

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068390.D
 Acq On : 17 Feb 2021 18:30
 Operator : VA/SY
 Sample : M1435-01
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-021721

Quant Time: Feb 18 00:14:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	373256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	725841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	678148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	229409	60.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.24%	
35) Dibromofluoromethane	7.920	113	226416	52.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.10%	
50) Toluene-d8	10.344	98	925466	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.66%	
62) 4-Bromofluorobenzene	12.632	95	297763	51.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.38%	

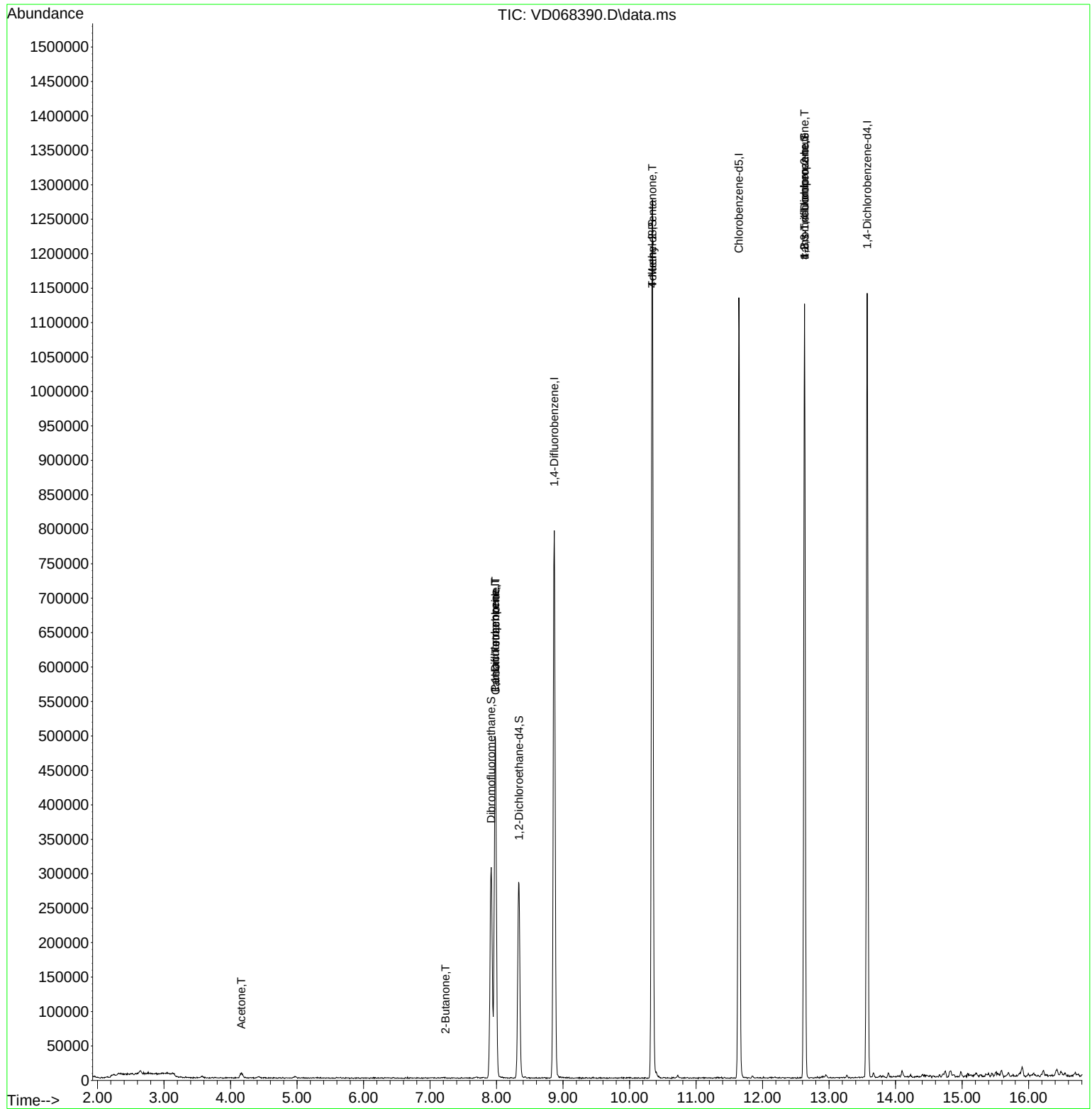
Target Compounds						Qvalue
16) Acetone	4.162	43	12080	20.52	ug/l	94
20) Methylene Chloride	4.962	84	1848	Below Cal	#	55
25) 2-Butanone	7.232	43	1265	1.54	ug/l #	43
31) Cyclohexane	7.985	56	7522	Below Cal	#	15
36) 1,1-Dichloropropene	7.979	75	30380	4.73	ug/l #	46
38) Carbon Tetrachloride	7.985	117	38061	6.21	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	4222	1.98	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	154945	53.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154945	134.51	ug/l #	14

