

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068566.D
 Acq On : 08 Mar 2021 18:02
 Operator : VA/SY
 Sample : M1602-01
 Misc : 7.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-030821

Quant Time: Mar 09 00:12:29 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)

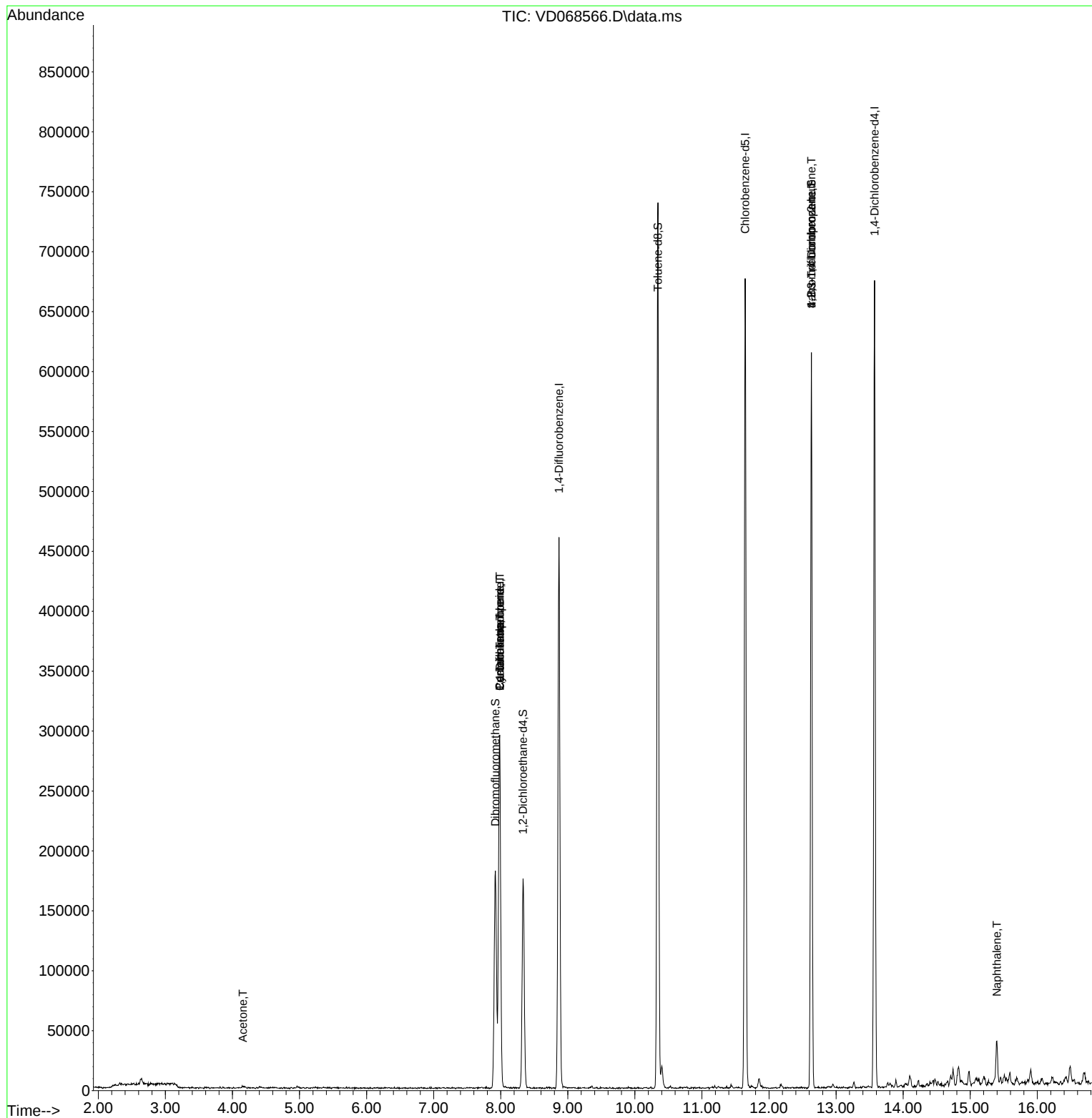
Internal Standards						
1) Pentafluorobenzene	7.985	168	233278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	412032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	409215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	178110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	137664	59.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.12%			
35) Dibromofluoromethane	7.920	113	132378	53.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.66%			
50) Toluene-d8	10.344	98	519858	52.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.16%			
62) 4-Bromofluorobenzene	12.632	95	170277	53.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.88%			
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	1377	3.72	ug/l #	88
20) Methylene Chloride	4.968	84	945	Below Cal	#	60
31) Cyclohexane	7.985	56	4976	1.17	ug/l #	12
36) 1,1-Dichloropropene	7.985	75	17299	4.42	ug/l #	49
38) Carbon Tetrachloride	7.985	117	22153	6.02	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	86441	54.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	86441	127.58	ug/l #	14
95) Naphthalene	15.396	128	33045	4.73	ug/l	98

