

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070325.D
 Acq On : 13 Sep 2021 14:32
 Operator : VA/SY
 Sample : M3719-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-091021

Quant Time: Sep 14 00:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

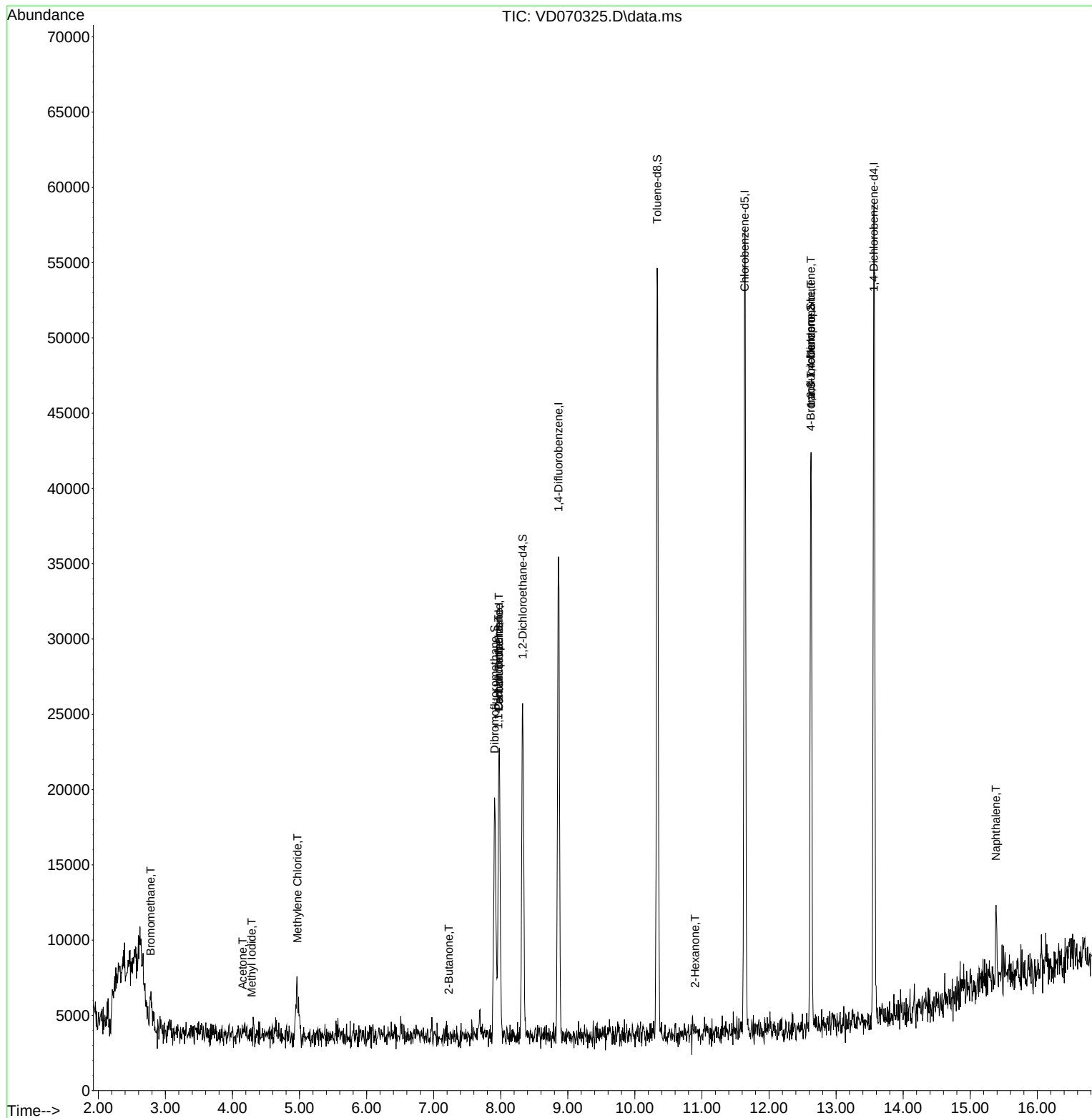
Internal Standards						
1) Pentafluorobenzene	7.973	168	14005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	34499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17014	94.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.220%#	
35) Dibromofluoromethane	7.909	113	11858	61.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.160%	
50) Toluene-d8	10.332	98	36832	52.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.620	95	13208	54.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.120%	
Target Compounds						
						Qvalue
5) Bromomethane	2.779	94	1740	8.705	ug/l #	44
6) Chloroethane	2.938	64	63	Below Cal	#	43
10) Methyl Iodide	4.285	142	127	1.747	ug/l #	1
16) Acetone	4.150	43	483	15.044	ug/l #	36
20) Methylene Chloride	4.968	84	3244	10.472	ug/l #	69
25) 2-Butanone	7.226	43	59	1.381	ug/l #	47
36) 1,1-Dichloropropene	7.967	75	1022	3.534	ug/l #	41
38) Carbon Tetrachloride	7.973	117	873	3.053	ug/l #	12
59) 2-Hexanone	10.897	43	84	1.217	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	7064	46.949	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	7064	117.634	ug/l #	17
95) Naphthalene	15.385	128	3753	8.650	ug/l	97