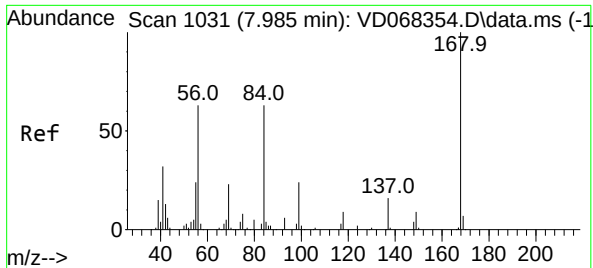
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
Data File : VD068390.D
Acq On : 17 Feb 2021 18:30
Operator : VA/SY
Sample : M1435-01
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

Quant Time: Feb 18 00:14:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

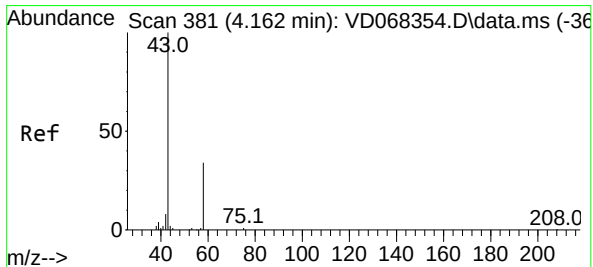
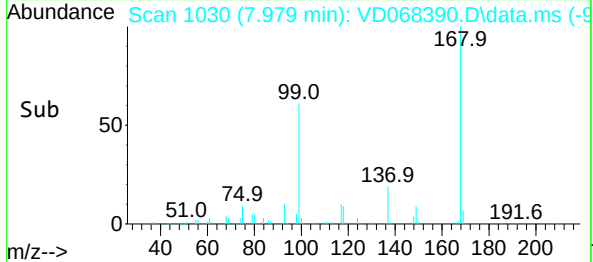
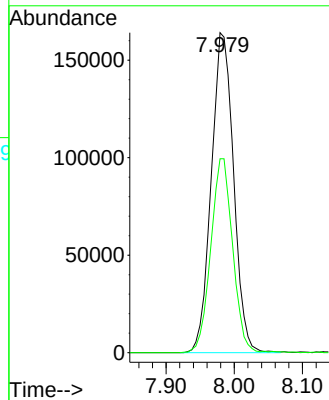
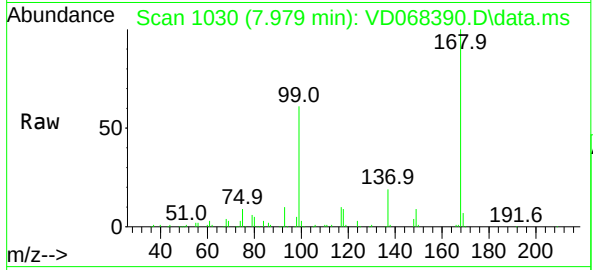




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

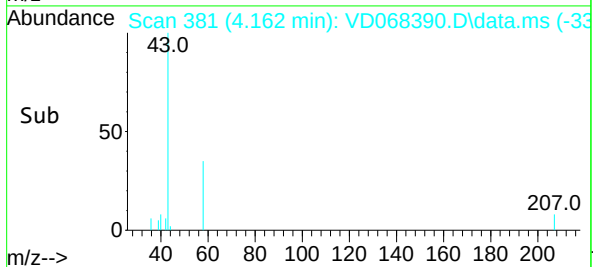
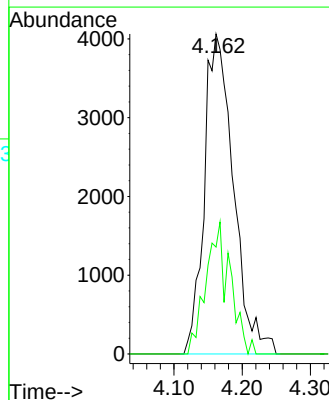
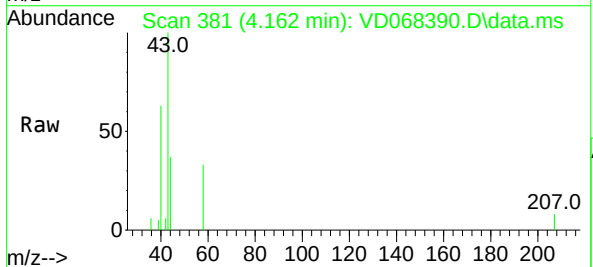
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

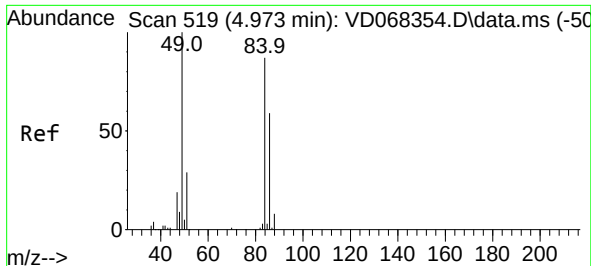
Tgt Ion:168 Resp: 373256
Ion Ratio Lower Upper
168 100
99 60.6 43.5 65.3