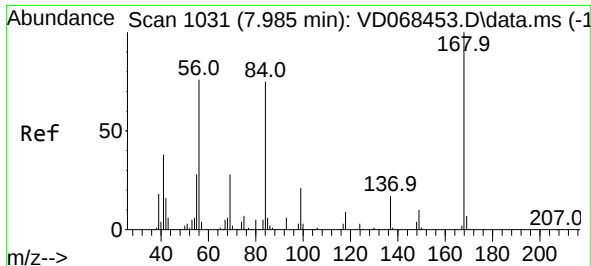
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 00:12:29 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

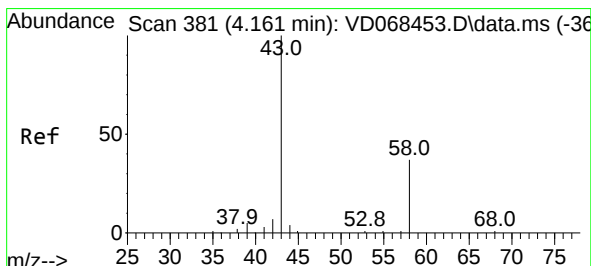
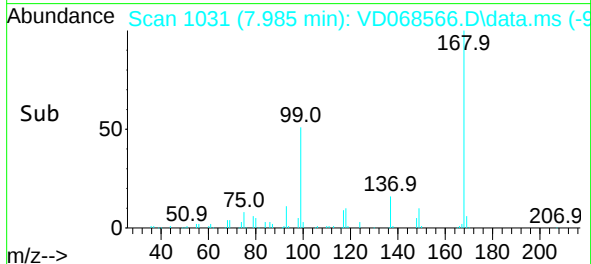
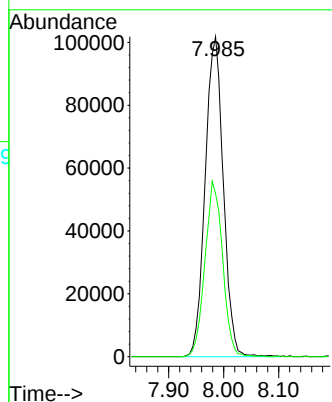
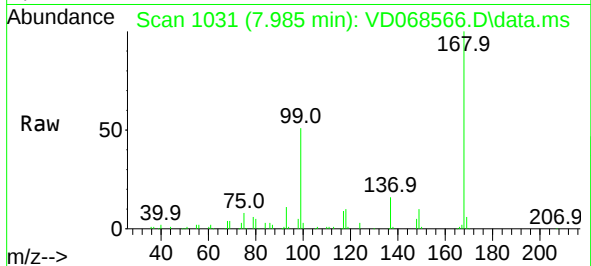




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

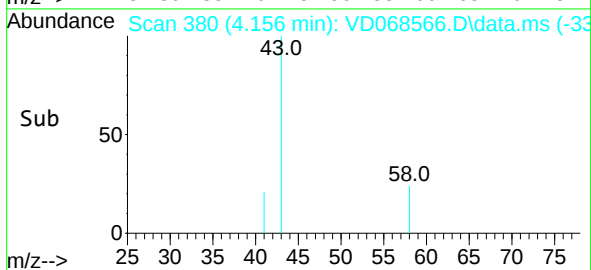
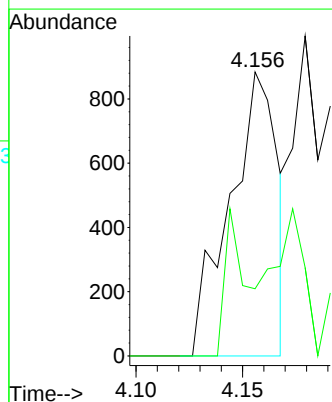
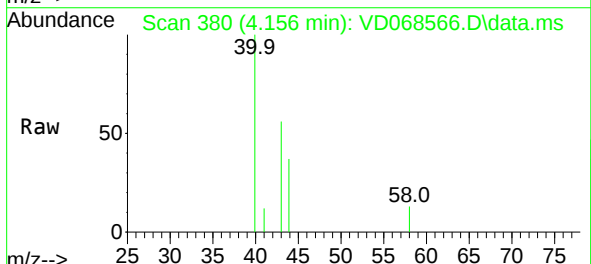
Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

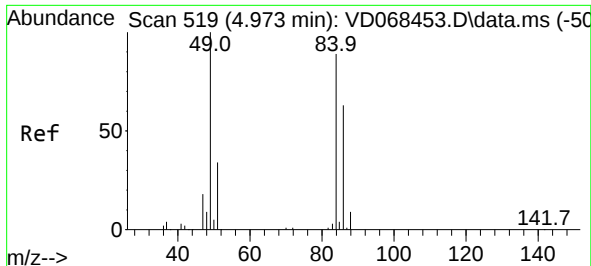
Tgt Ion:168 Resp: 233278
Ion Ratio Lower Upper
168 100
99 51.0 43.5 65.3



