

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066486.D
 Acq On : 31 Aug 2020 16:40
 Operator : VA/SY
 Sample : L3847-22
 Misc : 3.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 01 01:02:39 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	170162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	246604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	230289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121566	50.00	ug/l	0.00

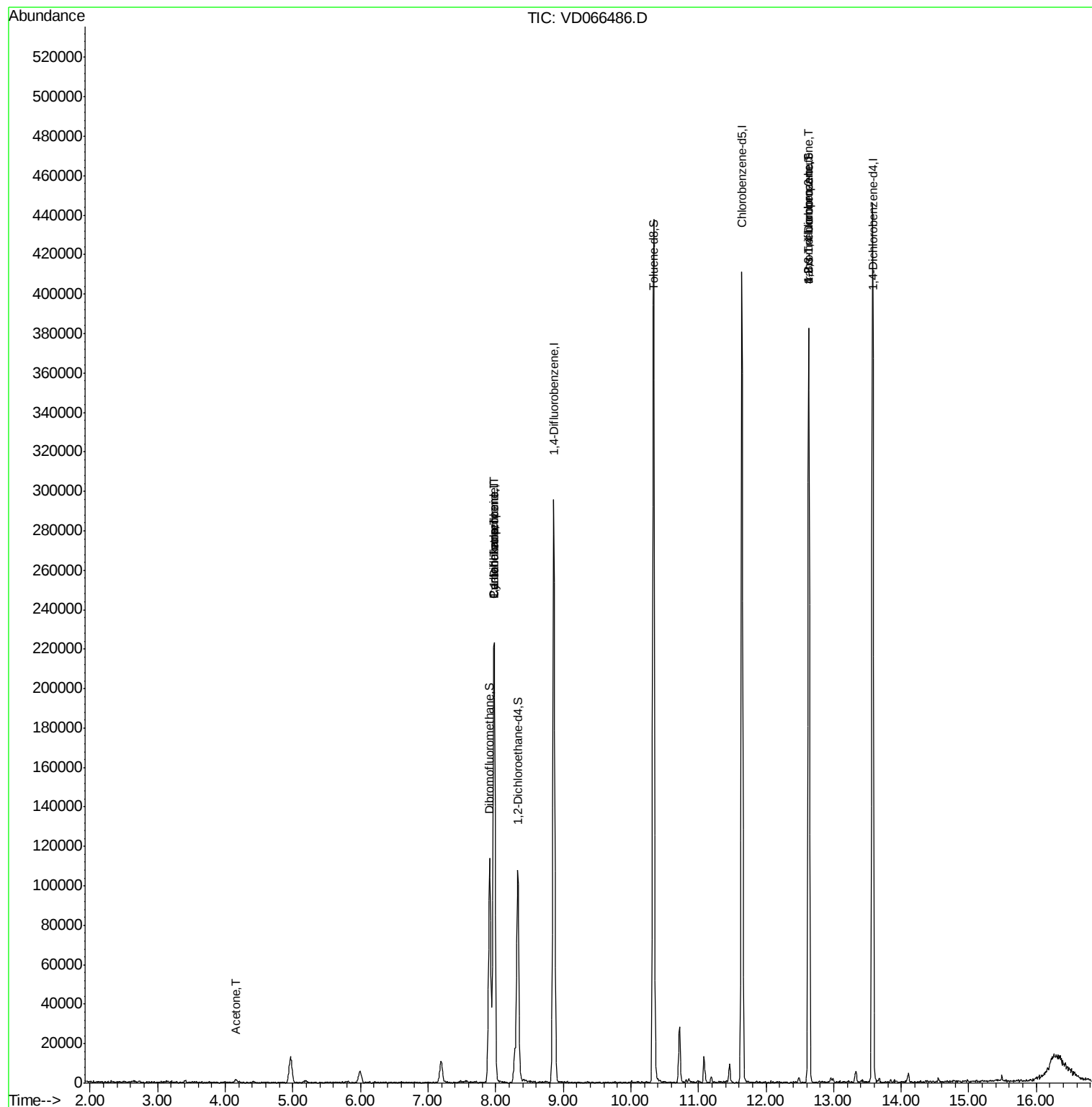
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	95325	57.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.28%	
35) Dibromofluoromethane	7.91	113	76196	49.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.82%	
50) Toluene-d8	10.34	98	290005	51.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.63	95	99446	49.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.34%	

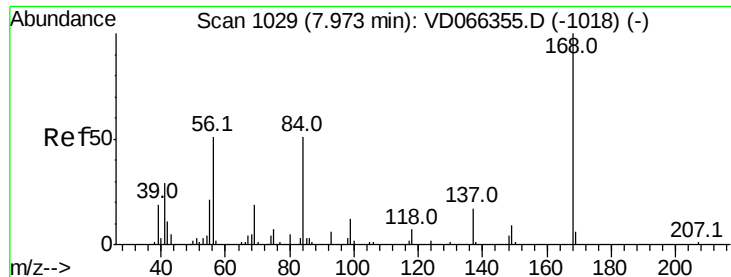
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	436	Below Cal	#	71
16) Acetone	4.16	43	3373	11.215	ug/l #	72
20) Methylene Chloride	4.96	84	10148	Below Cal	#	80
31) Cyclohexane	7.98	56	3840	1.658	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	12801	5.689	ug/l #	53
38) Carbon Tetrachloride	7.98	117	17789	6.068	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	60691	70.965	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	60691	150.636	ug/l #	6