#16
Acetone
Concen: 20.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

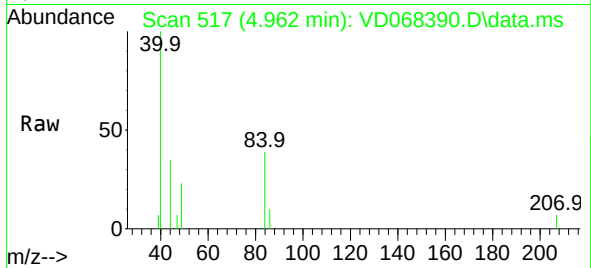
Tgt Ion: 43 Resp: 12080
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4



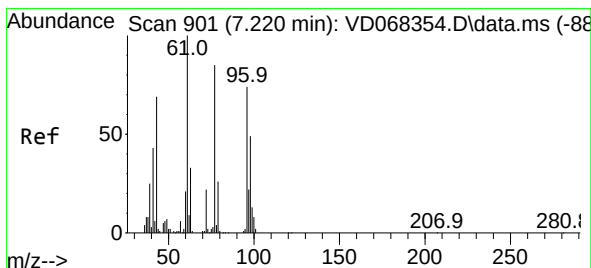
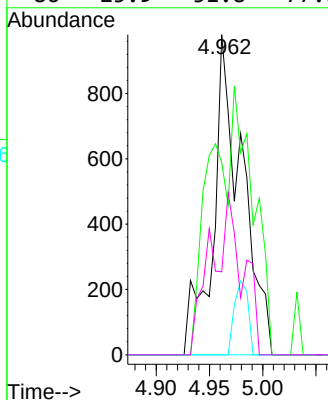
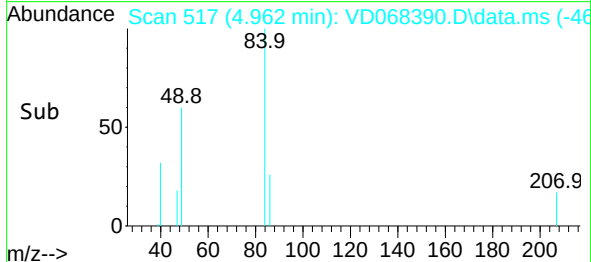


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

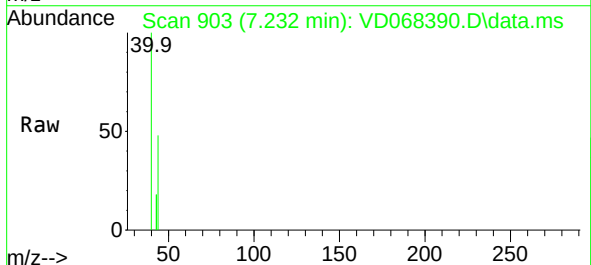
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721



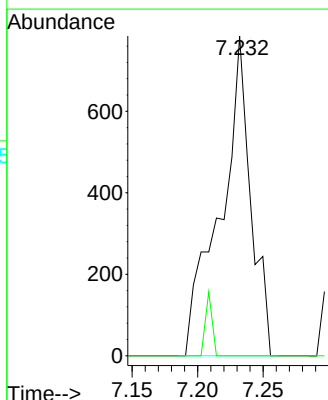
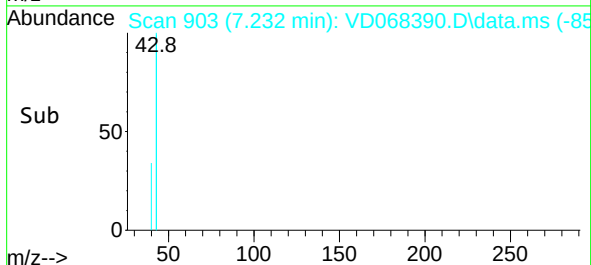
Tgt Ion: 84 Resp: 1848
Ion Ratio Lower Upper
84 100
49 60.1 77.4 116.2#
51 0.0 26.1 39.1#
86 25.9 51.8 77.8#

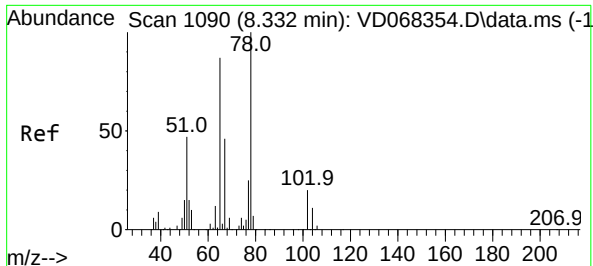


#25
2-Butanone
Concen: 1.54 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.012 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30