#16
Acetone
Concen: 3.72 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

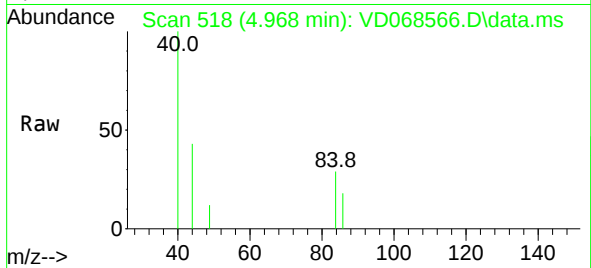
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 23.6 24.2 36.4#



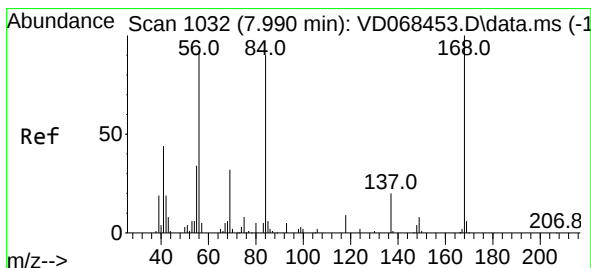
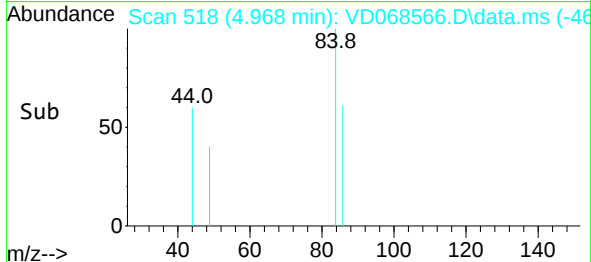
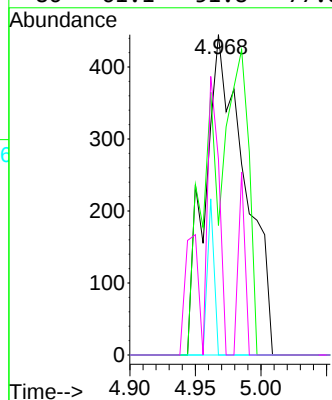


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

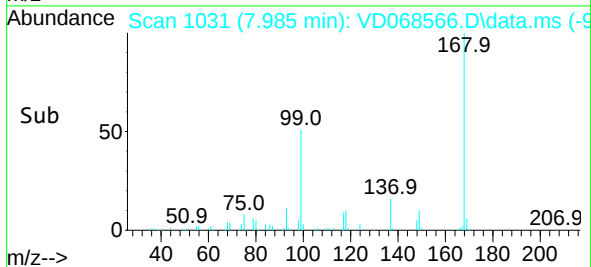
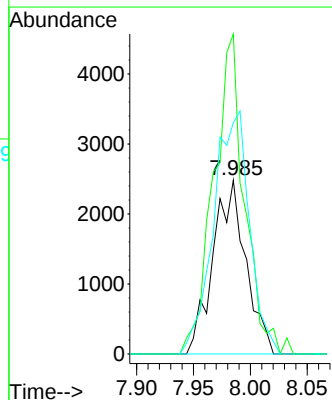
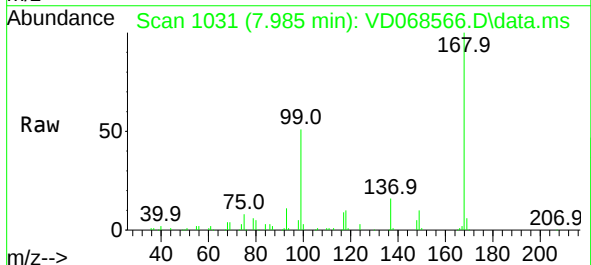


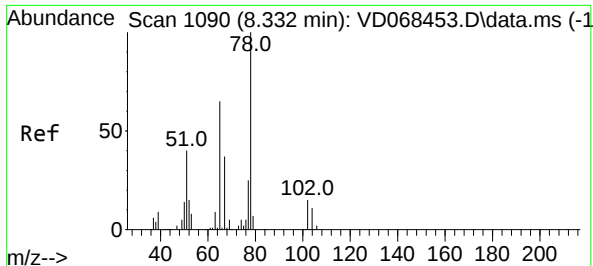
Tgt Ion: 84 Resp: 945
Ion Ratio Lower Upper
84 100
49 40.4 77.4 116.2#
51 0.0 26.1 39.1#
86 61.1 51.8 77.8



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 56 Resp: 4976
Ion Ratio Lower Upper
56 100
69 184.1 30.1 45.1#
84 133.1 82.1 123.1#

