

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092320\
 Data File : VD066837.D
 Acq On : 23 Sep 2020 16:33
 Operator : VA/SY
 Sample : L3871-25RE
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-092320

Quant Time: Sep 23 18:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

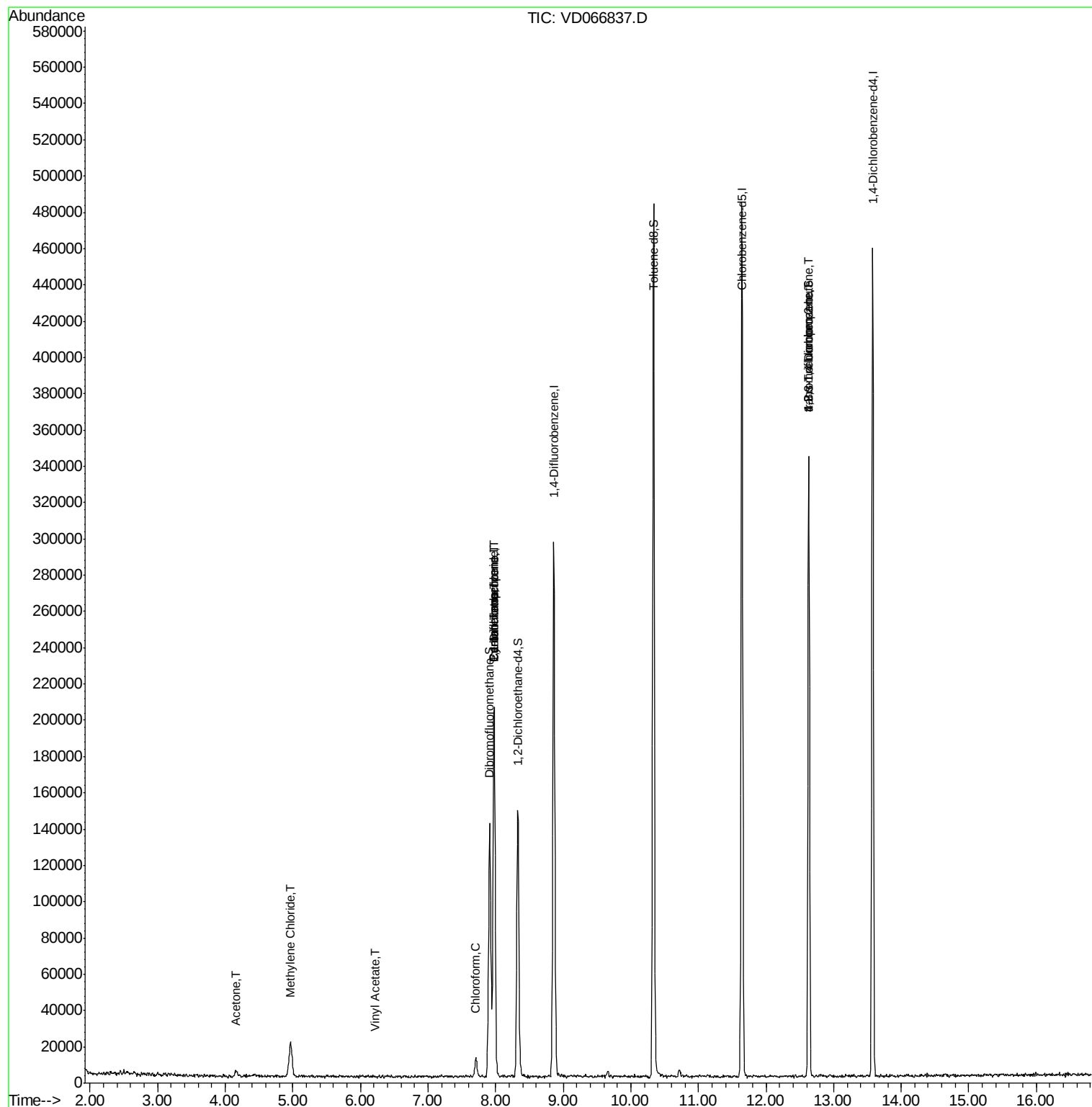
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	143677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	250118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	274051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117271	83.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.78%	
35) Dibromofluoromethane	7.91	113	102598	64.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.96%	
50) Toluene-d8	10.34	98	312537	57.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.30%	
62) 4-Bromofluorobenzene	12.63	95	109120	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
Target Compounds						
16) Acetone	4.16	43	6251	20.954	ug/l	93
18) Methyl Acetate	4.74	43	76	Below Cal	#	50
20) Methylene Chloride	4.96	84	16033	4.682	ug/l #	81
23) Vinyl Acetate	6.21	43	55	2.695	ug/l #	71
30) Chloroform	7.71	83	9873	3.223	ug/l	94
31) Cyclohexane	7.98	56	3606	1.410	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	11765	4.741	ug/l #	45
38) Carbon Tetrachloride	7.98	117	15879	5.853	ug/l #	16
49) 1,4-Dioxane	9.46	88	55	Below Cal	#	23
76) 1,2,3-Trichloropropane	12.63	75	57299	57.840	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	57299	144.710	ug/l #	10

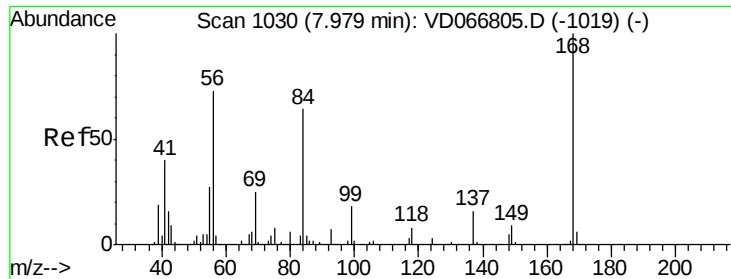
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066837.D

