

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068565.D
 Acq On : 08 Mar 2021 17:34
 Operator : VA/SY
 Sample : M1597-01
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-030821

Quant Time: Mar 09 00:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

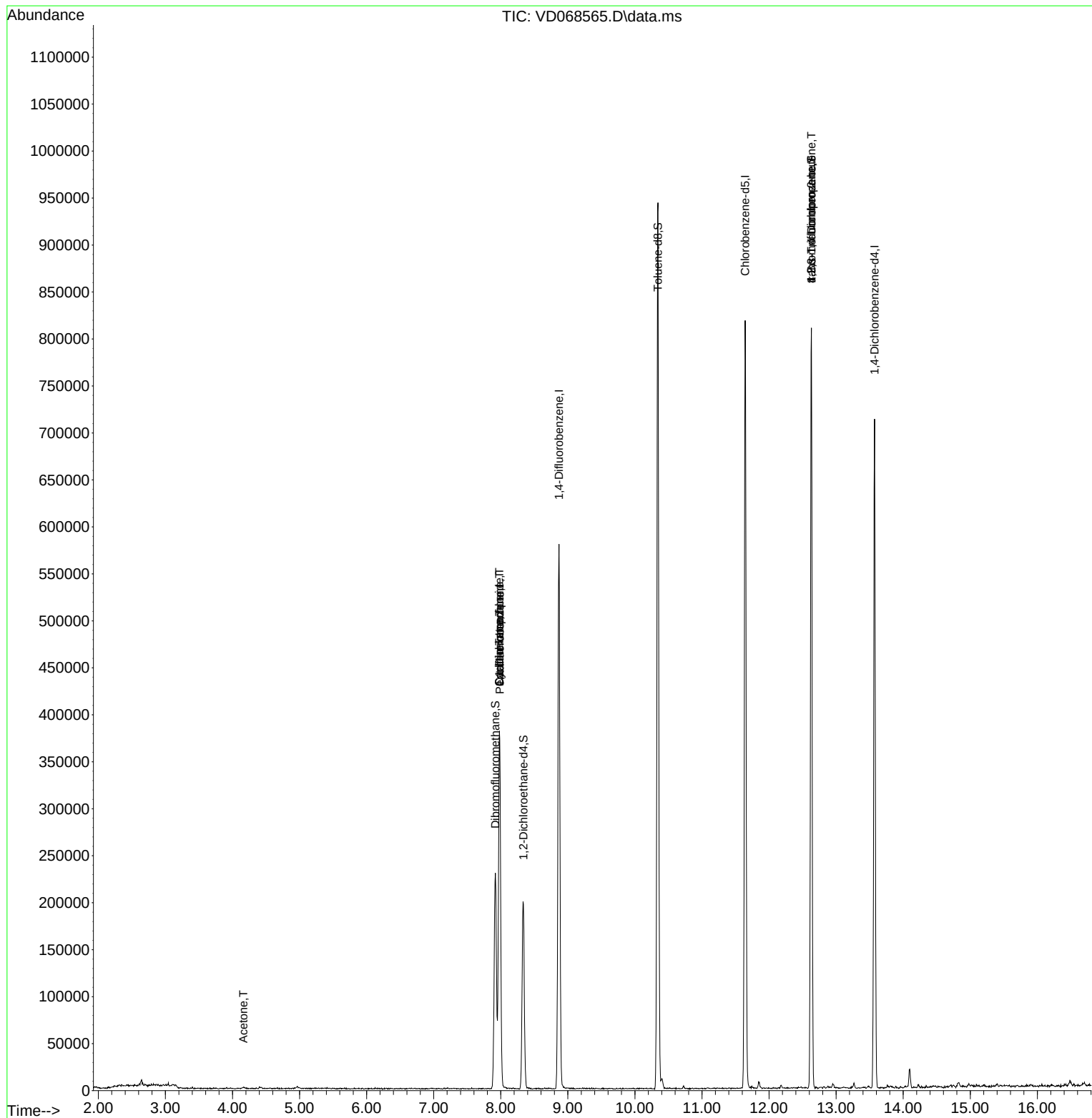
Internal Standards						
1) Pentafluorobenzene	7.985	168	298254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	534571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	499454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	193590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	161377	54.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.30%
35) Dibromofluoromethane	7.920	113	169295	52.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.14%
50) Toluene-d8	10.344	98	663127	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.632	95	201952	48.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.70%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	2532	5.35	ug/l	99
20) Methylene Chloride	4.973	84	798	Below Cal	#	65
31) Cyclohexane	7.979	56	6035	1.11	ug/l #	43
36) 1,1-Dichloropropene	7.979	75	22384	4.41	ug/l #	47
38) Carbon Tetrachloride	7.979	117	30350	6.36	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	104329	60.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	104329	141.66	ug/l #	14