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083120\
Data File : VD066486.D
Acq On : 31 Aug 2020 16:40
Operator : VA/SY
Sample : L3847-22
Misc : 3.79G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 01 01:02:39 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: VD066486.D

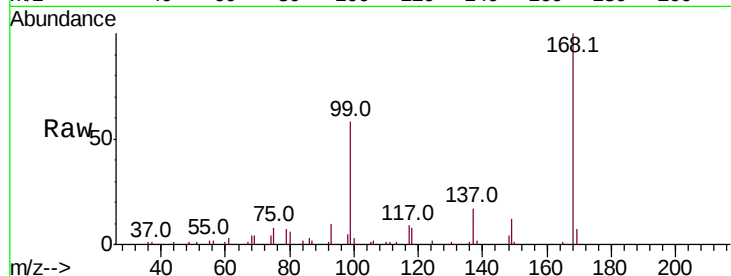
Acq: 31 Aug 2020 16:40

Tot Ion:168 Resp: 170162

Ion Ratio Lower Upper

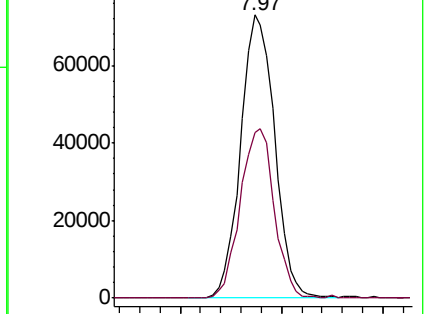
168 100

99 58.5 45.4 68.0

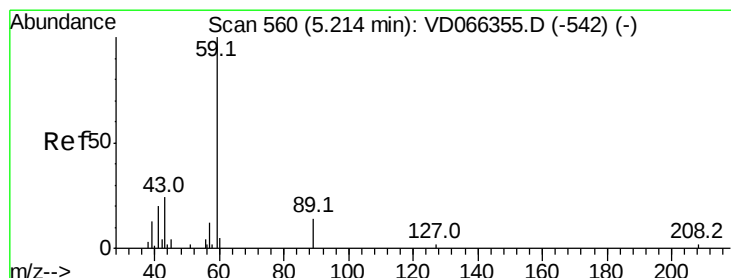
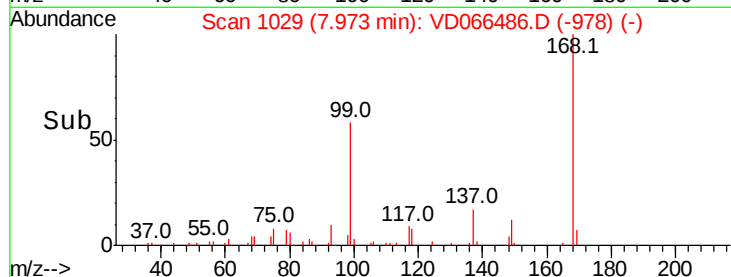


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 554

Delta R.T. -0.03 min

Lab File: VD066486.D

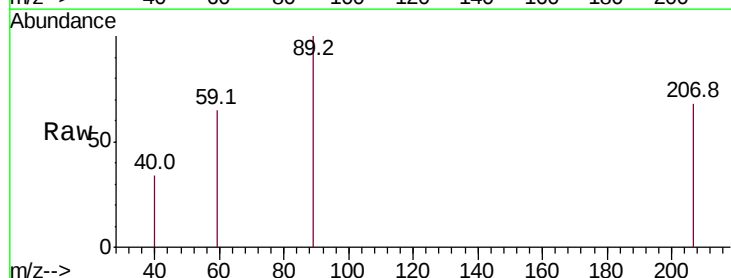
Acq: 31 Aug 2020 16:40

Tgt Ion: 59 Resp: 436

Ion Ratio Lower Upper

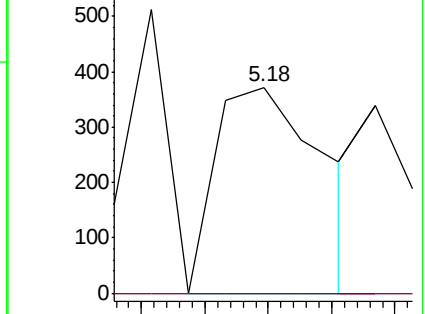
59 100

57 0.0 9.0 13.4#

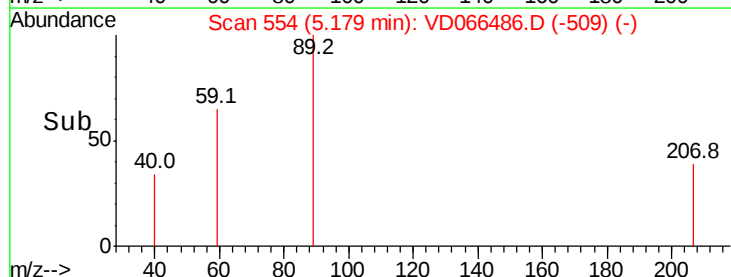


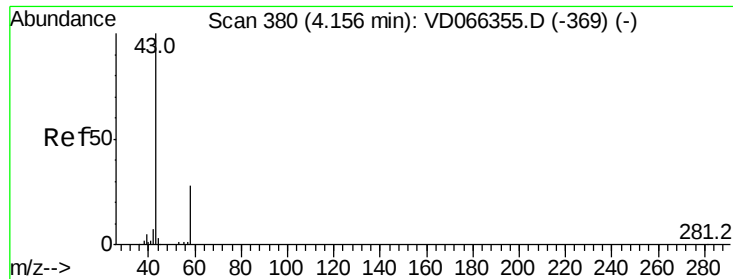
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#16