Acq: 23 Sep 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

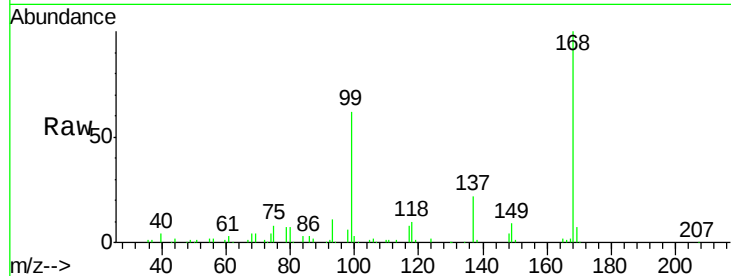
TR-04-092320

Tgt Ion:168 Resp: 143677

Ion Ratio Lower Upper

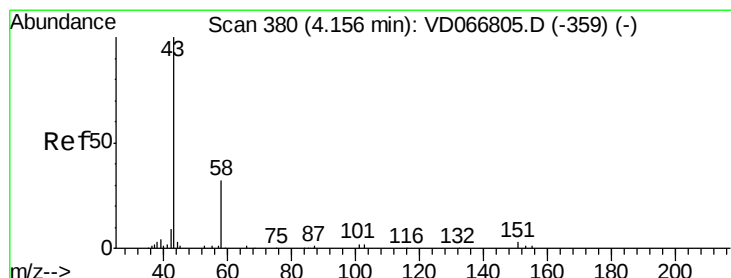
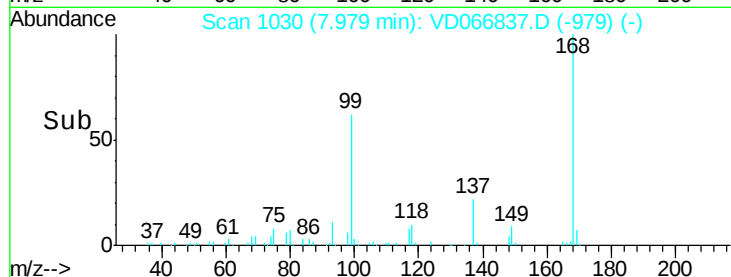
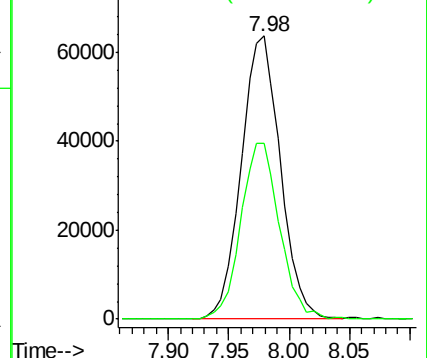
168 100

99 62.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 20.954 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066837.D

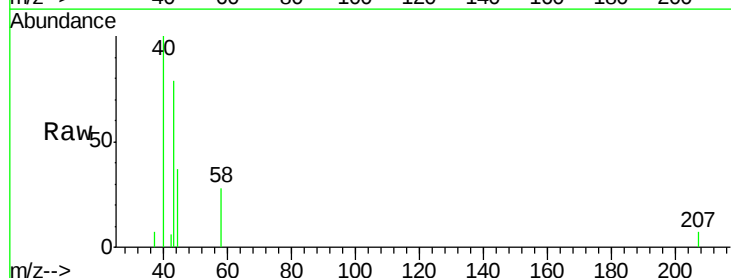
Acq: 23 Sep 2020 16:33

Tgt Ion: 43 Resp: 6251

Ion Ratio Lower Upper

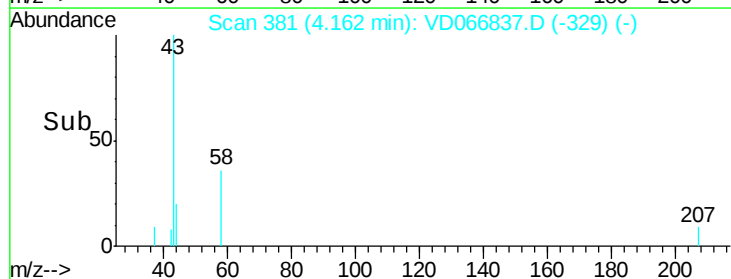
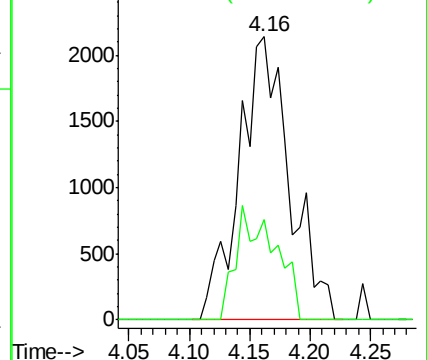
43 100

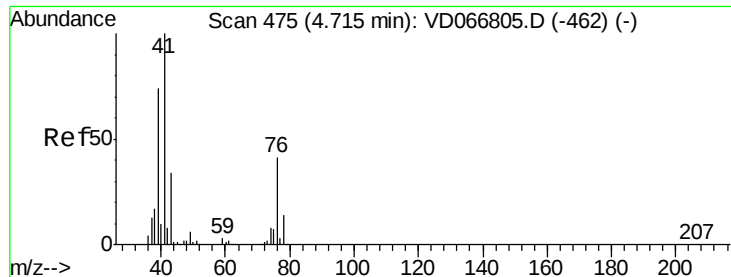
58 35.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

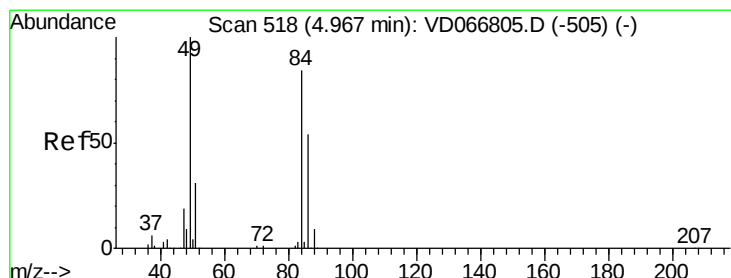
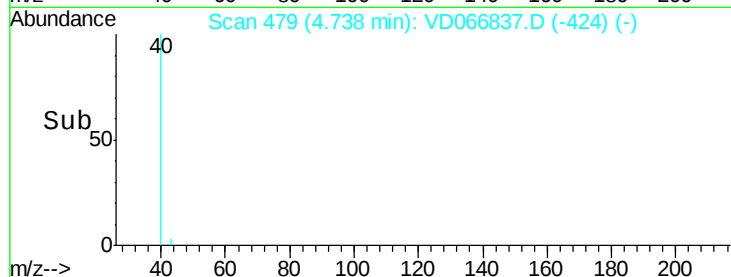
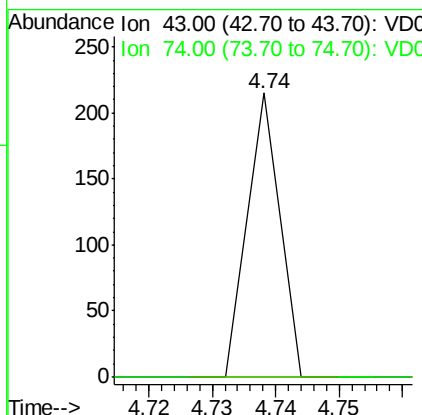
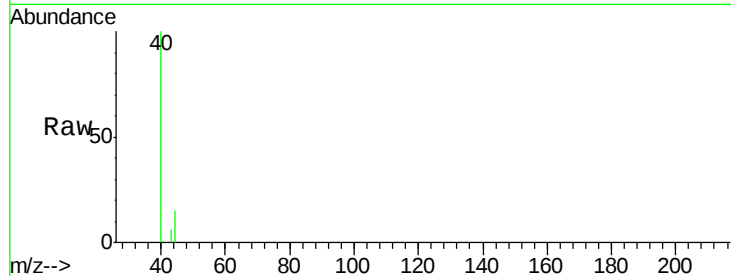