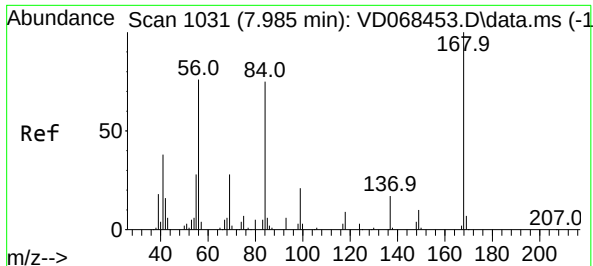
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 00:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

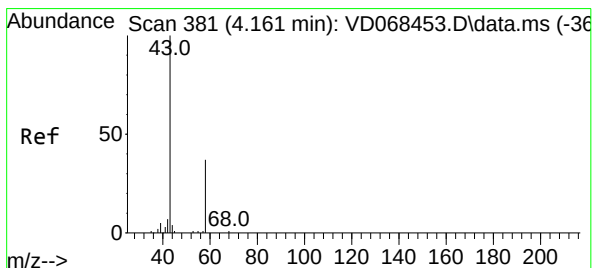
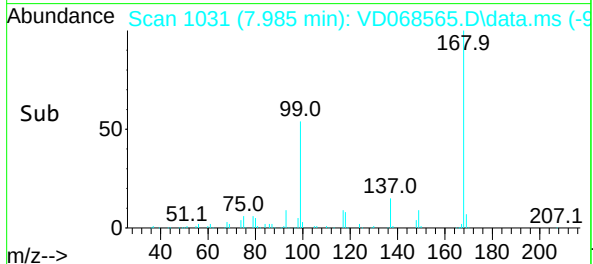
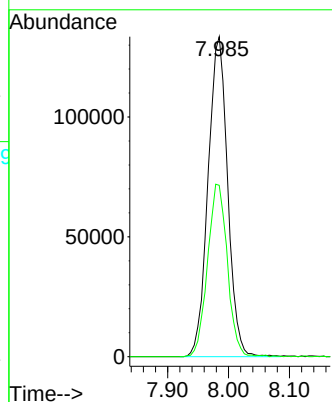
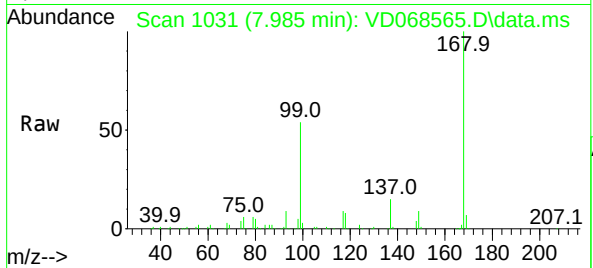




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

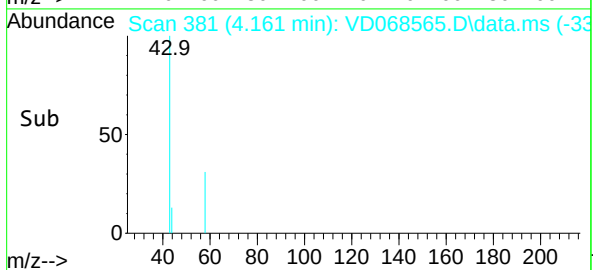
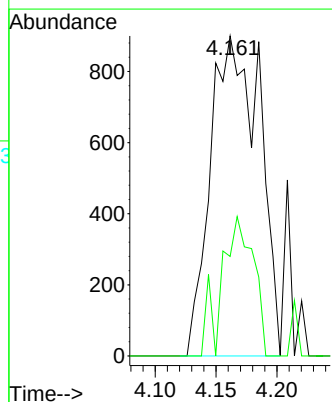
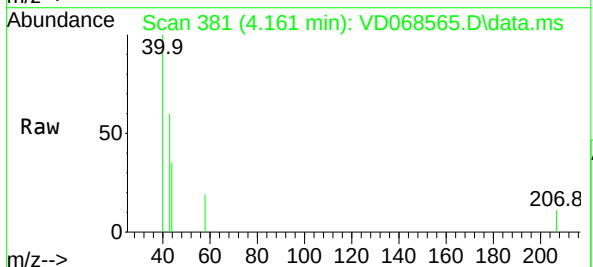
Instrument :
MSVOA_D
ClientSampleId :
AU-06-030821

