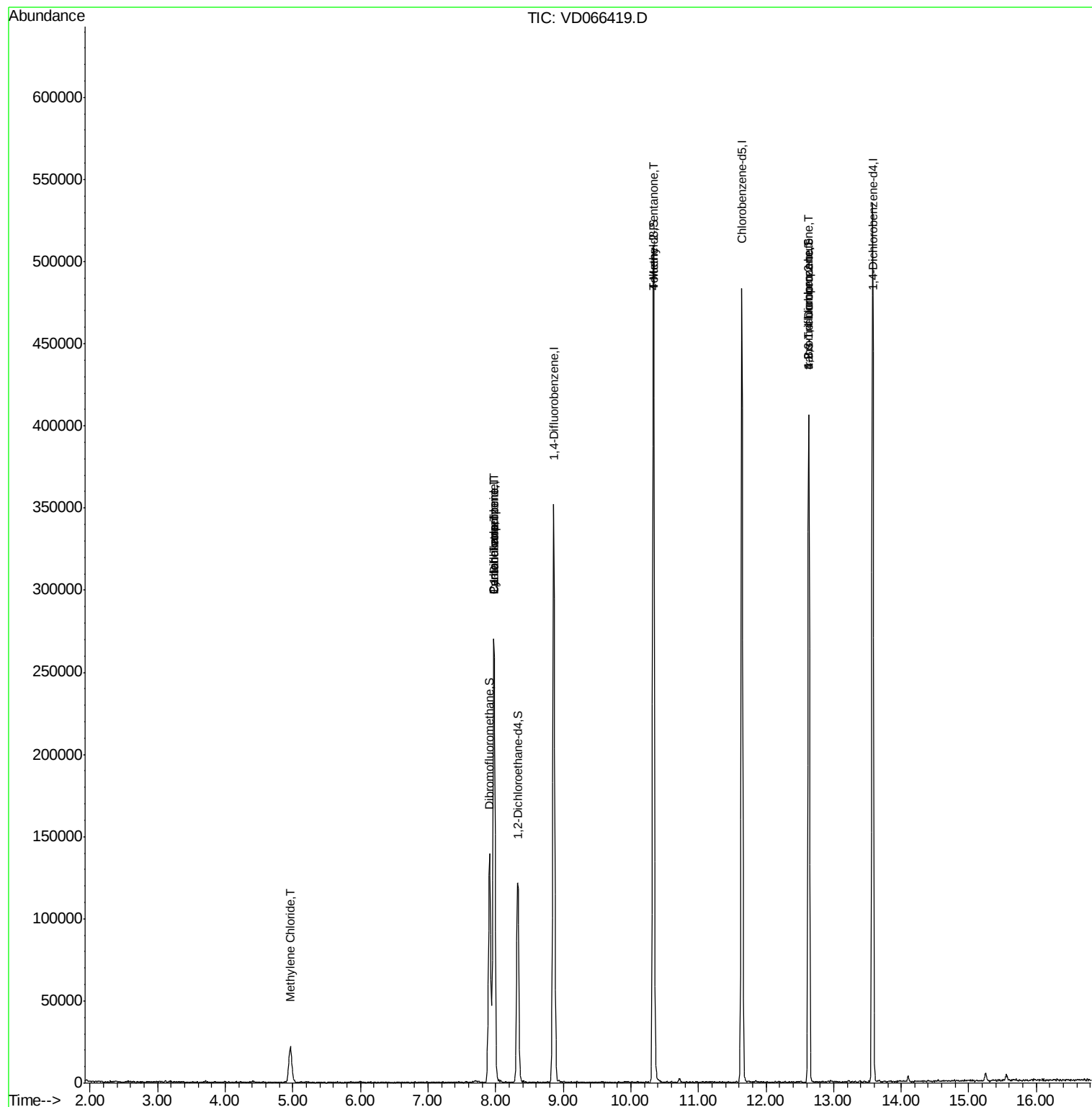
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	17462	3.151	ug/l #	82
31) Cyclohexane	7.97	56	4358	1.573	ug/l #	23
36) 1,1-Dichloropropene	7.97	75	13771	5.042	ug/l #	53
38) Carbon Tetrachloride	7.97	117	21323	5.992	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1688	1.871	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	71098	70.709	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	71098	150.093	ug/l #	6

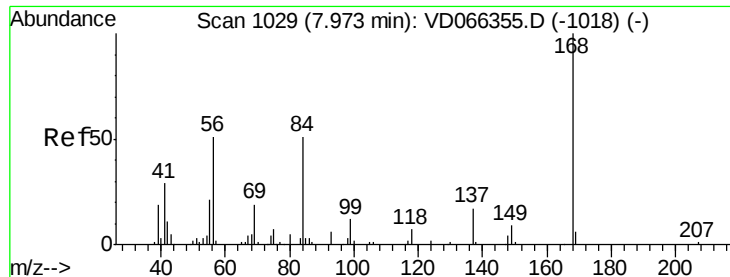
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066419.D
Acq On : 26 Aug 2020 14:37
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Quant Time: Aug 27 07:29:01 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: VD066419.D

Acq: 26 Aug 2020 14:37

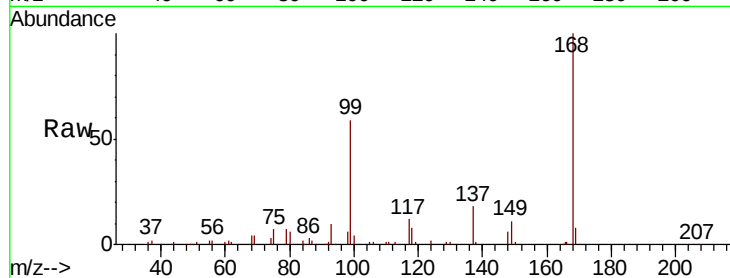
Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:168 Resp: 203512