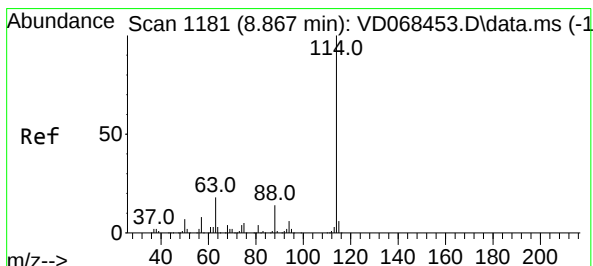
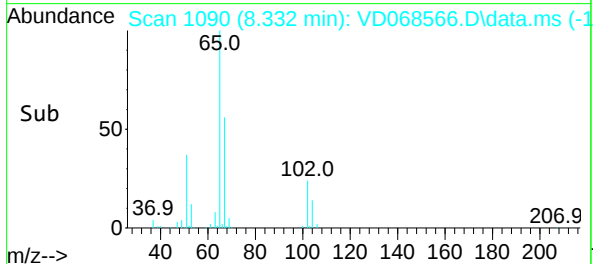
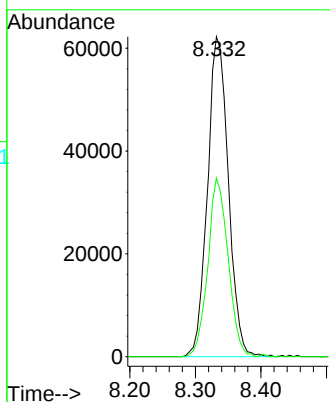
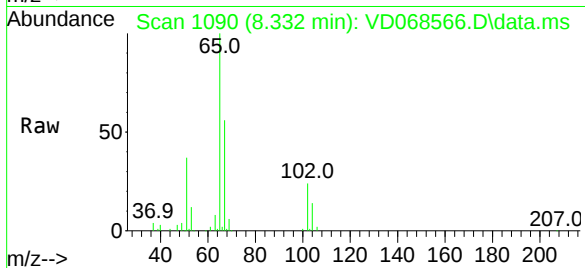




#33
1,2-Dichloroethane-d4
Concen: 59.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

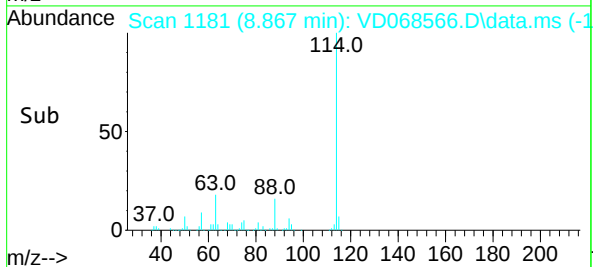
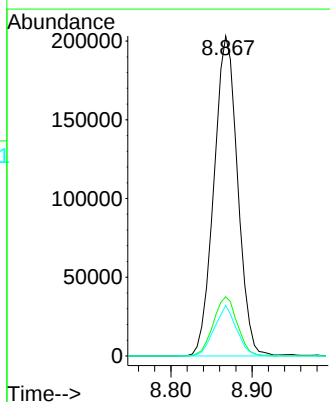
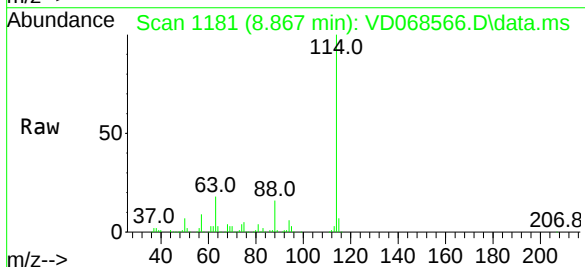
Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

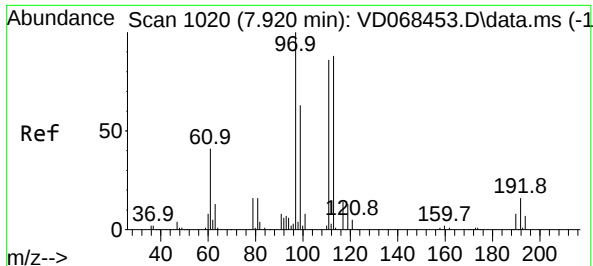
Tgt Ion: 65 Resp: 137664
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 114 Resp: 412032
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.33 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.001 min