Acetone

Concen: 11.215 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066486.D

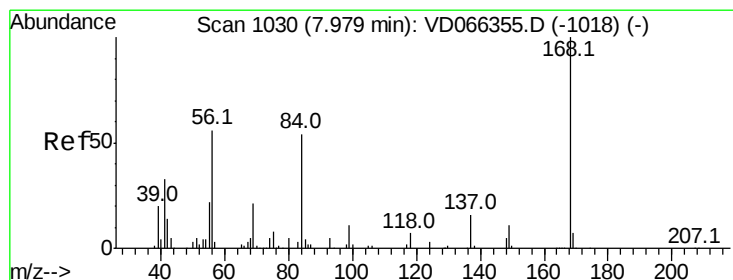
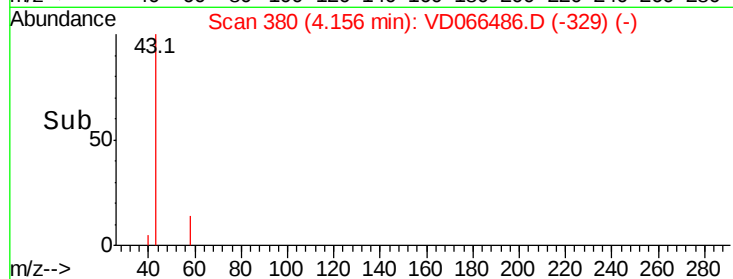
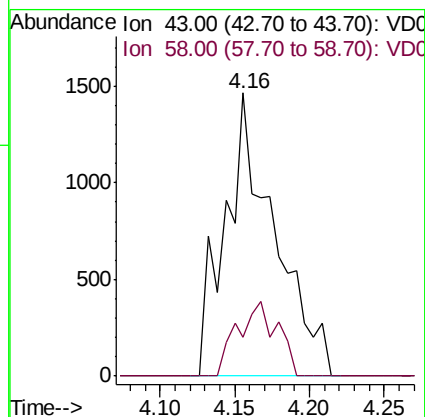
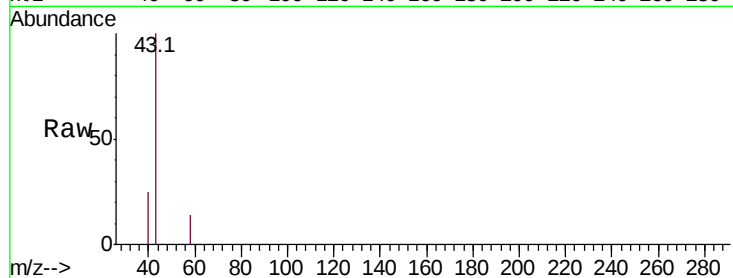
Acq: 31 Aug 2020 16:40

Tot Ion: 43 Resp: 3373

Ion Ratio Lower Upper

43 100

58 13.5 22.7 34.1#



#31

Cyclohexane

Concen: 1.658 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066486.D

Acq: 31 Aug 2020 16:40

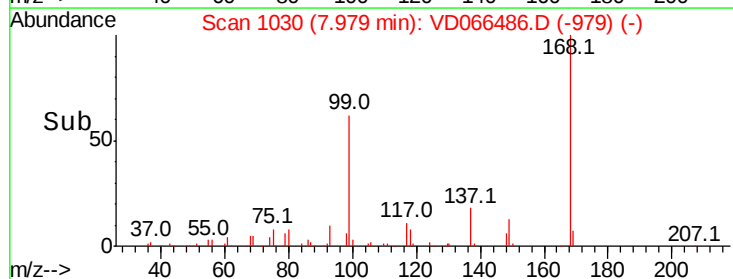
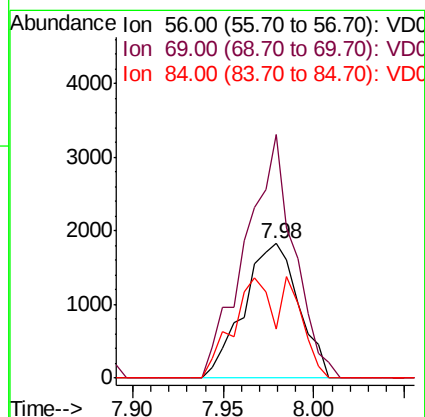
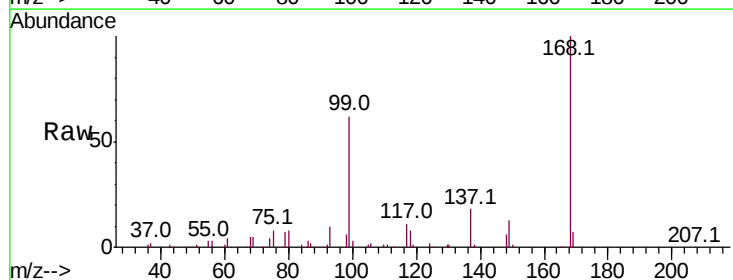
Tgt Ion: 56 Resp: 3840

