

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068834.D
 Acq On : 12 Apr 2021 16:09
 Operator : VA/SY
 Sample : M2008-01
 Misc : 3.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:10:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

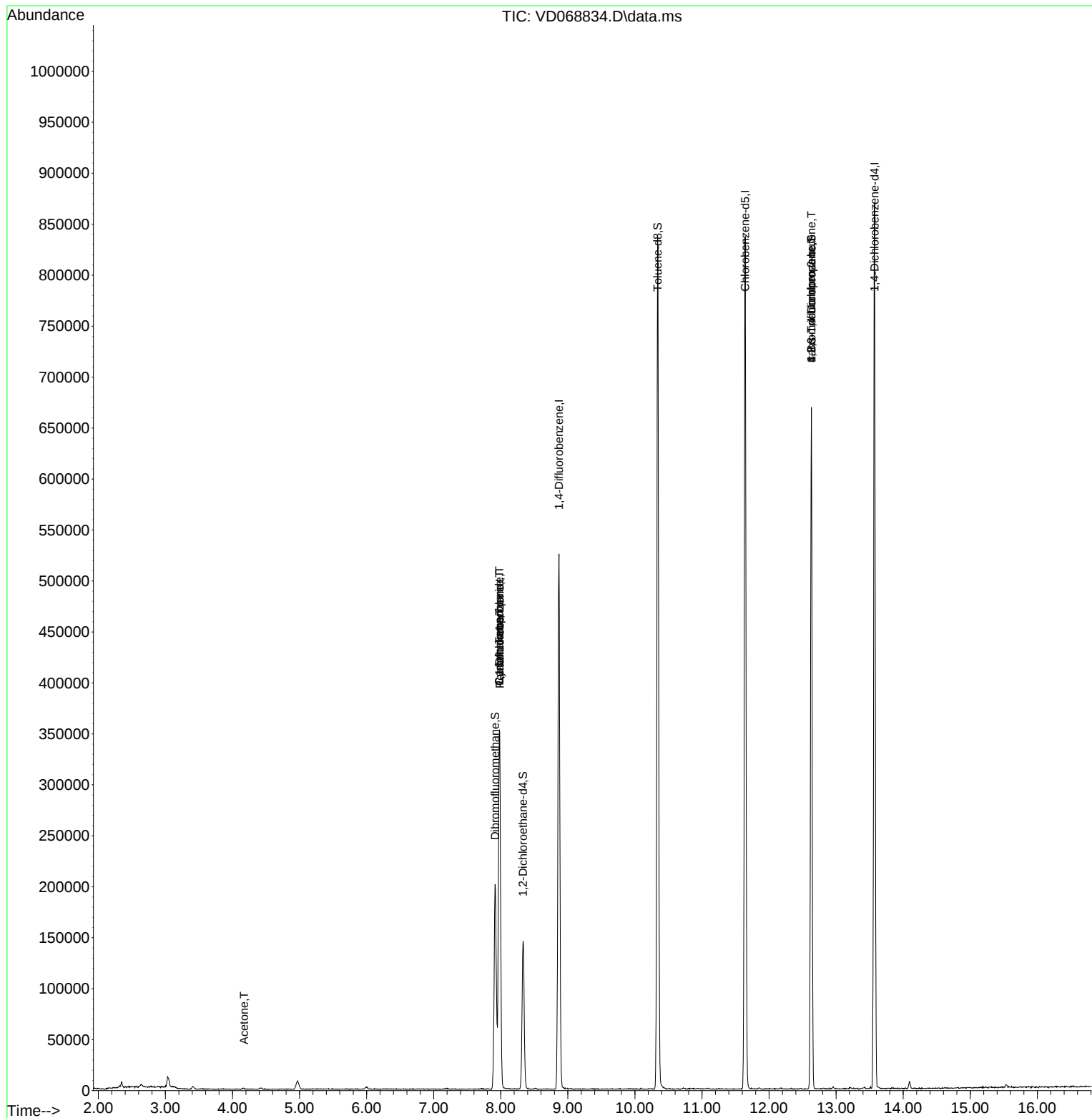
Internal Standards						
1) Pentafluorobenzene	7.985	168	278047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	475591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	505805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116599	39.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.36%
35) Dibromofluoromethane	7.914	113	142632	46.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.22%
50) Toluene-d8	10.338	98	602377	51.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.24%
62) 4-Bromofluorobenzene	12.632	95	219148	56.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.08%
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	1132	2.78	ug/l #	40
20) Methylene Chloride	4.961	84	7179	Below	Cal	91
31) Cyclohexane	7.979	56	5594	1.14	ug/l #	26
36) 1,1-Dichloropropene	7.979	75	20314	4.22	ug/l #	49
38) Carbon Tetrachloride	7.979	117	27488	5.77	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	108446	49.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	108446	113.90	ug/l #	16