#18
Methyl Acetate
Concen: Below Cal
RT: 4.74 min Scan# 479
Delta R.T. 0.02 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

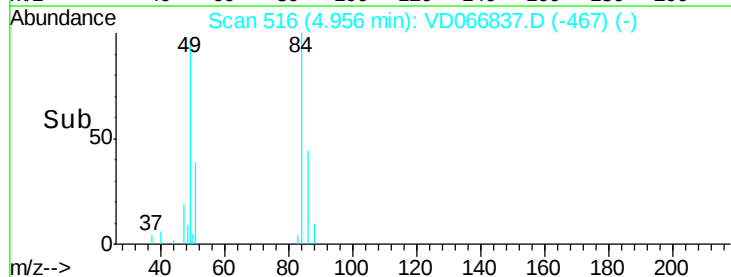
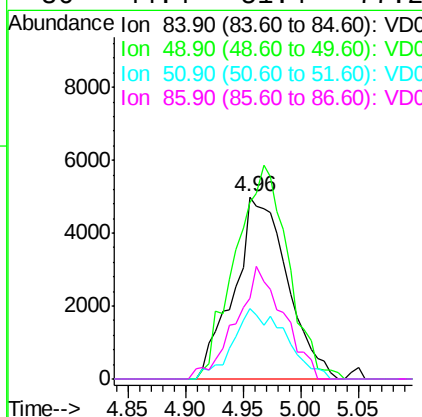
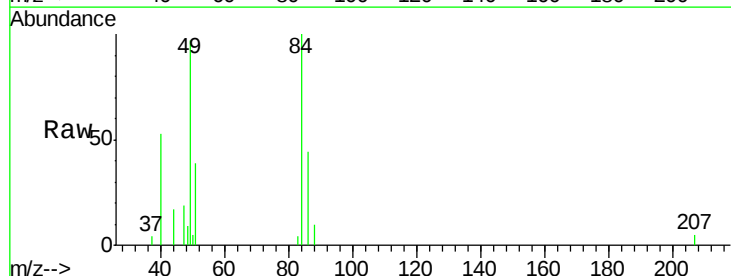
Instrument :
MSVOA_D
ClientSampleId :
TR-04-092320

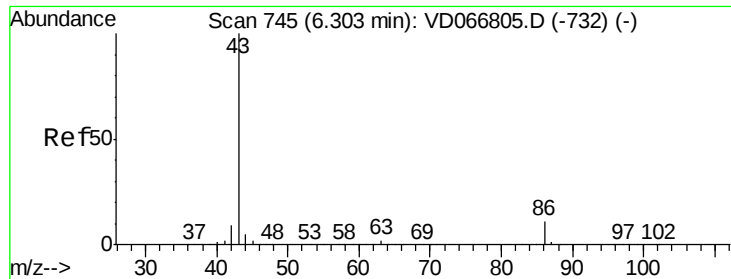
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: 4.682 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

Tgt Ion: 84 Resp: 16033
Ion Ratio Lower Upper
84 100
49 96.9 95.4 143.2
51 38.8 29.7 44.5
86 44.4 51.4 77.2#





#23

Vinyl Acetate

Concen: 2.695 ug/l

RT: 6.21 min Scan# 730

Delta R.T. -0.09 min

Lab File: VD066837.D

Acq: 23 Sep 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

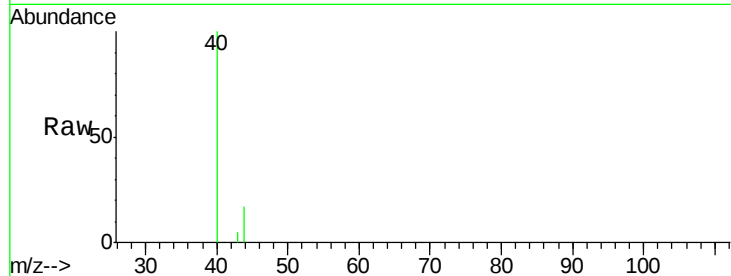
TR-04-092320

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.21

150

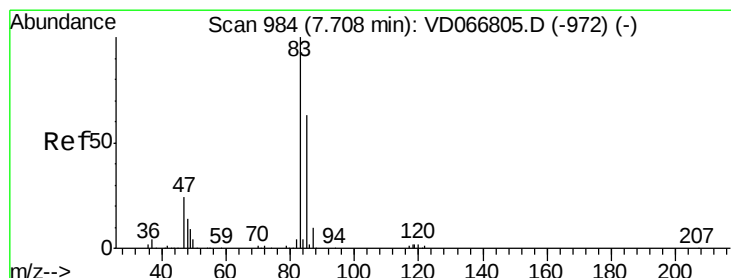
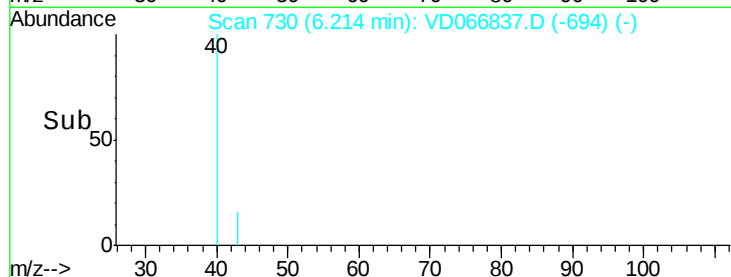
100

