

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066488.D
 Acq On : 31 Aug 2020 17:34
 Operator : VA/SY
 Sample : L3847-26
 Misc : 2.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

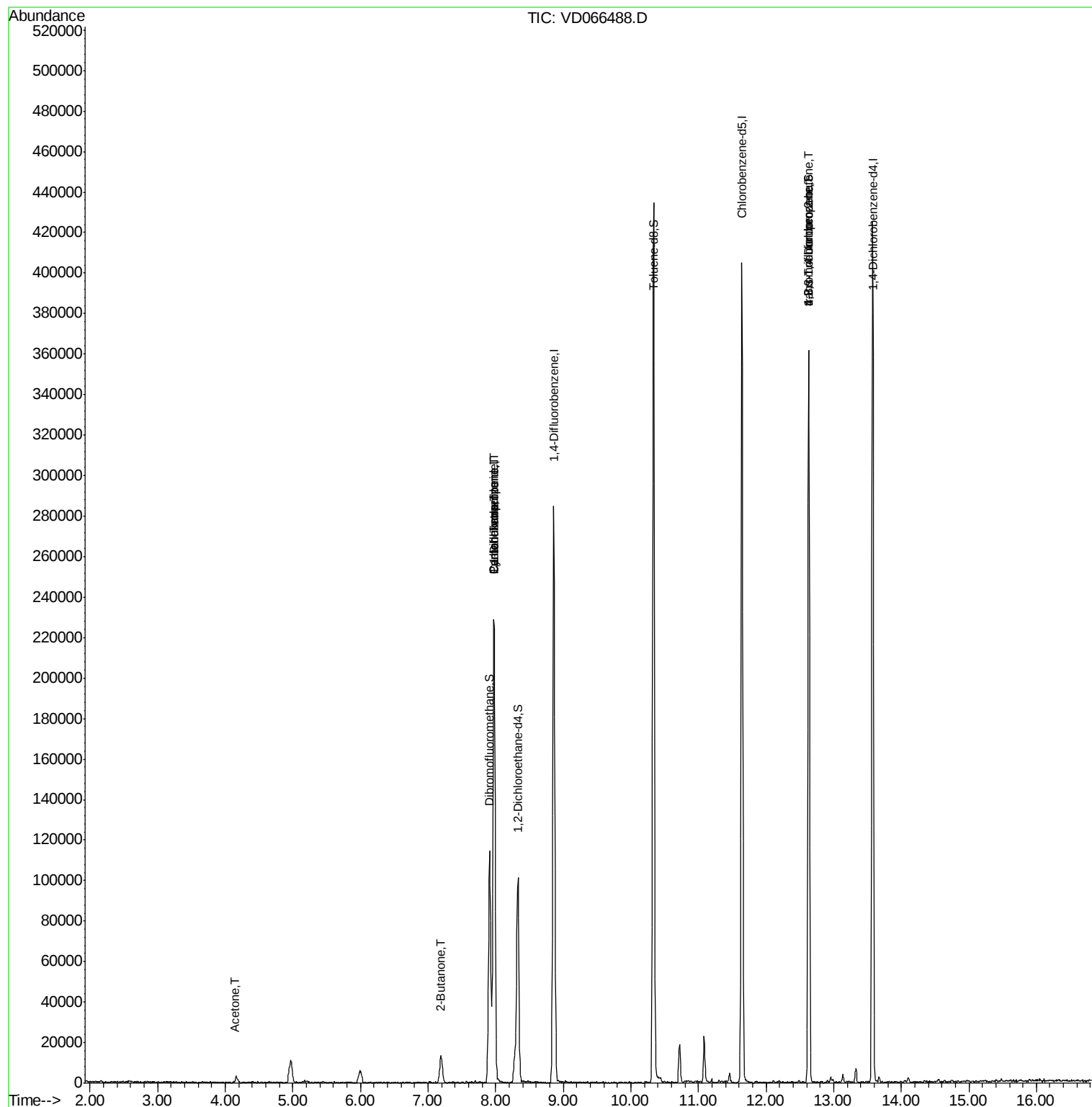
Quant Time: Sep 01 01:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

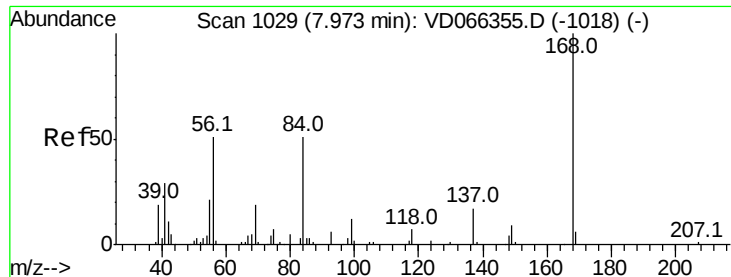
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	169778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	239500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	225496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	115455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	94284	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.91	113	74650	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.34	98	286424	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.63	95	98586	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
Target Compounds						
11) Tert butyl alcohol	5.22	59	338	Below Cal	#	71
16) Acetone	4.15	43	4938	16.455	ug/l	96
20) Methylene Chloride	4.97	84	9453	Below Cal	#	83
25) 2-Butanone	7.18	43	589	1.729	ug/l #	47
31) Cyclohexane	7.98	56	3676	1.591	ug/l #	15
36) 1,1-Dichloropropene	7.98	75	11828	5.413	ug/l #	53
38) Carbon Tetrachloride	7.97	117	18495	6.496	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	57962	71.361	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	57962	151.477	ug/l #	6

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

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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: VD066488.D

