

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066786.D
 Acq On : 21 Sep 2020 16:48
 Operator : VA/SY
 Sample : L4017-10
 Misc : 5.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-10

Quant Time: Sep 22 00:55:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	682278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	650730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300706	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	220810	53.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.82%	
35) Dibromofluoromethane	7.91	113	220054	52.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.22%	
50) Toluene-d8	10.34	98	804538	53.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.63	95	280925	54.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.22%	

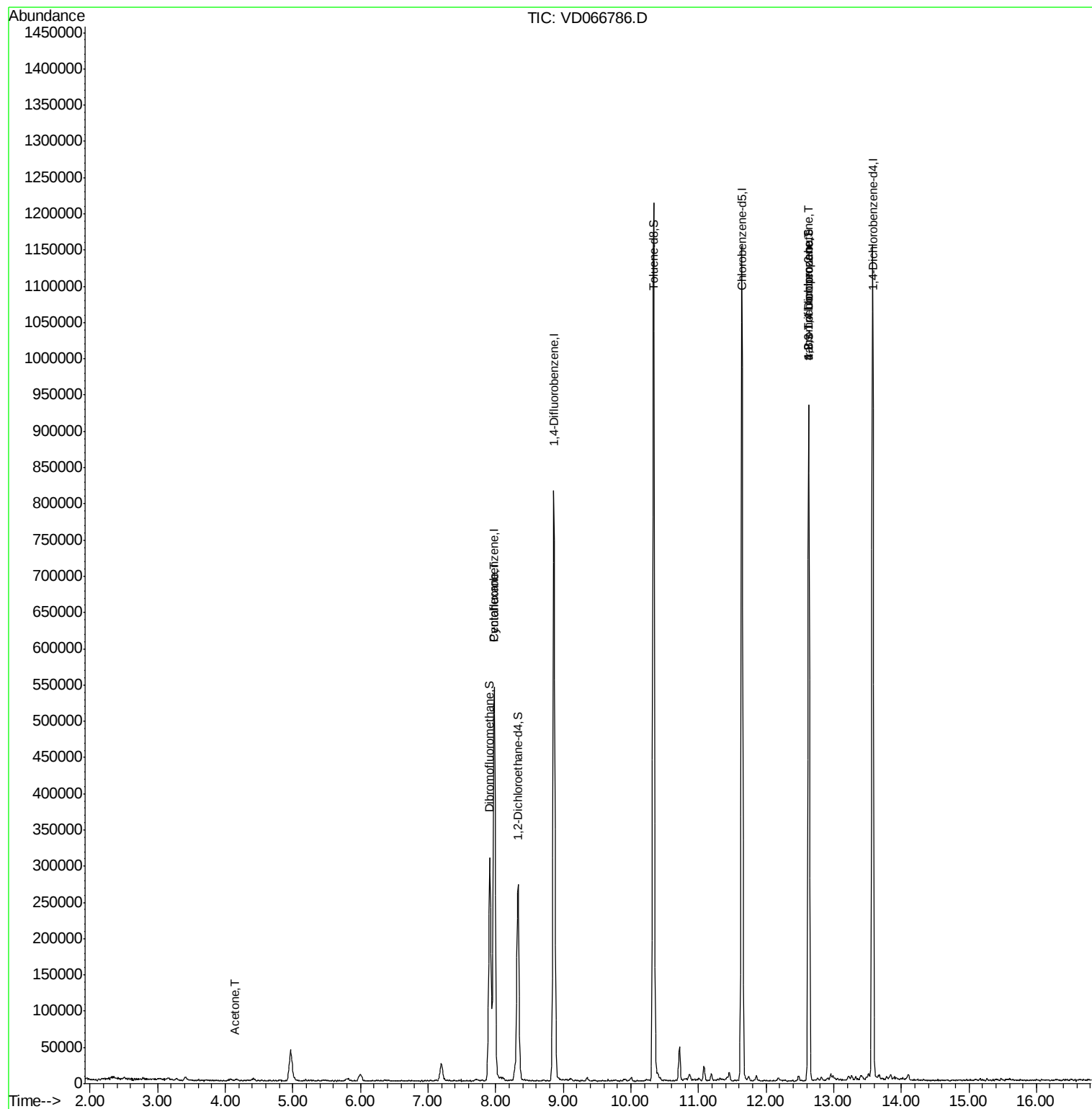
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1053	Below Cal		88
11) Tert butyl alcohol	5.22	59	354	Below Cal	#	76
16) Acetone	4.15	43	3204	3.842	ug/l #	81
18) Methyl Acetate	4.89	43	78	Below Cal	#	52
20) Methylene Chloride	4.97	84	30303	Below Cal		85
31) Cyclohexane	7.98	56	11251	1.555	ug/l #	7
76) 1,2,3-Trichloropropane	12.63	75	149467	58.070	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	149467	125.325	ug/l #	8

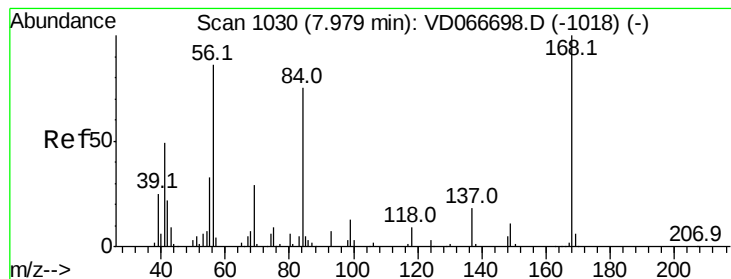
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
Data File : VD066786.D
Acq On : 21 Sep 2020 16:48
Operator : VA/SY
Sample : L4017-10
Misc : 5.70G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SS-10