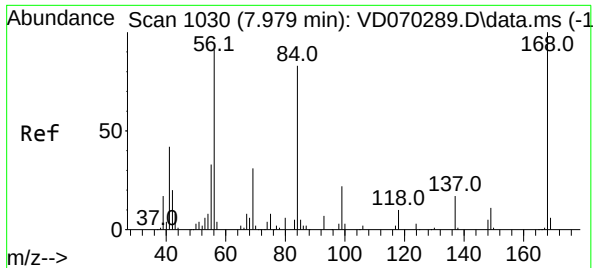
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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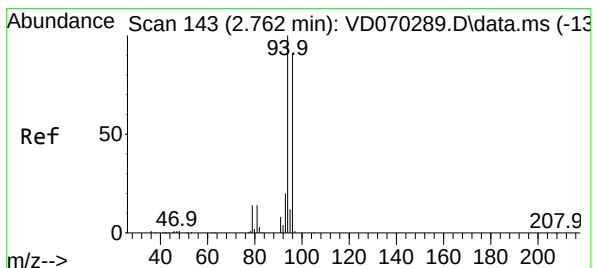
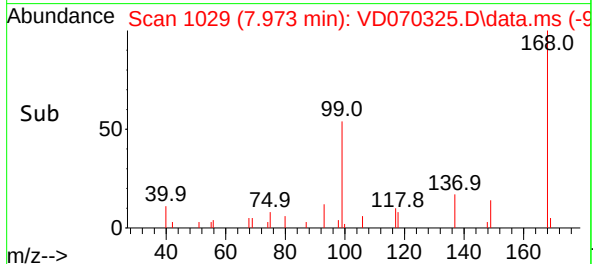
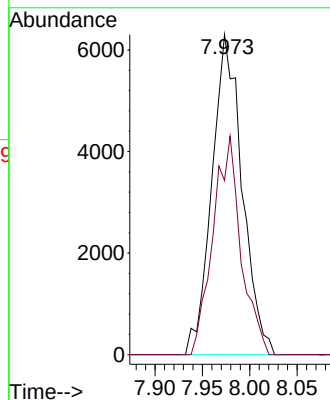
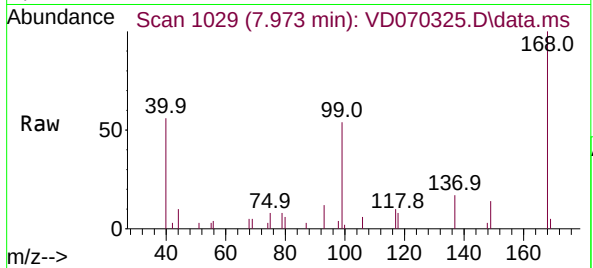




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

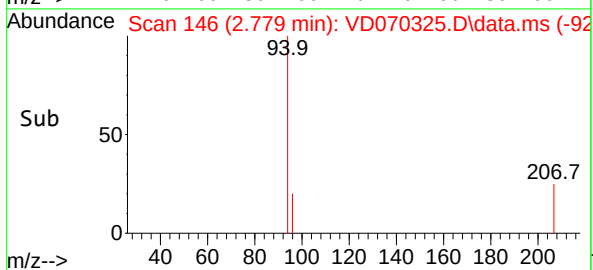
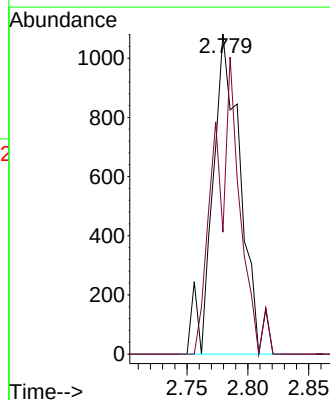
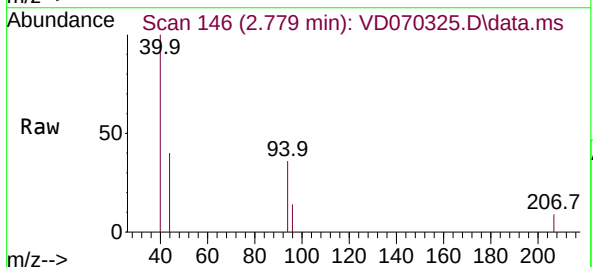
Instrument :
MSVOA_D
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SU-04-091021

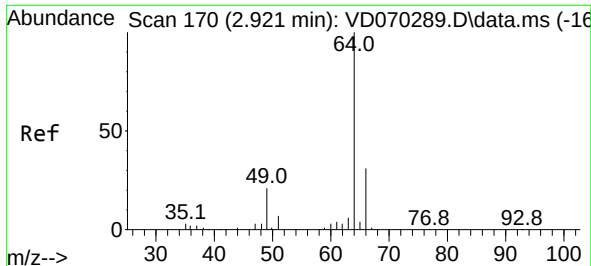
Tgt Ion:168 Resp: 14005
Ion Ratio Lower Upper
168 100
99 54.4 50.8 76.2



#5
Bromomethane
Concen: 8.705 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 94 Resp: 1740
Ion Ratio Lower Upper
94 100
96 38.1 73.0 109.6#

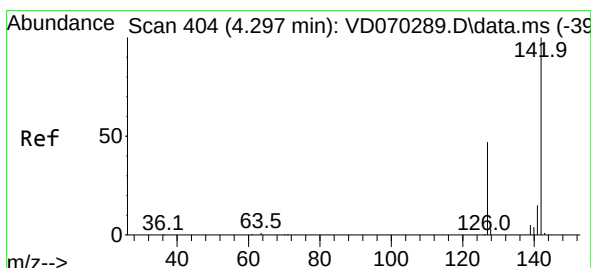
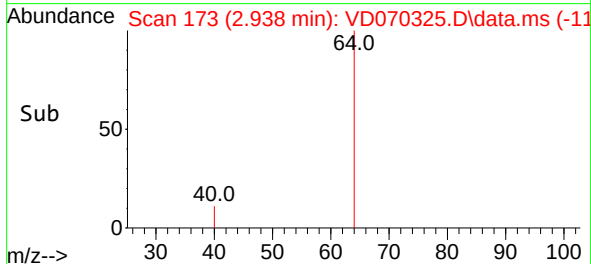
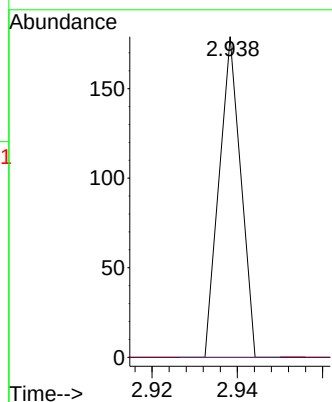
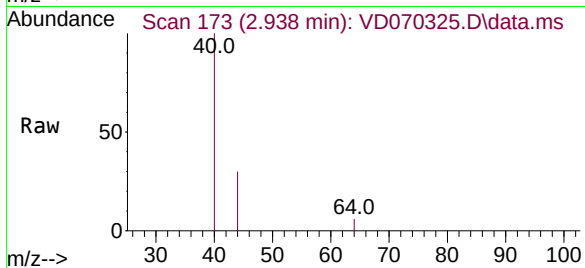