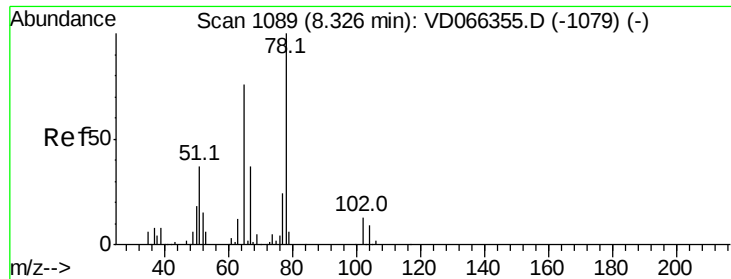
Ion Ratio Lower Upper

56 100

69 181.1 29.6 44.4#

84 36.2 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 57.140 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066486.D

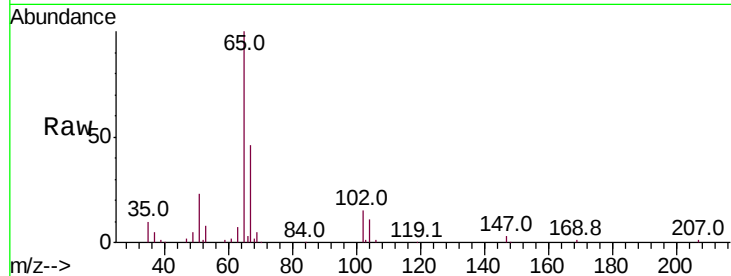
Acq: 31 Aug 2020 16:40

Tot Ion: 65 Resp: 95325

Ion Ratio Lower Upper

65 100

67 46.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

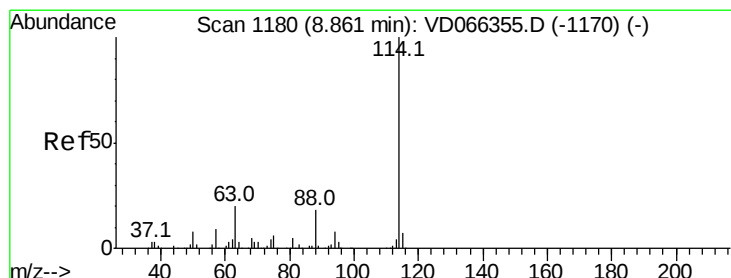
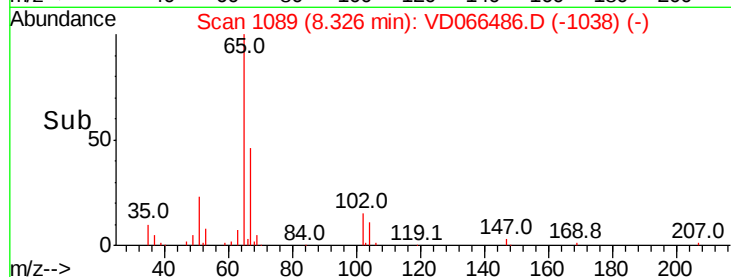
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066486.D

Acq: 31 Aug 2020 16:40

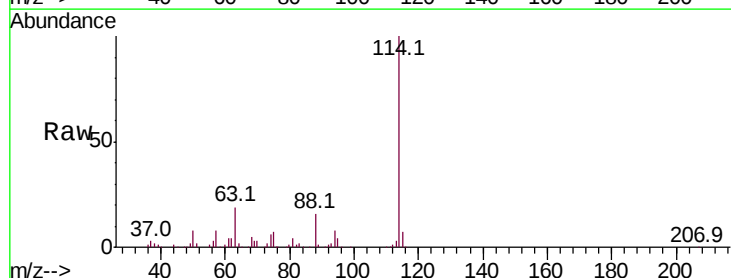
Tgt Ion: 114 Resp: 246604

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 15.9 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