50

0

6.20 6.21 6.22 6.23

Time-->



#30

Chloroform

Concen: 3.223 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066837.D

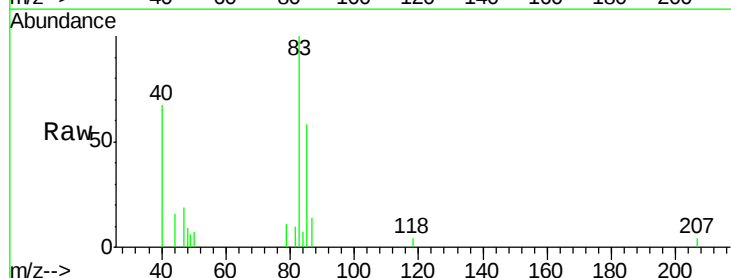
Acq: 23 Sep 2020 16:33

Tgt Ion: 83 Resp: 9873

Ion Ratio Lower Upper

83 100

85 58.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

5000

4000

3000

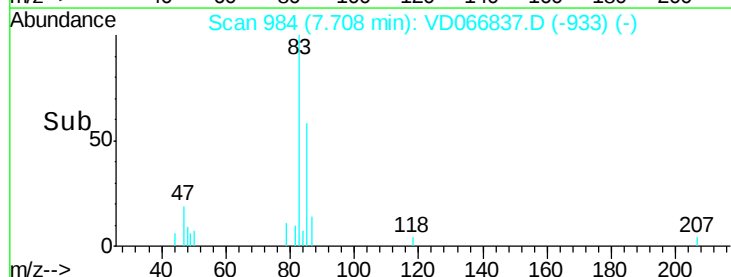
2000

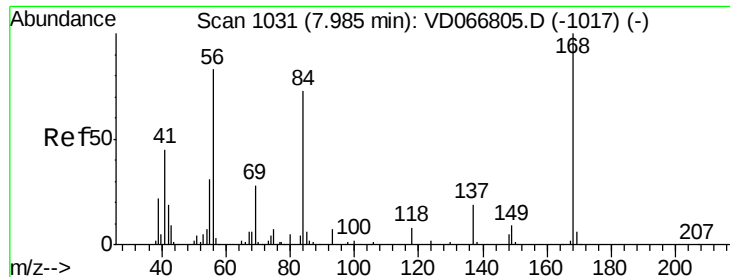
1000

0

7.65 7.70 7.75 7.80

Time-->

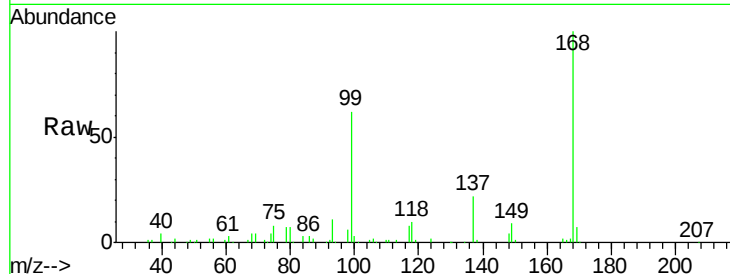




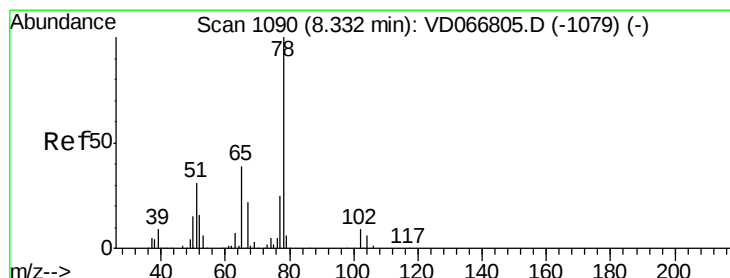
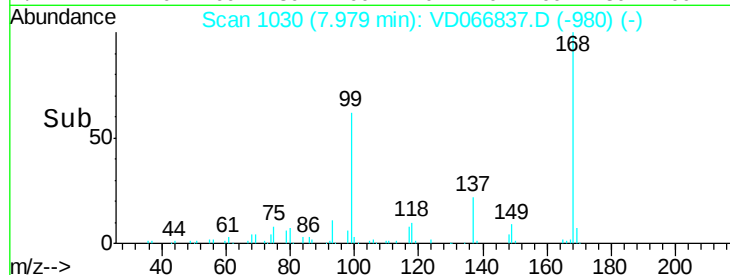
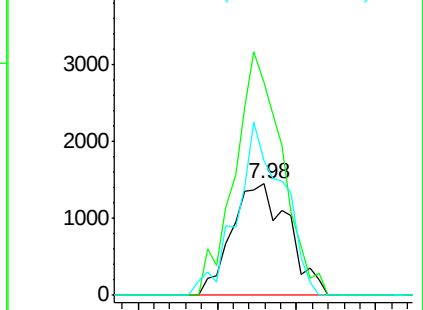
#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
TR-04-092320

Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 191.4 27.0 40.4#
84 121.5 70.2 105.4#

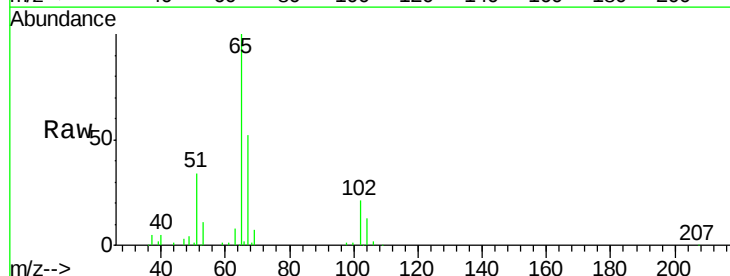


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

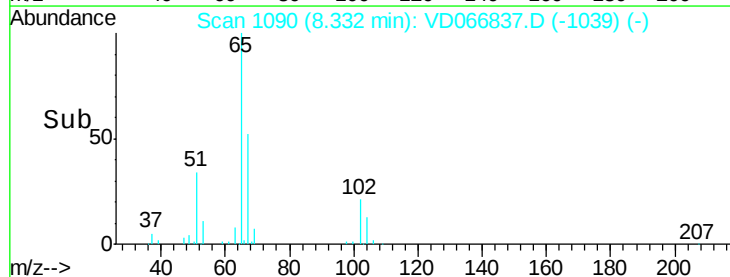
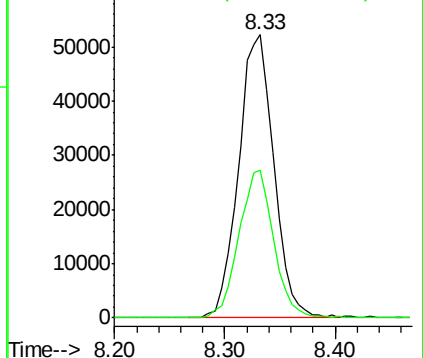


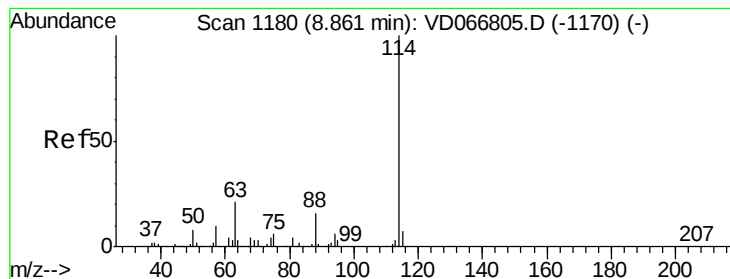
#33
1,2-Dichloroethane-d4
Concen: 83.393 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