#6
Chloroethane
Concen: Below Cal
RT: 2.938 min Scan# 173
Delta R.T. 0.017 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

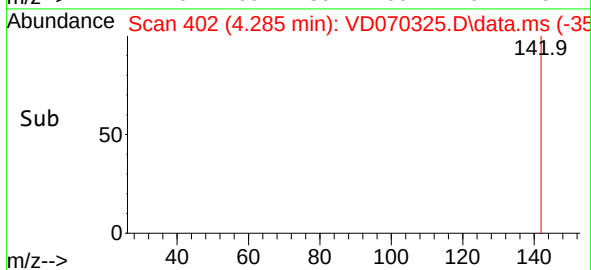
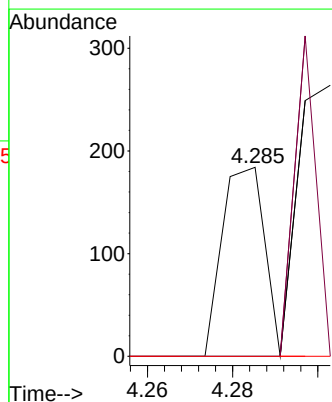
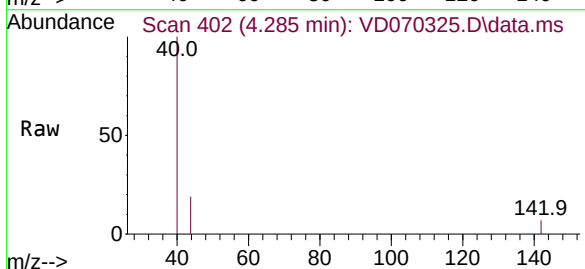
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

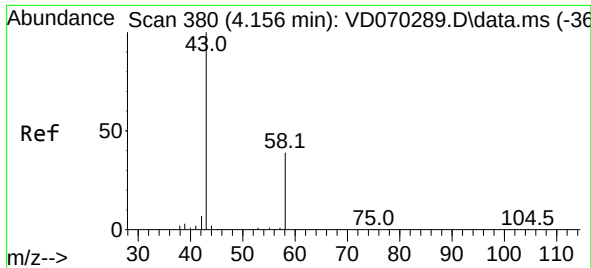
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.747 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 142 Resp: 127
Ion Ratio Lower Upper
142 100
127 133.1 36.9 55.3#
141 0.0 11.8 17.6#

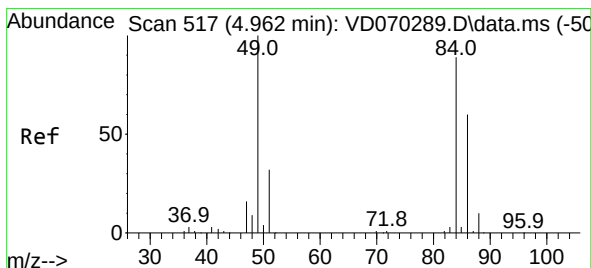
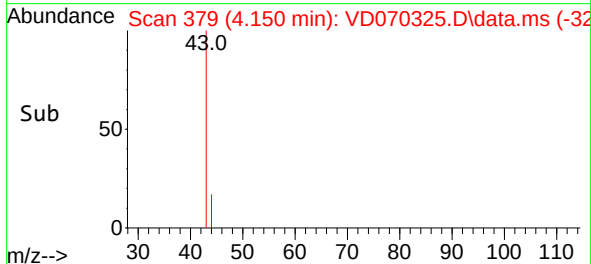
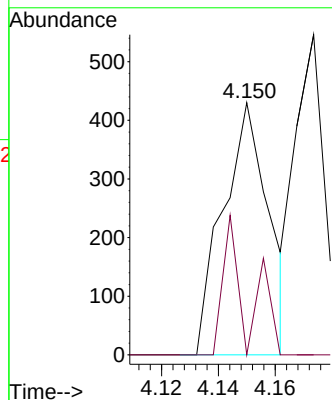
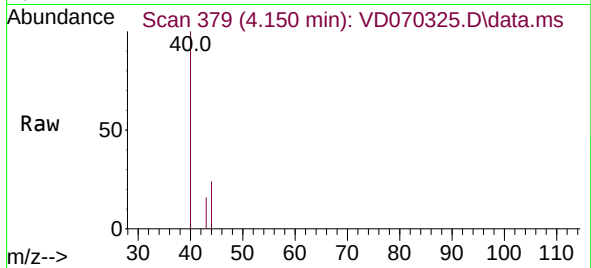




#16
Acetone
Concen: 15.044 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

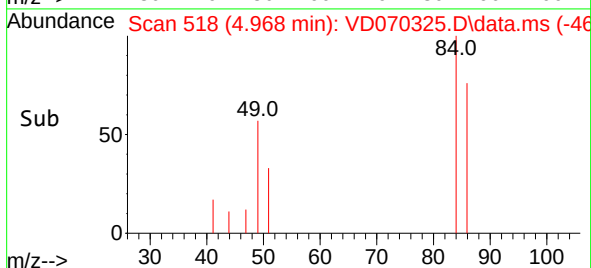
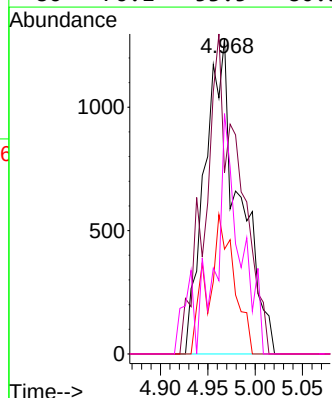
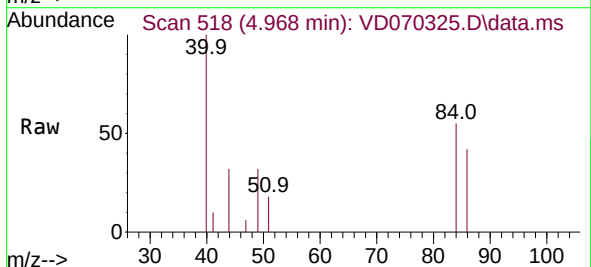
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