Ion Ratio Lower Upper

168 100

99 58.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

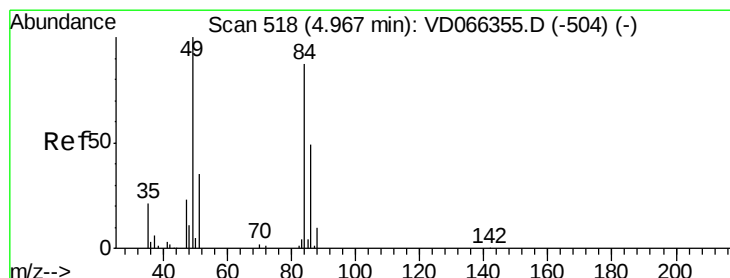
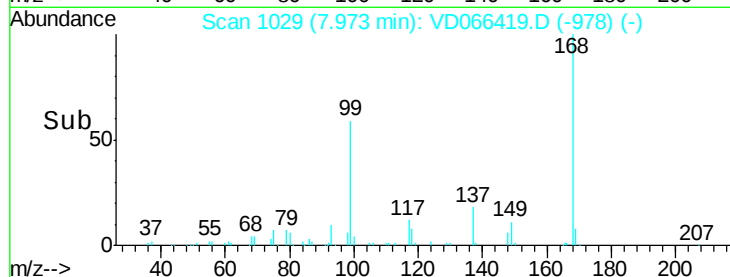
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 3.151 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066419.D