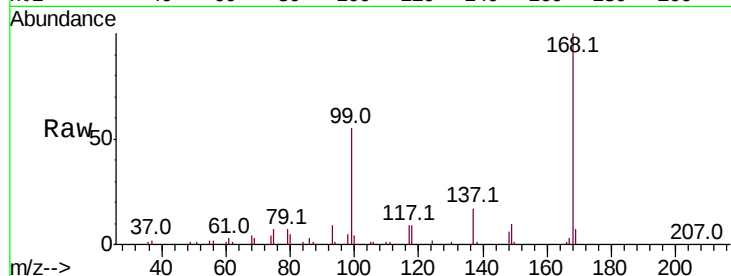
Acq: 31 Aug 2020 17:34

Tot Ion:168 Resp: 169778

Ion Ratio Lower Upper

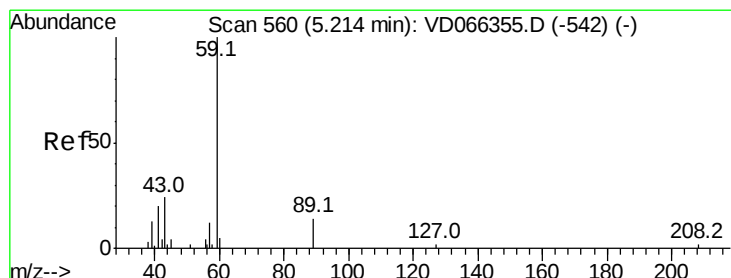
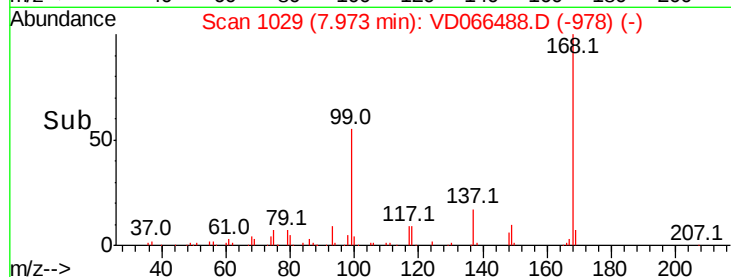
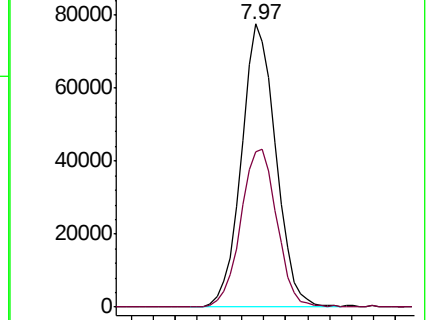
168 100

99 54.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD066488.D

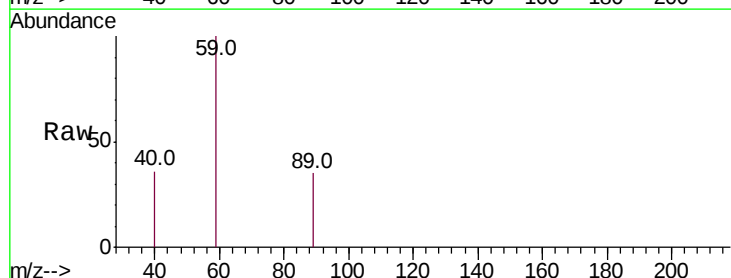
Acq: 31 Aug 2020 17:34

Tgt Ion: 59 Resp: 338

Ion Ratio Lower Upper

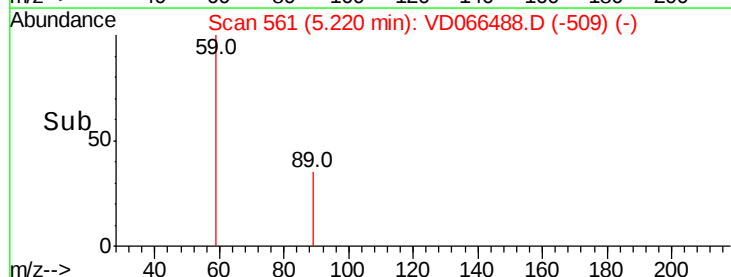
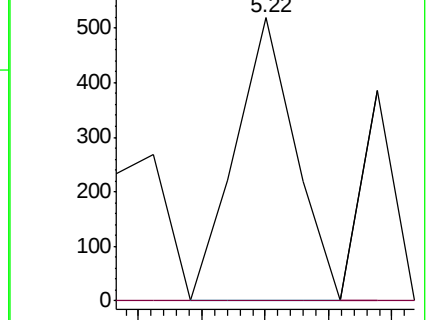
59 100

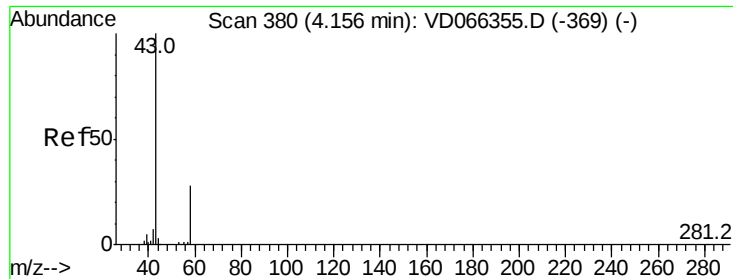
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 16.455 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066488.D