Tgt Ion: 65 Resp: 117271
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2



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: VD066837.D

Acq: 23 Sep 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

TR-04-092320

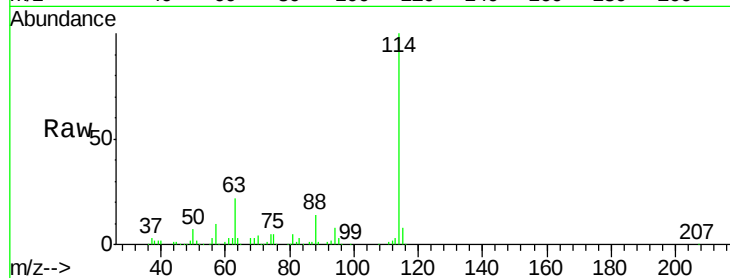
Tgt Ion:114 Resp: 250118

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

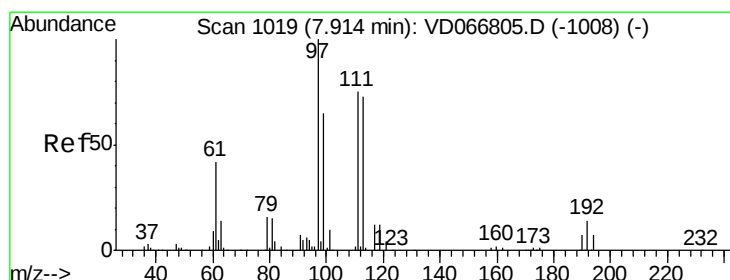
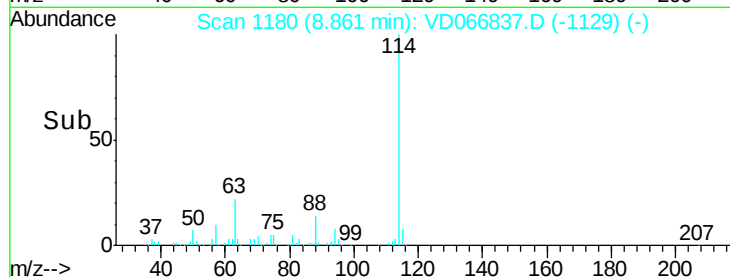
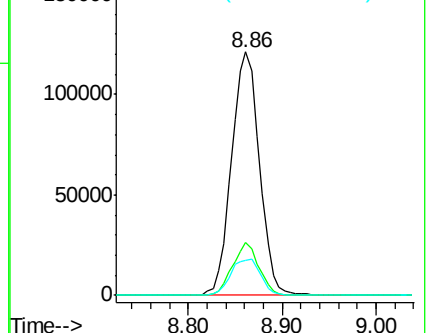
88 14.4 0.0 32.6



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: 64.476 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066837.D

Acq: 23 Sep 2020 16:33

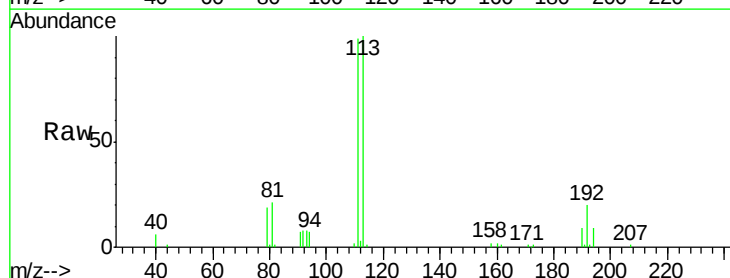
Tgt Ion:113 Resp: 102598

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

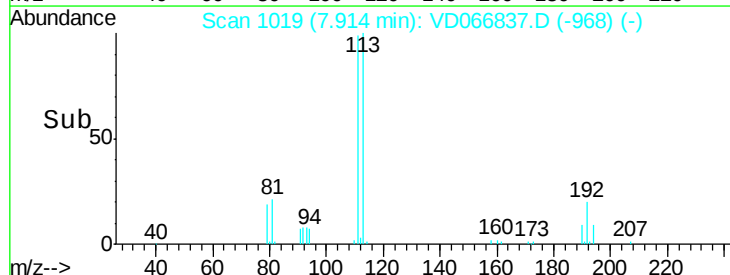
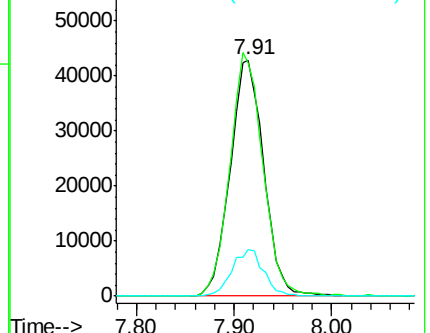
192 18.6 14.4 21.6

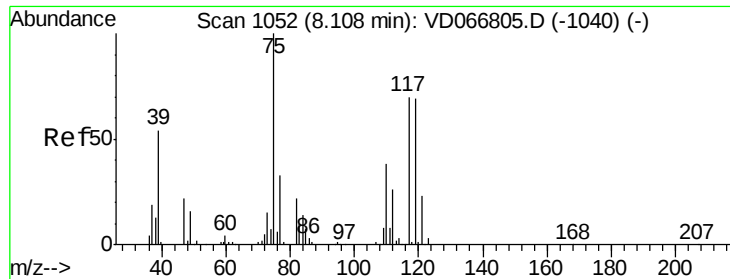


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

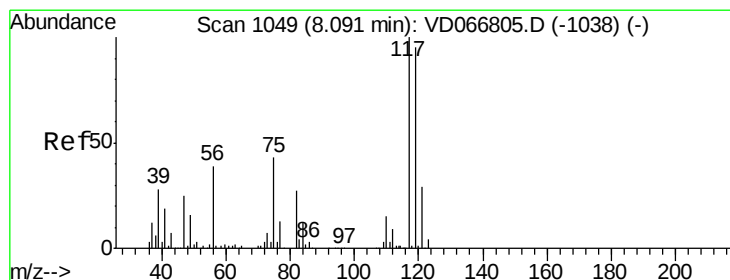
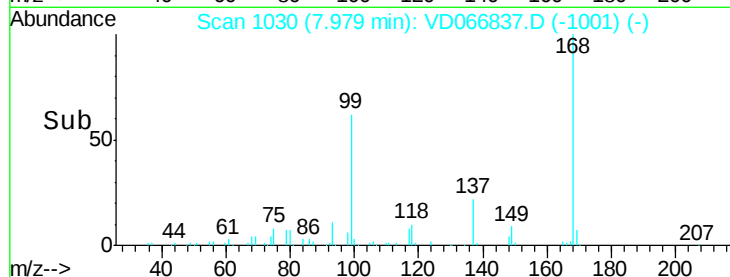
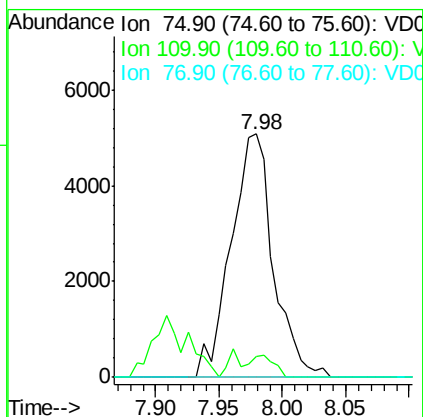
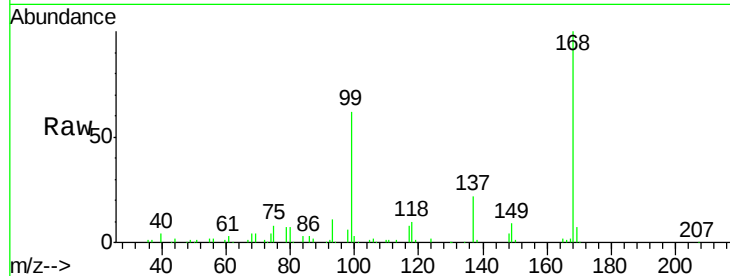