Acq: 26 Aug 2020 14:37

Tgt Ion: 84 Resp: 17462

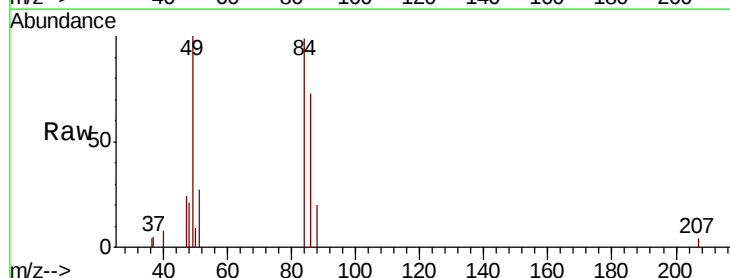
Ion Ratio Lower Upper

84 100

49 100.8 92.5 138.7

51 27.5 32.5 48.7#

86 73.7 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

8000

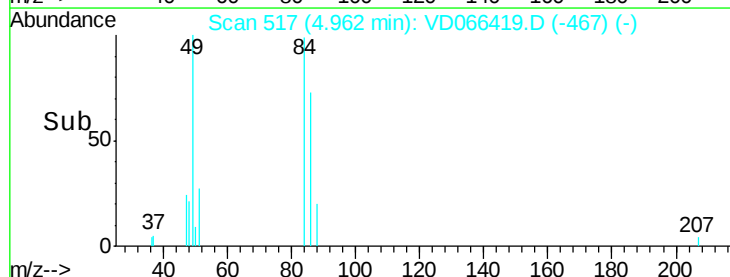
6000

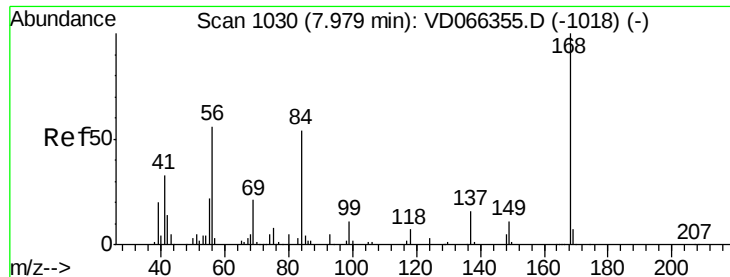
4000

2000

0

Time--> 4.90 4.95 5.00 5.10

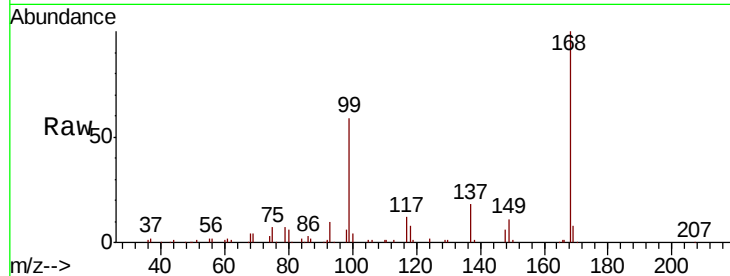




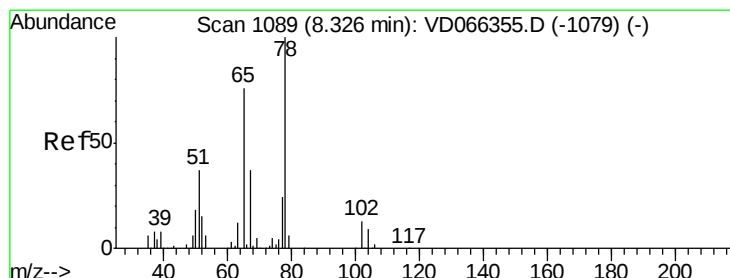
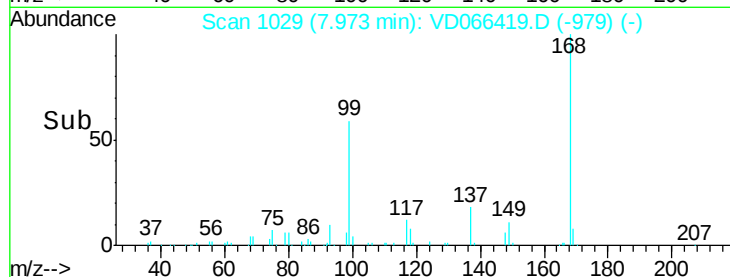
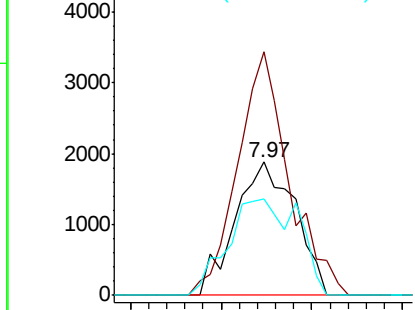
#31
Cyclohexane
Concen: 1.573 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 56 Resp: 4358
Ion Ratio Lower Upper
56 100
69 183.2 29.6 44.4#
84 83.8 76.6 115.0

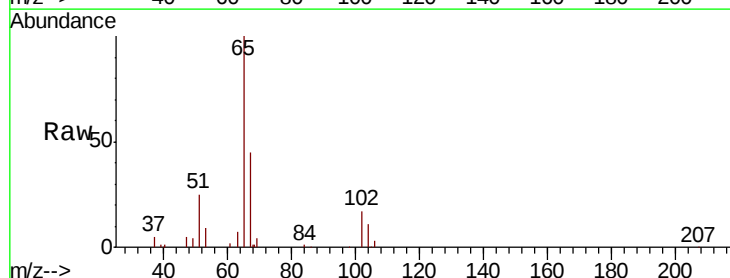


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

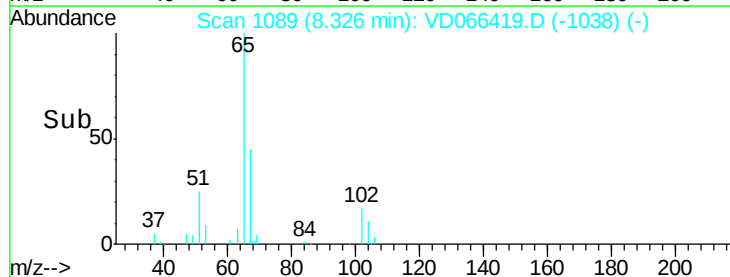
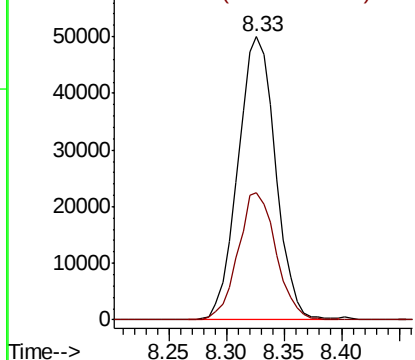


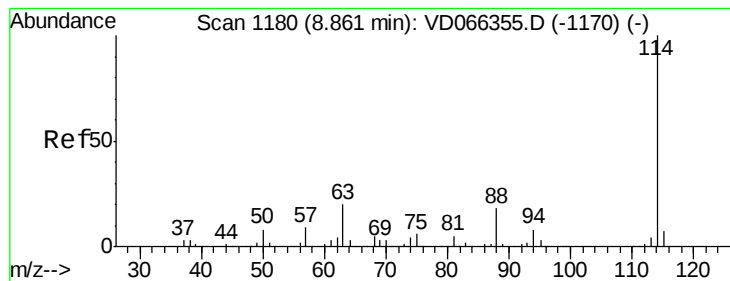
#33
1,2-Dichloroethane-d4
Concen: 56.682 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

Tgt Ion: 65 Resp: 113094
Ion Ratio Lower Upper
65 100
67 45.3 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: VD066419.D