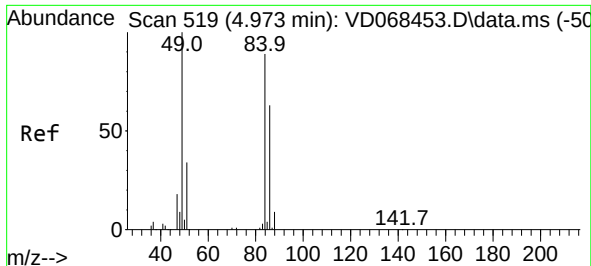
Tgt Ion:168 Resp: 298254
Ion Ratio Lower Upper
168 100
99 53.5 43.5 65.3



#16
Acetone
Concen: 5.35 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

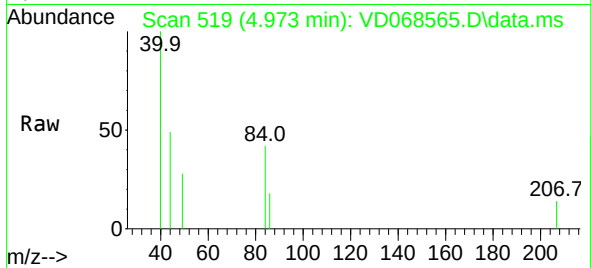
Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.4



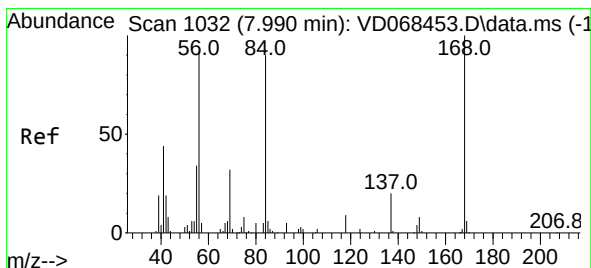
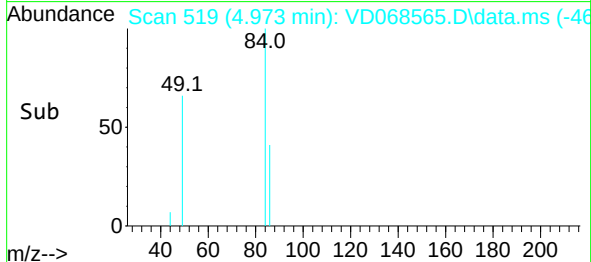
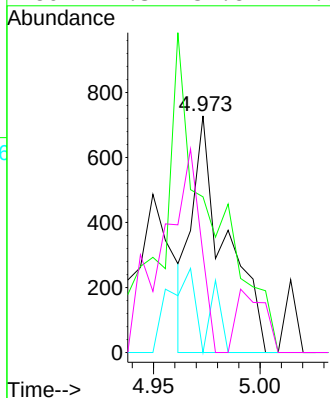


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

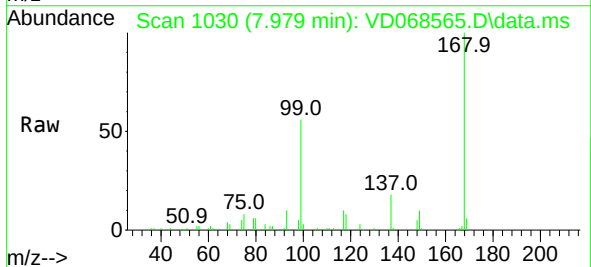
Instrument :
MSVOA_D
ClientSampleId :
AU-06-030821



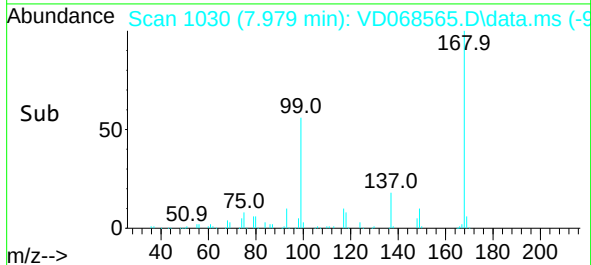
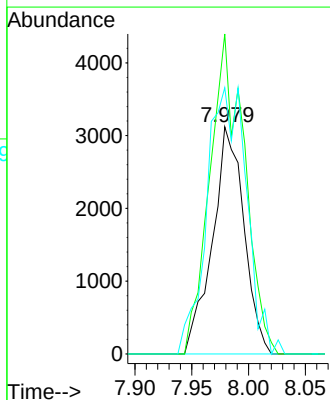
Tgt Ion:	84	Resp:	798
Ion	Ratio	Lower	Upper
84	100		
49	65.8	77.4	116.2#
51	0.0	26.1	39.1#
86	41.3	51.8	77.8#