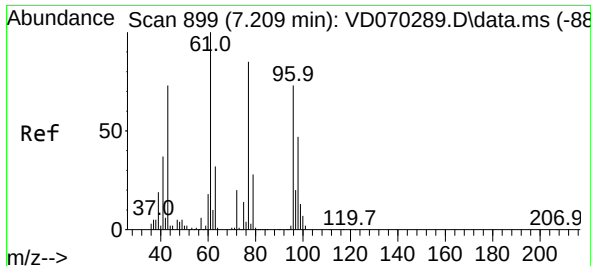
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#20
Methylene Chloride
Concen: 10.472 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 84 Resp: 3244
Ion Ratio Lower Upper
84 100
49 57.4 89.6 134.4#
51 33.2 28.6 43.0
86 76.1 53.5 80.3

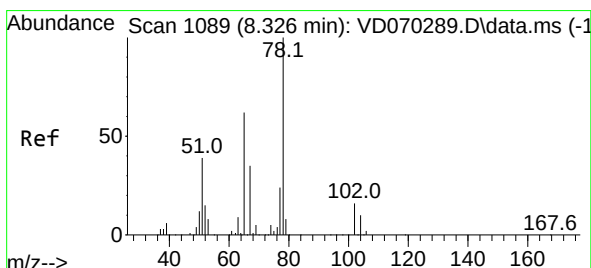
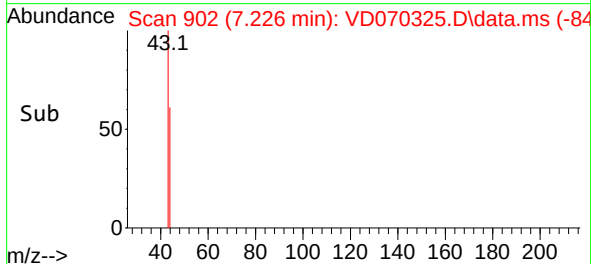
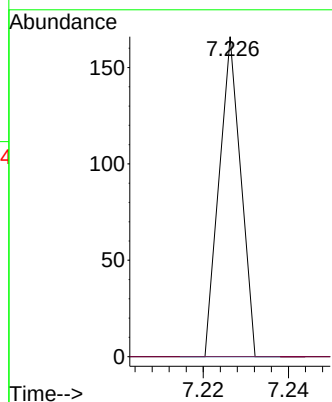
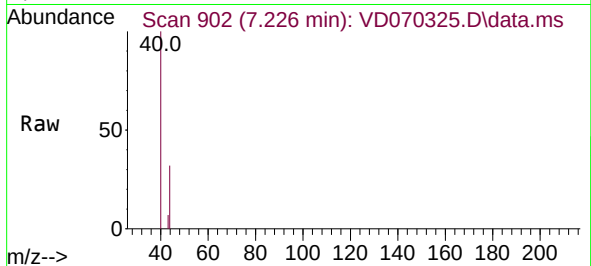




#25
2-Butanone
Concen: 1.381 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.018 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

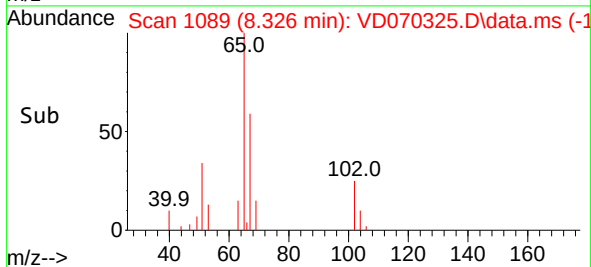
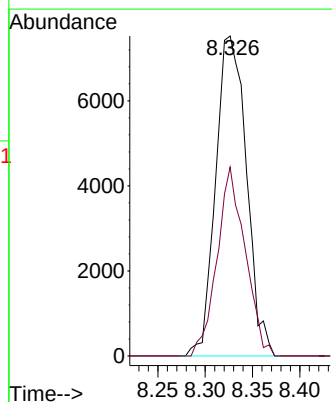
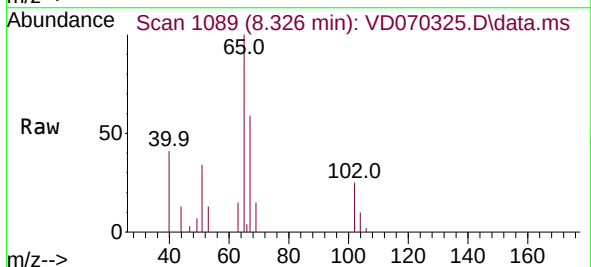
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

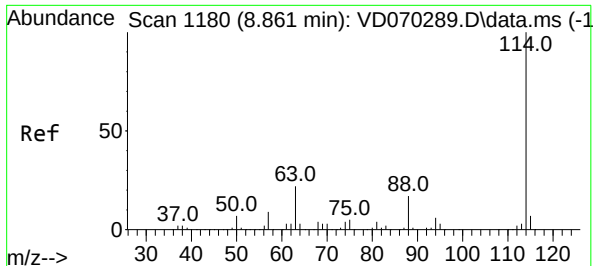
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#



#33
1,2-Dichloroethane-d4
Concen: 94.613 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 65 Resp: 17014
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4