Acq: 26 Aug 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

TP-4

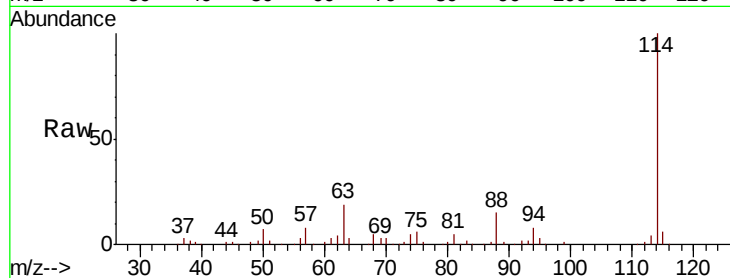
Tot Ion:114 Resp: 299357

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

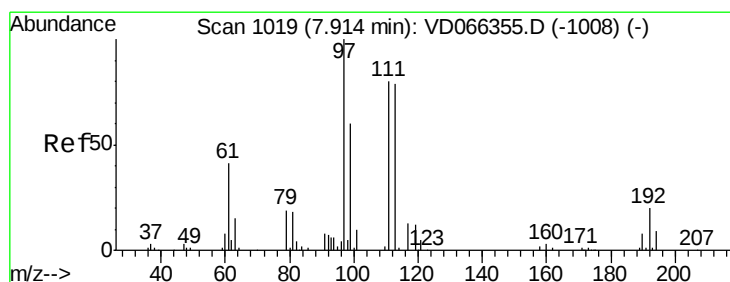
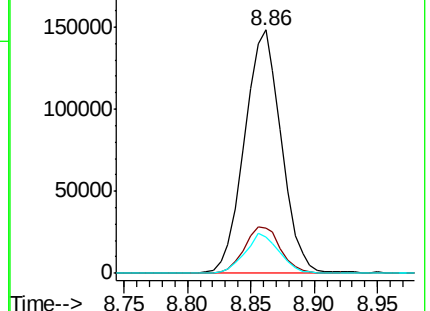
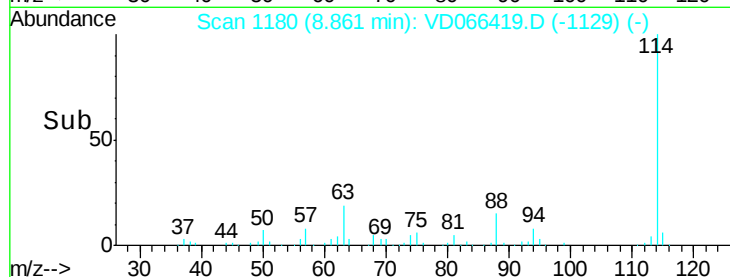
88 14.8 0.0 35.4



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: 50.725 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066419.D

Acq: 26 Aug 2020 14:37

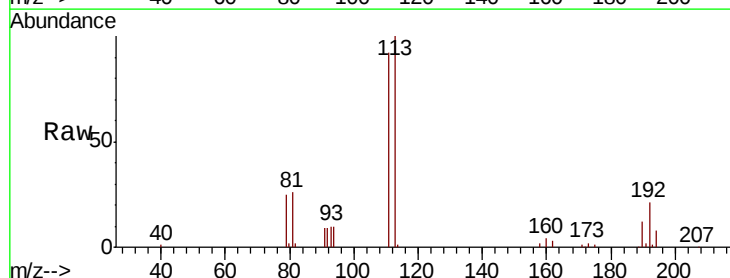
Tgt Ion:113 Resp: 94953

Ion Ratio Lower Upper

113 100

111 99.9 80.3 120.5

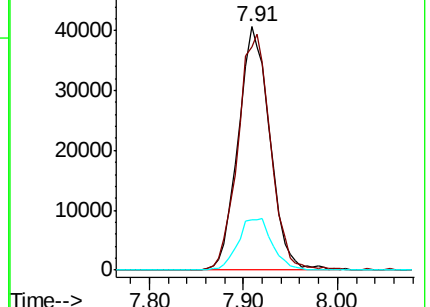
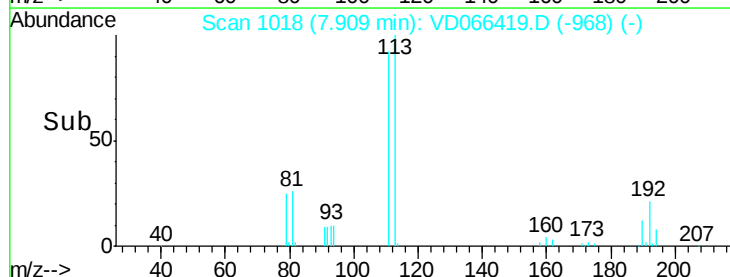
192 22.7 19.0 28.6