#36
 1,1-Dichloropropene
 Concen: 4.741 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066837.D
 Acq: 23 Sep 2020 16:33

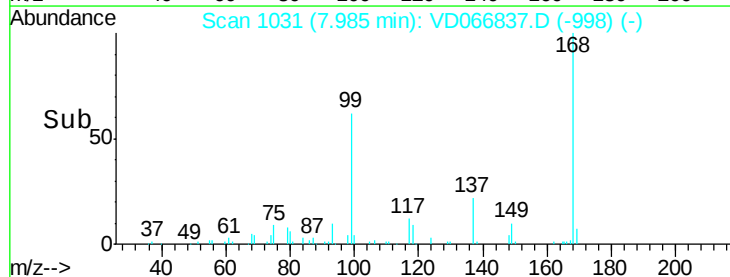
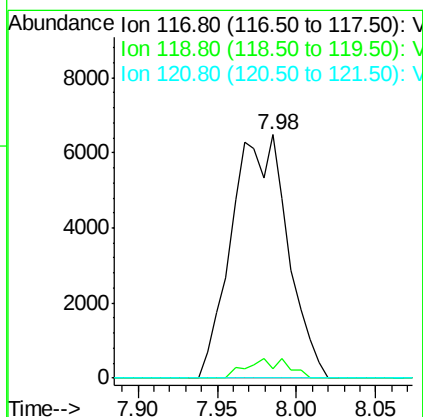
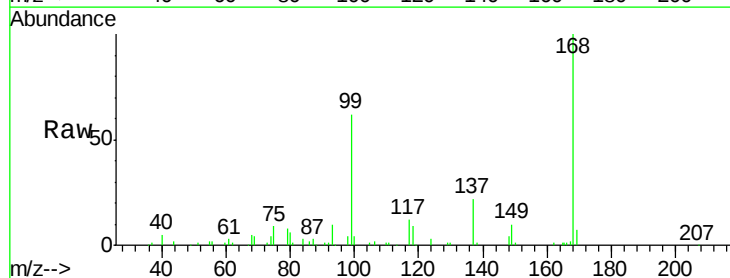
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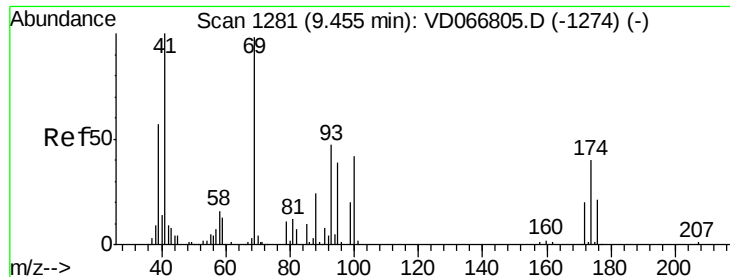
Tgt Ion: 75 Resp: 11765
 Ion Ratio Lower Upper
 75 100
 110 4.4 17.9 53.8#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.853 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD066837.D
 Acq: 23 Sep 2020 16:33

Tgt Ion: 117 Resp: 15879
 Ion Ratio Lower Upper
 117 100
 119 3.9 75.8 113.8#
 121 0.0 23.4 35.0#

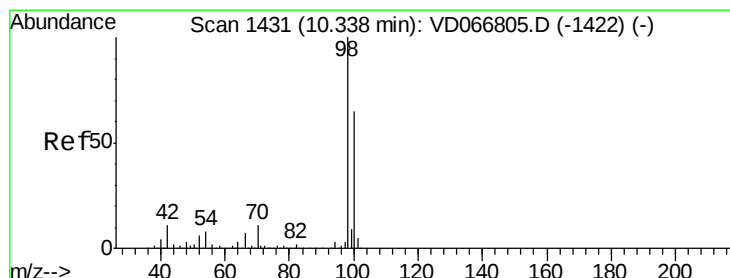
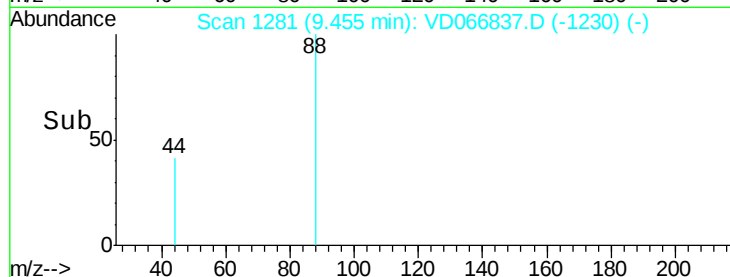
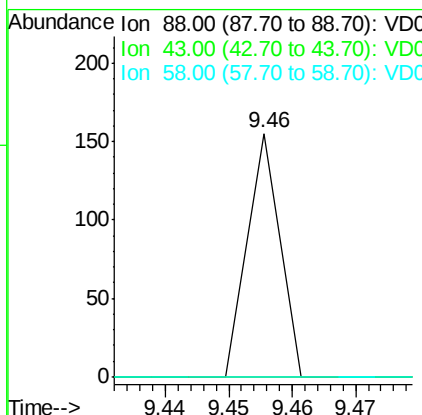
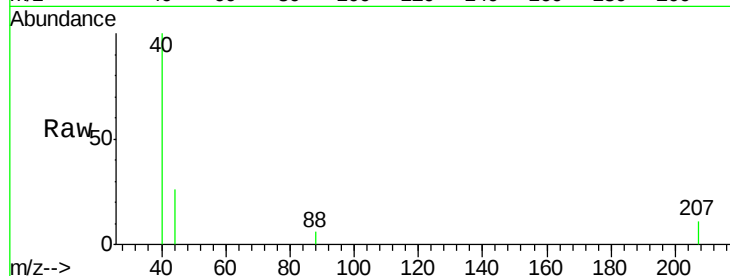