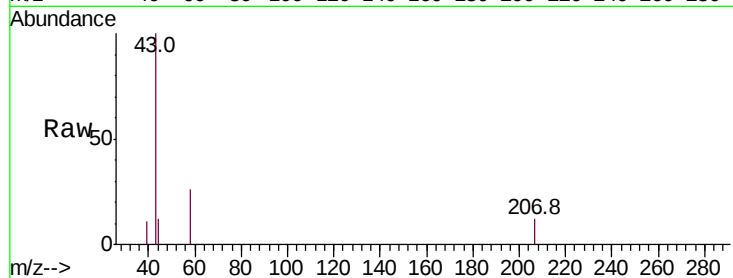
Acq: 31 Aug 2020 17:34

Tot Ion: 43 Resp: 4938

Ion Ratio Lower Upper

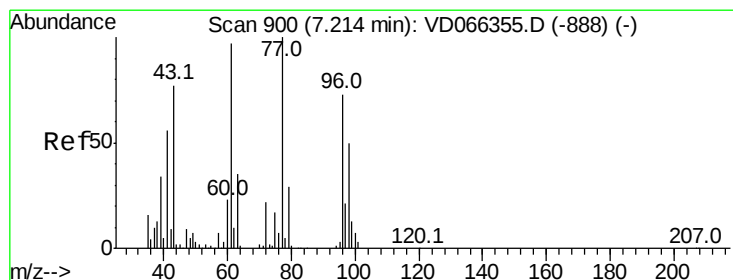
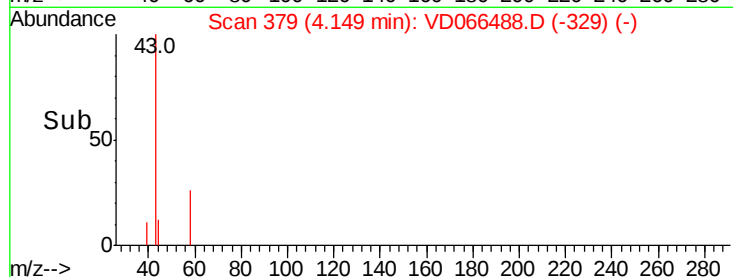
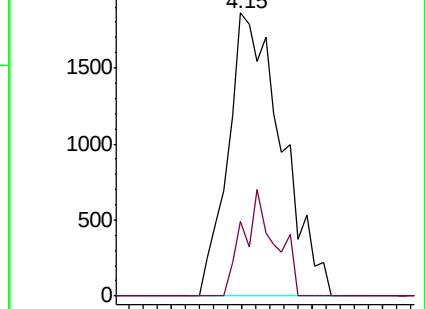
43 100

58 26.5 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 1.729 ug/l

RT: 7.18 min Scan# 894

Delta R.T. -0.04 min

Lab File: VD066488.D

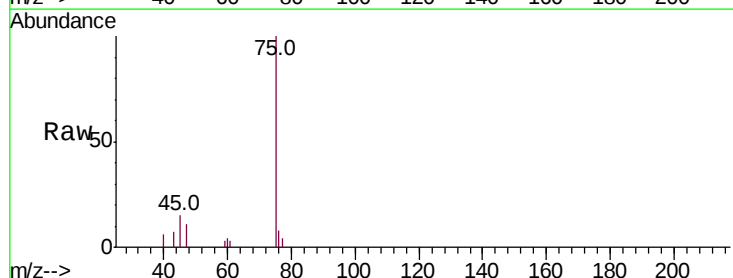
Acq: 31 Aug 2020 17:34

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

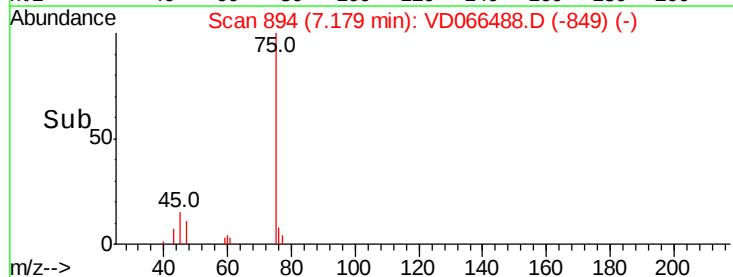
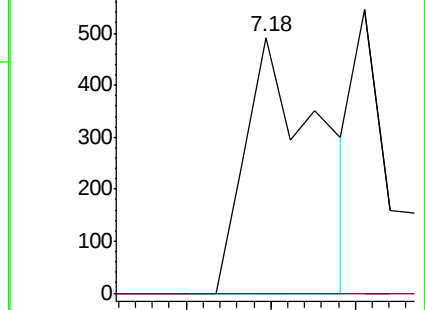
43 100

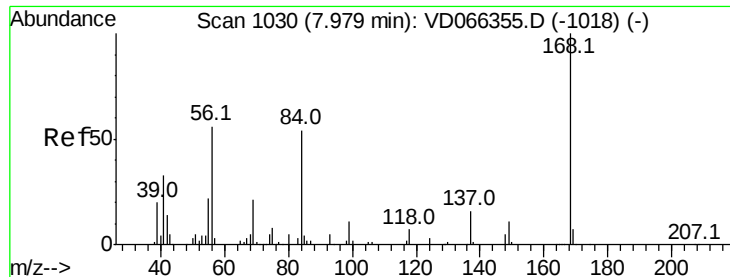
72 0.0 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