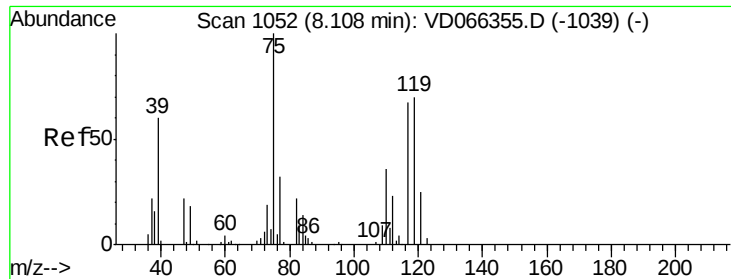


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

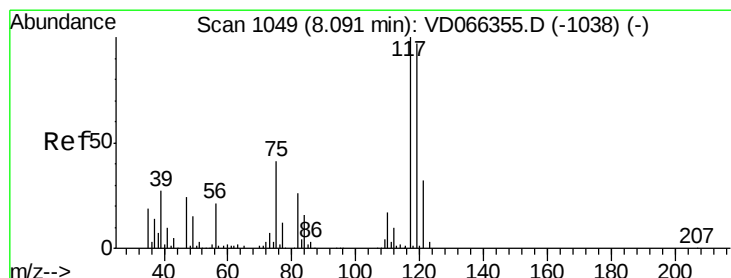
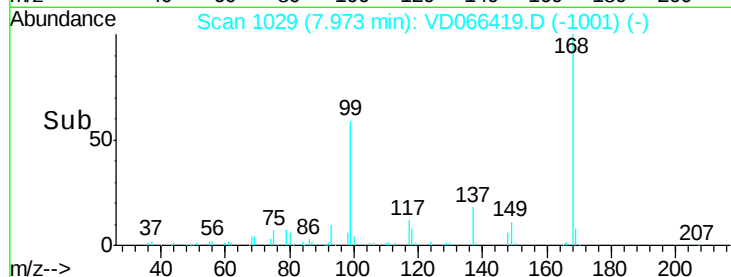
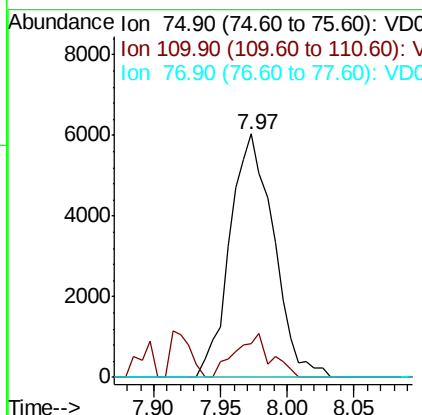
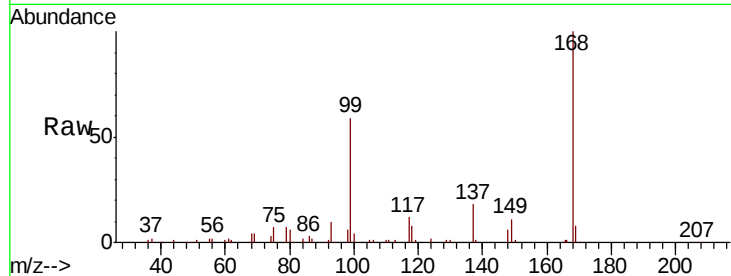




#36
 1,1-Dichloropropene
 Concen: 5.042 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066419.D
 Acq: 26 Aug 2020 14:37

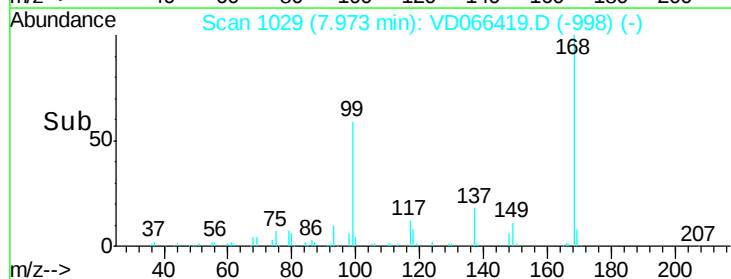
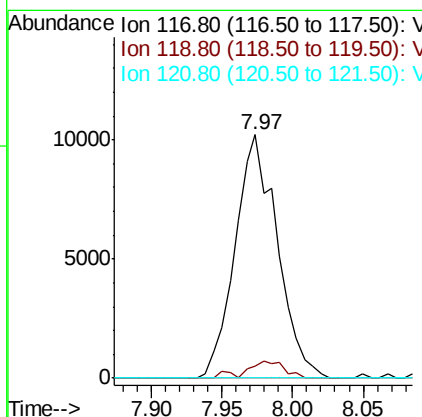
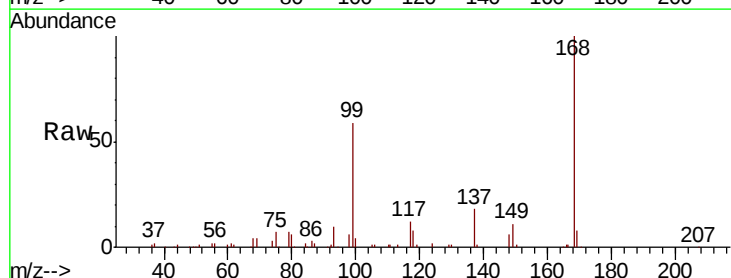
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

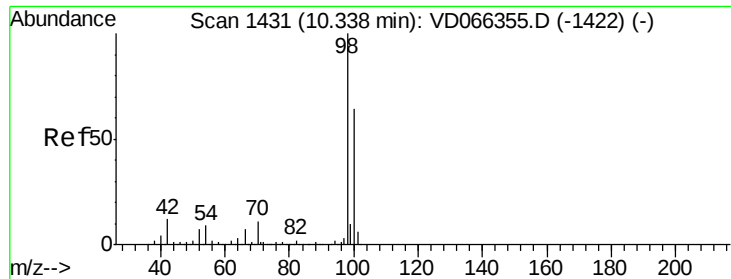
Tot Ion: 75 Resp: 13771
 Ion Ratio Lower Upper
 75 100
 110 14.6 18.7 56.1#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.992 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066419.D
 Acq: 26 Aug 2020 14:37

Tgt Ion: 117 Resp: 21323
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.2 115.8#
 121 0.0 25.8 38.8#