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

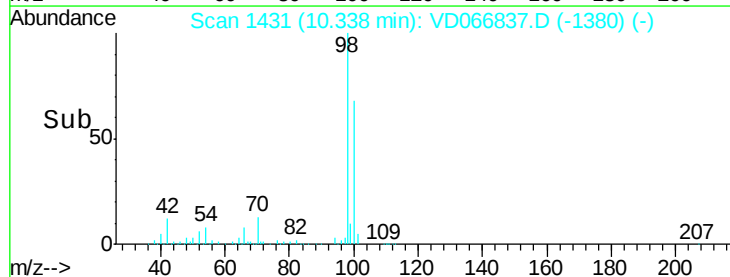
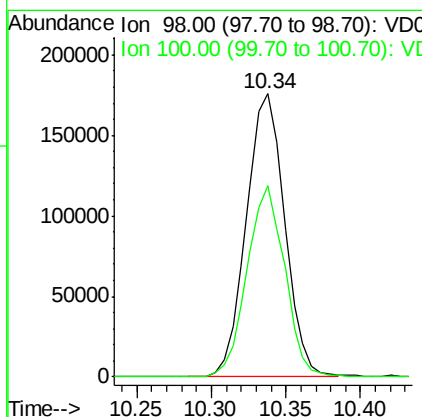
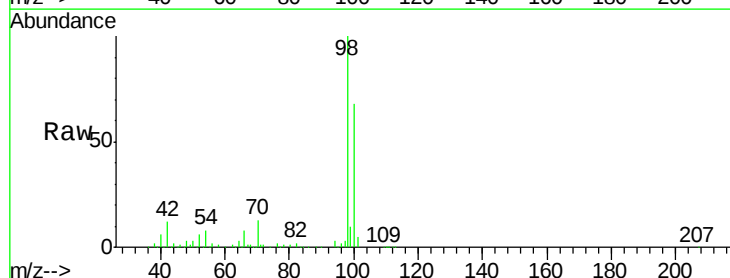
Instrument :
MSVOA_D
ClientSampleId :
TR-04-092320

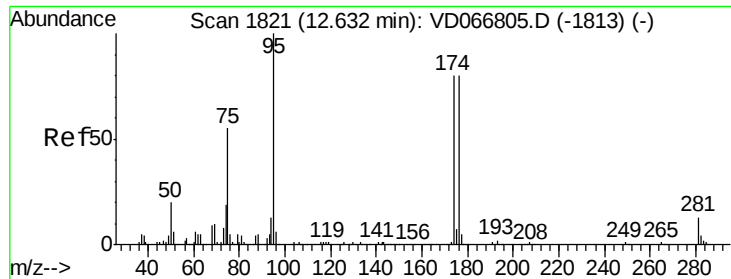
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 55.5 83.3#



#50
Toluene-d8
Concen: 57.646 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

Tgt Ion: 98 Resp: 312537
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2

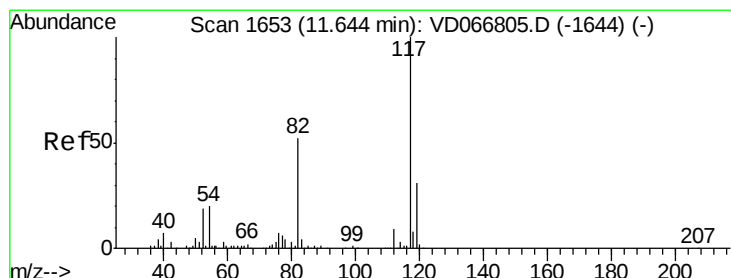
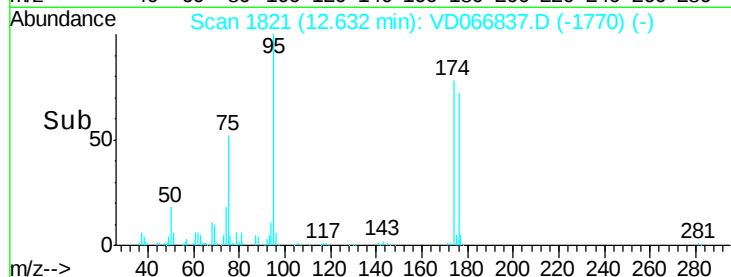
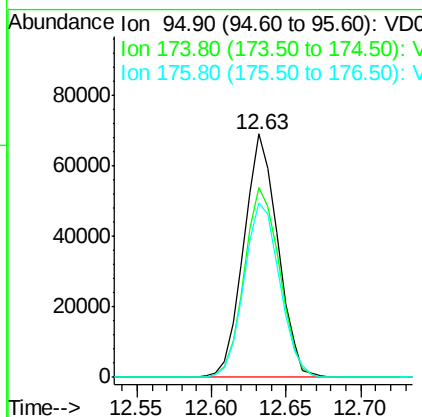
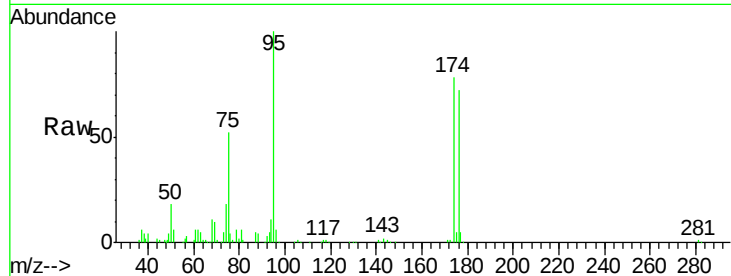




#62
4-Bromofluorobenzene
Concen: 58.792 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

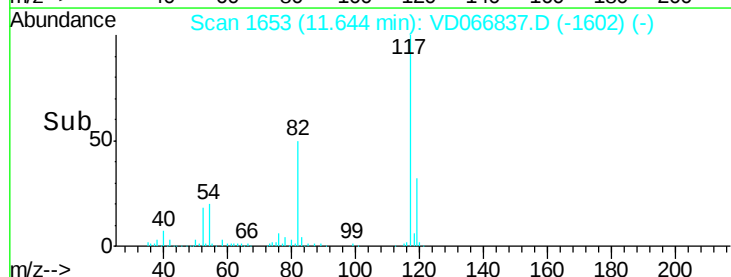
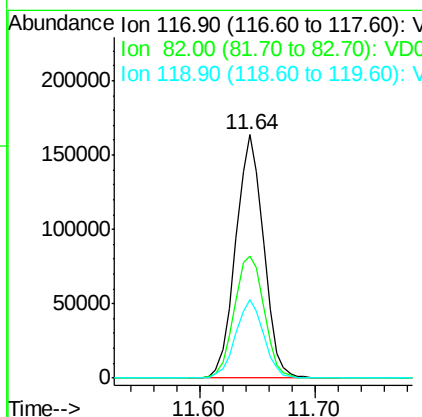
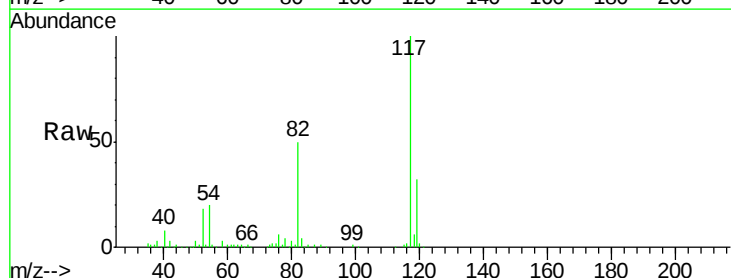
Instrument :
MSVOA_D
ClientSampleId :
TR-04-092320

