

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079292.D
 Acq On : 01 Jul 2024 13:28
 Operator : RP/MD
 Sample : P3127-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 01 15:36:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

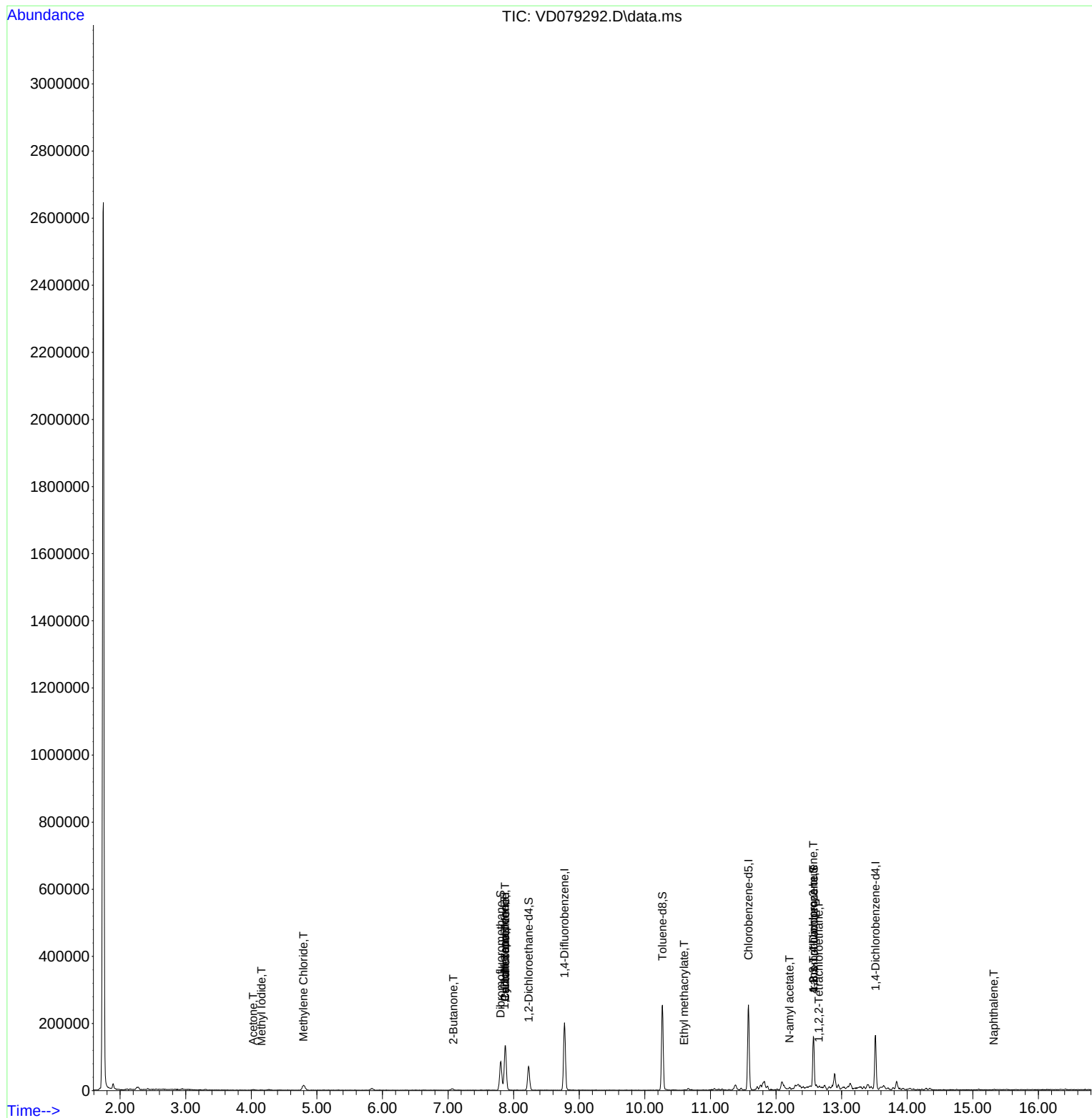
Internal Standards						
1) Pentafluorobenzene	7.875	168	95170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	176825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54253	59.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.060%	
35) Dibromofluoromethane	7.798	113	63051	54.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.640%	
50) Toluene-d8	10.269	98	185673	44.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.940%	
62) 4-Bromofluorobenzene	12.575	95	51892	38.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	922	Below Cal	#	72
10) Methyl Iodide	4.157	142	212	6.286	ug/l #	72
16) Acetone	4.028	43	2504	11.086	ug/l #	74
20) Methylene Chloride	4.793	84	11739	2.258	ug/l	91
25) 2-Butanone	7.081	43	413	1.312	ug/l #	42
31) Cyclohexane	7.869	56	2354	1.164	ug/l #	67
36) 1,1-Dichloropropene	7.863	75	9385	5.204	ug/l #	46
38) Carbon Tetrachloride	7.869	117	10576	5.775	ug/l #	17
56) Ethyl methacrylate	10.598	69	72	3.770	ug/l #	9
74) N-amyl acetate	12.204	43	1801	2.683	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.651	83	890	1.396	ug/l #	35
76) 1,2,3-Trichloropropane	12.569	75	27685	67.244	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27685	124.779	ug/l #	19
95) Naphthalene	15.322	128	2061	1.573	ug/l #	70