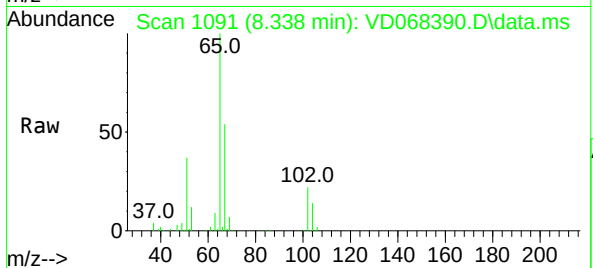
Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



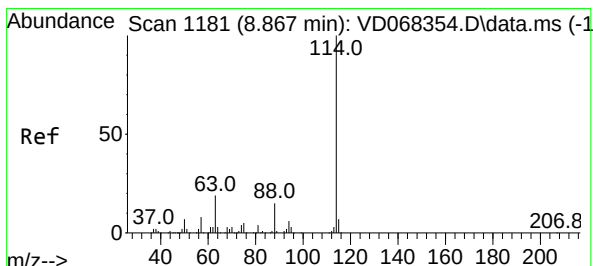
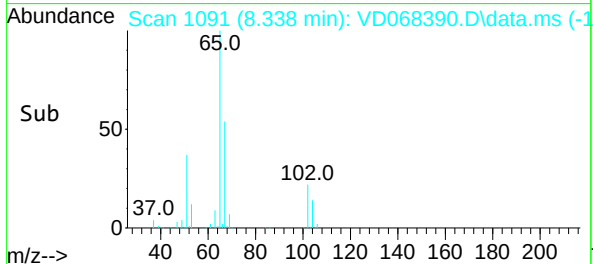
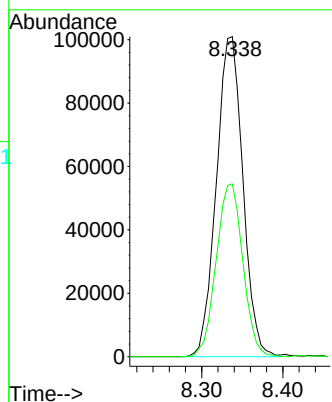


#33
1,2-Dichloroethane-d4
Concen: 60.12 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

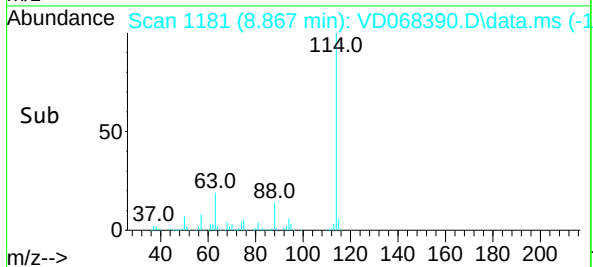
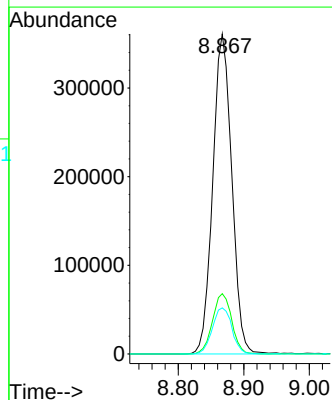
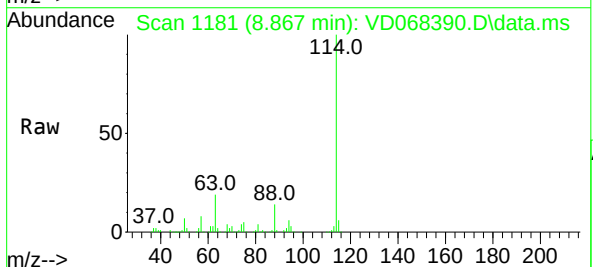


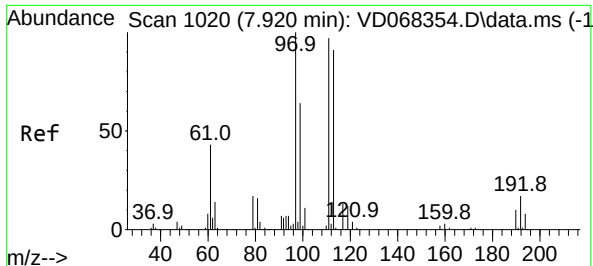
Tgt Ion: 65 Resp: 229409
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 114 Resp: 725841
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 14.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.55 ug/l