150000

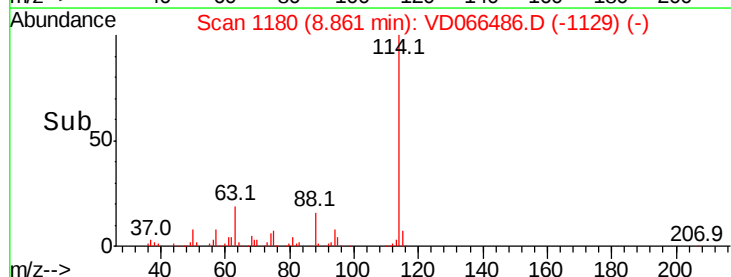
100000

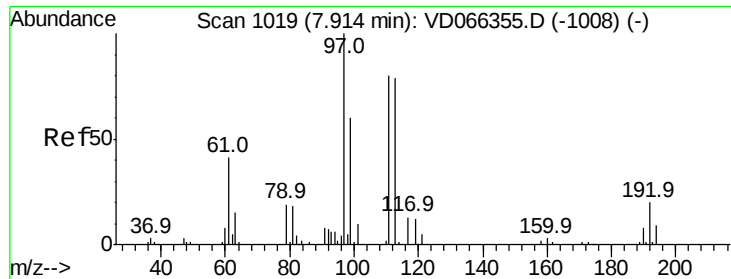
50000

0

8.80 8.85 8.90

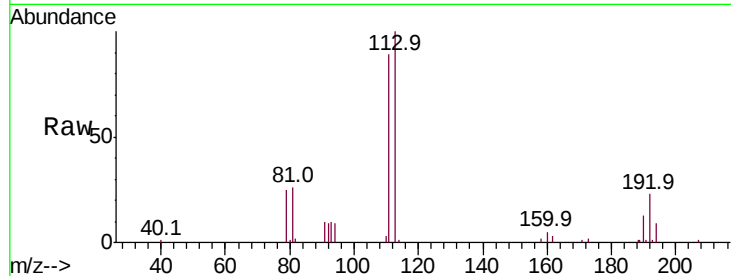
Time-->



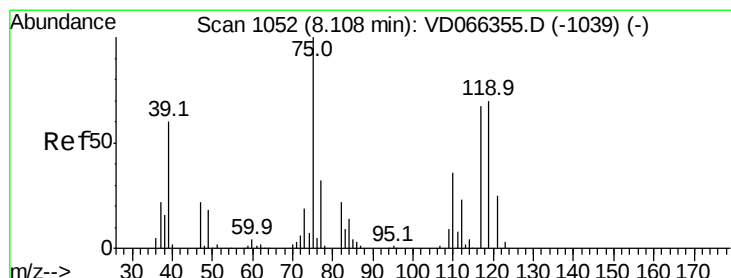
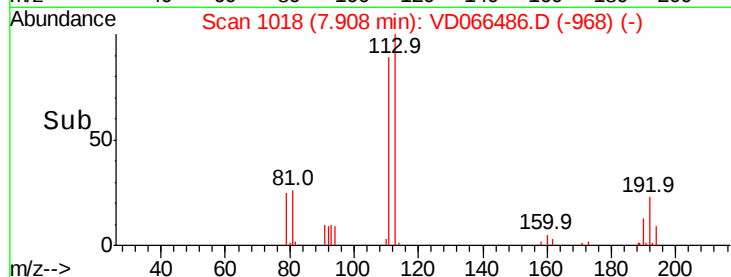
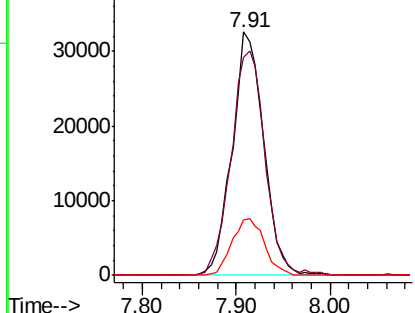


#35
 Dibromofluoromethane
 Concen: 49.412 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066486.D
 Acq: 31 Aug 2020 16:40

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.0	80.3	120.5
192	23.8	19.0	28.6

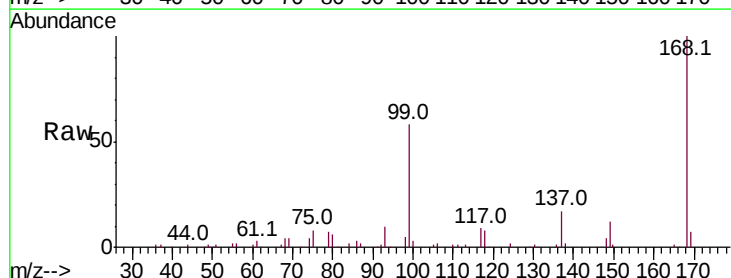


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

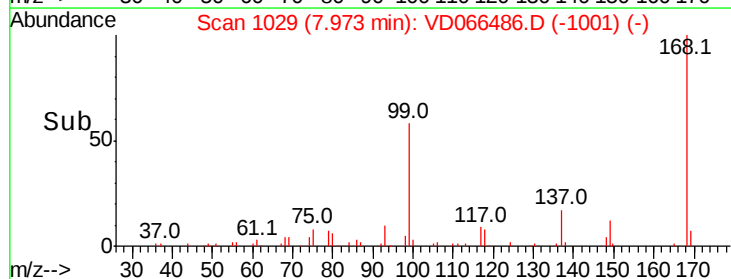
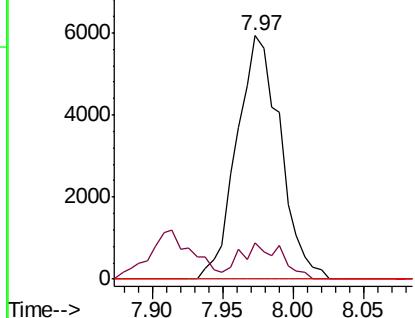


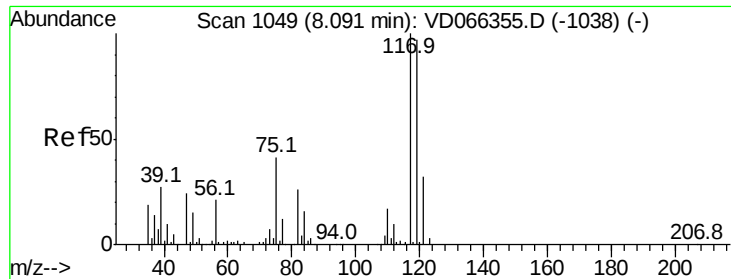
#36
 1,1-Dichloropropene
 Concen: 5.689 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066486.D
 Acq: 31 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	14.2	18.7	56.1#
77	0.0	25.2	37.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.068 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066486.D