Quant Time: Sep 22 00:55:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066786.D

Acq: 21 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

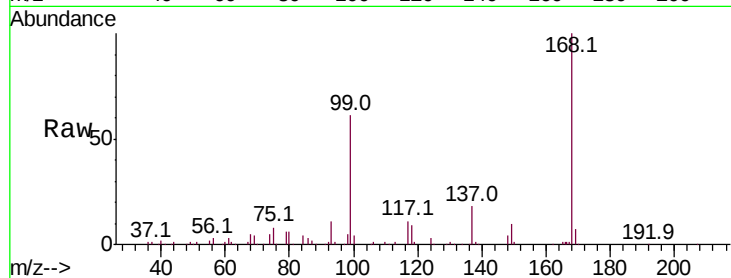
SS-10

Tot Ion:168 Resp: 383863

Ion Ratio Lower Upper

168 100

99 61.1 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

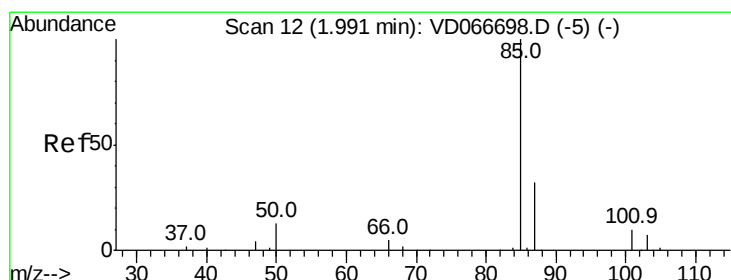
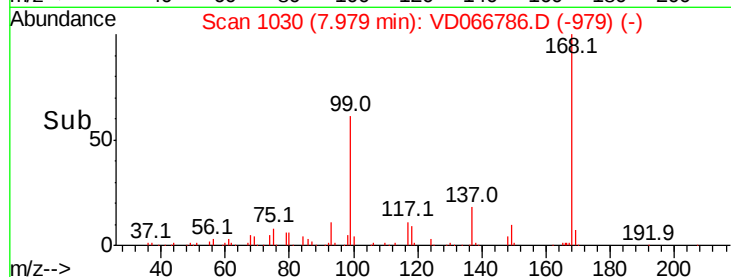
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD066786.D

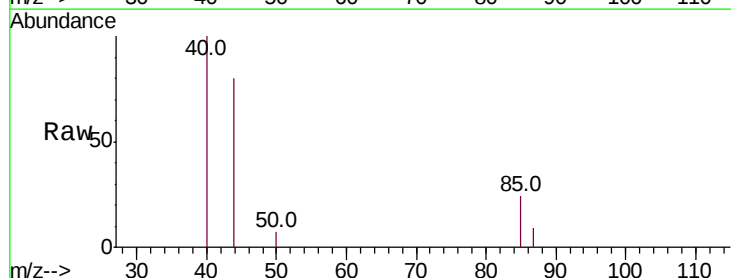
Acq: 21 Sep 2020 16:48

Tgt Ion: 85 Resp: 1053

Ion Ratio Lower Upper

85 100

87 38.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

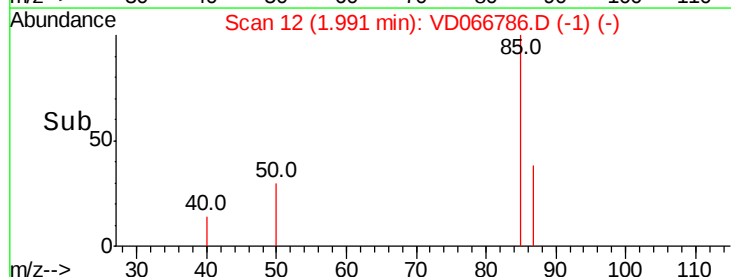
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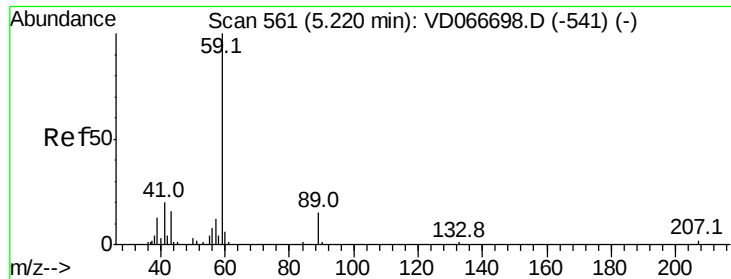
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200