RT: 7.920 min Scan# 1020

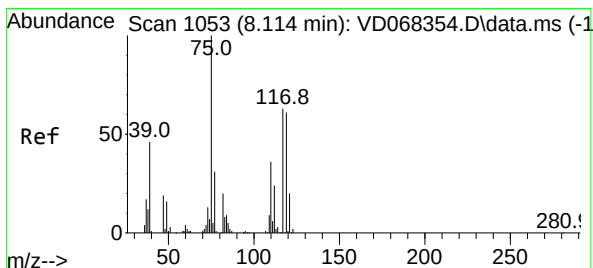
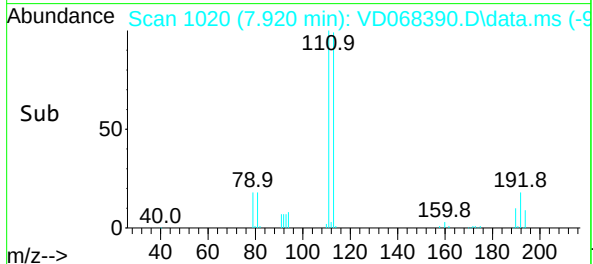
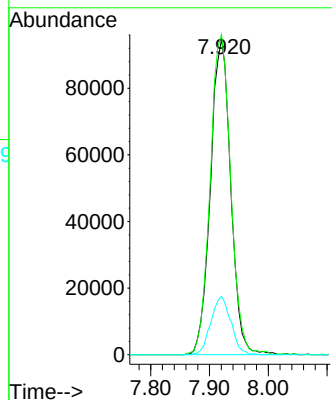
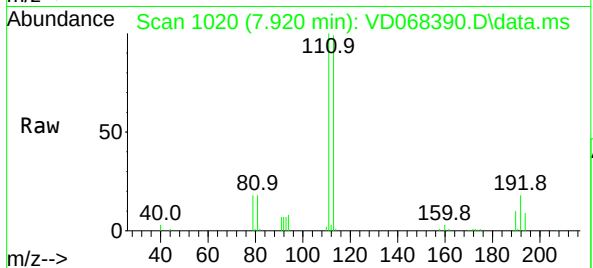
Delta R.T. -0.000 min

Lab File: VD068390.D

Acq: 17 Feb 2021 18:30

Tgt Ion:	113	Resp:	226416
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	18.2	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721



#36

1,1-Dichloropropene

Concen: 4.73 ug/l

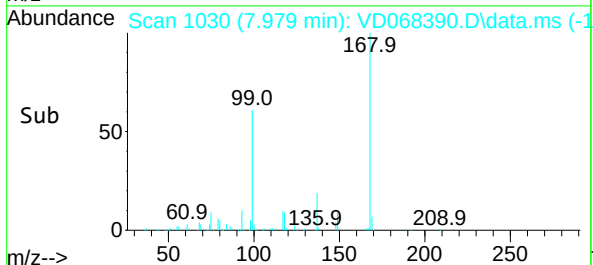
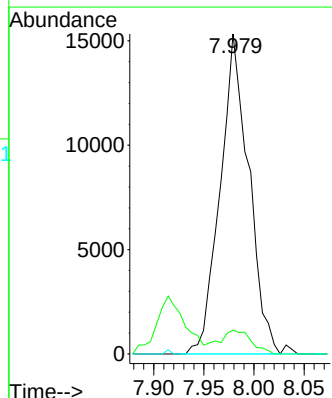
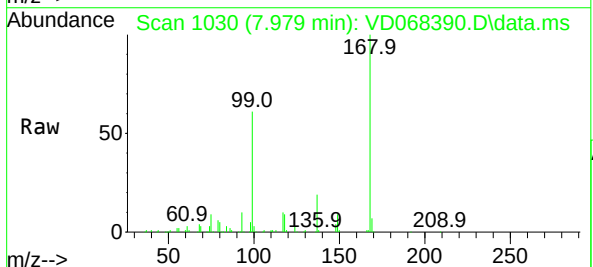
RT: 7.979 min Scan# 1030

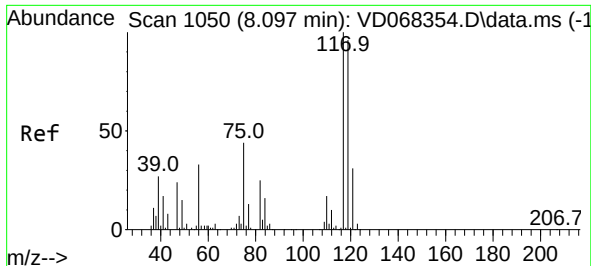
Delta R.T. -0.135 min

Lab File: VD068390.D

Acq: 17 Feb 2021 18:30

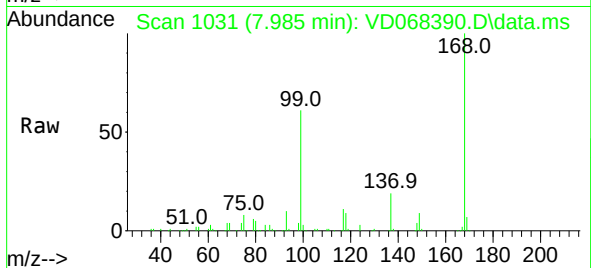
Tgt Ion:	75	Resp:	30380
Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.4	58.2#
77	0.0	25.3	37.9#