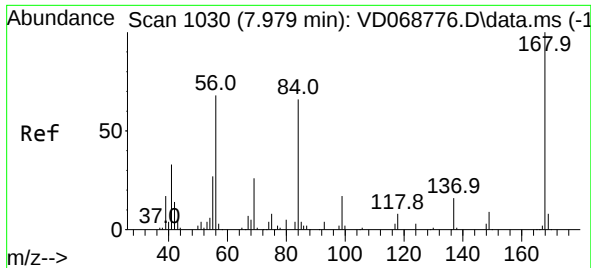
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068834.D
Acq On : 12 Apr 2021 16:09
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

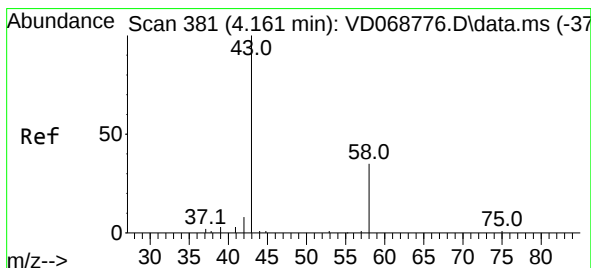
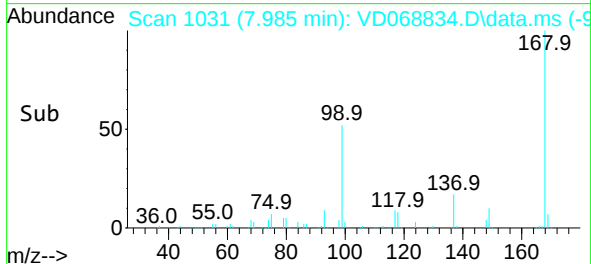
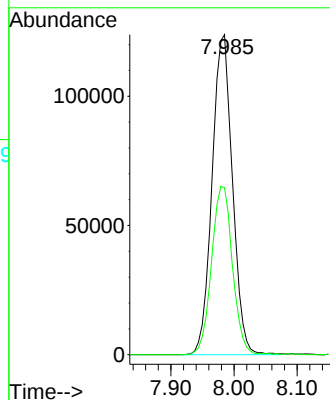
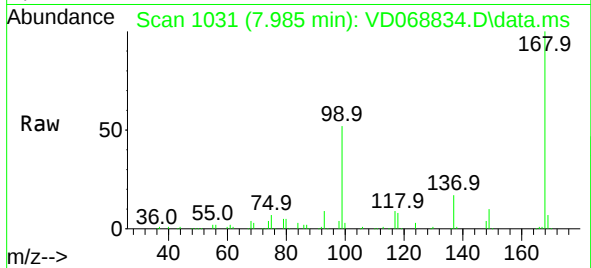




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

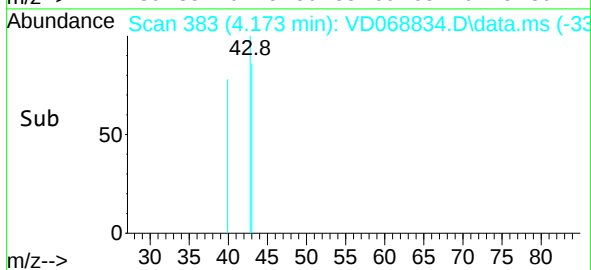
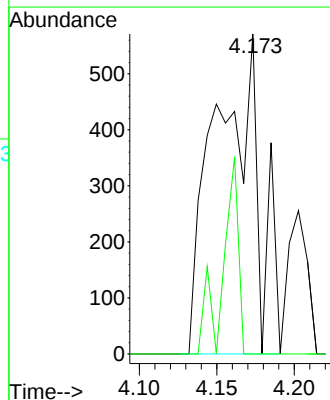
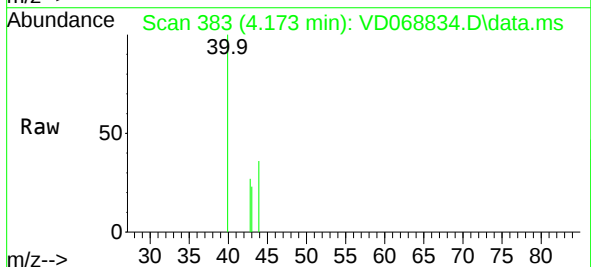
Instrument :
MSVOA_D
ClientSampled :