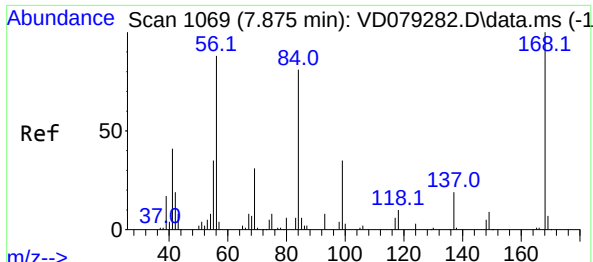
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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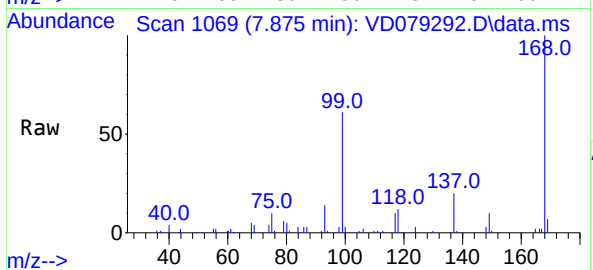
Quant Time: Jul 01 15:36:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



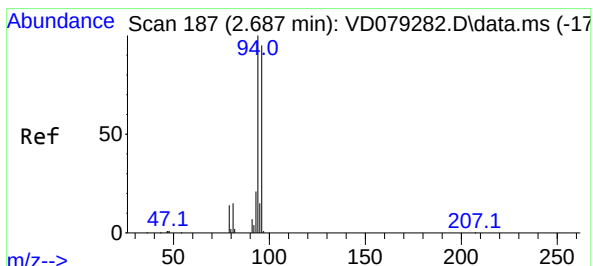
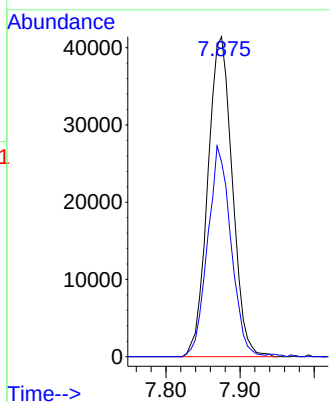
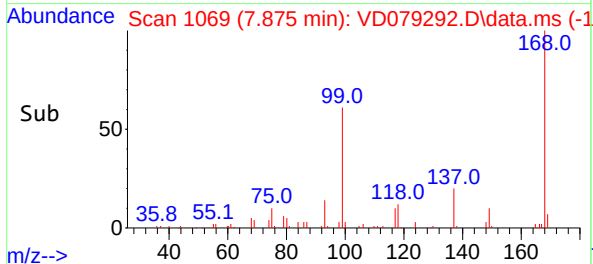