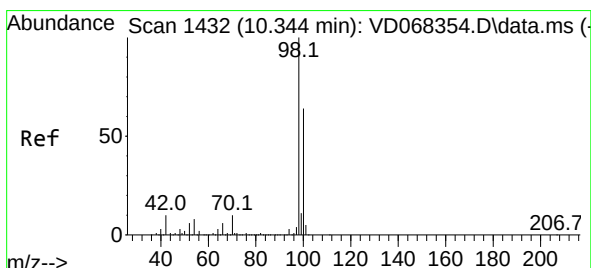
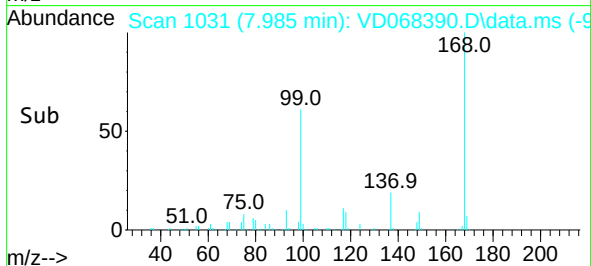
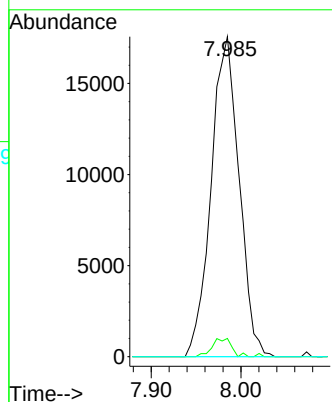


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

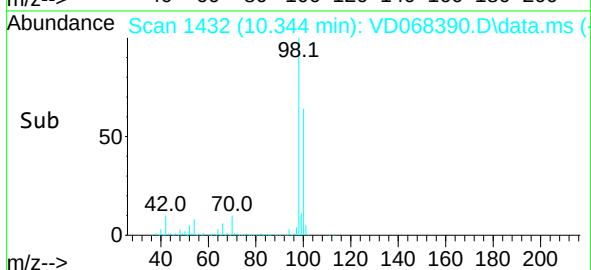
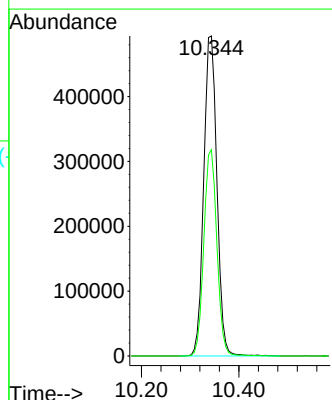
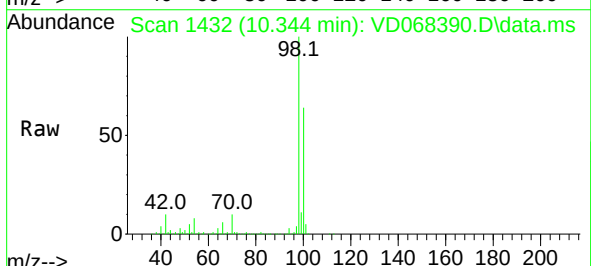


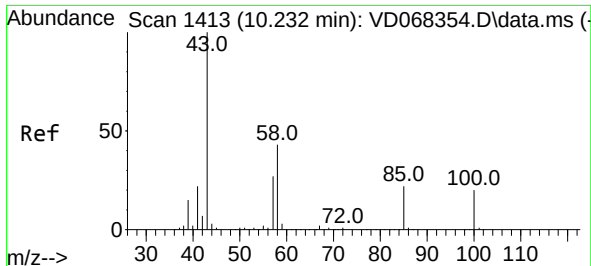
Tgt Ion:117 Resp: 38061
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 98 Resp: 925466
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4

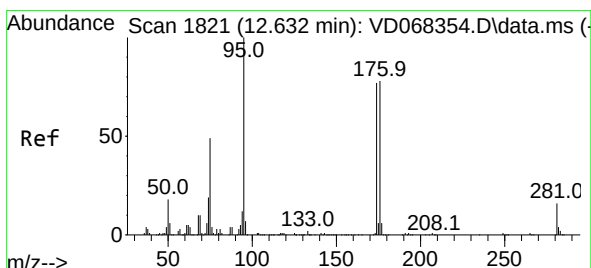
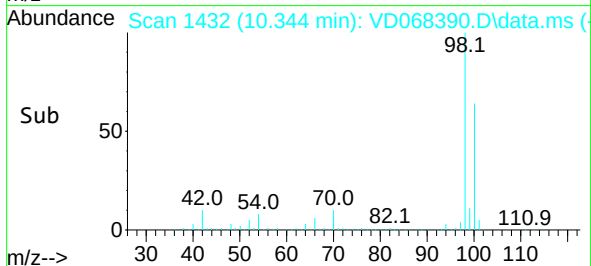
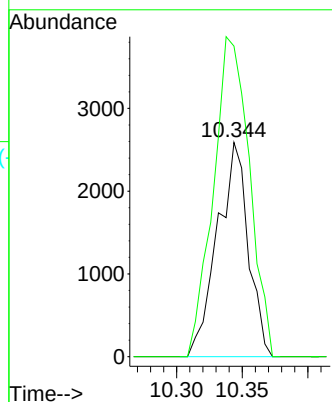
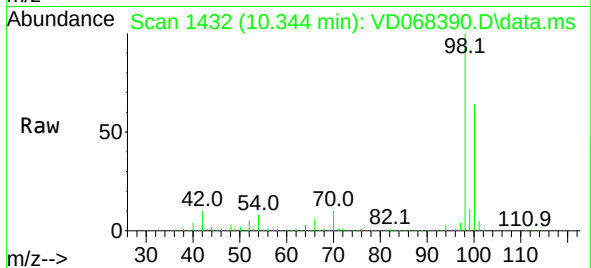