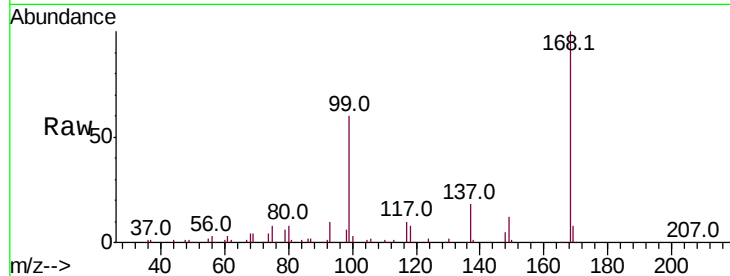
Ion 72.00 (71.70 to 72.70): VDC



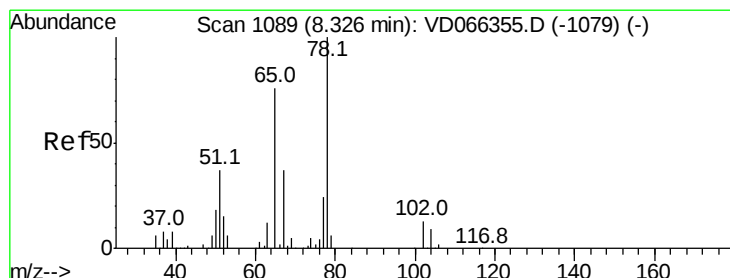
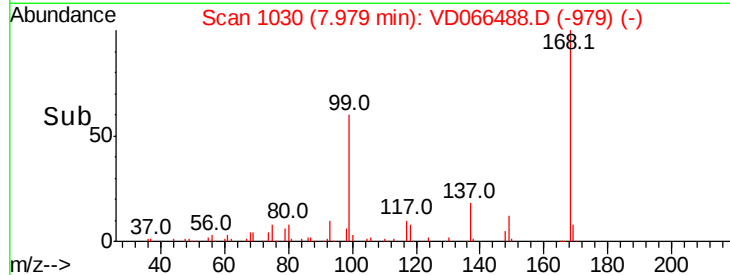
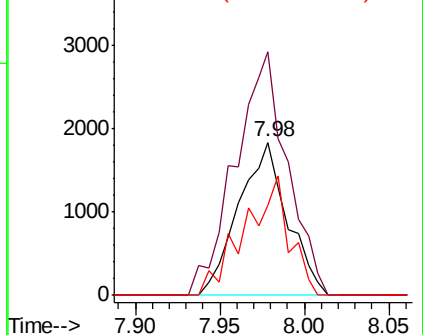


#31
Cyclohexane
Concen: 1.591 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066488.D
Acq: 31 Aug 2020 17:34

Tot Ion: 56 Resp: 3676
Ion Ratio Lower Upper
56 100
69 159.4 29.6 44.4#
84 58.8 76.6 115.0#

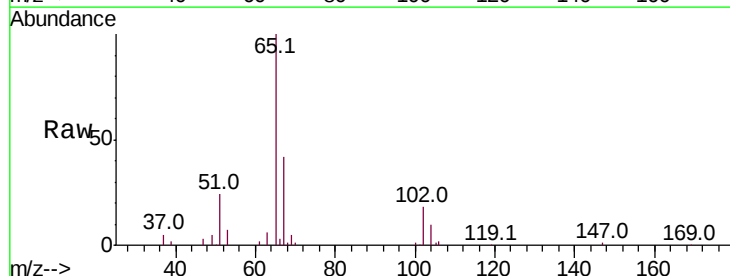


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

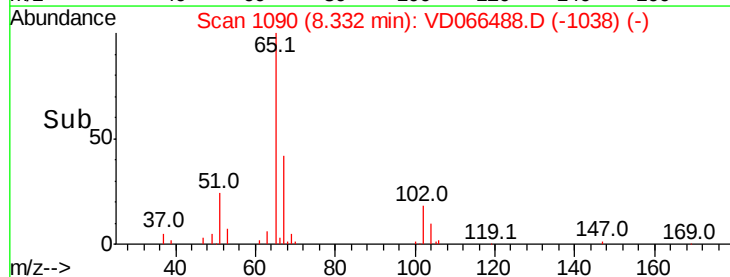
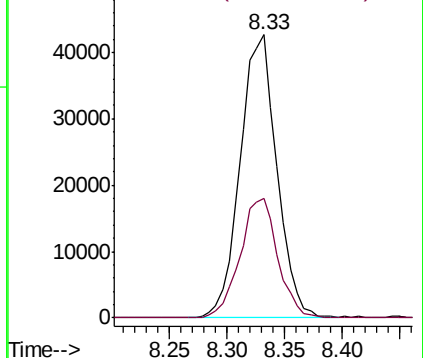


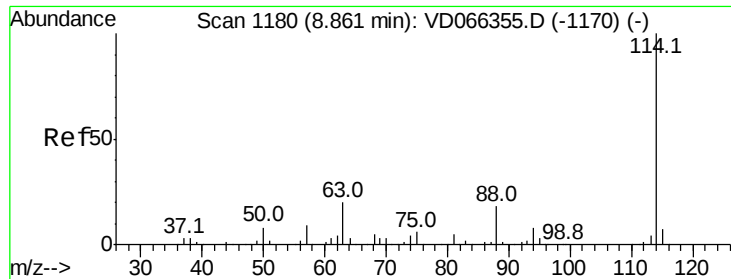
#33
1,2-Dichloroethane-d4
Concen: 56.644 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VD066488.D
Acq: 31 Aug 2020 17:34

Tgt Ion: 65 Resp: 94284
Ion Ratio Lower Upper
65 100
67 43.3 0.0 101.6



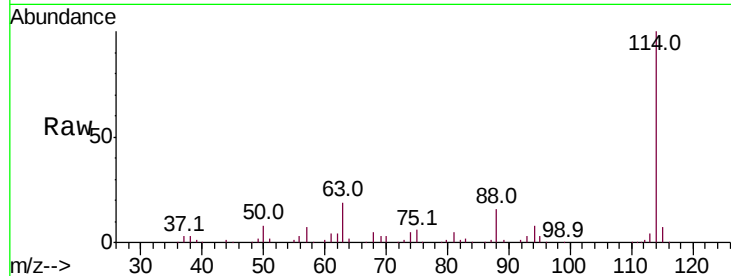
Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC