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

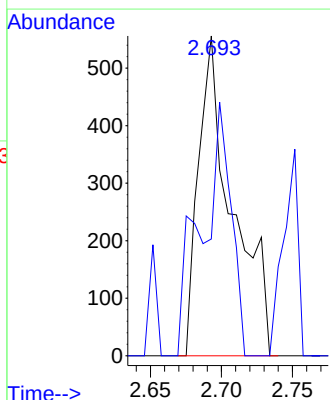
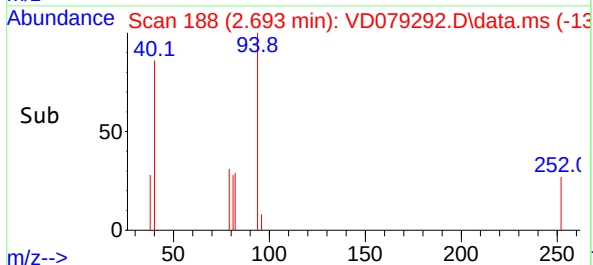
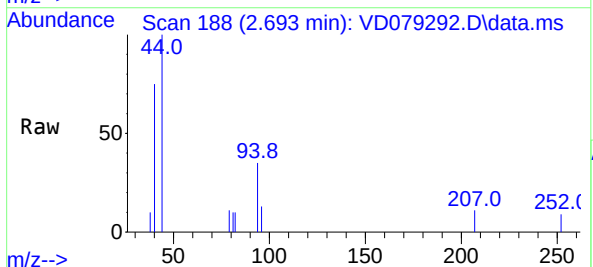


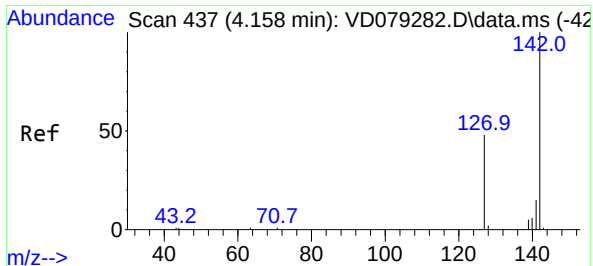
Tgt Ion:168 Resp: 95170
Ion Ratio Lower Upper
168 100
99 60.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.035 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

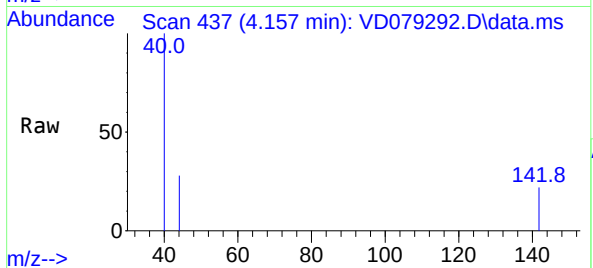
Tgt Ion: 94 Resp: 922
Ion Ratio Lower Upper
94 100
96 68.9 76.9 115.3#



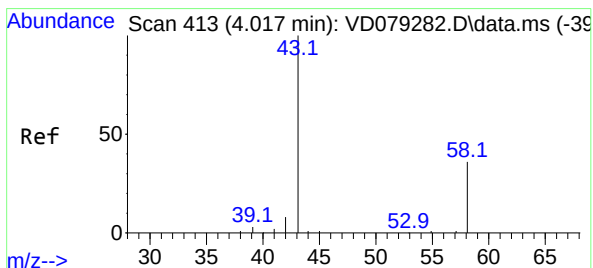
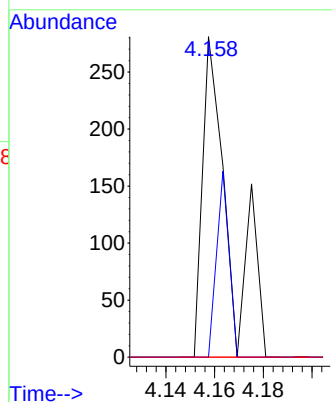
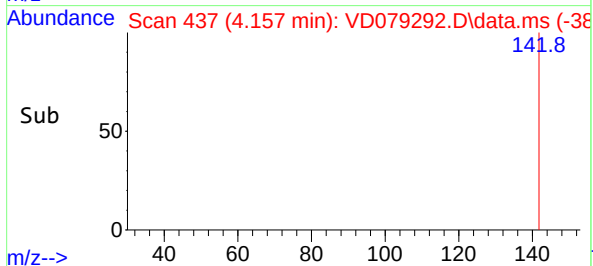