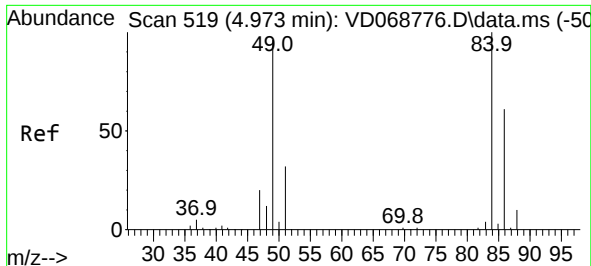
Tgt Ion:168 Resp: 278047
Ion Ratio Lower Upper
168 100
99 52.2 46.2 69.2



#16
Acetone
Concen: 2.78 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.012 min

Lab File: VD068834.D

Acq: 12 Apr 2021 16:09

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 84 Resp: 7179

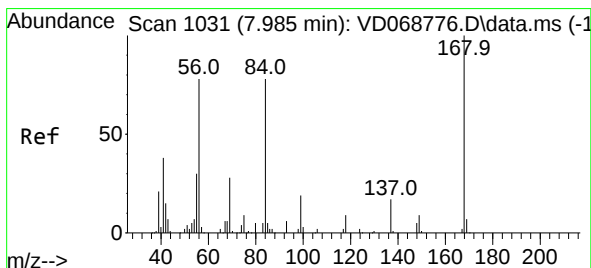
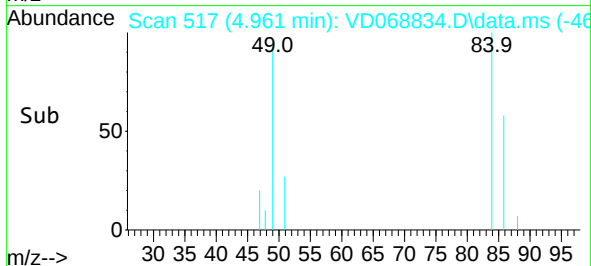
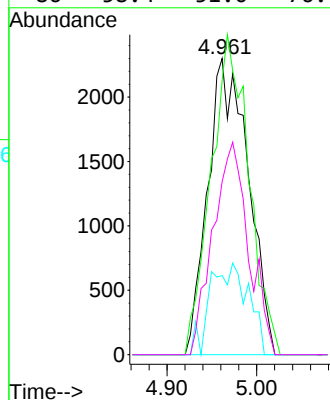
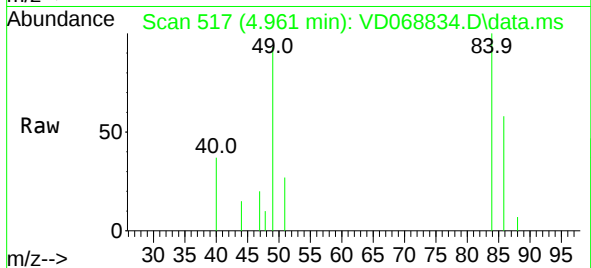
Ion Ratio Lower Upper

84 100

49 92.6 83.4 125.0

51 26.7 23.4 35.2

86 58.4 51.0 76.4



#31

Cyclohexane

Concen: 1.14 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068834.D

Acq: 12 Apr 2021 16:09

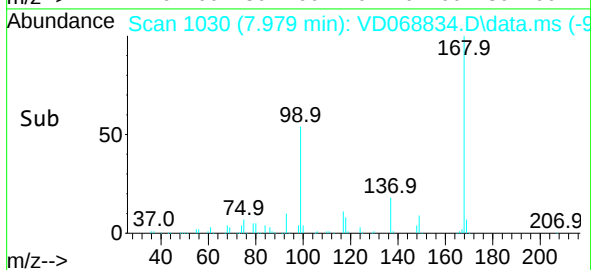
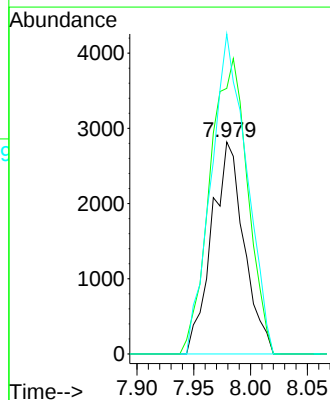
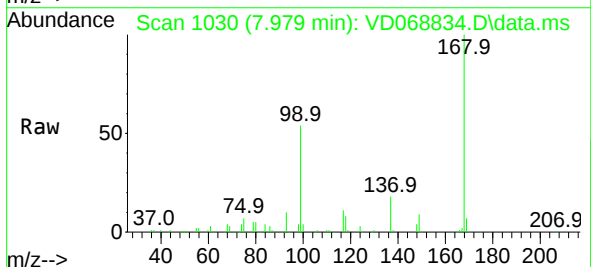
Tgt Ion: 56 Resp: 5594