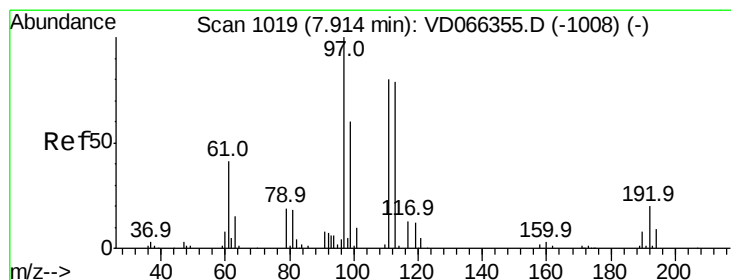
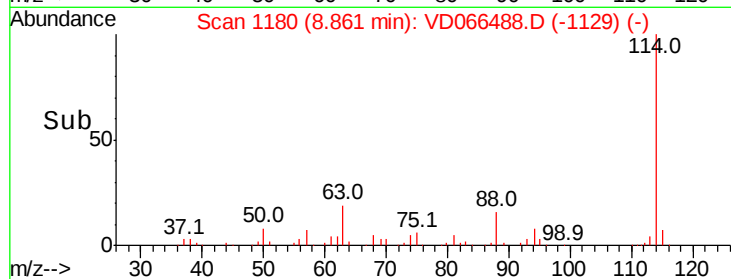
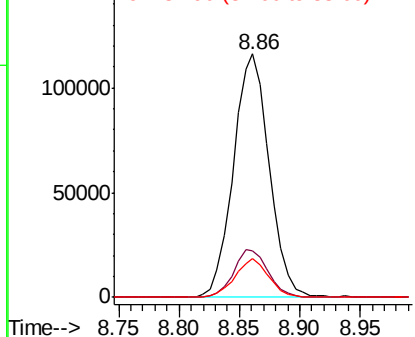


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066488.D
 Acq: 31 Aug 2020 17:34

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	16.1	0.0	35.4

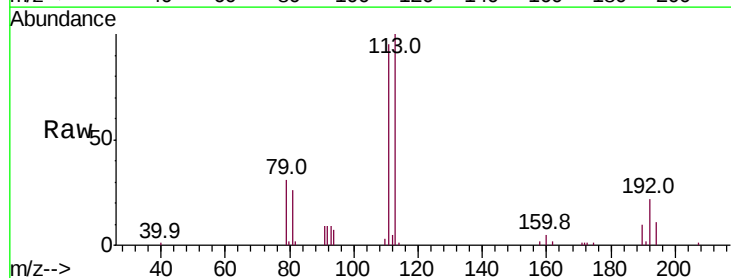


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

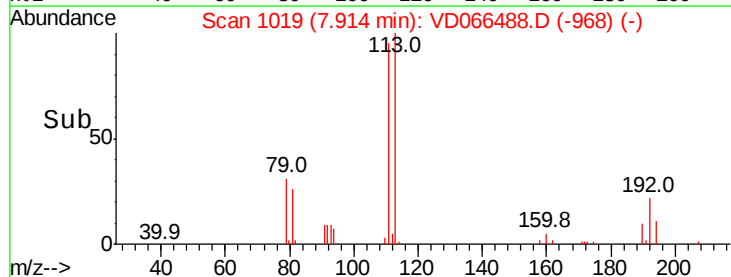
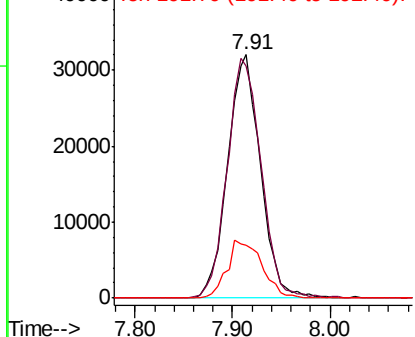


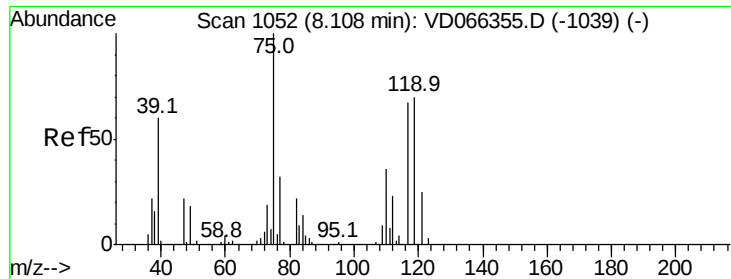
#35
 Dibromofluoromethane
 Concen: 49.846 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066488.D
 Acq: 31 Aug 2020 17:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.3	120.5
192	25.0	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: 5.413 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066488.D