0

Time-->

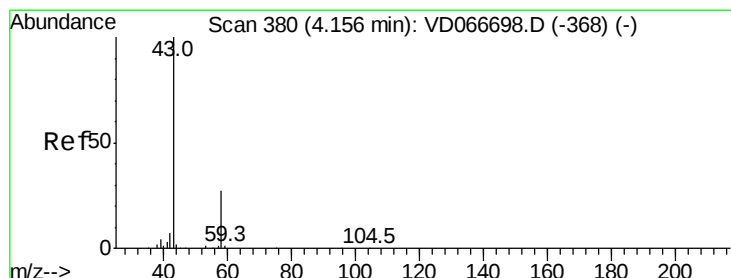
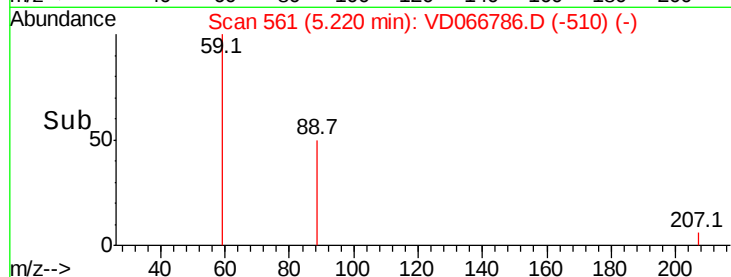
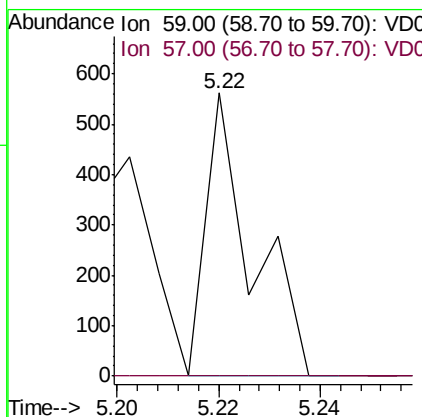
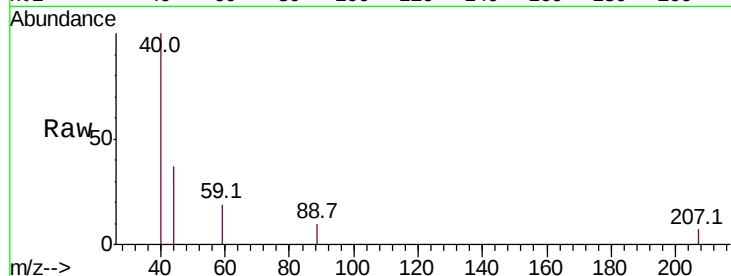




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

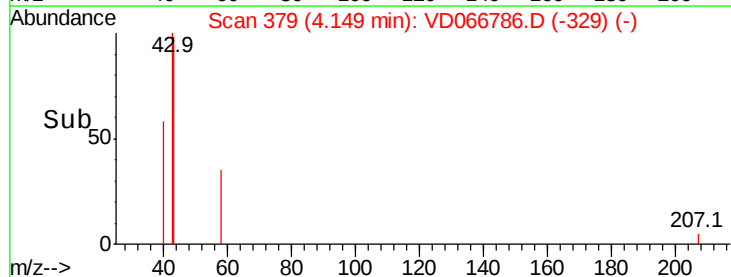
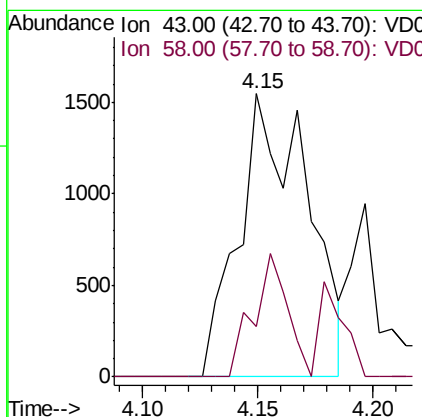
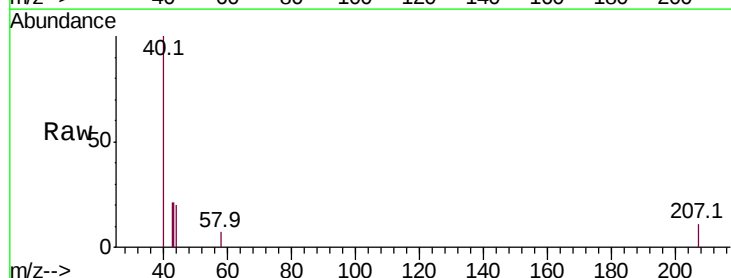
Instrument :
MSVOA_D
ClientSampleID :
SS-10

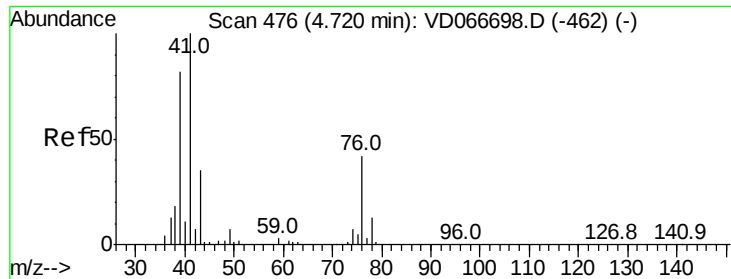
Tot Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#



#16
Acetone
Concen: 3.842 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.01 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