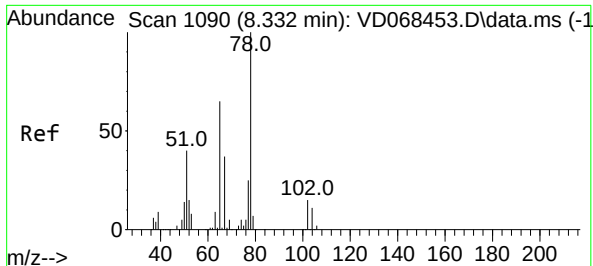


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34



Tgt Ion:	56	Resp:	6035
Ion	Ratio	Lower	Upper
56	100		
69	140.8	30.1	45.1#
84	117.2	82.1	123.1

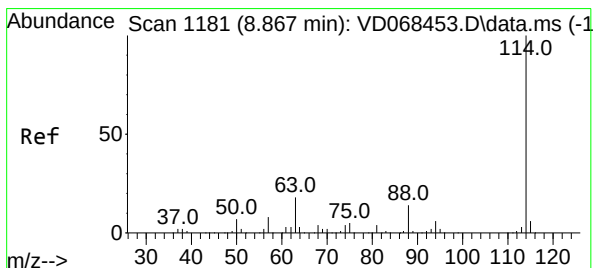
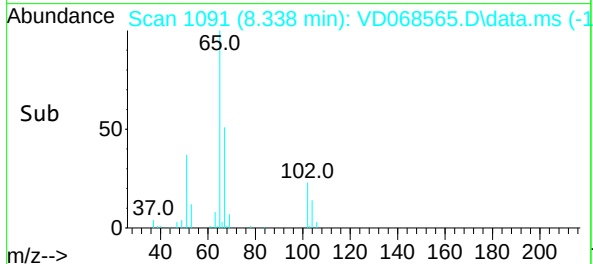
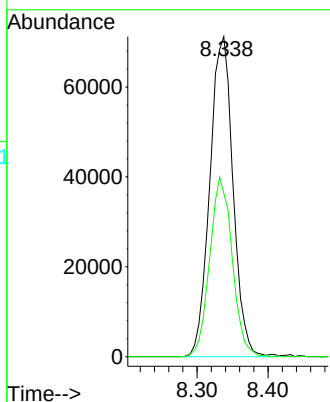
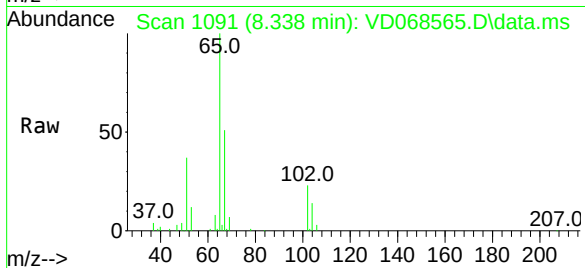




#33
1,2-Dichloroethane-d4
Concen: 54.15 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

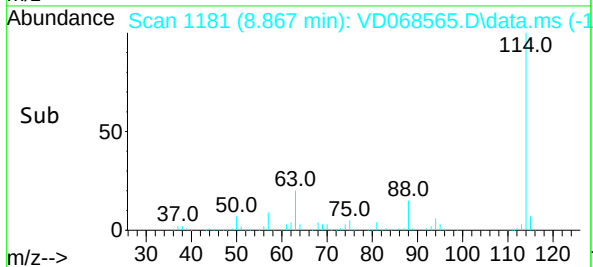
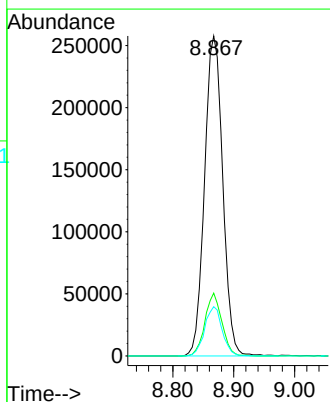
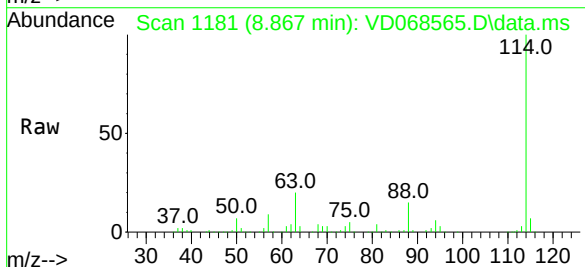
Instrument :
MSVOA_D
ClientSampleId :
AU-06-030821

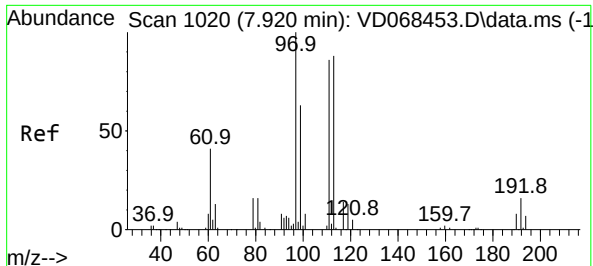
Tgt Ion: 65 Resp: 161377
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