Lab File: VD068566.D

Acq: 08 Mar 2021 18:02

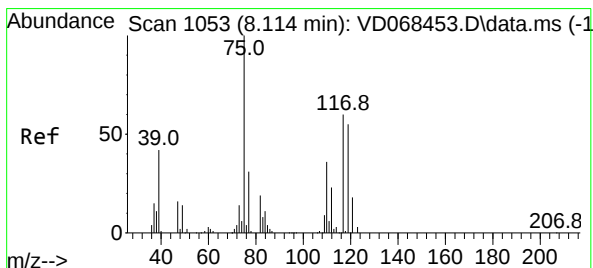
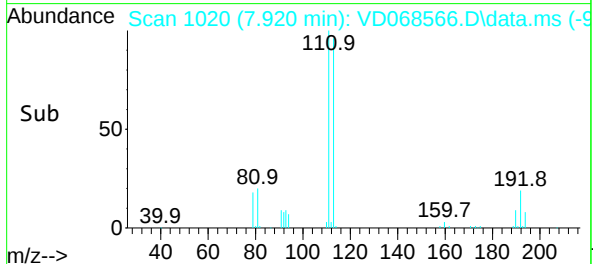
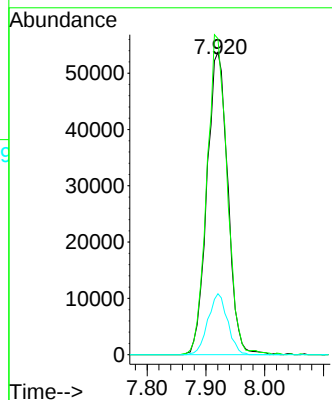
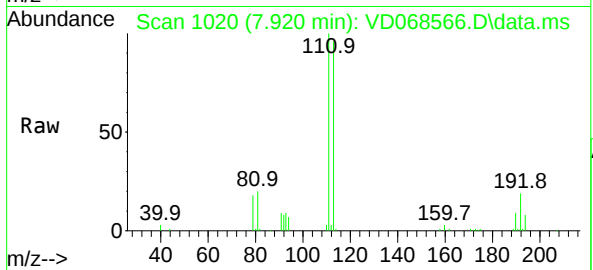
Tgt Ion:113 Resp: 132378

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.42 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068566.D

Acq: 08 Mar 2021 18:02

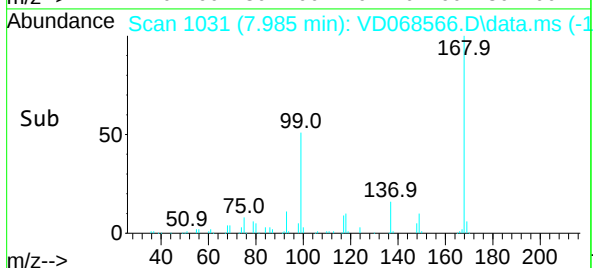
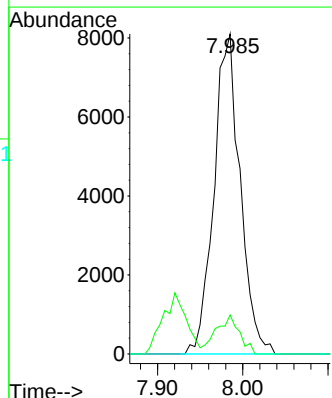
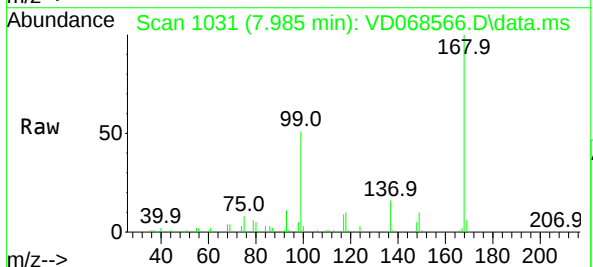
Tgt Ion: 75 Resp: 17299