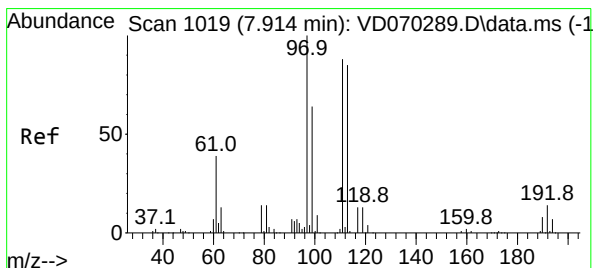
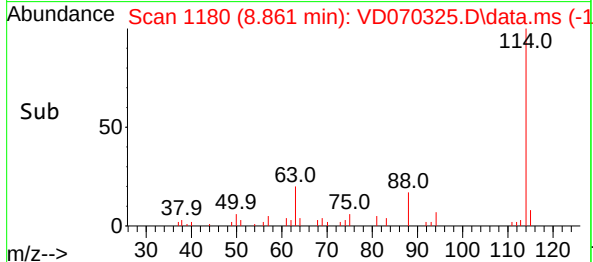
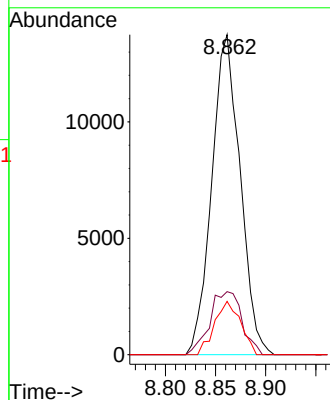
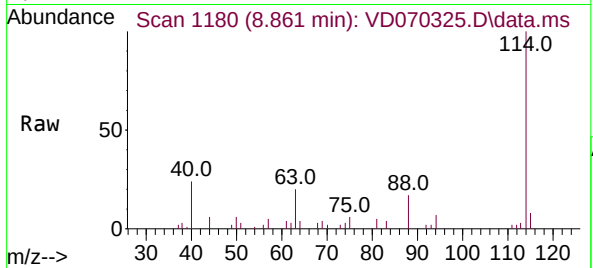




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

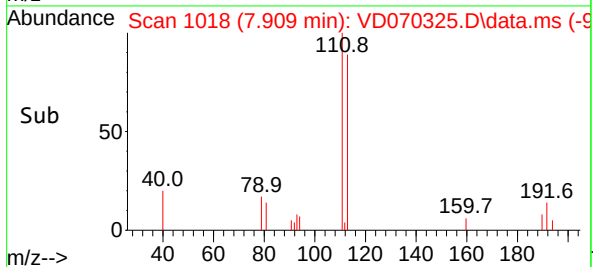
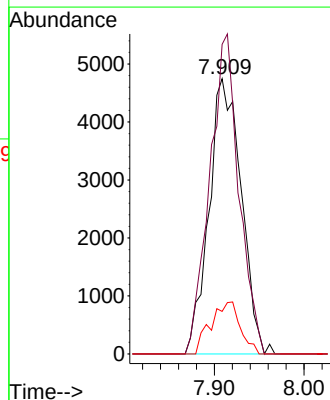
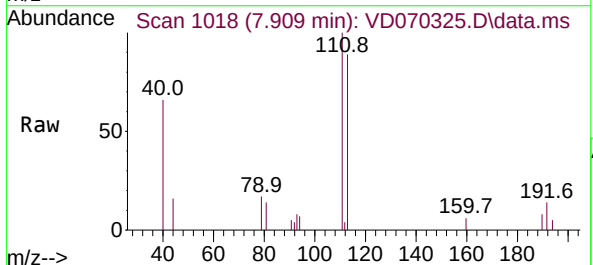
Instrument :
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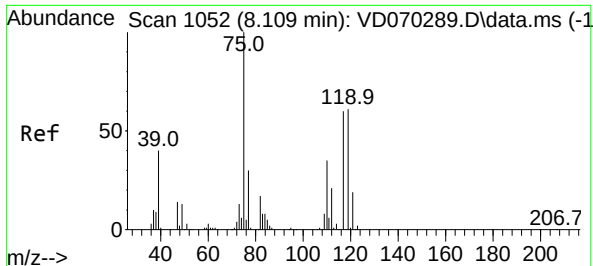
Tgt Ion:	114	Resp:	27052
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	43.4
88	16.6	0.0	33.4



#35
Dibromofluoromethane
Concen: 61.581 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion:	113	Resp:	11858
Ion Ratio	Lower	Upper	
113	100		
111	105.4	81.4	122.2
192	17.3	13.0	19.6

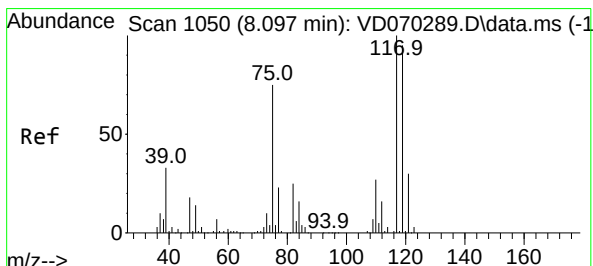
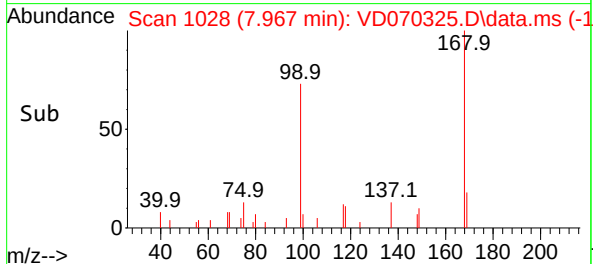
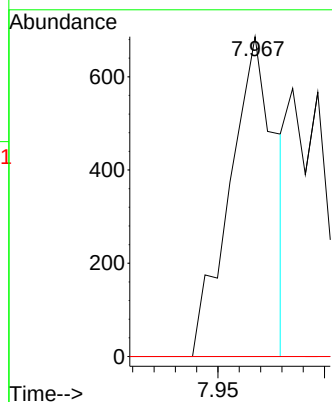
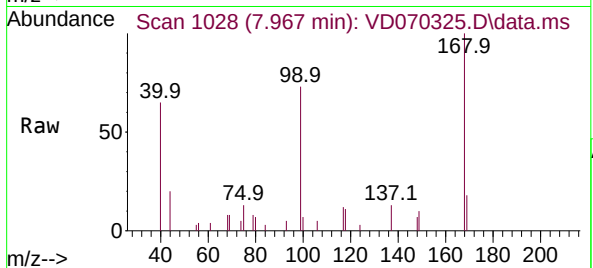