Acq: 31 Aug 2020 16:40

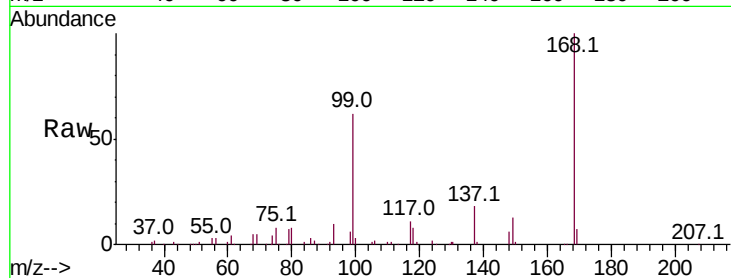
Tot Ion:117 Resp: 17789

Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

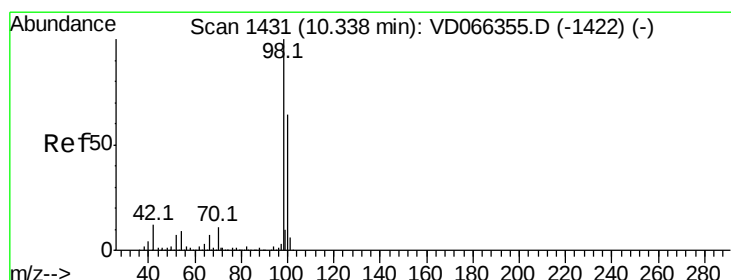
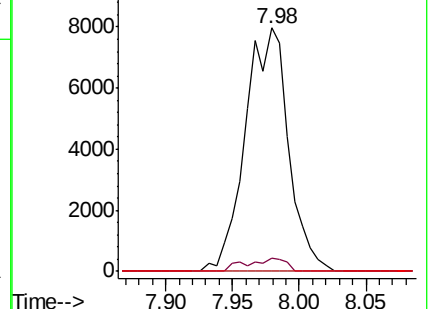
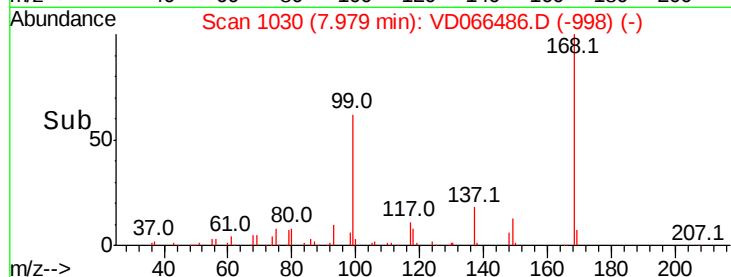
121 0.0 25.8 38.8#



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: 51.400 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066486.D

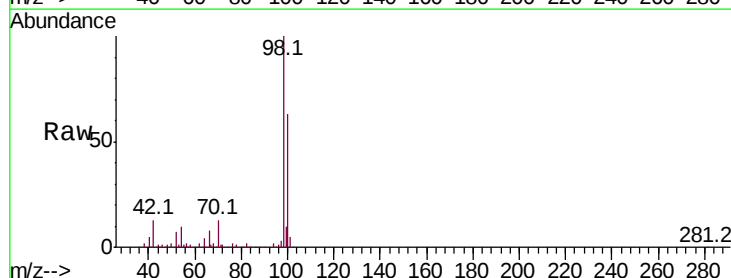
Acq: 31 Aug 2020 16:40

Tgt Ion: 98 Resp: 290005

Ion Ratio Lower Upper

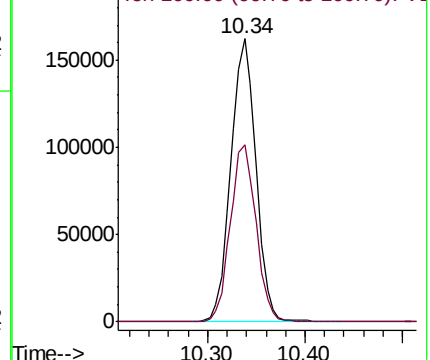
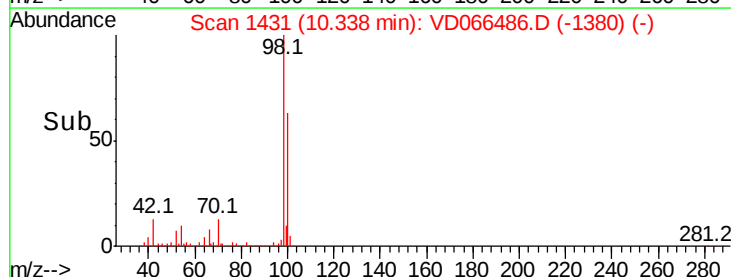
98 100

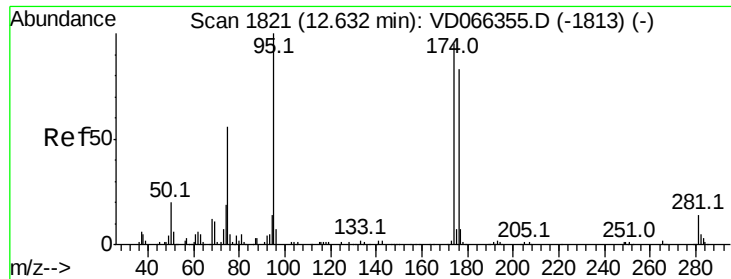
100 63.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.672 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066486.D