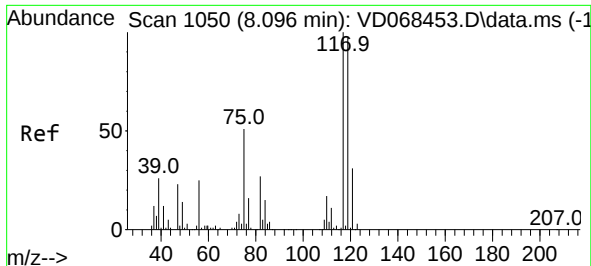
Ion Ratio Lower Upper

75 100

110 10.9 19.4 58.2#

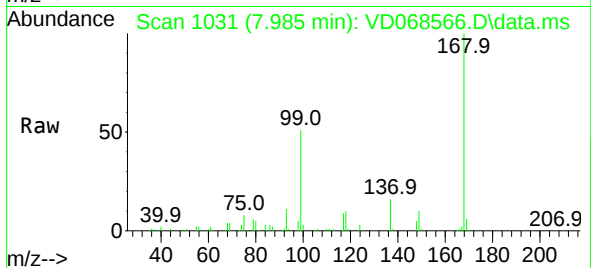
77 0.0 25.3 37.9#



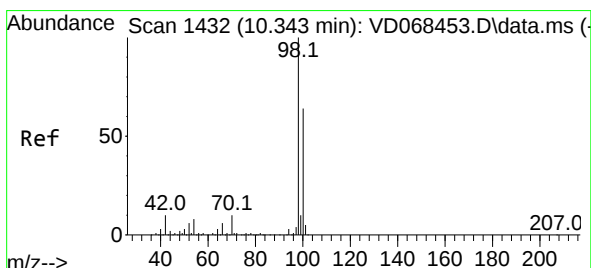
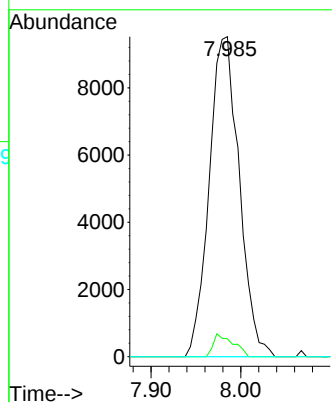
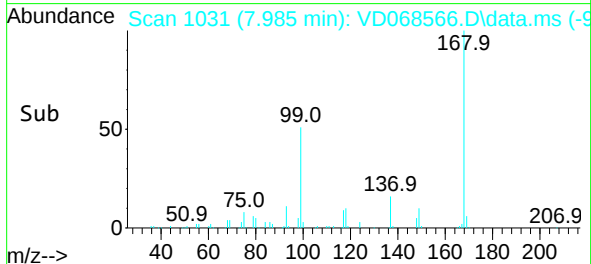


#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

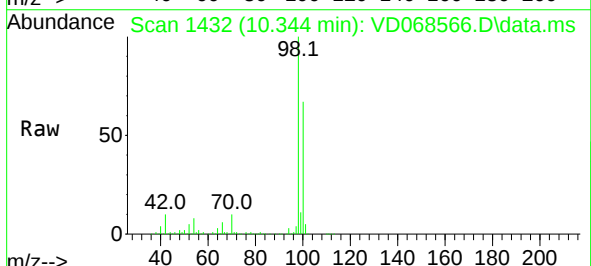
Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821



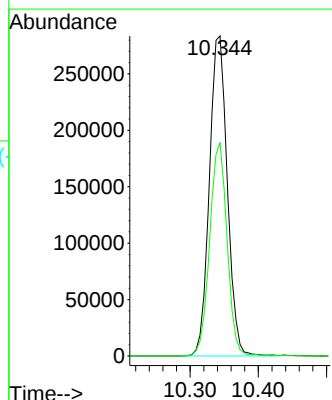
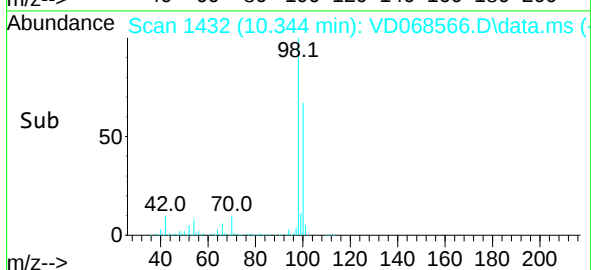
Tgt Ion:117 Resp: 22153
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.7 37.1#

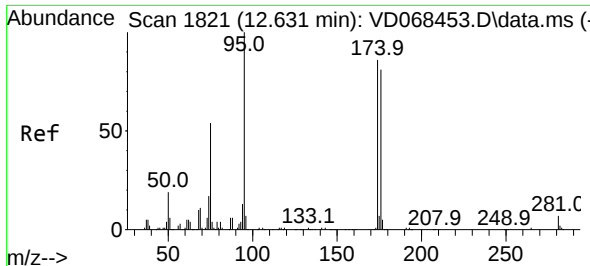


#50
Toluene-d8
Concen: 52.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02



Tgt Ion: 98 Resp: 519858
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4

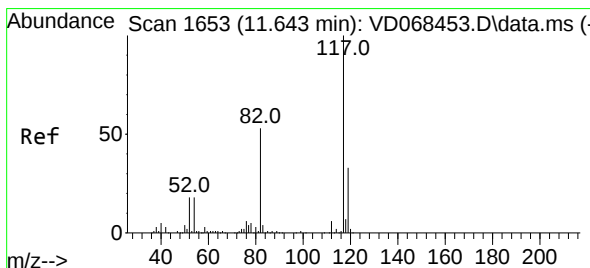
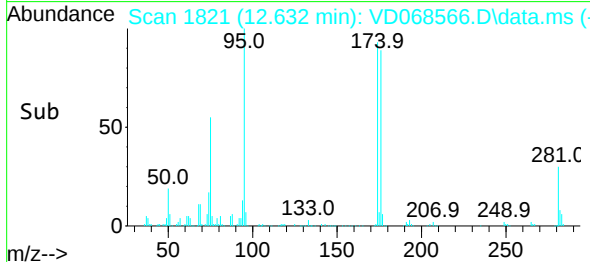
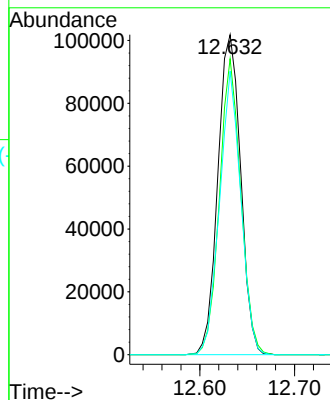
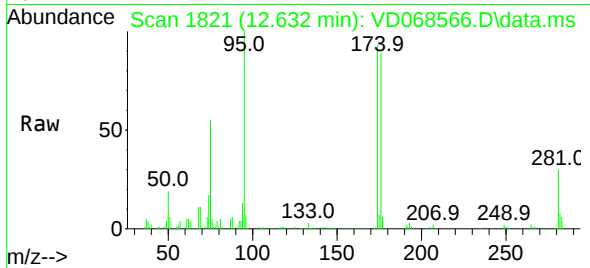