Tgt Ion: 114 Resp: 534571
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.4 0.0 31.6

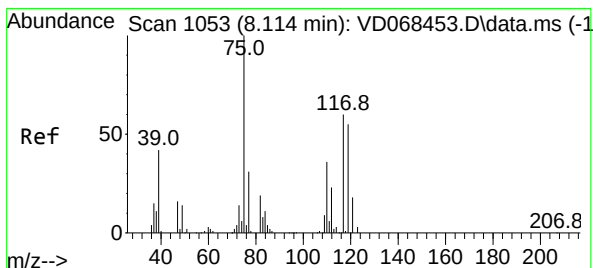
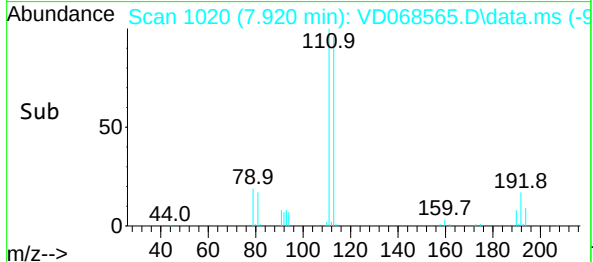
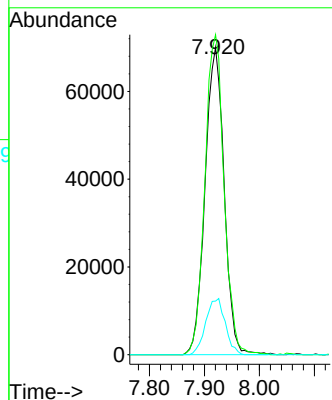
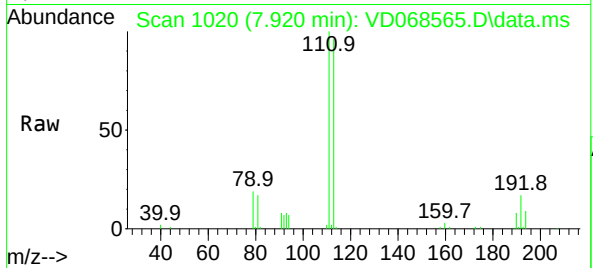




#35
Dibromofluoromethane
Concen: 52.57 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

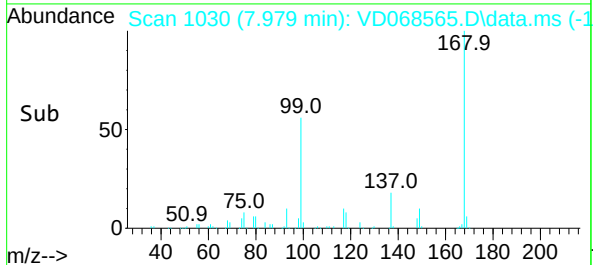
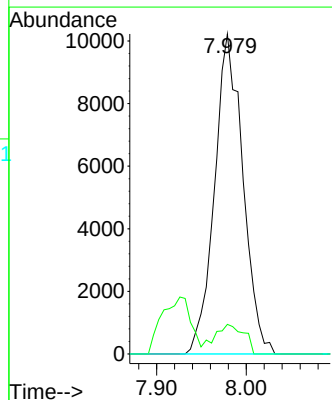
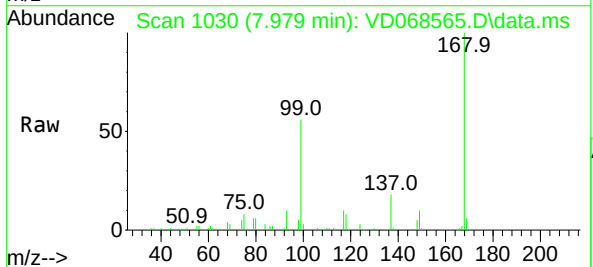
Instrument :
MSVOA_D
ClientSampleId :
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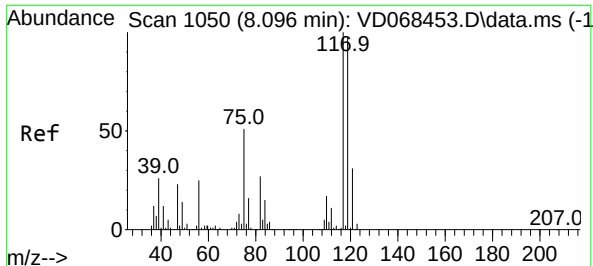
Tgt Ion:113 Resp: 169295
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