Acq: 31 Aug 2020 16:40

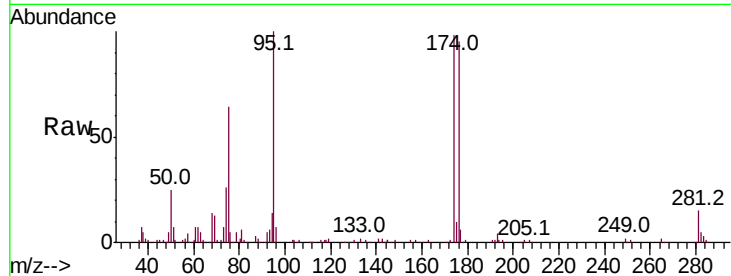
Tot Ion: 95 Resp: 99446

Ion Ratio Lower Upper

95 100

174 96.3 0.0 183.4

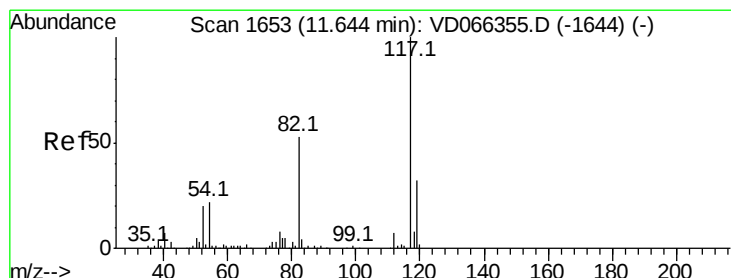
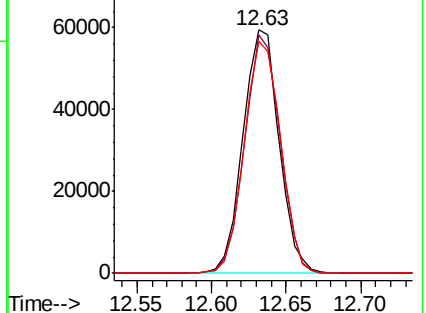
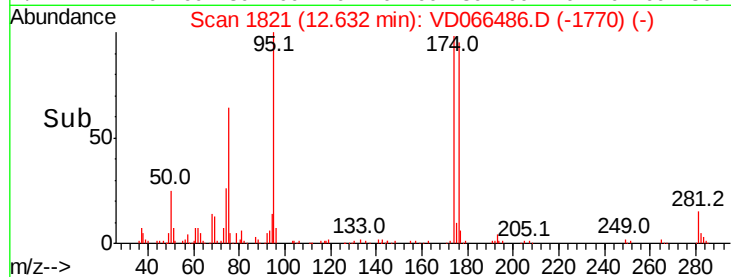
176 95.8 0.0 173.8



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: VD066486.D

Acq: 31 Aug 2020 16:40

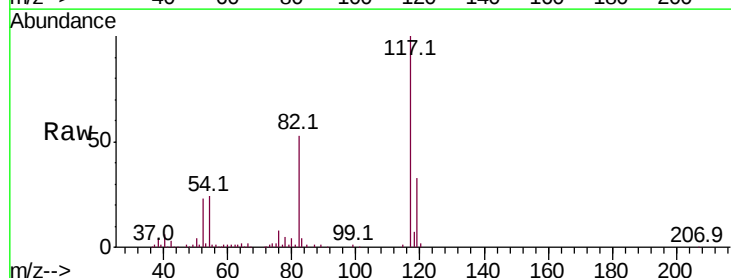
Tgt Ion: 117 Resp: 230289

Ion Ratio Lower Upper

117 100

82 52.6 42.8 64.2

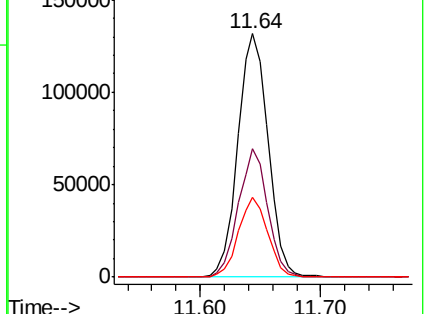
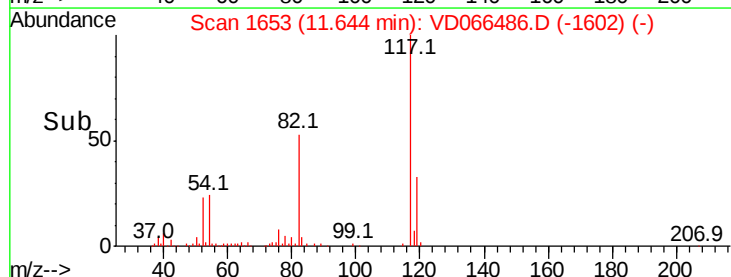
119 33.0 25.8 38.8