#62
4-Bromofluorobenzene
Concen: 53.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

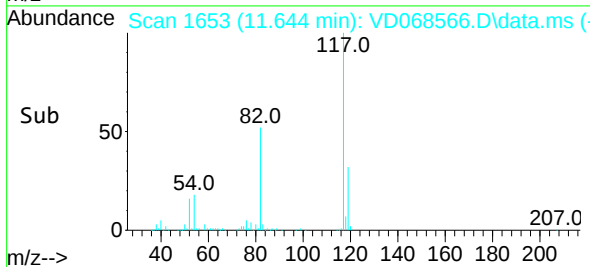
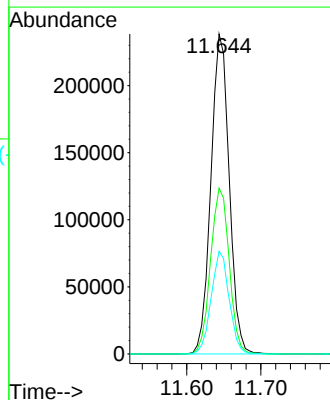
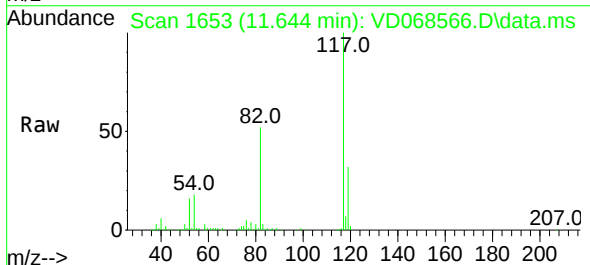
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ClientSampleId :
SU-02-030821

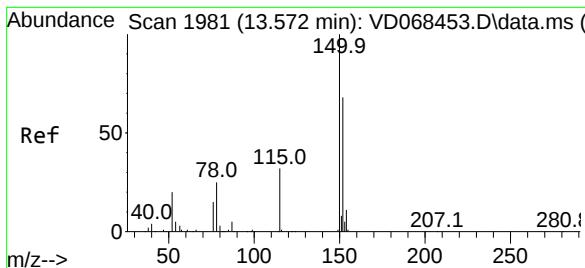
Tgt Ion: 95 Resp: 170277
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.4
176 82.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 117 Resp: 409215
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 32.1 26.1 39.1

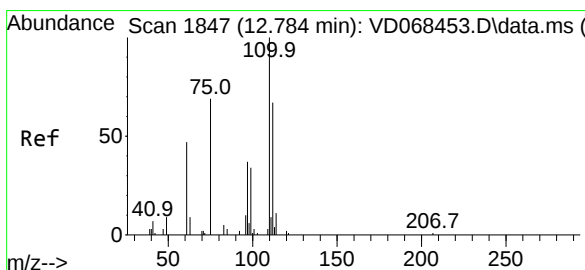
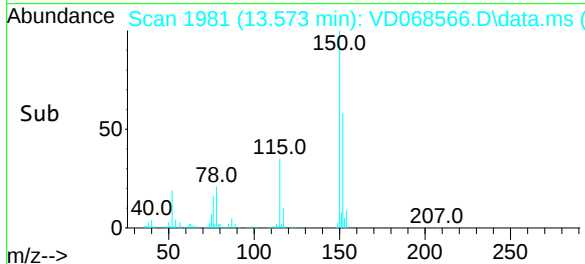
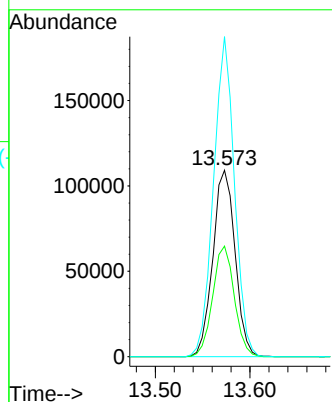
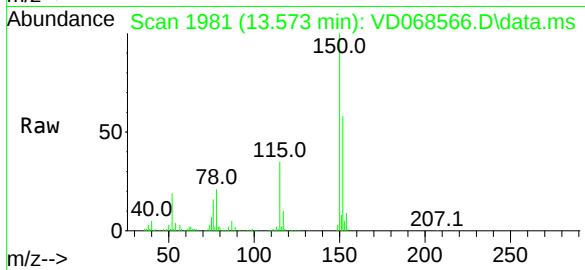