Acq: 31 Aug 2020 17:34

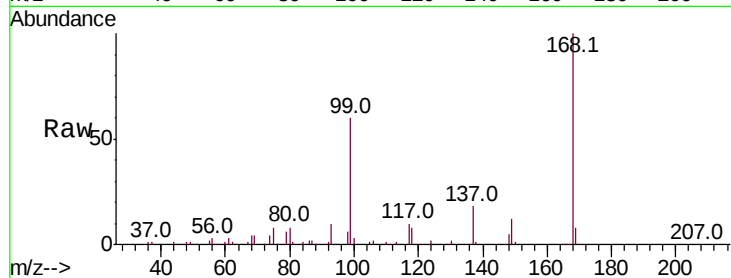
Tot Ion: 75 Resp: 11828

Ion Ratio Lower Upper

75 100

110 14.1 18.7 56.1#

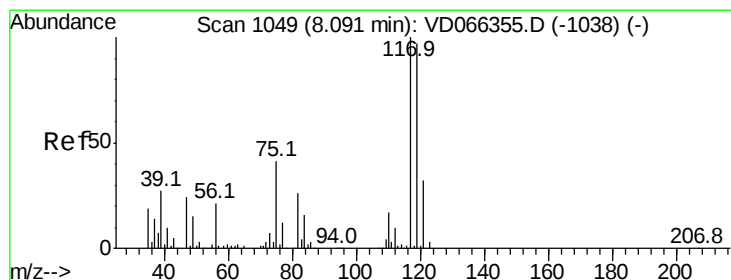
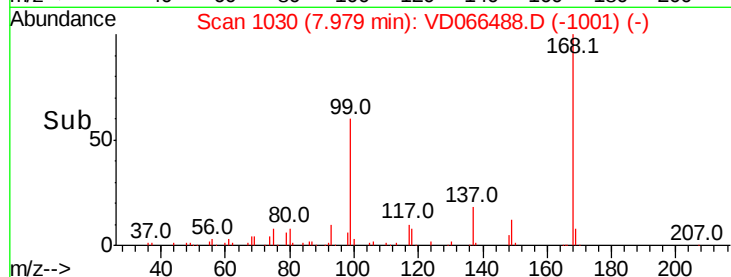
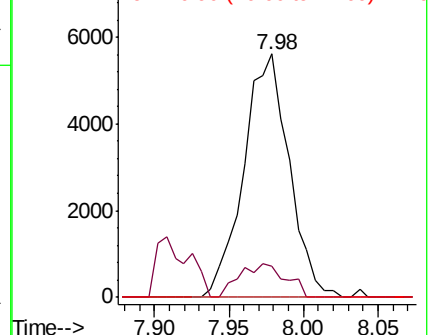
77 0.0 25.2 37.8#



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: 6.496 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.12 min

Lab File: VD066488.D

Acq: 31 Aug 2020 17:34

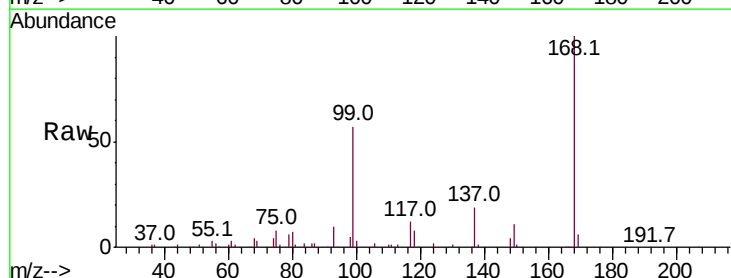
Tgt Ion: 117 Resp: 18495

Ion Ratio Lower Upper

117 100

119 3.8 77.2 115.8#

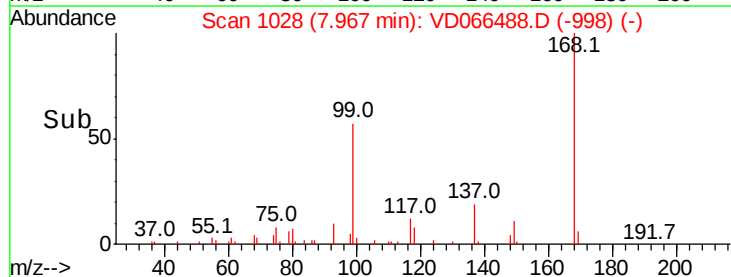
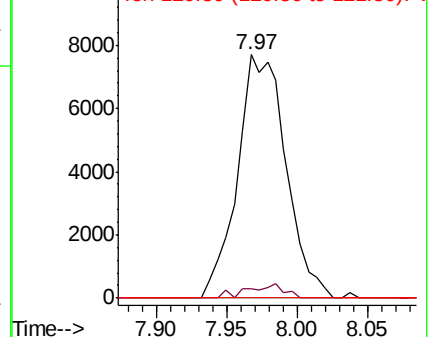
121 0.0 25.8 38.8#

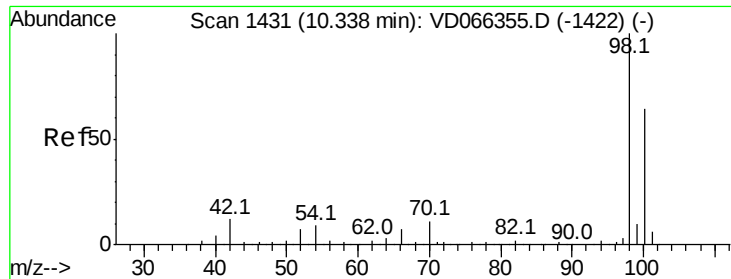


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.271 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066488.D

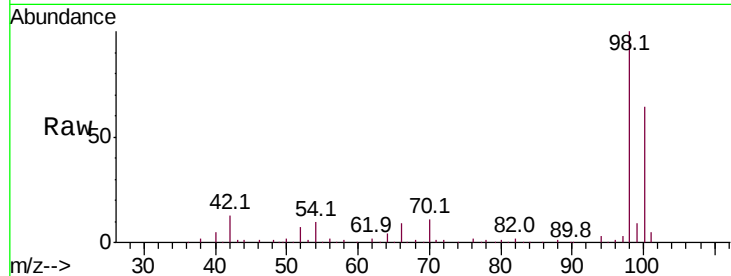
Acq: 31 Aug 2020 17:34

Tot Ion: 98 Resp: 286424

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

150000

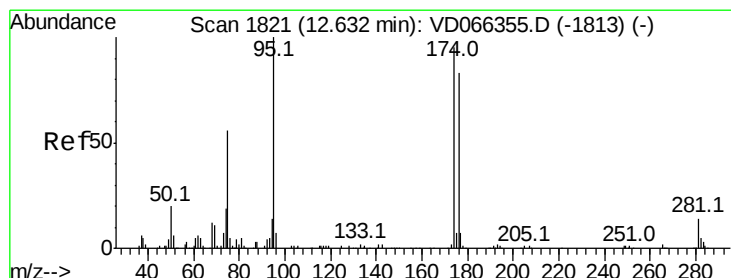
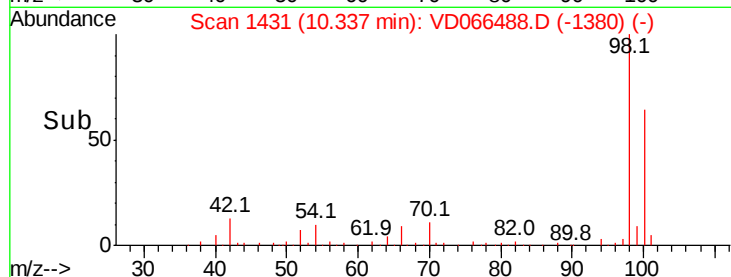
100000