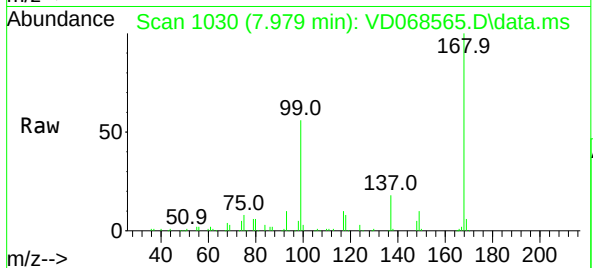
Tgt Ion: 75 Resp: 22384
Ion Ratio Lower Upper
75 100
110 8.4 19.4 58.2#
77 0.0 25.3 37.9#



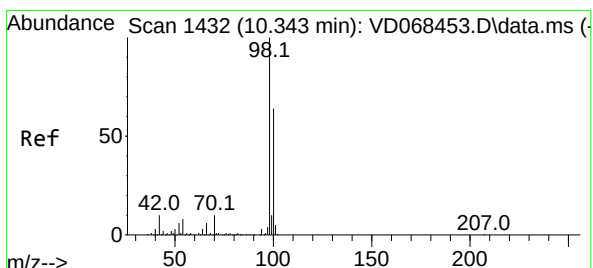
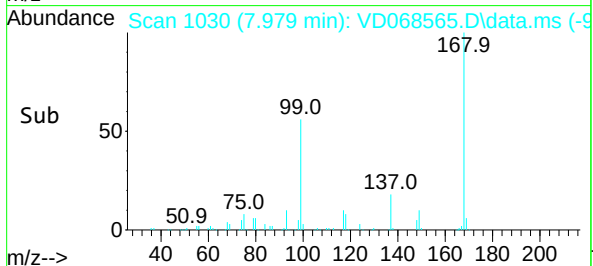
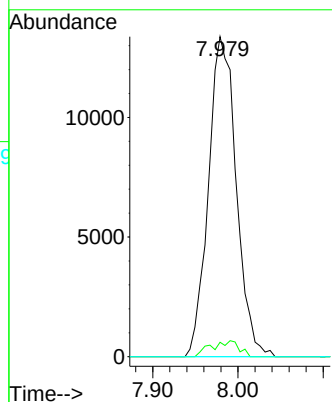


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

Instrument :
MSVOA_D
ClientSampleId :
AU-06-030821

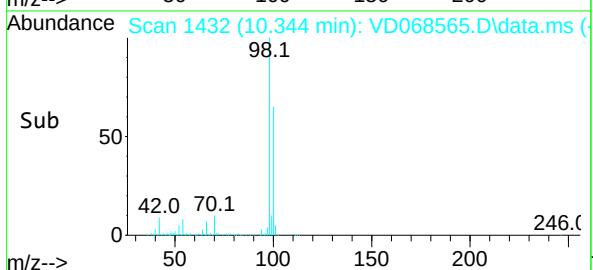
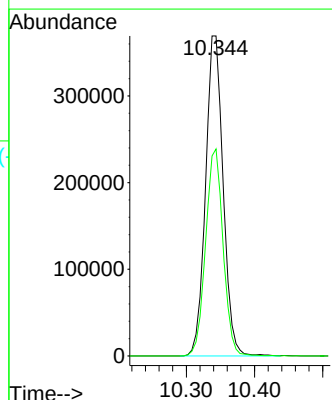
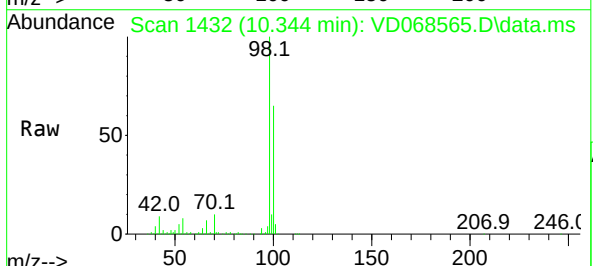


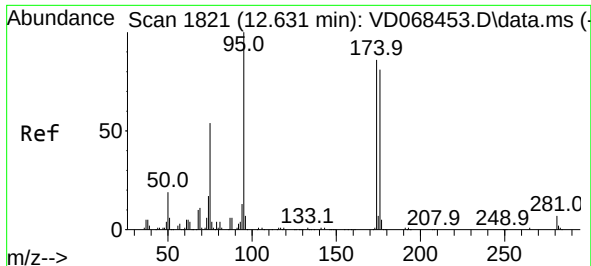
Tgt Ion:117 Resp: 30350
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