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

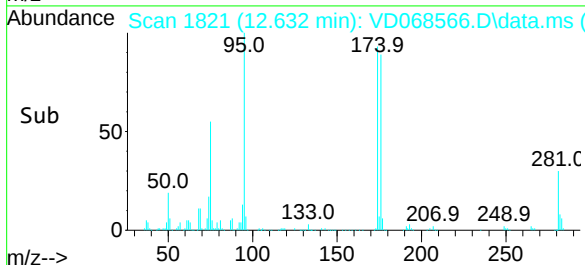
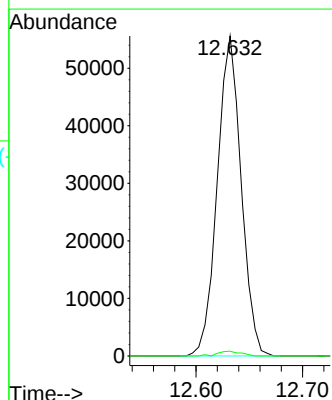
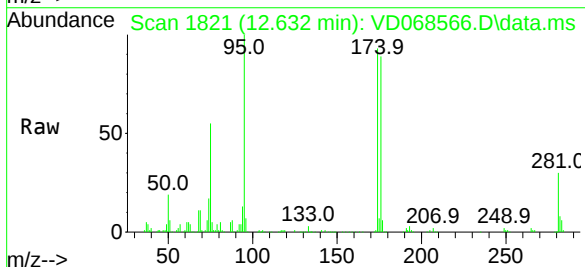
Instrument :
MSVOA_D
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SU-02-030821

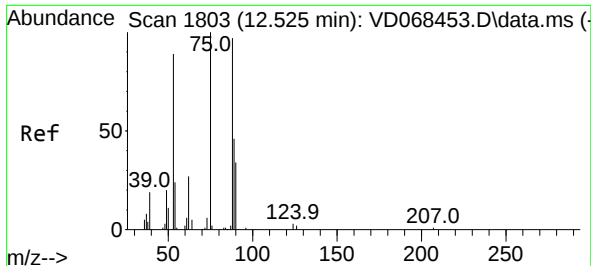
Tgt Ion:152 Resp: 178110
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 161.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 75 Resp: 86441
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

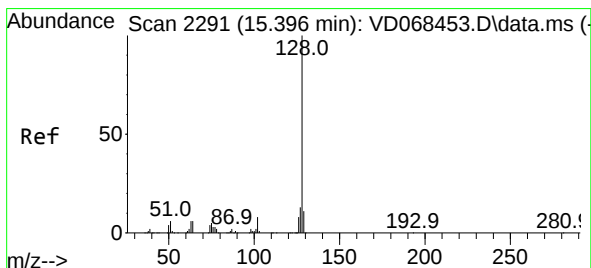
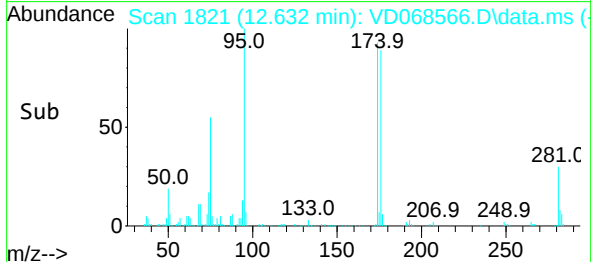
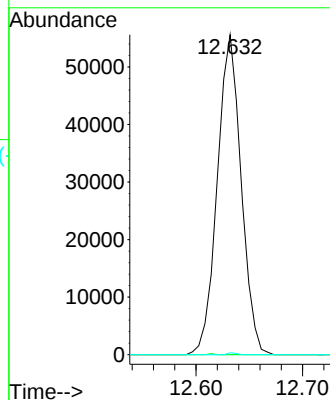
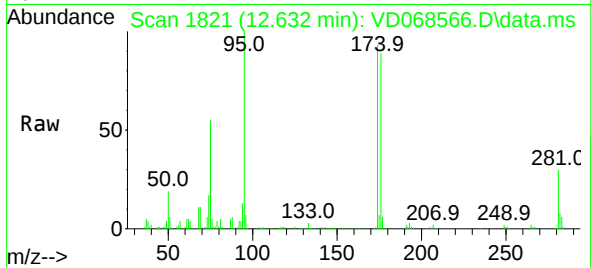




#81
trans-1,4-Dichloro-2-butene
Concen: 127.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

Tgt Ion: 75 Resp: 86441
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.2 40.3 60.5#



#95
Naphthalene
Concen: 4.73 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 128 Resp: 33045
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.2 8.8 13.2