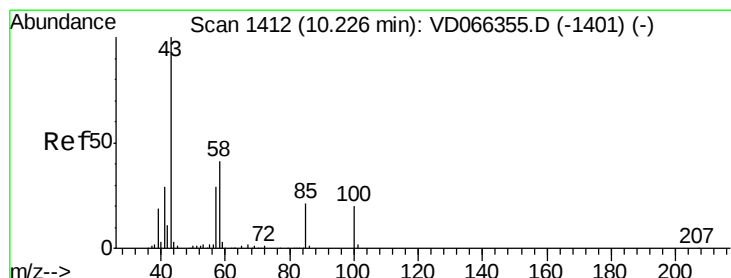
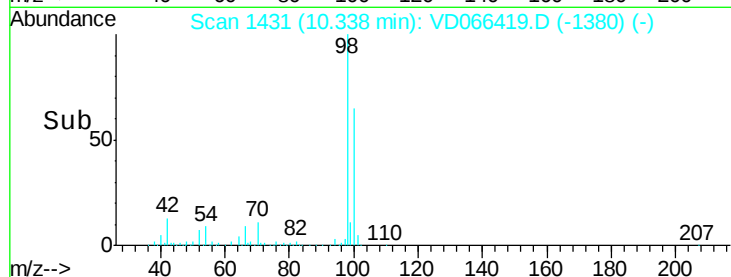
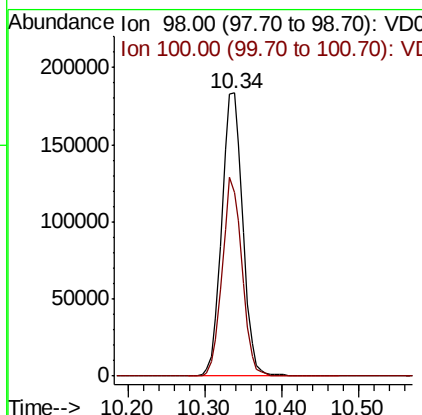
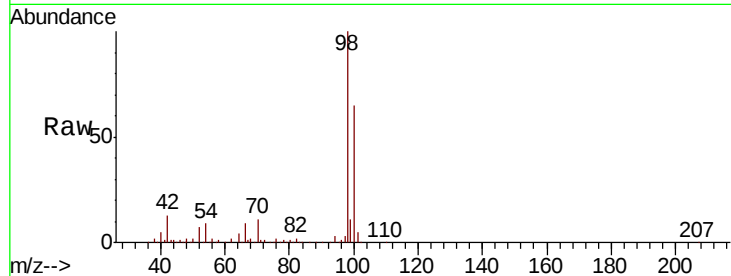




#50
Toluene-d8
Concen: 50.717 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

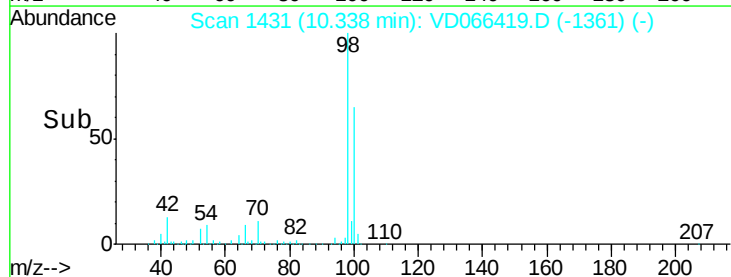
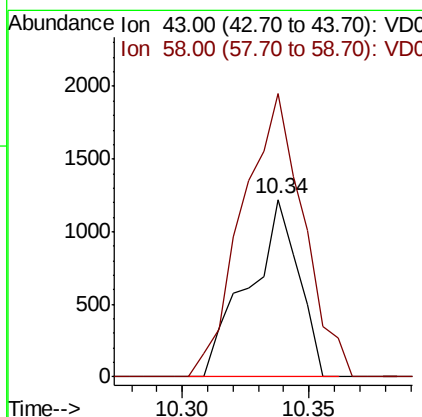
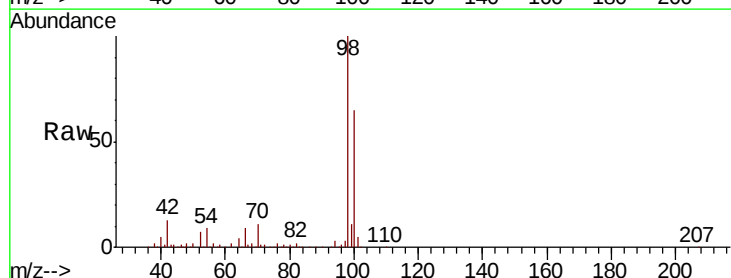
Instrument :
MSVOA_D
ClientSampleId :
TP-4

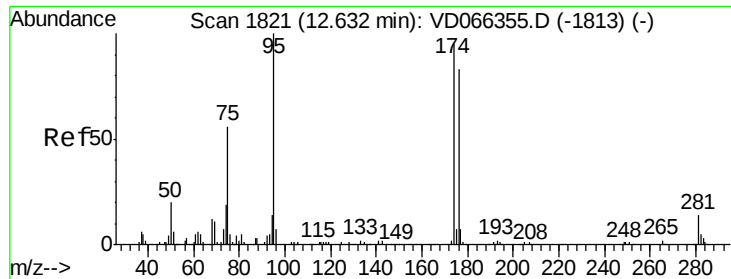
Tot Ion: 98 Resp: 347363
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.871 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 194.6 31.4 47.2#