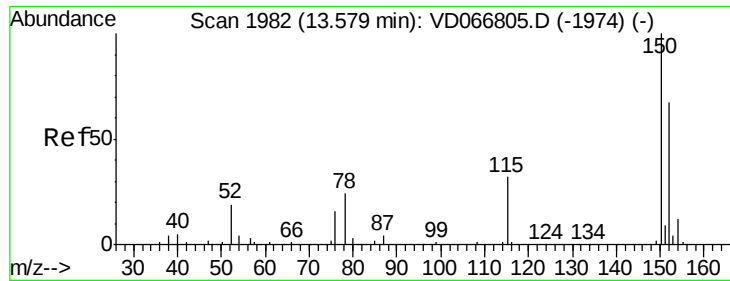
Tgt Ion: 95 Resp: 109120
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.8
176 75.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066837.D
Acq: 23 Sep 2020 16:33

Tgt Ion: 117 Resp: 274051
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.6
119 32.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066837.D

Acq: 23 Sep 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

TR-04-092320

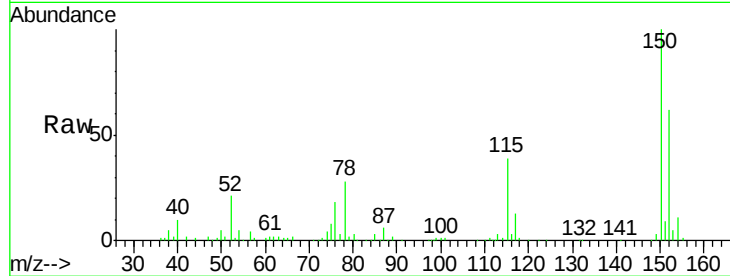
Tgt Ion:152 Resp: 119540

Ion Ratio Lower Upper

152 100

115 58.8 30.3 91.0

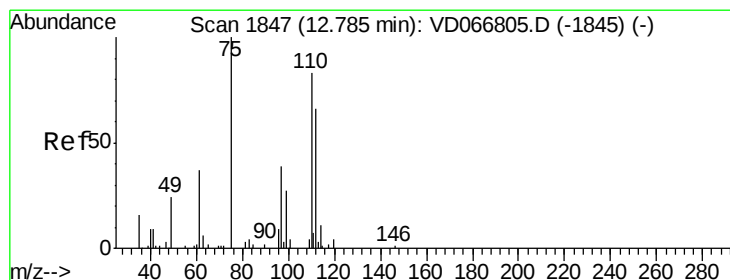
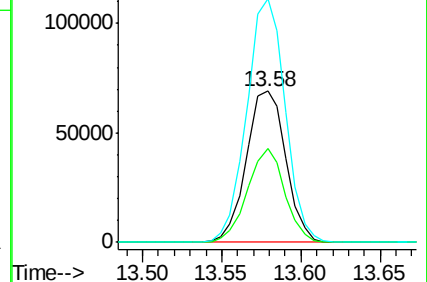
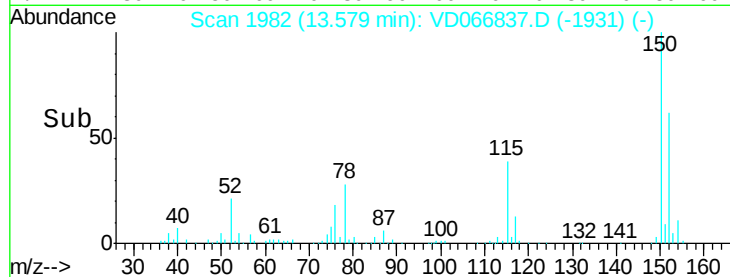
150 156.7 0.0 346.2



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: 57.840 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066837.D

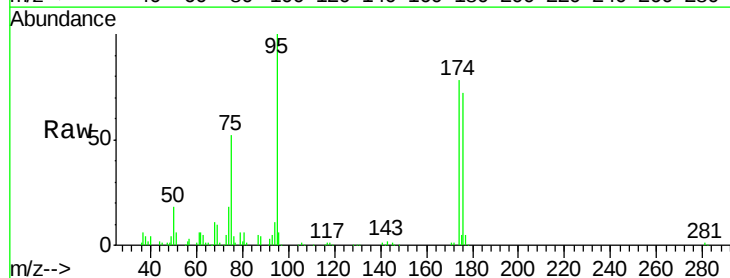
Acq: 23 Sep 2020 16:33

Tgt Ion: 75 Resp: 57299

Ion Ratio Lower Upper

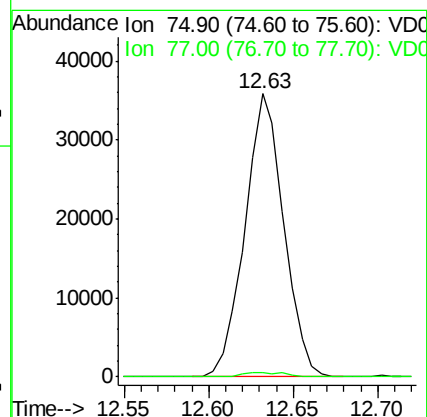
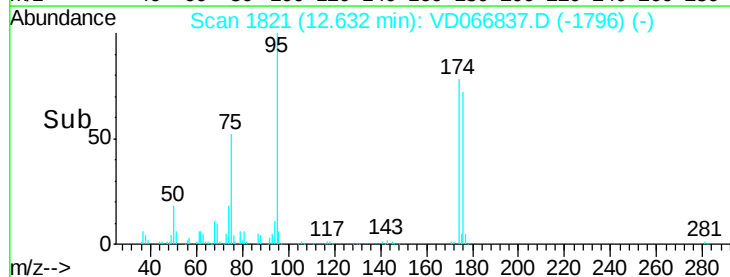
75 100

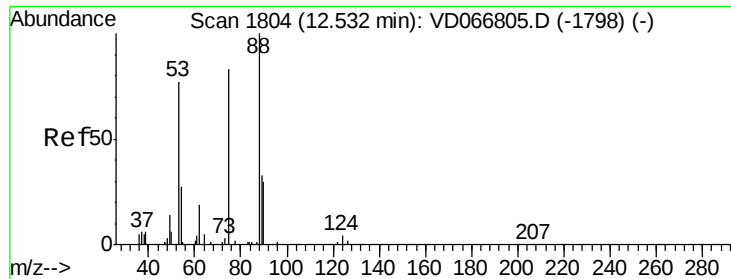
77 1.5 0.0 0.0#



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: 144.710 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066837.D

Acq: 23 Sep 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

TR-04-092320

Tgt Ion: 75 Resp: 57299

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 38.1 57.1#