Tgt Ion: 43 Resp: 3204
Ion Ratio Lower Upper
43 100
58 17.7 21.9 32.9#

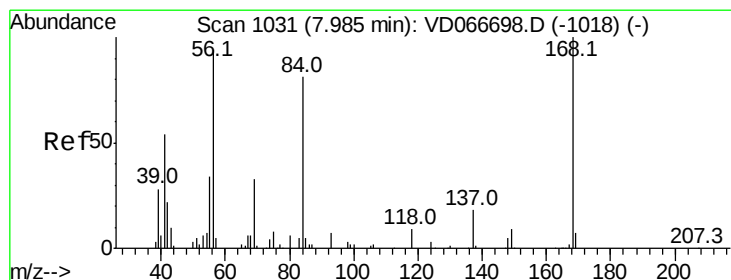
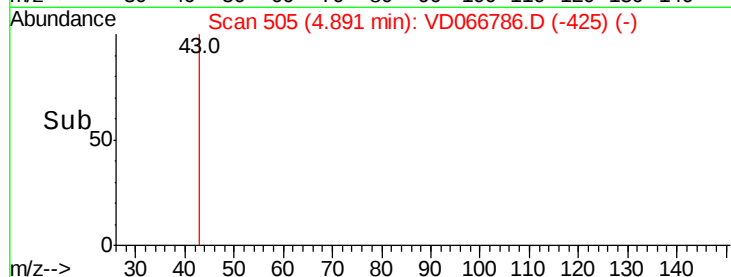
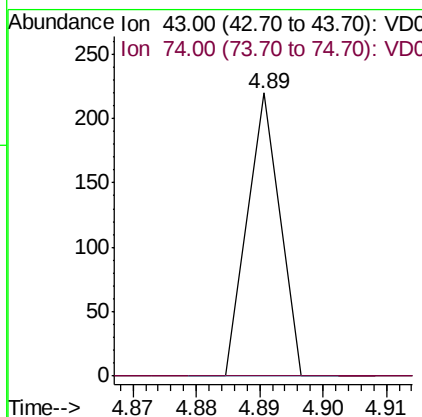
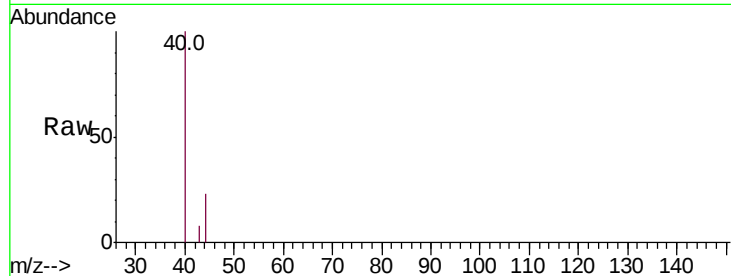




#18
Methyl Acetate
Concen: Below Cal
RT: 4.89 min Scan# 505
Delta R.T. 0.17 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

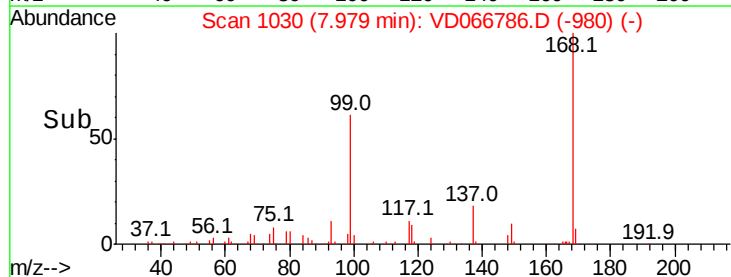
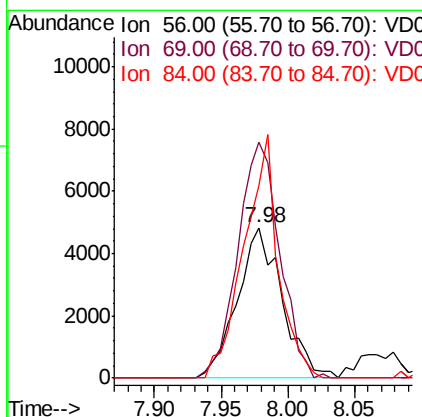
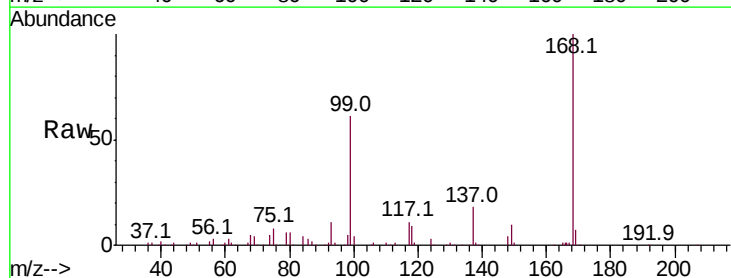
Instrument :
MSVOA_D
ClientSampled :
SS-10

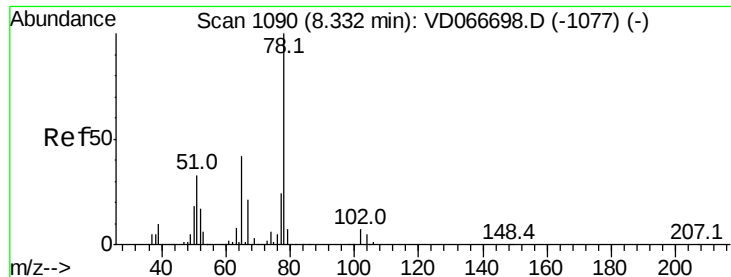
Tot Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.555 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

Tgt Ion: 56 Resp: 11251
Ion Ratio Lower Upper
56 100
69 156.1 27.7 41.5#
84 127.9 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 53.914 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066786.D