Tgt Ion: 98 Resp: 663127
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

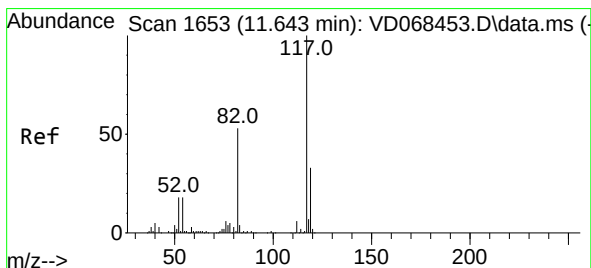
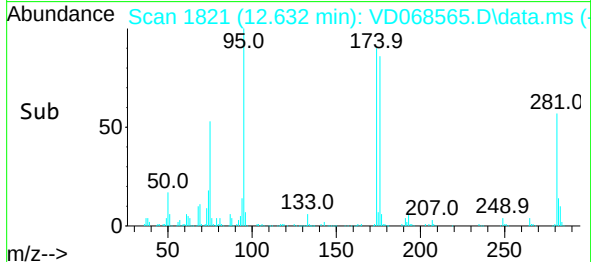
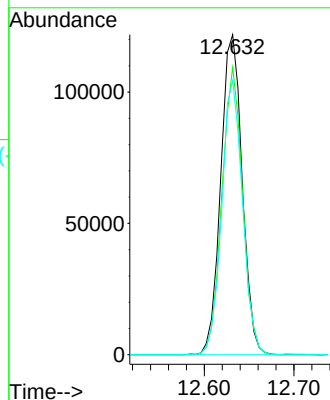
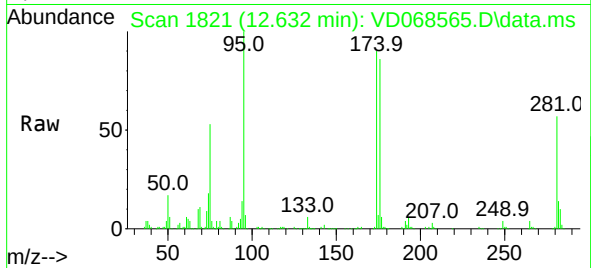




#62
4-Bromofluorobenzene
Concen: 48.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

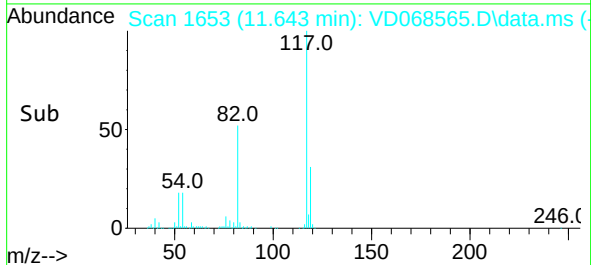
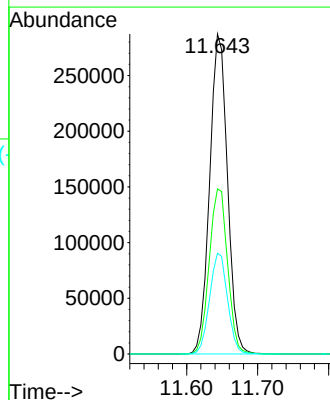
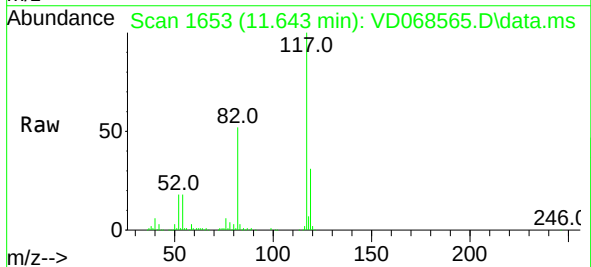
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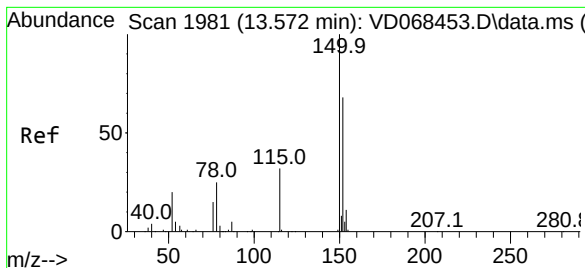
Tgt Ion: 95 Resp: 201952
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 83.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

Tgt Ion: 117 Resp: 499454
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.0
119 31.5 26.1 39.1