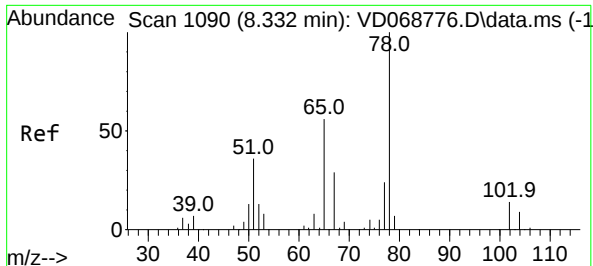
Ion Ratio Lower Upper

56 100

69 125.3 30.0 45.0#

84 150.9 82.0 123.0#

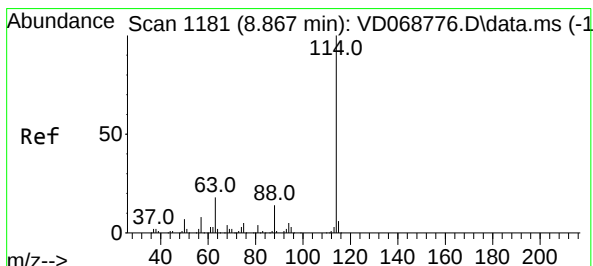
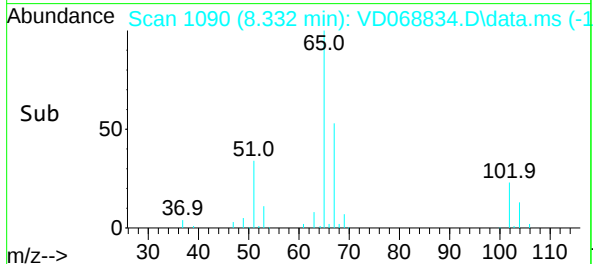
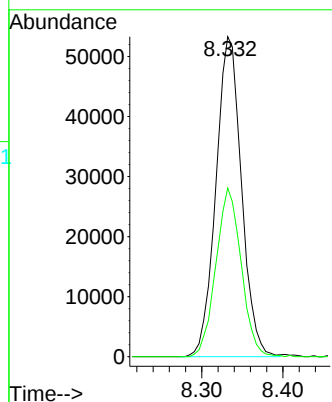
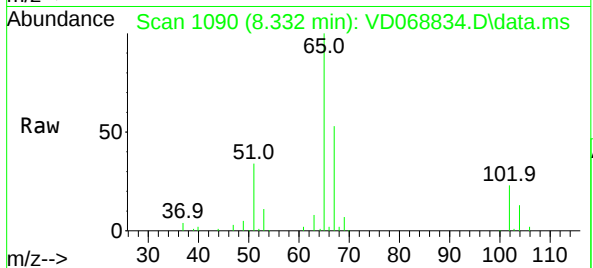




#33
1,2-Dichloroethane-d4
Concen: 39.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

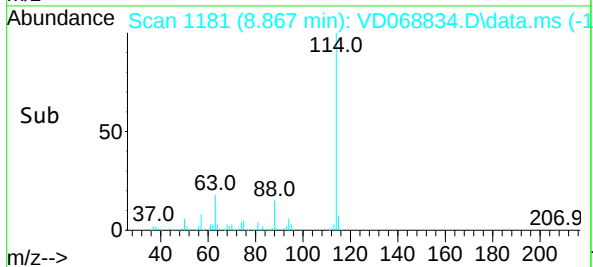
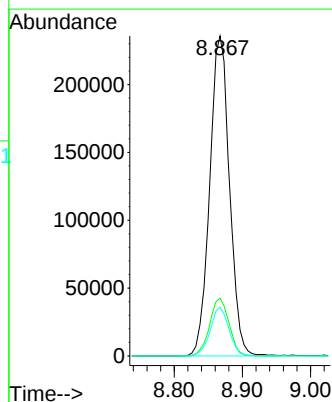
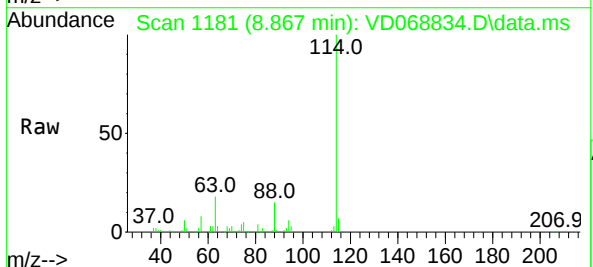
Instrument :
MSVOA_D
ClientSampleId :

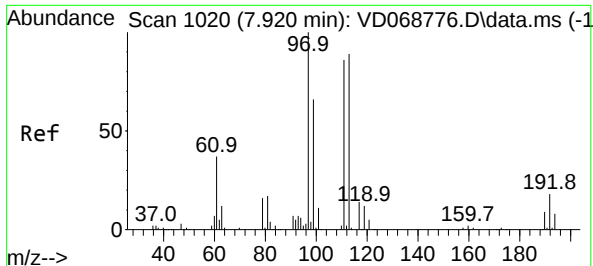
Tgt Ion: 65 Resp: 116599
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