Acq: 21 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

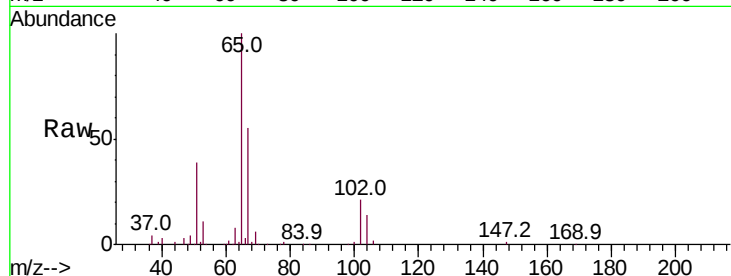
SS-10

Tot Ion: 65 Resp: 220810

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

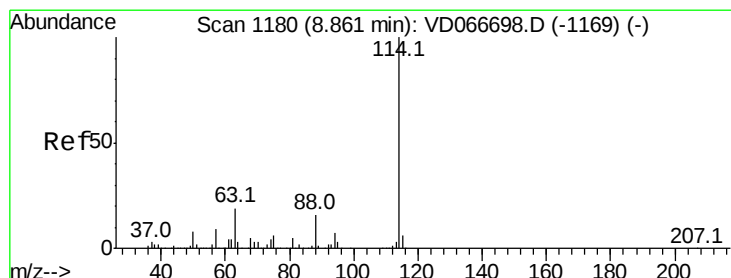
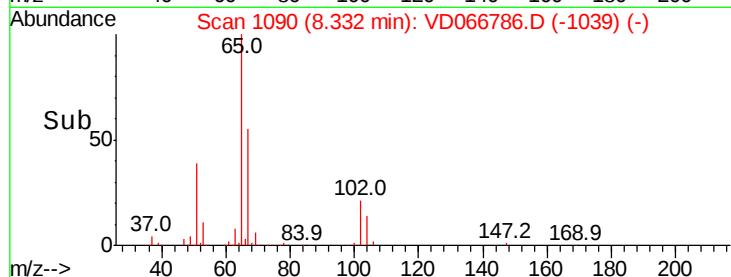
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066786.D