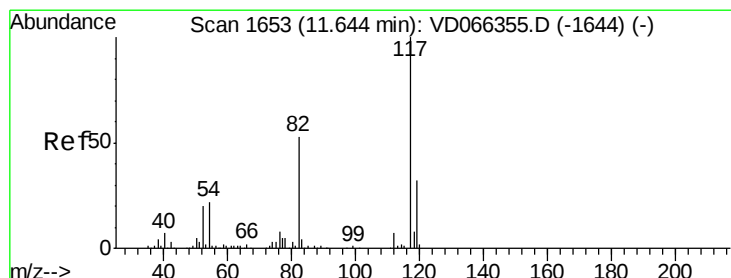
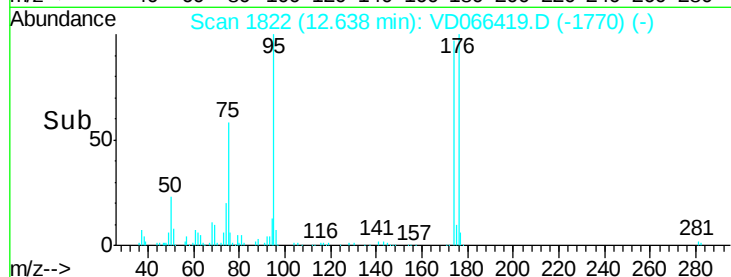
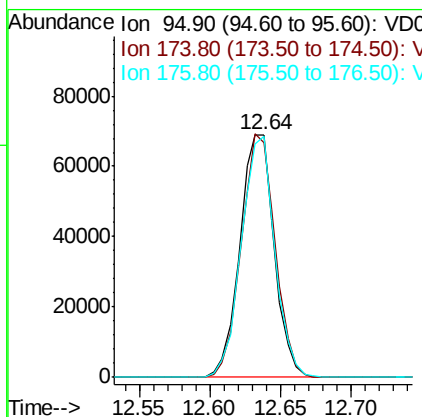
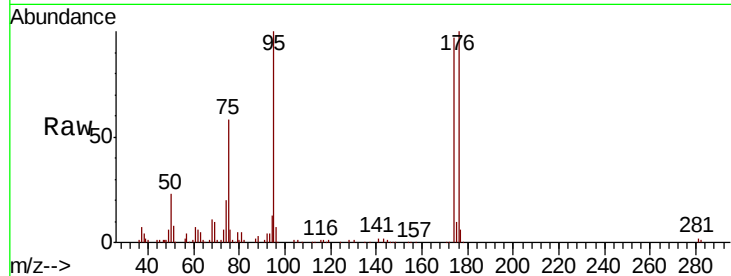




#62
4-Bromofluorobenzene
Concen: 48.309 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

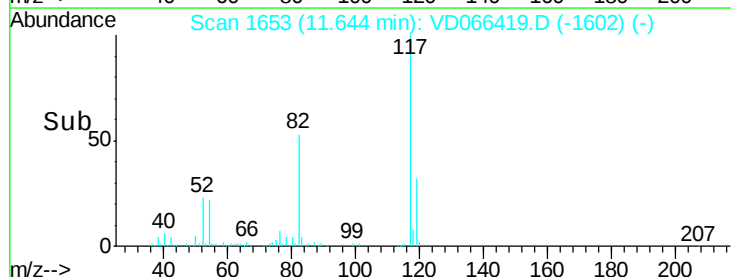
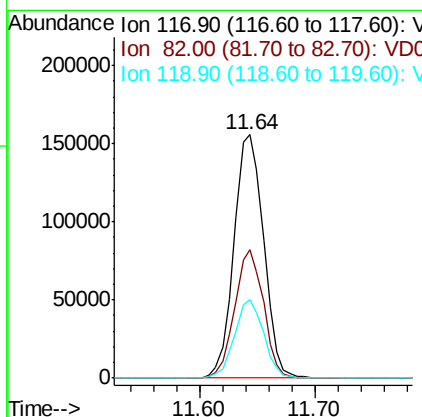
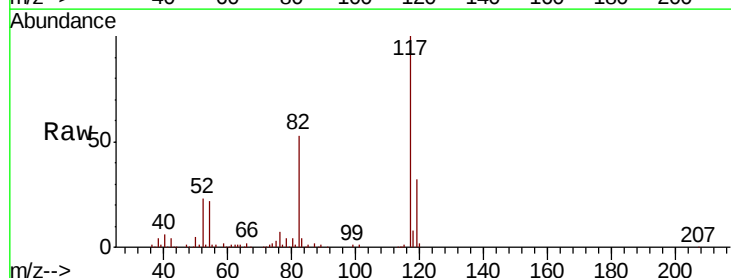
Instrument :
MSVOA_D
ClientSampleId :
TP-4

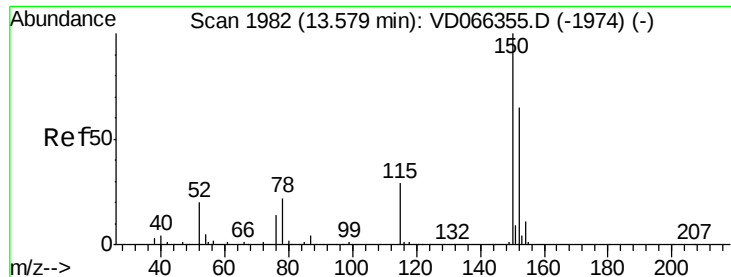
Tot Ion: 95 Resp: 117408
Ion Ratio Lower Upper
95 100
174 98.1 0.0 183.4
176 96.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066419.D
Acq: 26 Aug 2020 14:37

Tgt Ion: 117 Resp: 276601
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 32.5 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: VD066419.D