Tgt Ion: 114 Resp: 475591
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.11 ug/l

RT: 7.914 min Scan# 1019

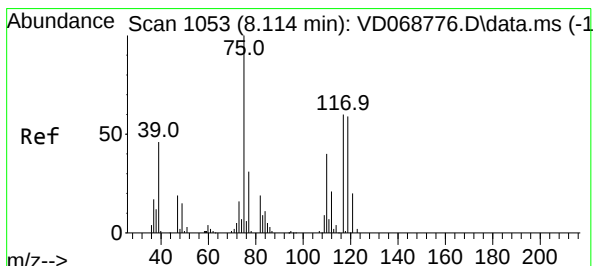
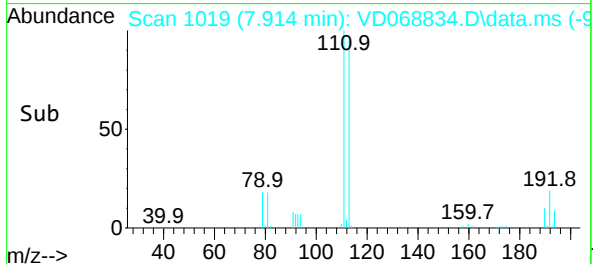
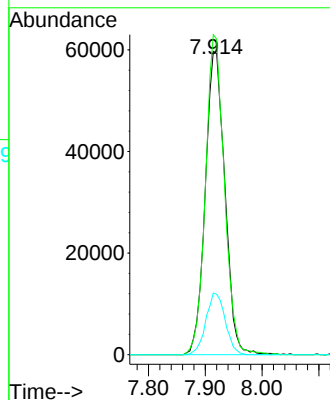
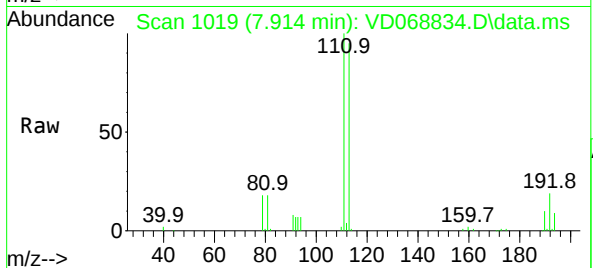
Delta R.T. -0.006 min

Lab File: VD068834.D

Acq: 12 Apr 2021 16:09

Tgt Ion:	113	Resp:	142632
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	20.0	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.22 ug/l

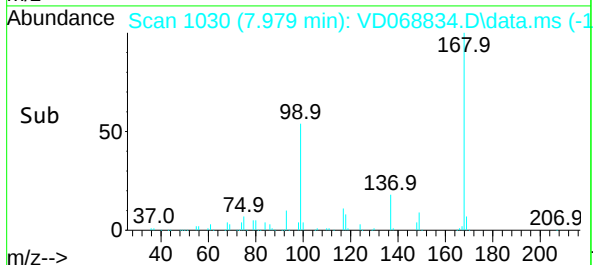
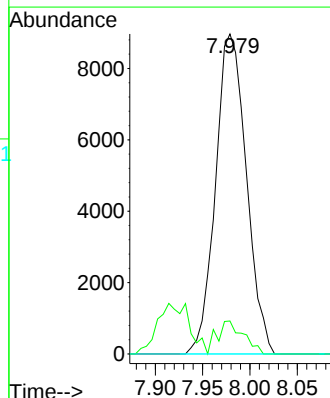
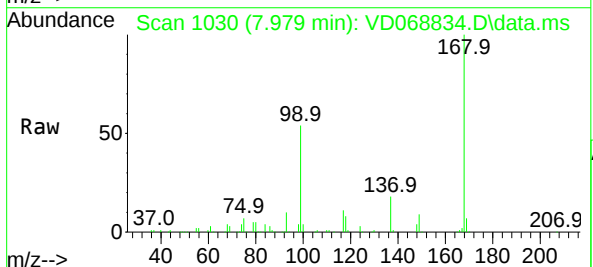
RT: 7.979 min Scan# 1030