Acq: 21 Sep 2020 16:48

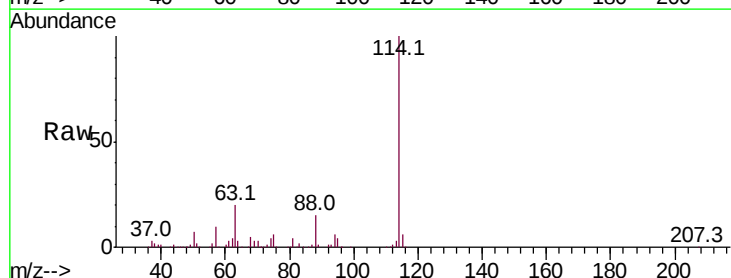
Tgt Ion: 114 Resp: 682278

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 15.1 0.0 32.2



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

8.86

400000

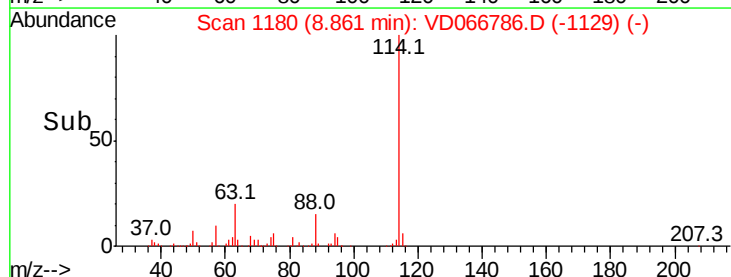
300000

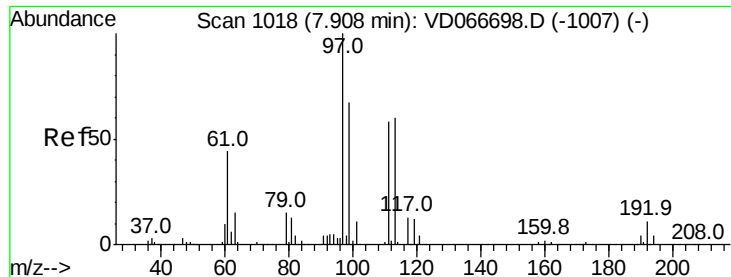
200000

100000

0

Time--> 8.80 8.90 9.00

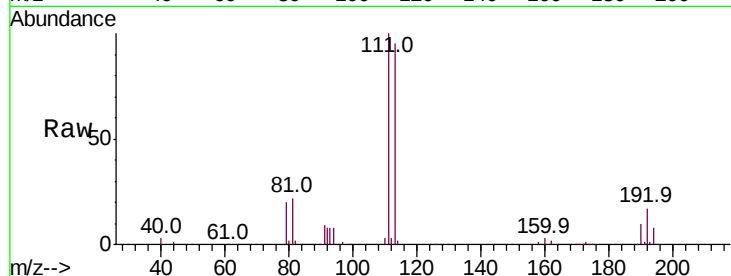




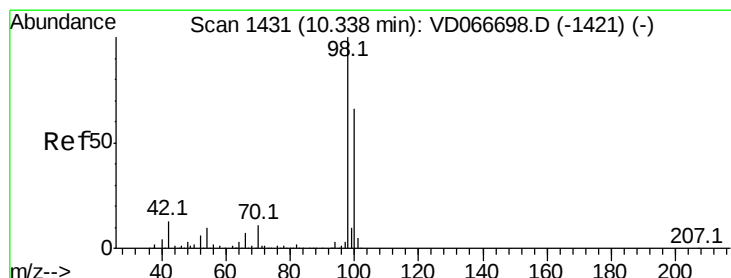
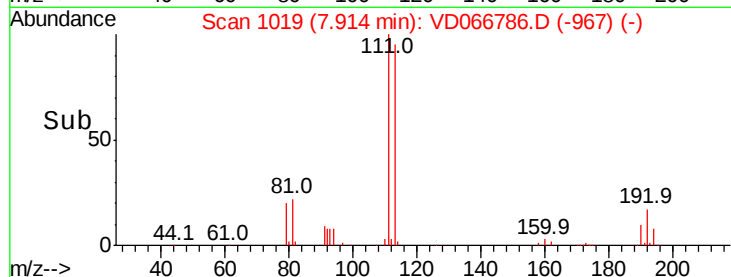
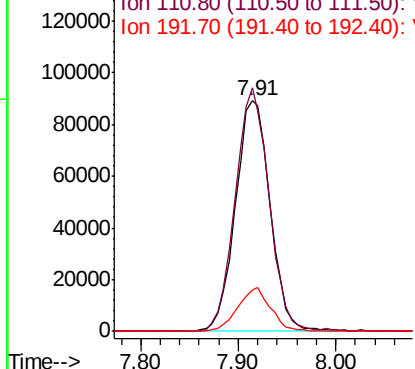
#35
 Dibromofluoromethane
 Concen: 52.607 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066786.D
 Acq: 21 Sep 2020 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-10

Tot Ion:113 Resp: 220054
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 17.8 14.8 22.2

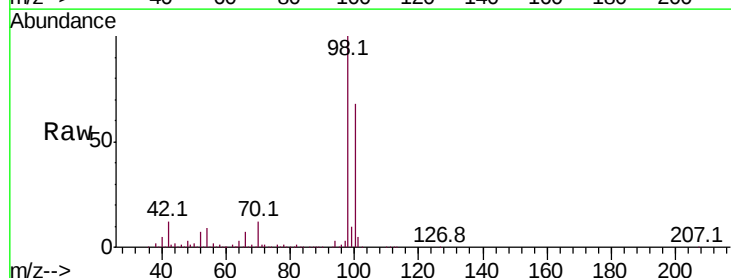


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

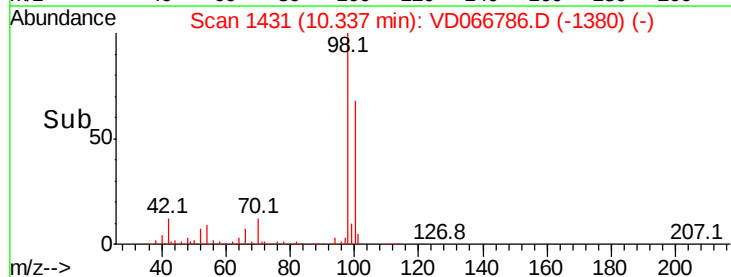
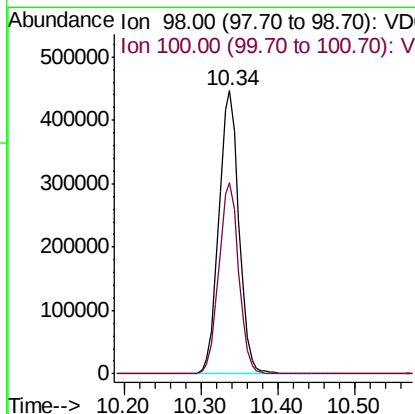


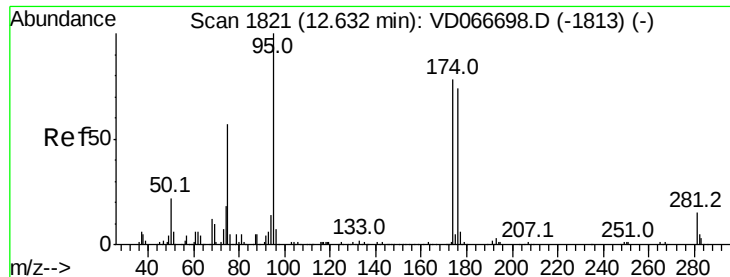
#50
 Toluene-d8
 Concen: 53.985 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066786.D
 Acq: 21 Sep 2020 16:48