#51
4-Methyl-2-Pentanone
Concen: 1.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

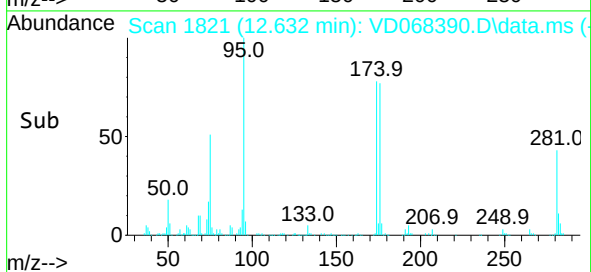
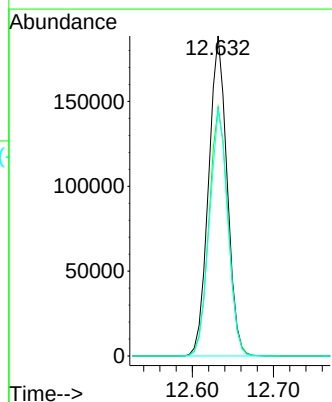
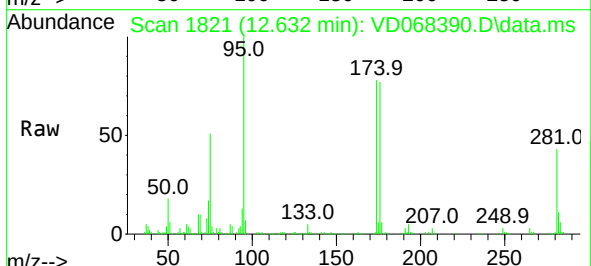
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

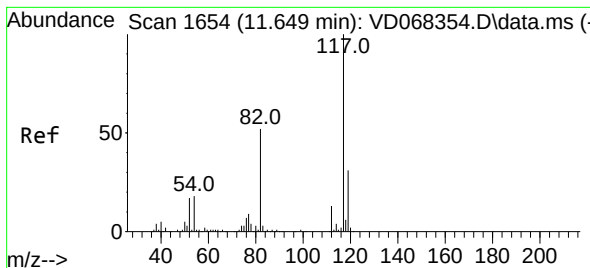
Tgt Ion: 43 Resp: 4222
Ion Ratio Lower Upper
43 100
58 174.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 95 Resp: 297763
Ion Ratio Lower Upper
95 100
174 79.4 0.0 172.4
176 76.7 0.0 168.4

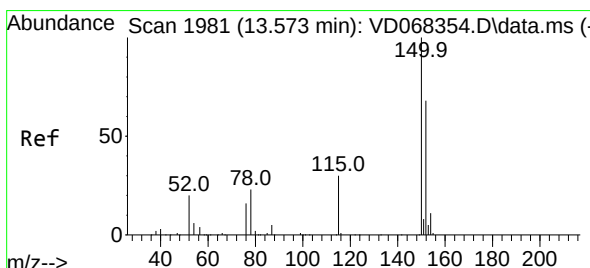
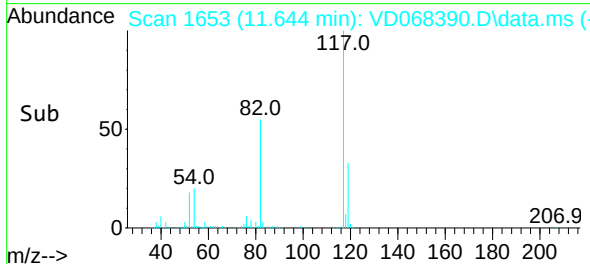
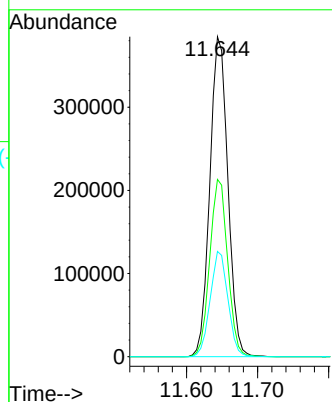
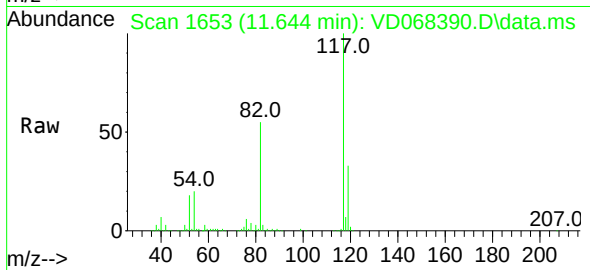