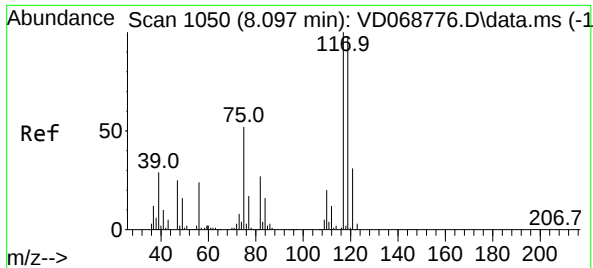
Delta R.T. -0.135 min

Lab File: VD068834.D

Acq: 12 Apr 2021 16:09

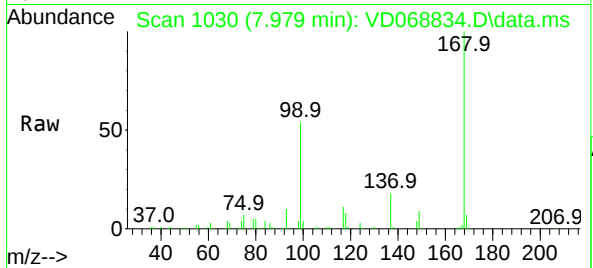
Tgt Ion:	75	Resp:	20314
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.7	37.1#



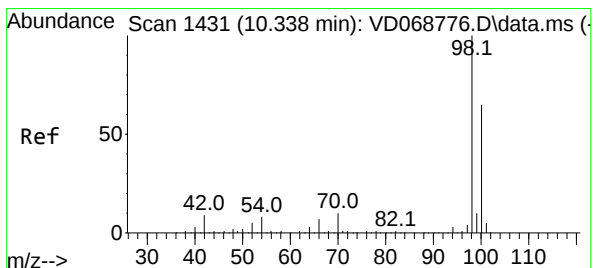
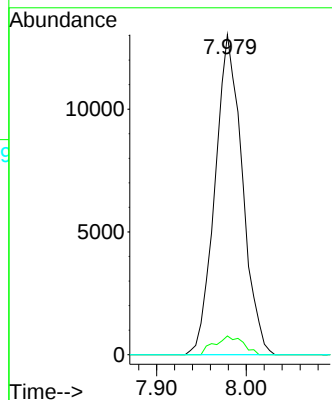
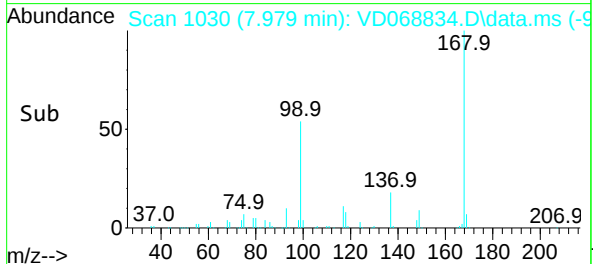


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

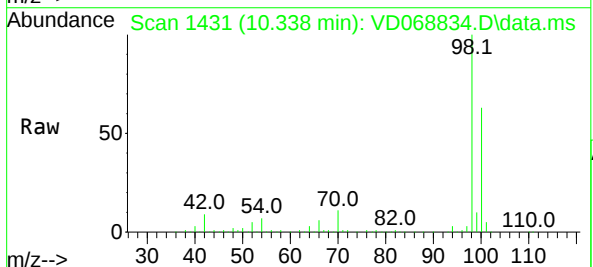
Instrument :
MSVOA_D
ClientSampleId :



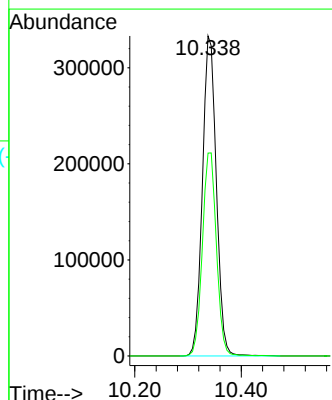
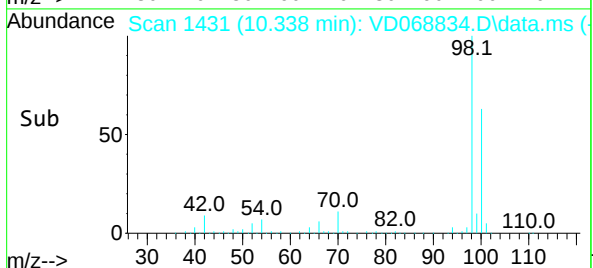
Tgt Ion: 117 Resp: 27488
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 26.1 39.1#

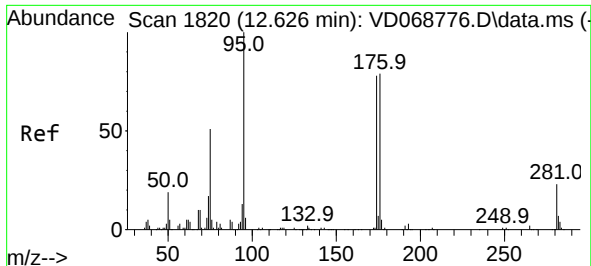


#50
Toluene-d8
Concen: 51.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09