#10
Methyl Iodide
Concen: 6.286 ug/l
RT: 4.157 min Scan# 411
Delta R.T. -0.001 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

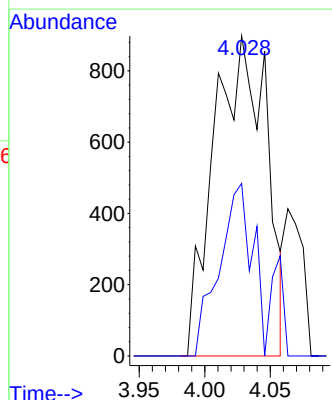
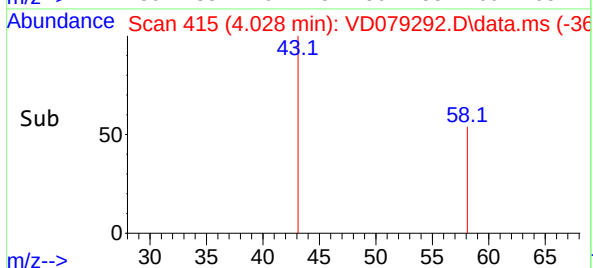
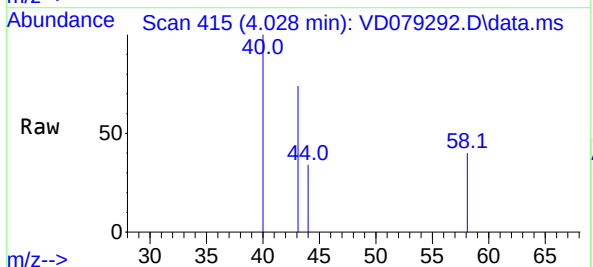


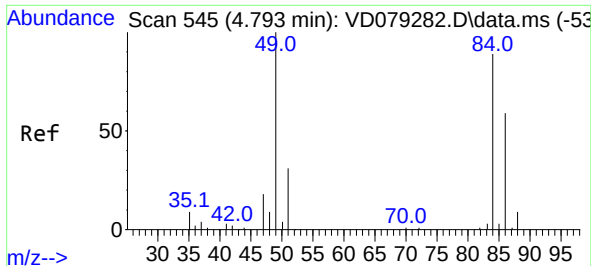
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
127 26.9 34.2 51.4#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 11.086 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

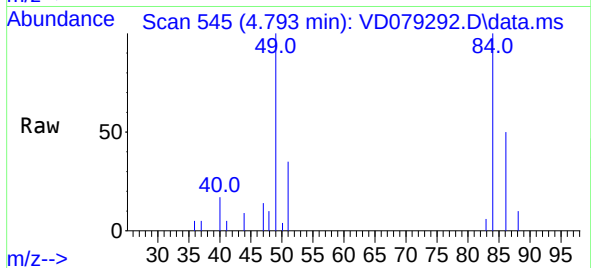
Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 53.9 30.4 45.6#