50000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 50.703 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066488.D

Acq: 31 Aug 2020 17:34

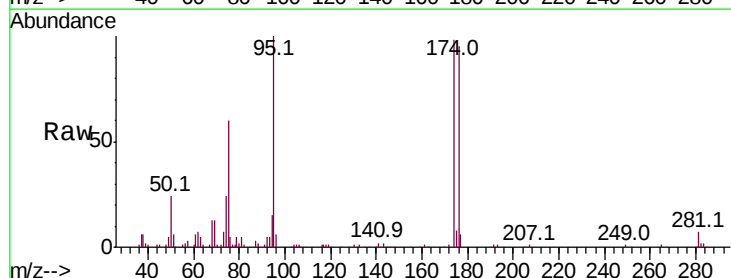
Tgt Ion: 95 Resp: 98586

Ion Ratio Lower Upper

95 100

174 97.8 0.0 183.4

176 94.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.63

80000

60000

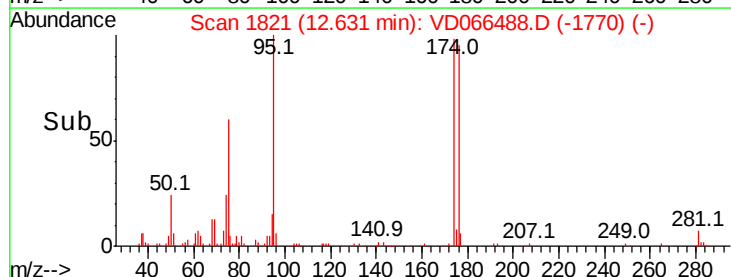
40000

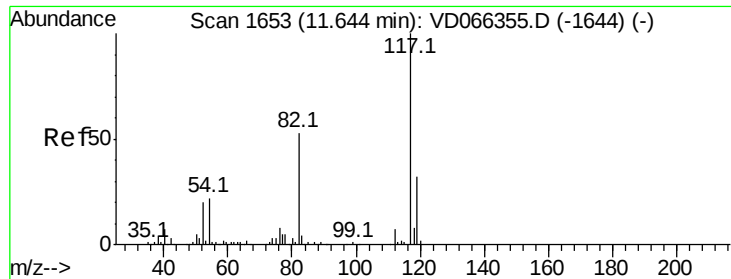
20000

0

Time-->

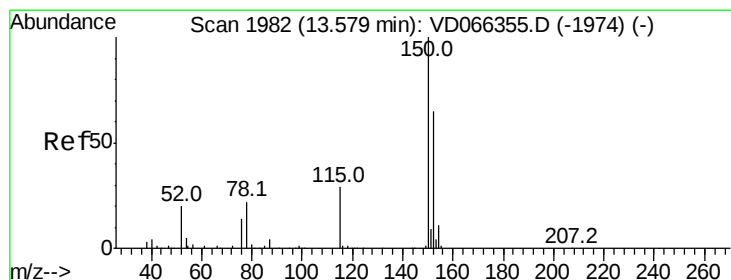
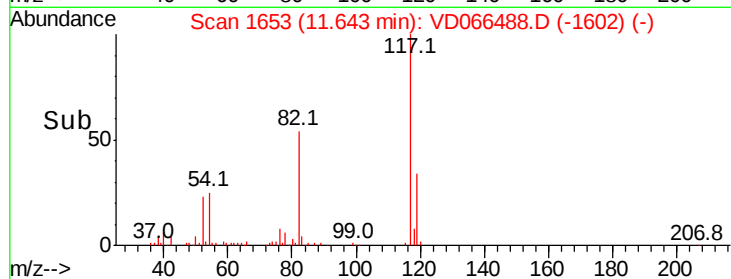
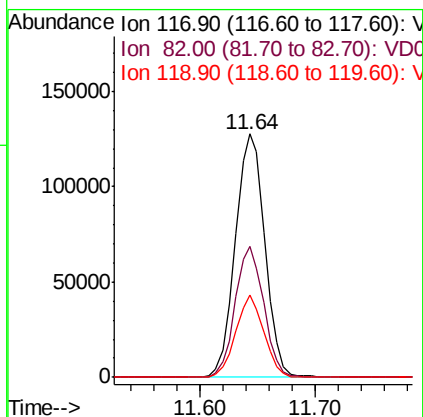
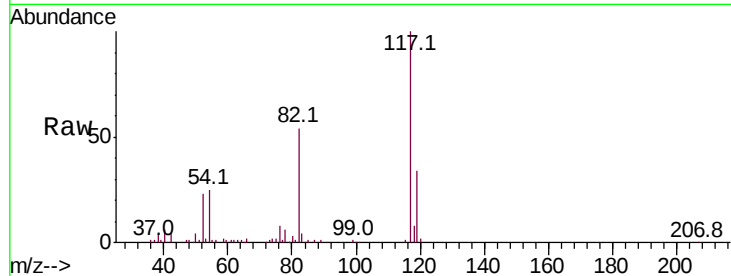
12.55 12.60 12.65 12.70