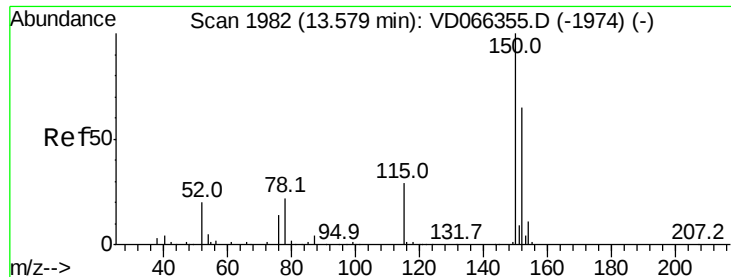


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

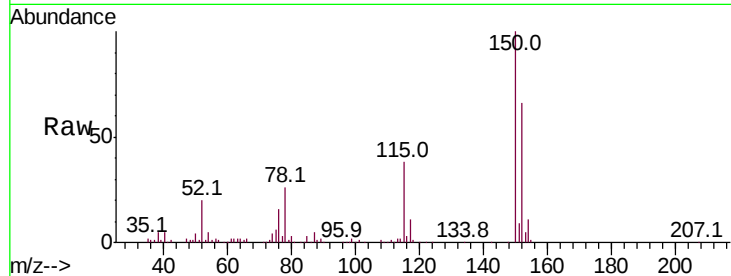




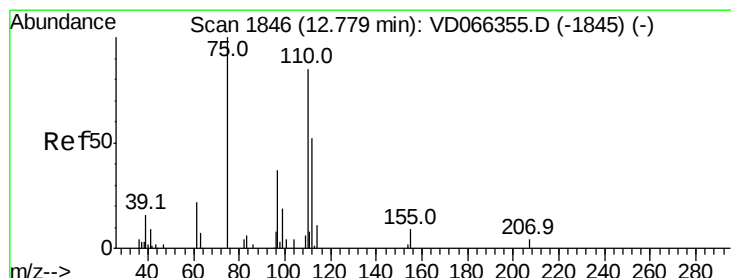
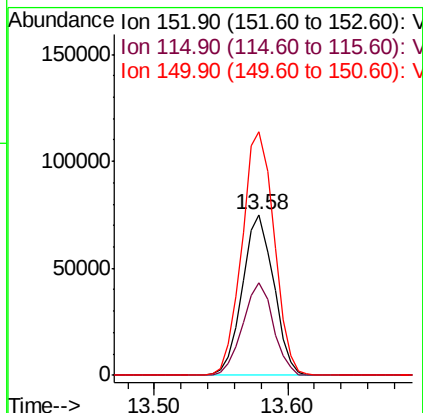
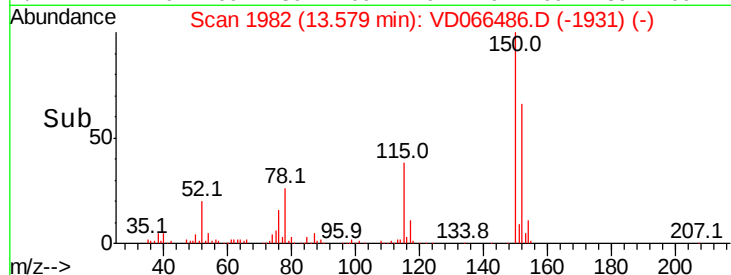
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066486.D
Acq: 31 Aug 2020 16:40

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.3	85.0
150	155.7	0.0	343.2



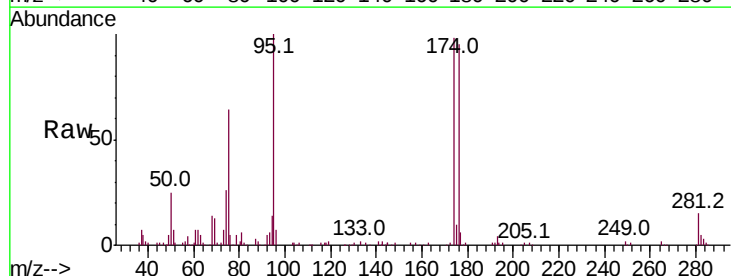
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



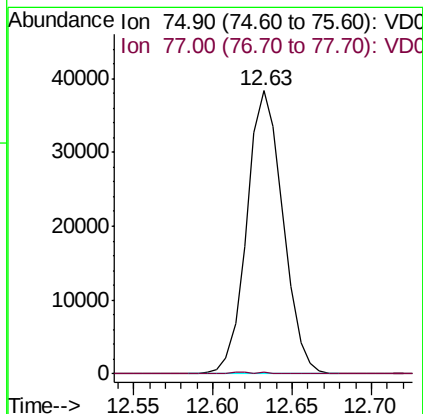
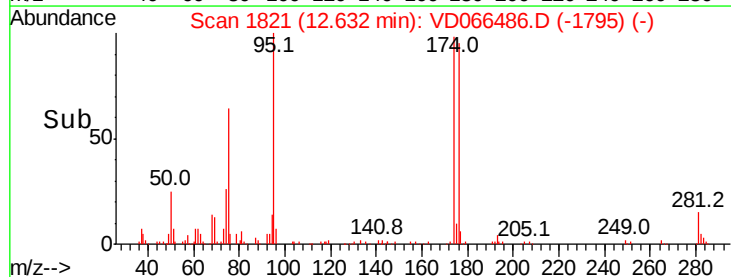
#76

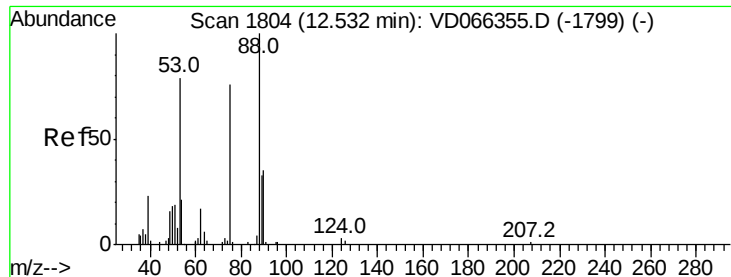
1,2,3-Trichloropropane
Concen: 70.965 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066486.D
Acq: 31 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.4	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: 150.636 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066486.D
 Acq: 31 Aug 2020 16:40

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.4	131.2#
89	0.1	39.4	59.0#