Tgt Ion: 98 Resp: 602377
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

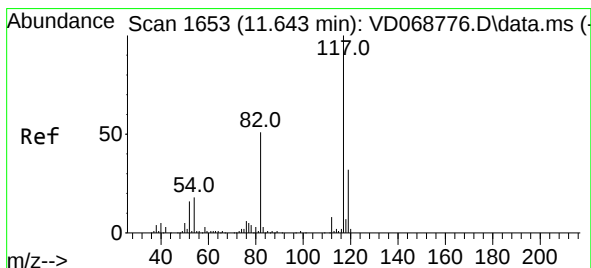
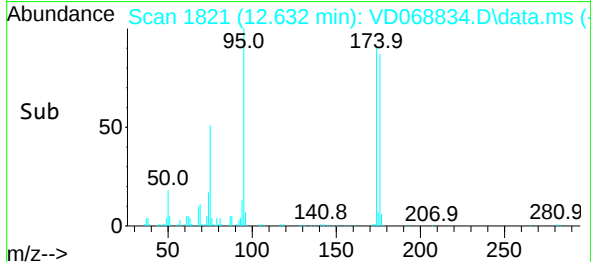
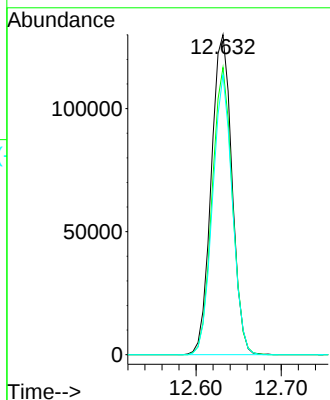
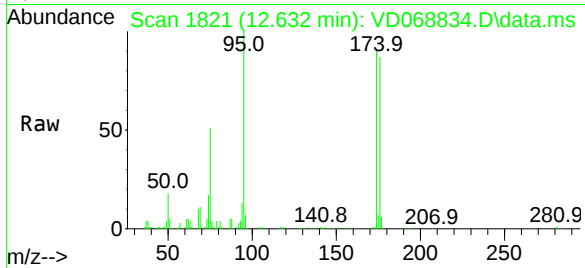




#62
4-Bromofluorobenzene
Concen: 56.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

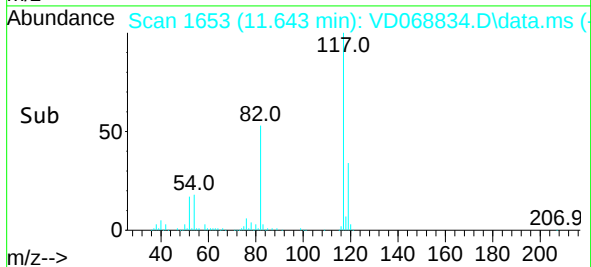
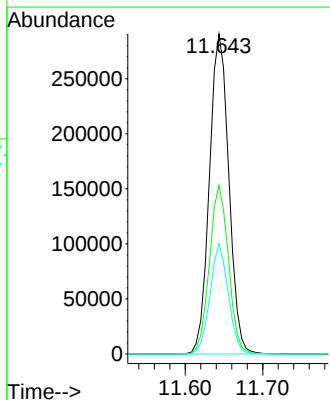
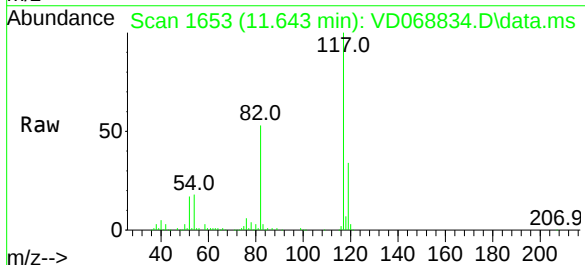
Instrument :
MSVOA_D
ClientSampleId :

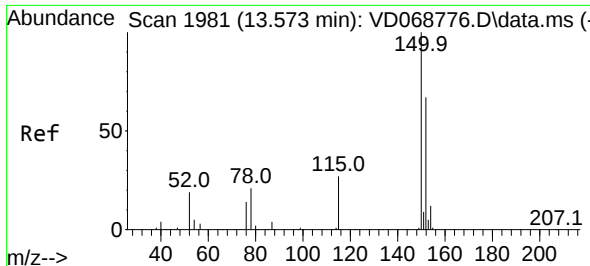
Tgt Ion: 95 Resp: 219148
Ion Ratio Lower Upper
95 100
174 87.3 0.0 168.0
176 83.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

Tgt Ion: 117 Resp: 505805
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 34.5 26.7 40.1