#36
1,1-Dichloropropene
Concen: 3.534 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

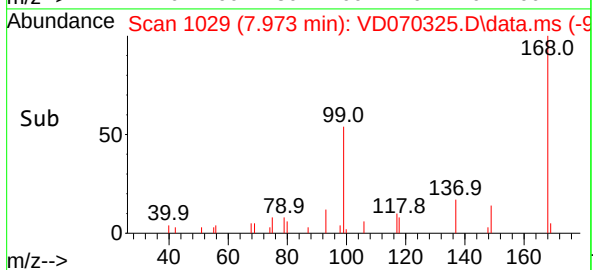
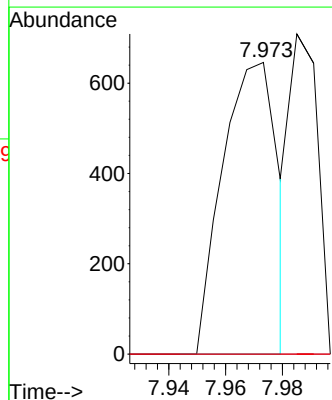
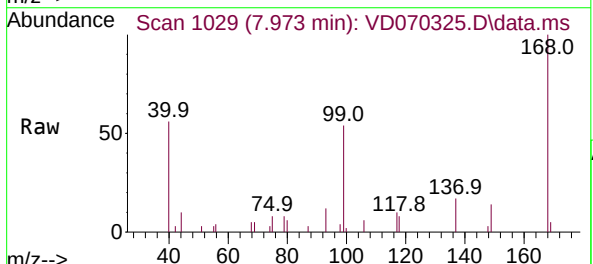
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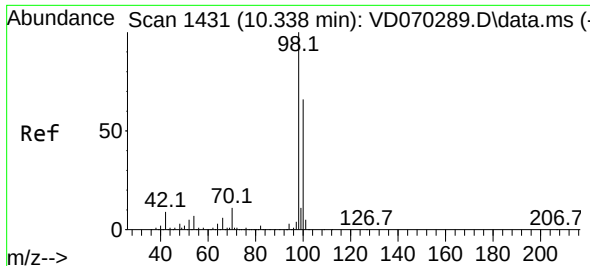
Tgt Ion: 75 Resp: 1022
Ion Ratio Lower Upper
75 100
110 0.0 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 3.053 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 117 Resp: 873
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#

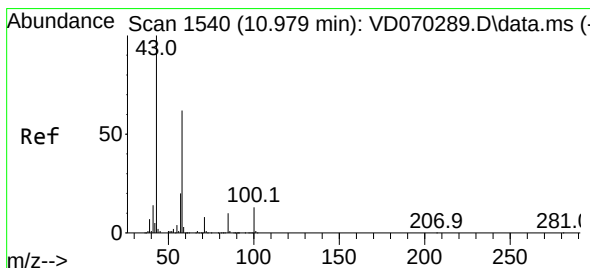
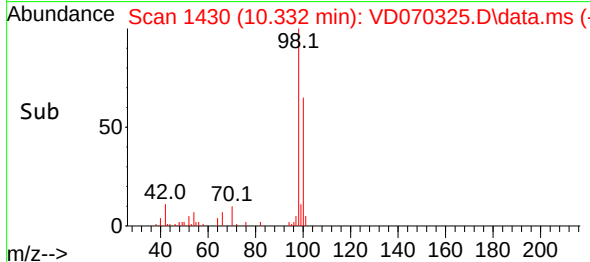
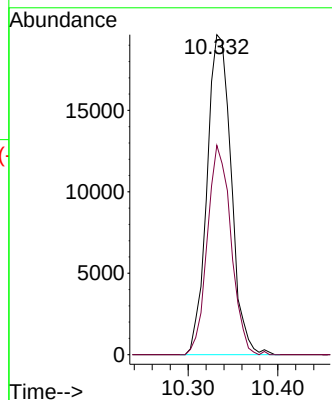
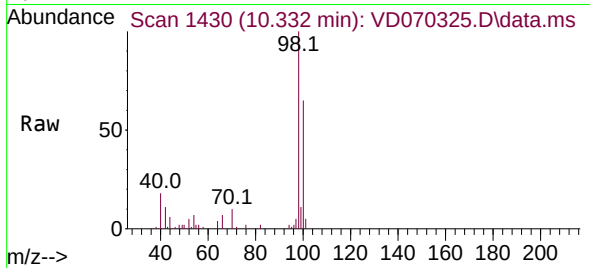




#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

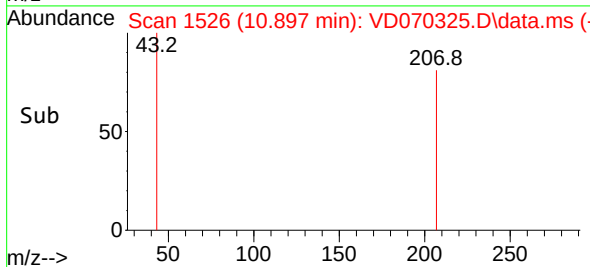
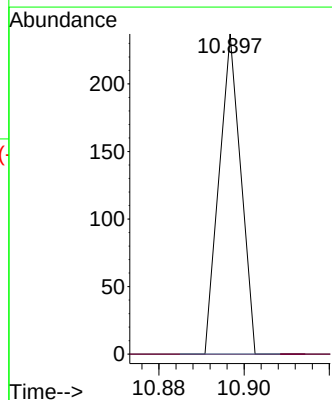
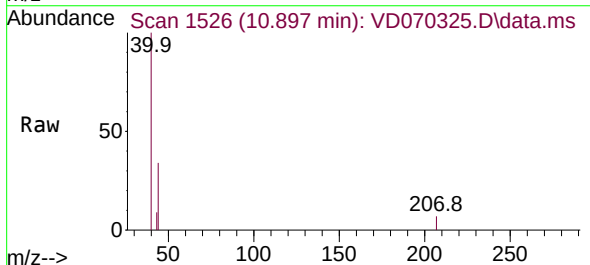
Instrument :
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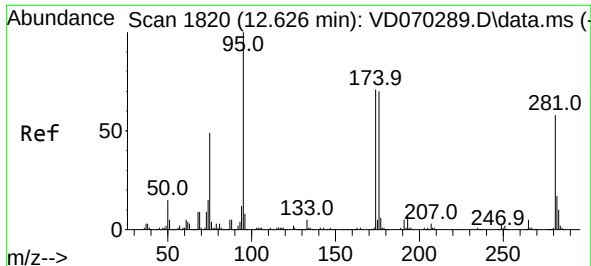
Tgt Ion: 98 Resp: 36832
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#59
2-Hexanone
Concen: 1.217 ug/l
RT: 10.897 min Scan# 1526
Delta R.T. -0.082 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 30.6 91.6#