Acq: 26 Aug 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

TP-4

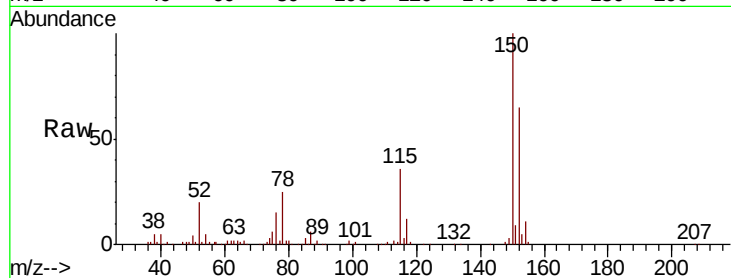
Tot Ion:152 Resp: 142927

Ion Ratio Lower Upper

152 100

115 57.3 28.3 85.0

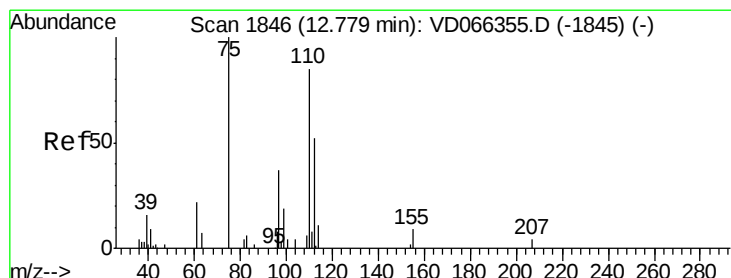
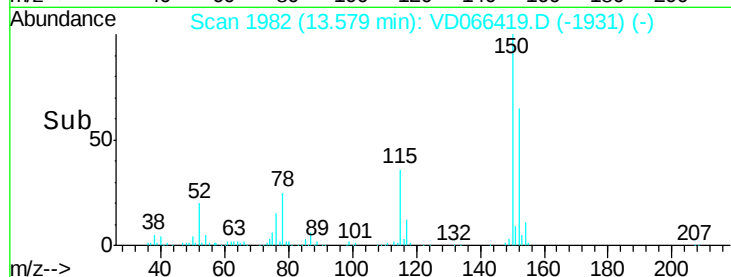
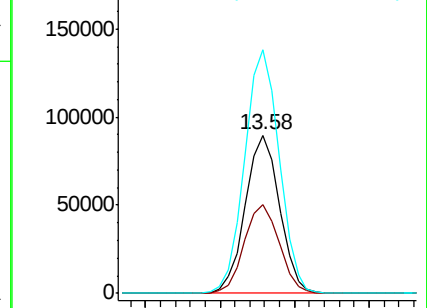
150 155.2 0.0 343.2



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: 70.709 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066419.D

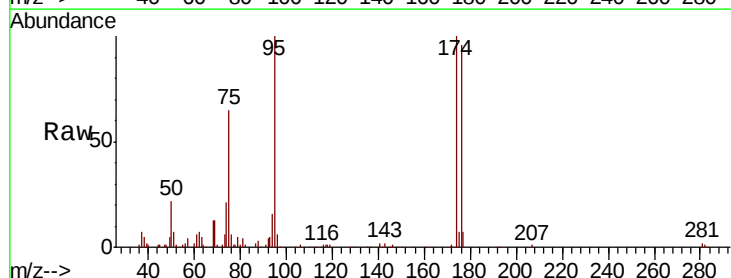
Acq: 26 Aug 2020 14:37

Tgt Ion: 75 Resp: 71098

Ion Ratio Lower Upper

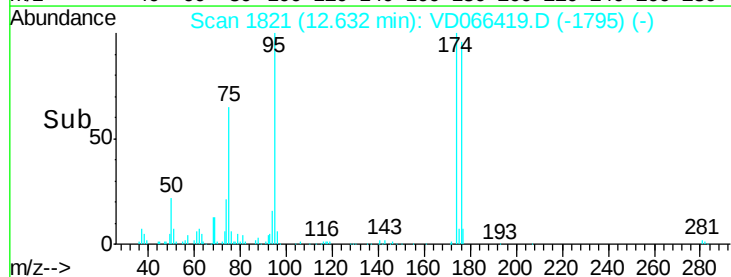
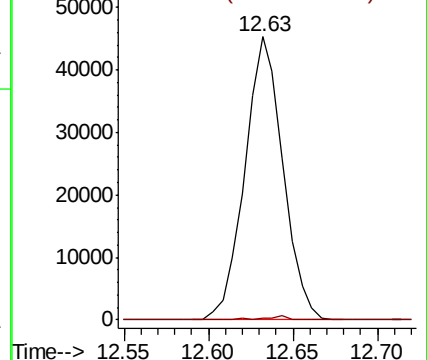
75 100

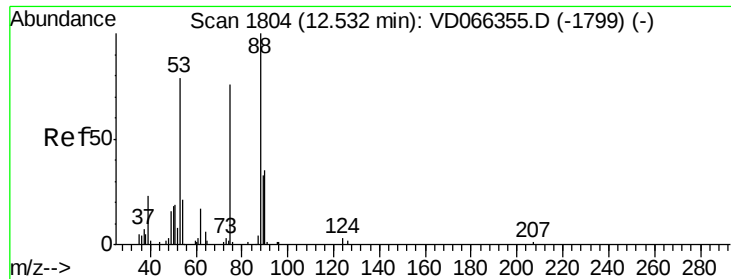
77 0.9 182.9 548.9#



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: 150.093 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066419.D

Acq: 26 Aug 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

TP-4

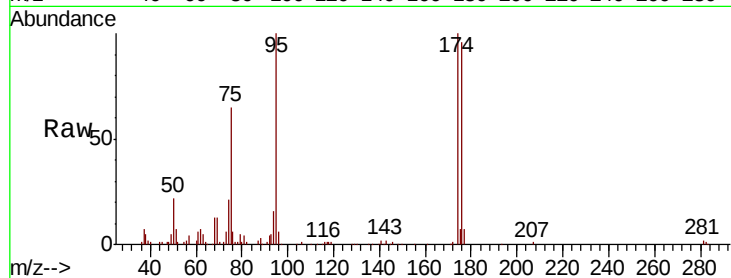
Tot Ion: 75 Resp: 71098

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.1 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