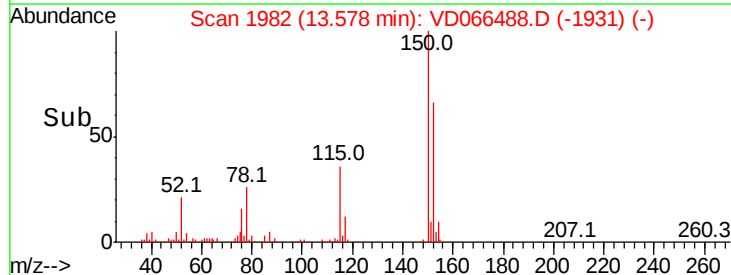
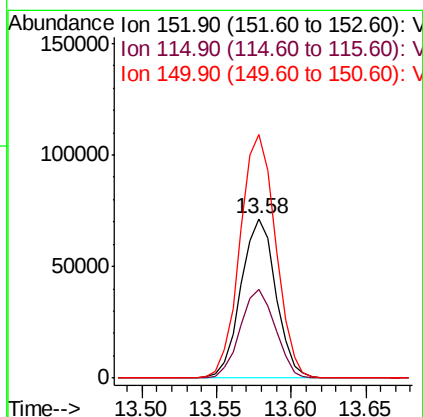
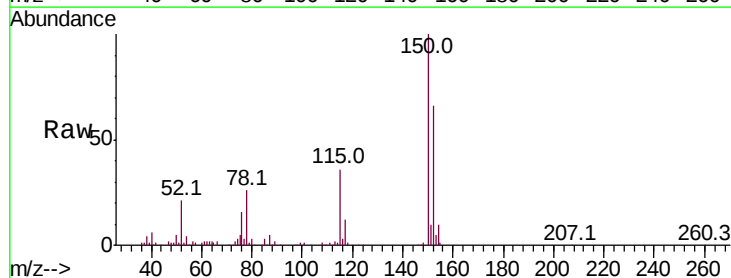
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066488.D
Acq: 31 Aug 2020 17:34

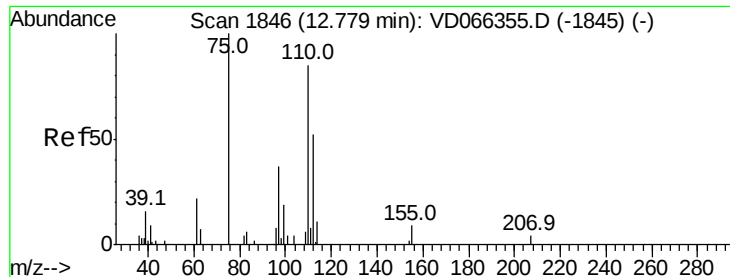
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	33.7	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066488.D
Acq: 31 Aug 2020 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.3	85.0
150	156.4	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 71.361 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066488.D

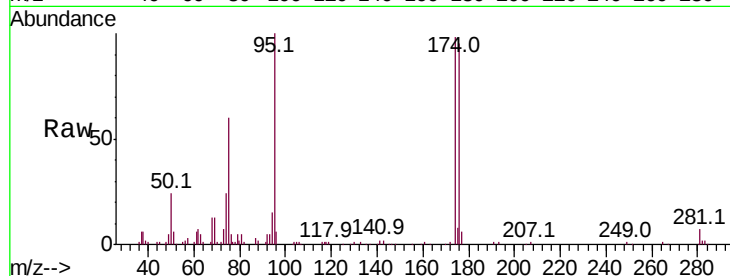
Acq: 31 Aug 2020 17:34

Tot Ion: 75 Resp: 57962

Ion Ratio Lower Upper

75 100

77 0.7 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

40000

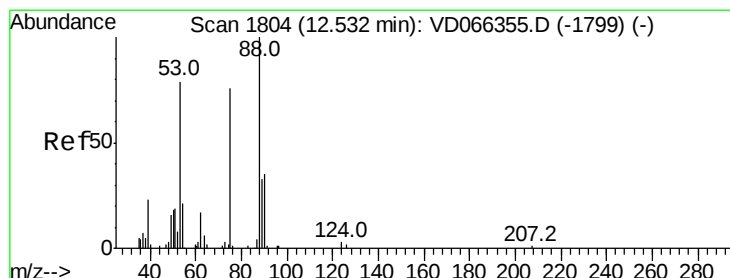
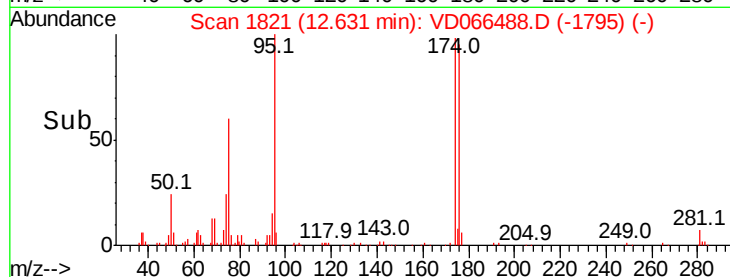
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 151.477 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066488.D

Acq: 31 Aug 2020 17:34

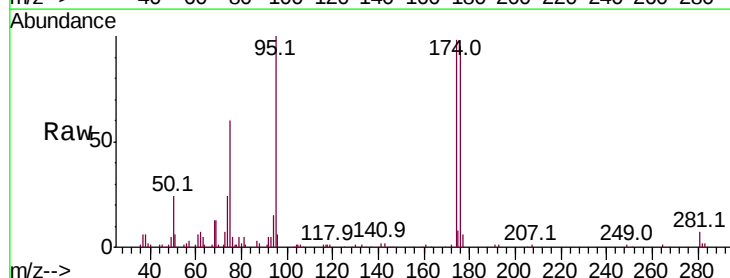
Tgt Ion: 75 Resp: 57962

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 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

50000

40000

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