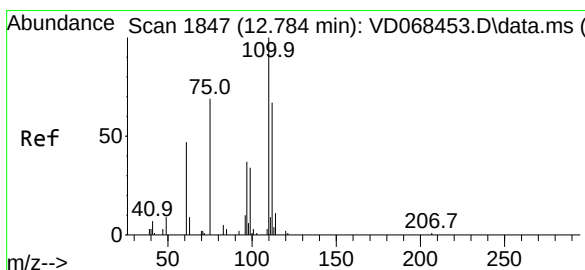
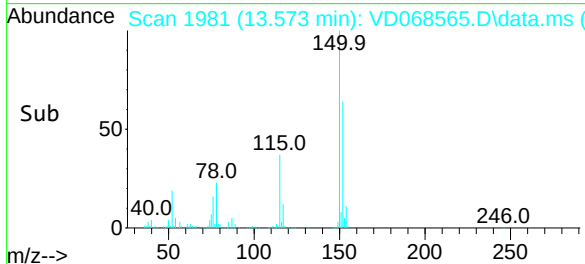
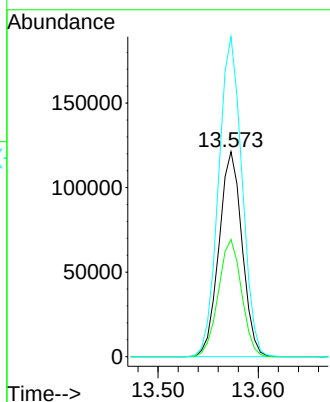
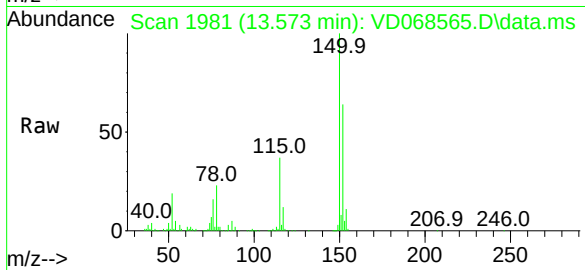




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

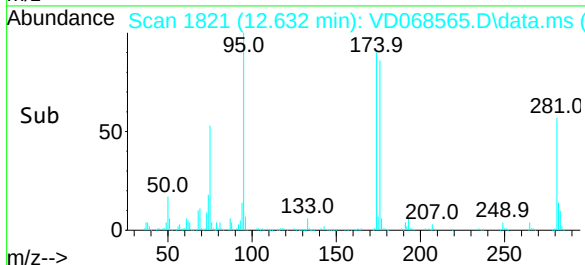
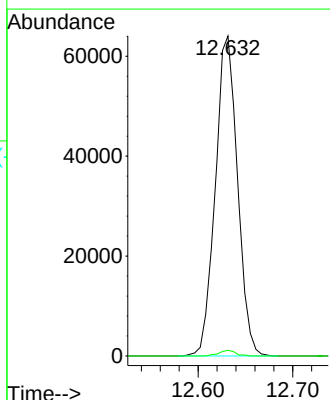
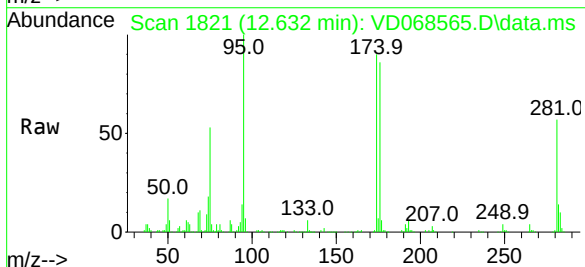
Instrument :
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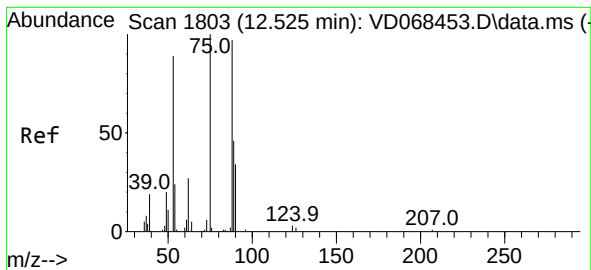
Tgt Ion:152 Resp: 193590
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 158.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 60.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068565.D
Acq: 08 Mar 2021 17:34

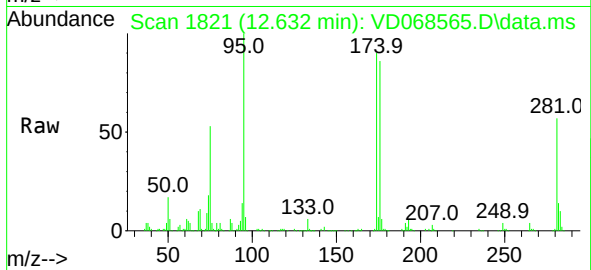
Tgt Ion: 75 Resp: 104329
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.66 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068565.D
 Acq: 08 Mar 2021 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-030821



Tgt Ion: 75 Resp: 104329
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.8 40.3 60.5#