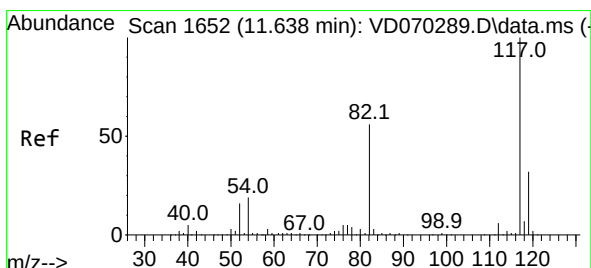
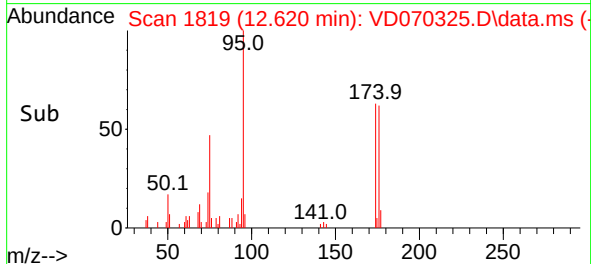
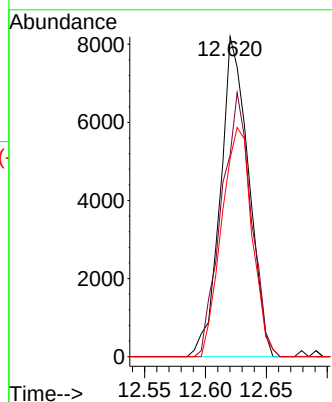
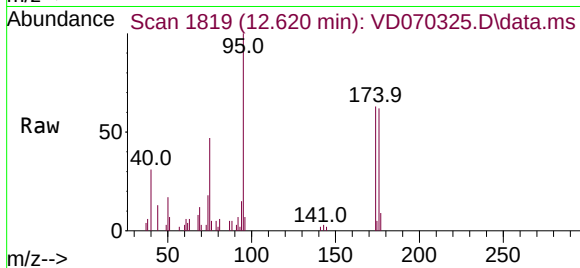




#62
4-Bromofluorobenzene
Concen: 54.056 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

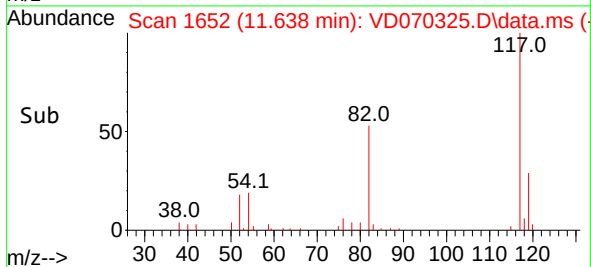
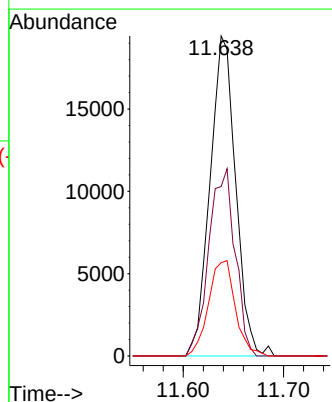
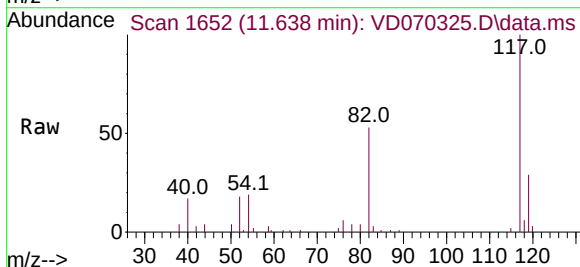
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

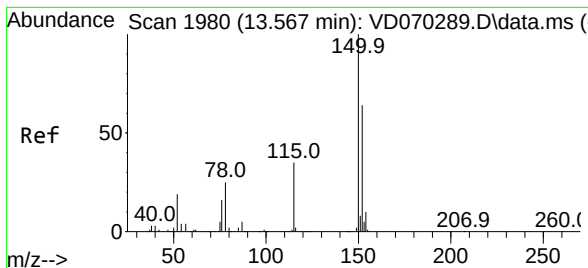
Tgt Ion: 95 Resp: 13208
Ion Ratio Lower Upper
95 100
174 87.1 0.0 140.6
176 77.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 117 Resp: 34499
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 29.2 25.2 37.8