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

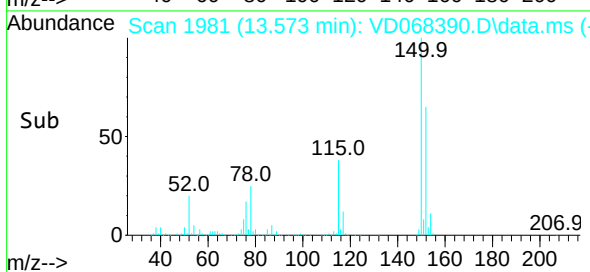
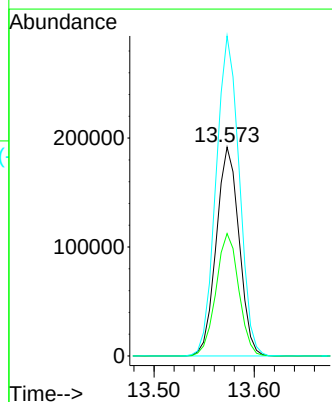
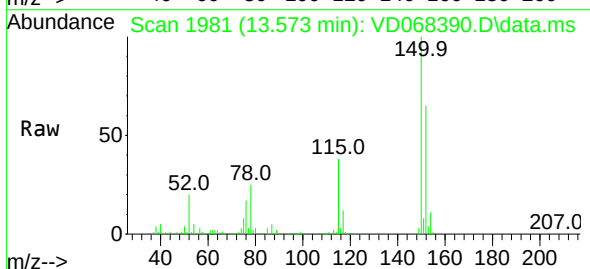
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

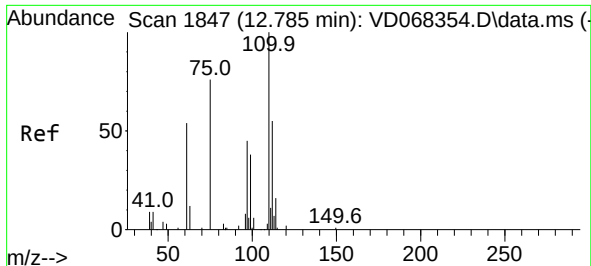
Tgt Ion:117 Resp: 678148
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion:152 Resp: 303427
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 155.6 0.0 344.4

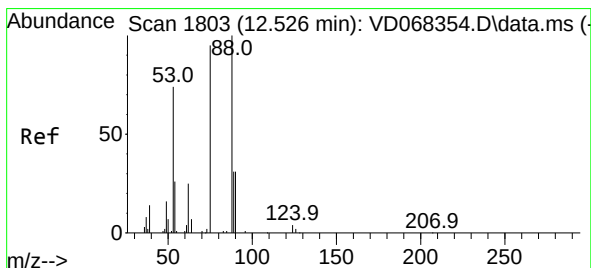
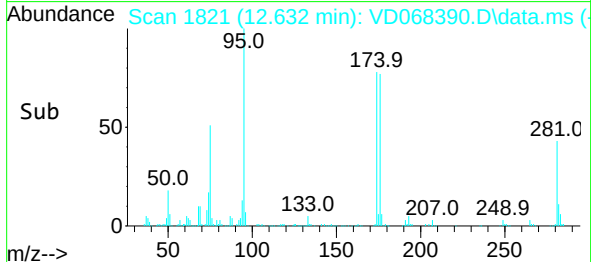
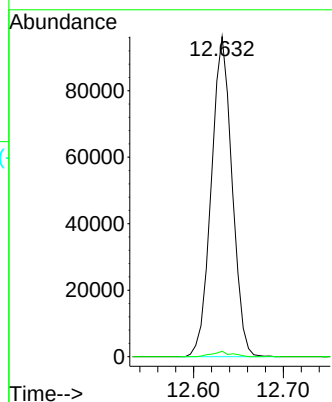
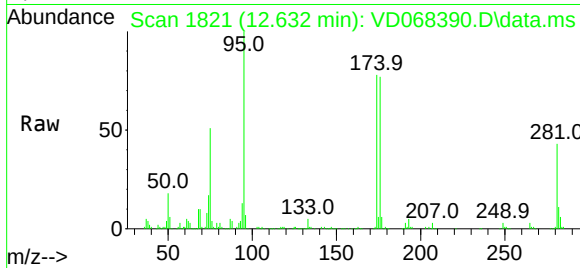




#76
1,2,3-Trichloropropane
Concen: 53.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Instrument :
MSVOA_D
ClientSampleID :
SU-04-021721

Tgt Ion: 75 Resp: 154945
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 75 Resp: 154945
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