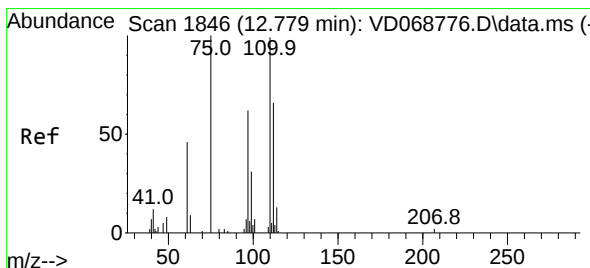
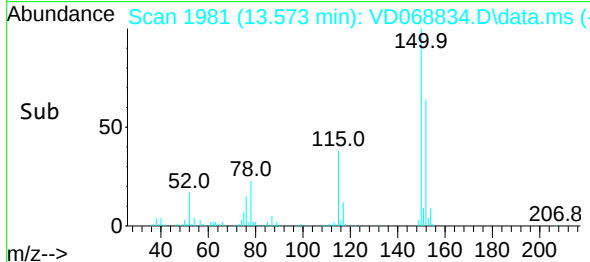
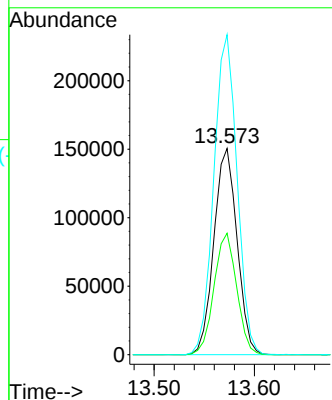
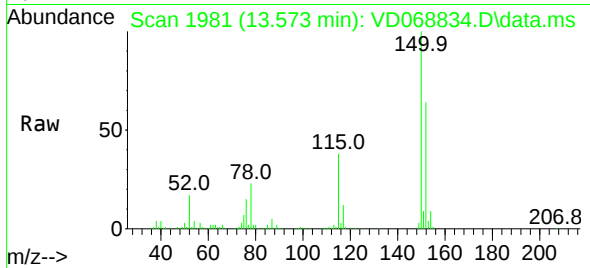




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

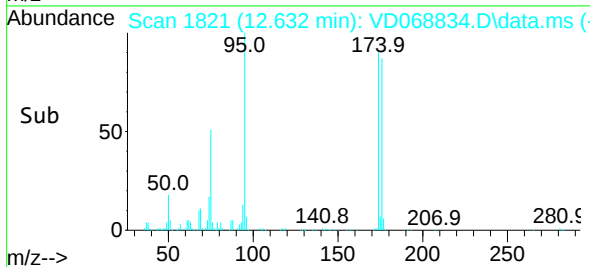
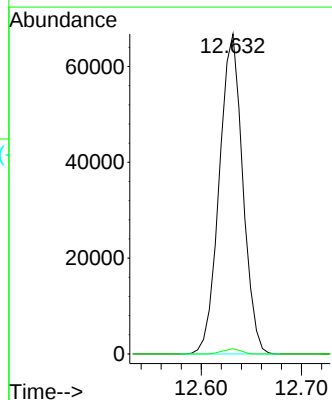
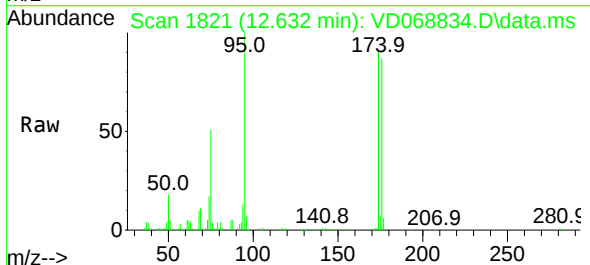
Instrument :
MSVOA_D
ClientSampleId :

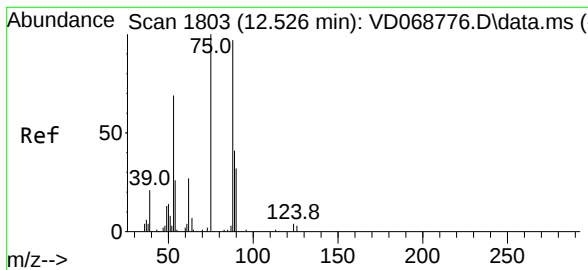
Tgt Ion:152 Resp: 241863
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 155.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068834.D
Acq: 12 Apr 2021 16:09

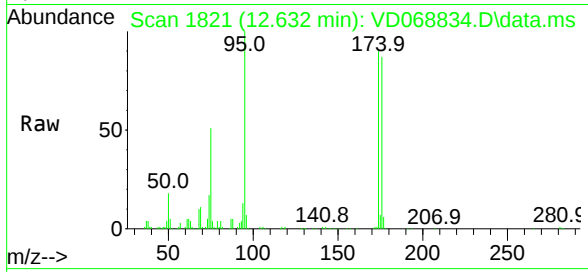
Tgt Ion: 75 Resp: 108446
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.90 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068834.D
 Acq: 12 Apr 2021 16:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 108446
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