Tgt Ion: 98 Resp: 804538
 Ion Ratio Lower Upper
 98 100
 100 67.2 52.7 79.1



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

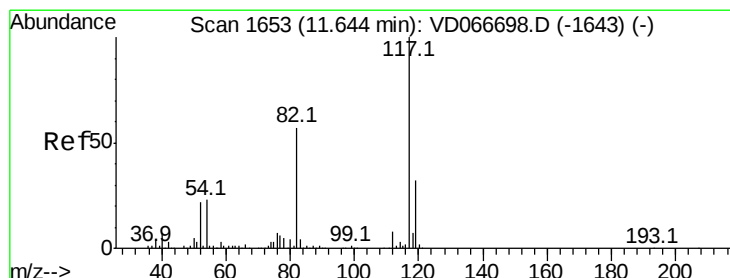
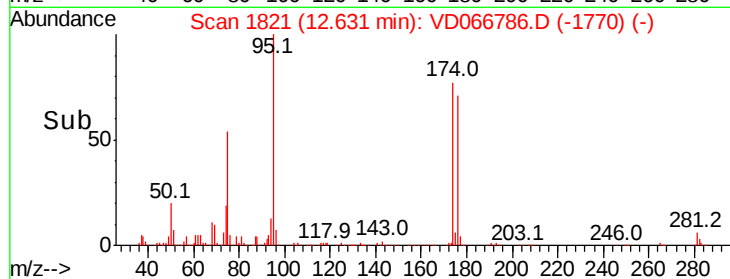
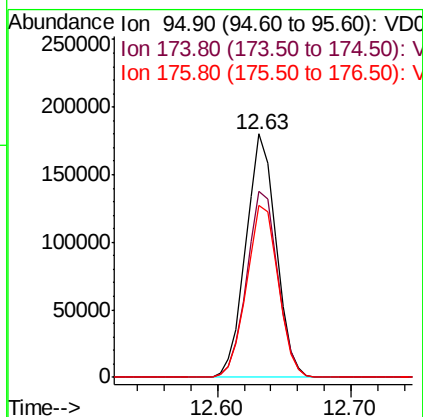
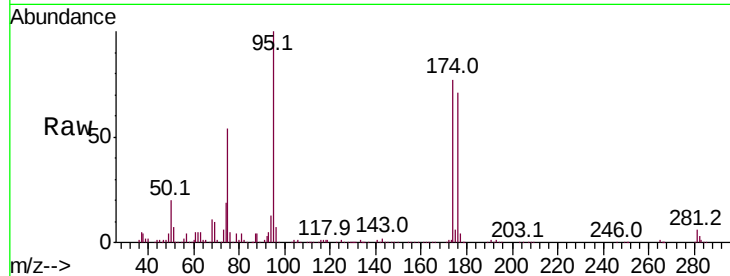




#62
4-Bromofluorobenzene
Concen: 54.608 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

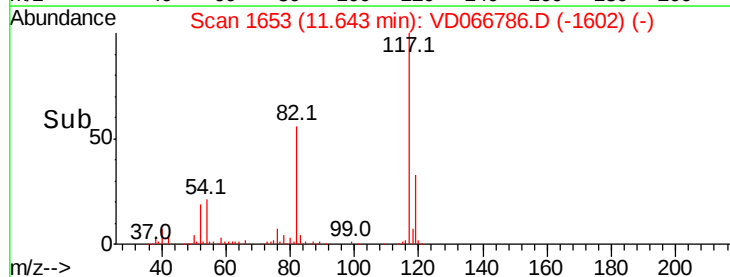
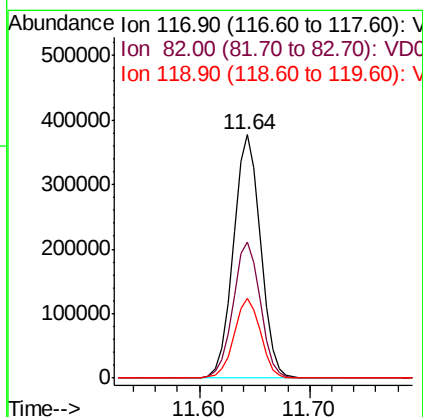
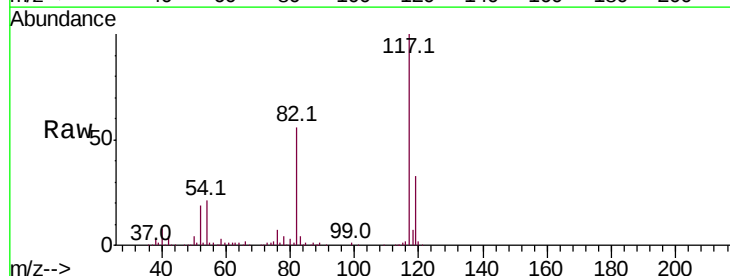
Instrument :
MSVOA_D
ClientSampleId :
SS-10

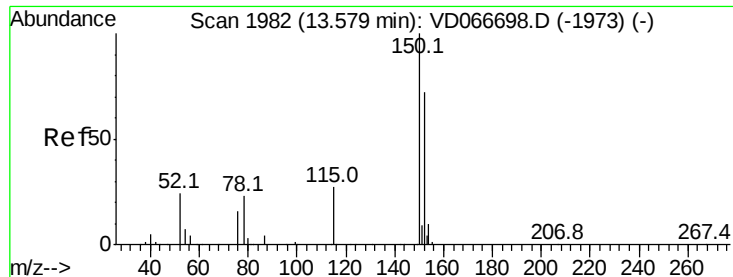
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	156.6
176	74.0	0.0	150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066786.D
Acq: 21 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.0
119	32.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066786.D