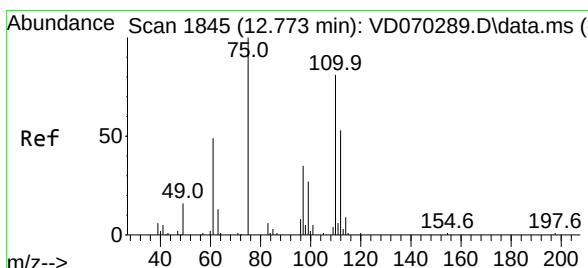
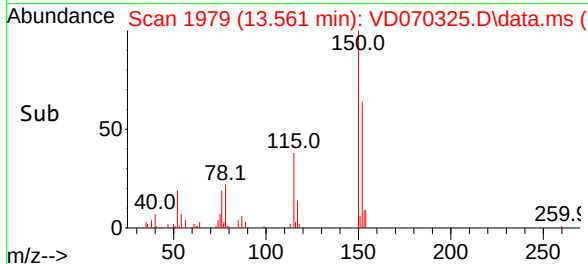
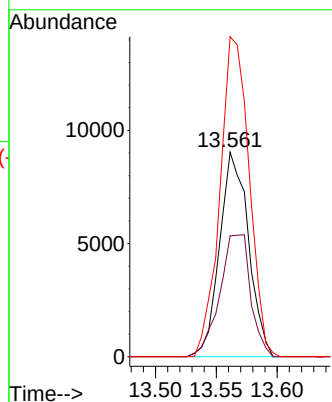
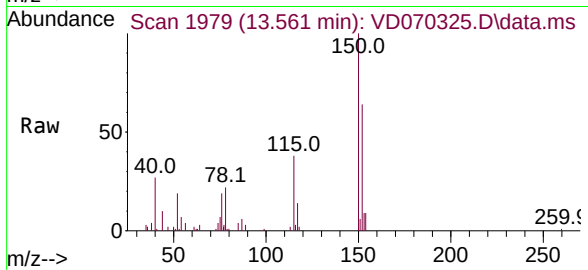




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

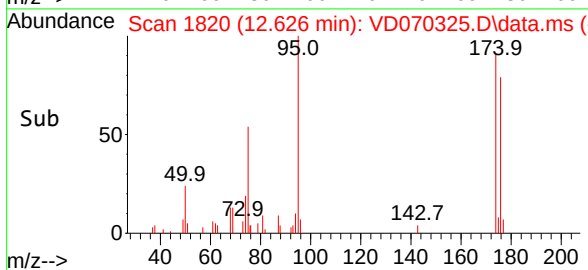
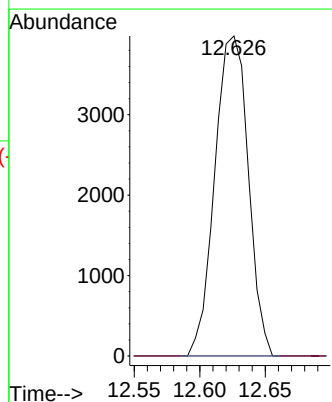
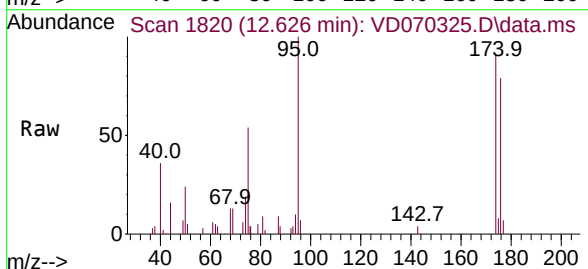
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

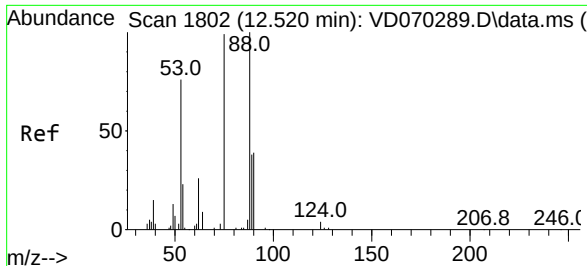
Tgt Ion:152 Resp: 14875
Ion Ratio Lower Upper
152 100
115 63.8 32.1 96.3
150 158.8 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 46.949 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

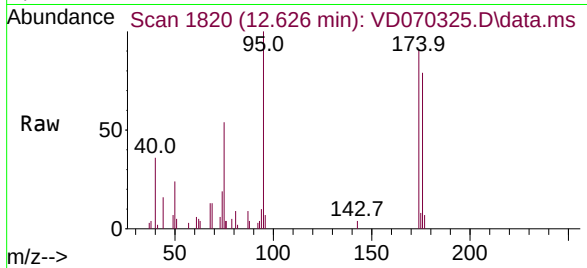
Tgt Ion: 75 Resp: 7064
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



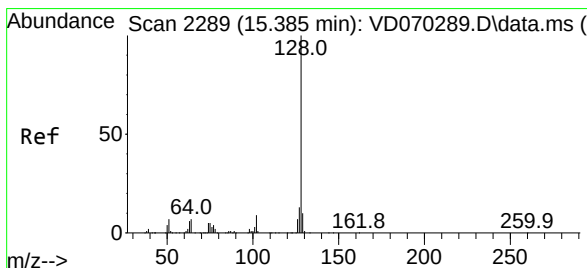
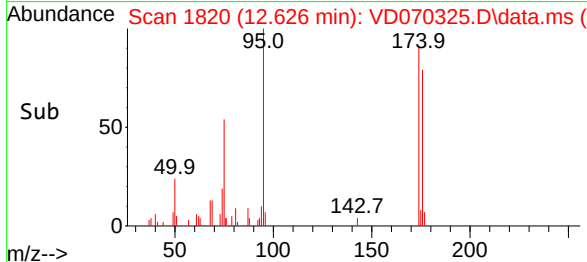
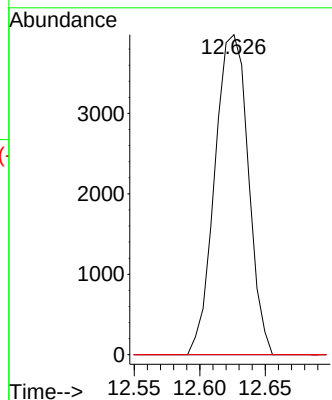


#81
trans-1,4-Dichloro-2-butene
Concen: 117.634 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021



Tgt Ion: 75 Resp: 7064
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#



#95
Naphthalene
Concen: 8.650 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 128 Resp: 3753
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 12.0 9.0 13.4