Acq: 21 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

SS-10

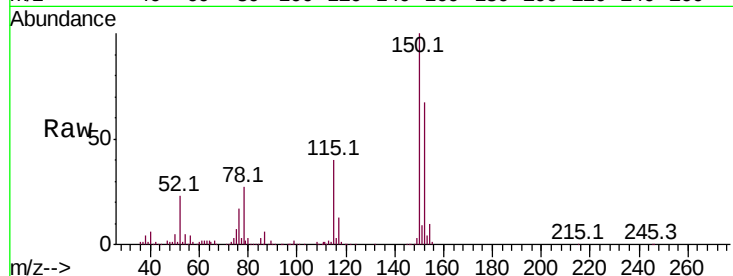
Tot Ion:152 Resp: 300706

Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

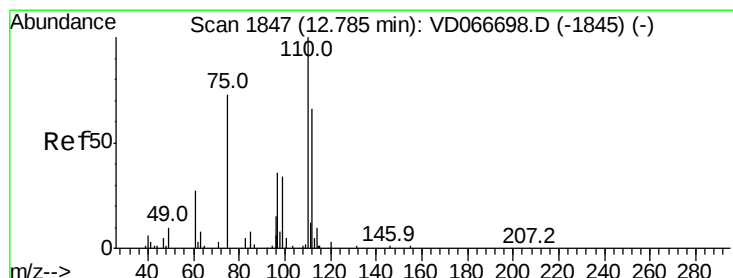
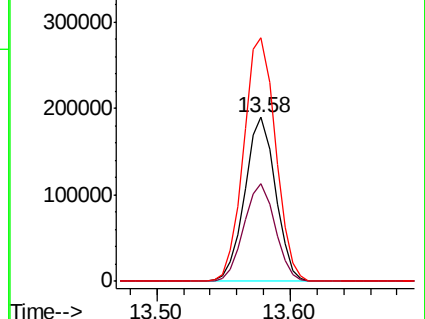
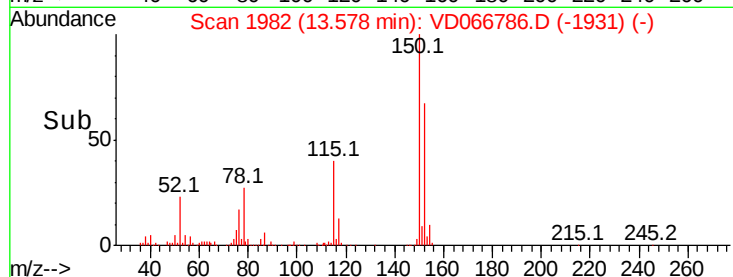
150 154.7 0.0 344.6



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: 58.070 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066786.D

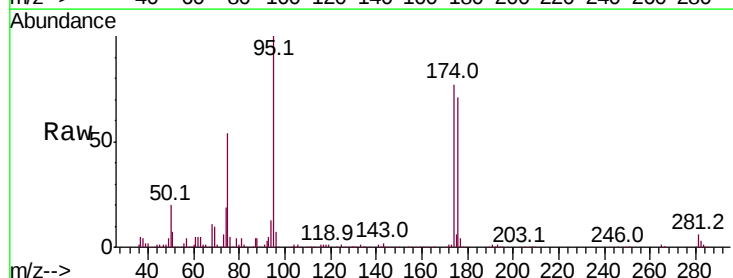
Acq: 21 Sep 2020 16:48

Tgt Ion: 75 Resp: 149467

Ion Ratio Lower Upper

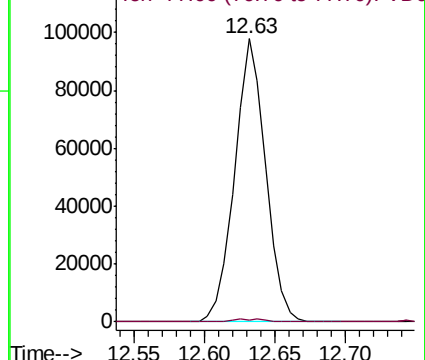
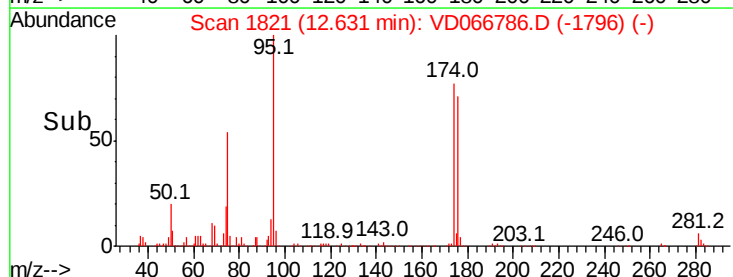
75 100

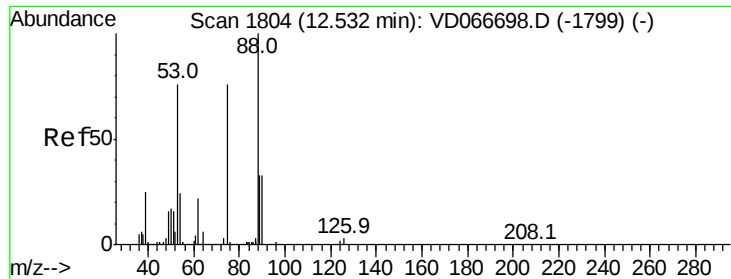
77 0.9 0.0 0.0#



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: 125.325 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066786.D

Acq: 21 Sep 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

SS-10

Tot Ion: 75 Resp: 149467

Ion Ratio Lower Upper

75 100

53 0.2 82.2 123.4#

89 0.2 39.6 59.4#