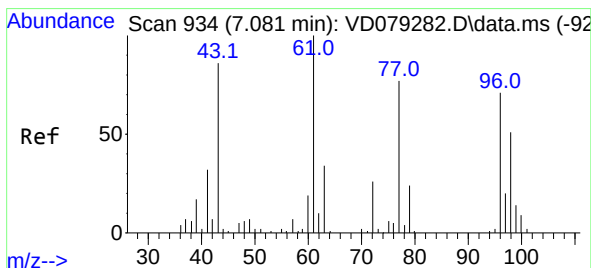
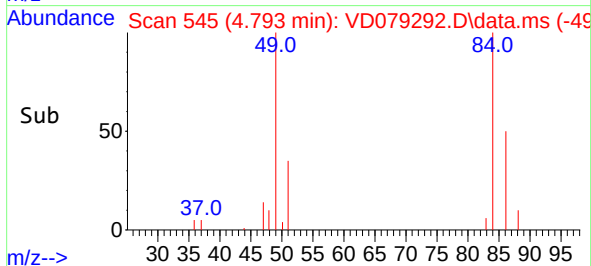
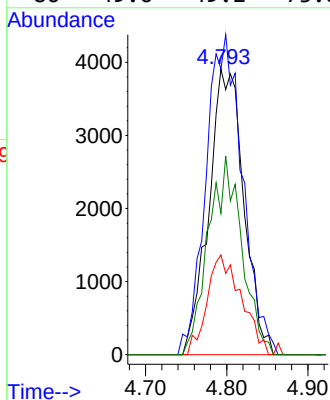
#20
Methylene Chloride
Concen: 2.258 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 11739

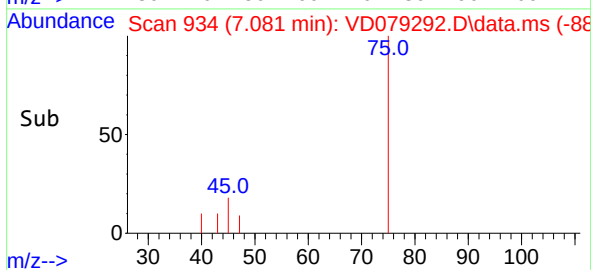
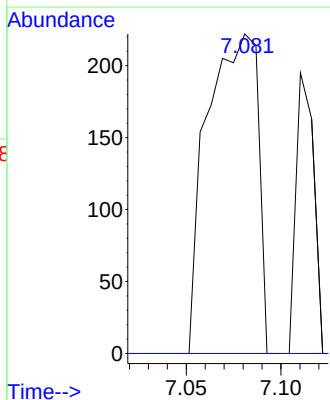
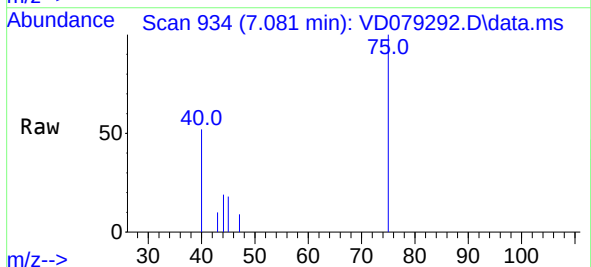
Ion	Ratio	Lower	Upper
84	100		
49	100.1	75.6	113.4
51	34.9	24.2	36.2
86	49.6	49.2	73.8

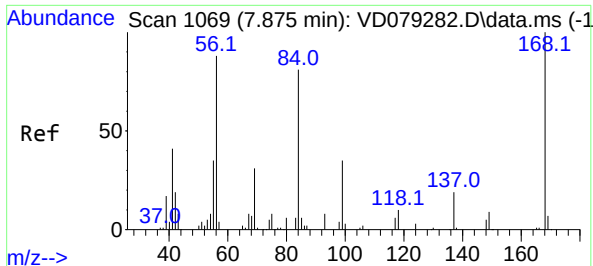


#25
2-Butanone
Concen: 1.312 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion: 43 Resp: 413

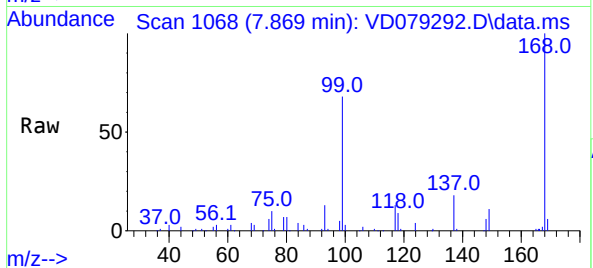
Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6



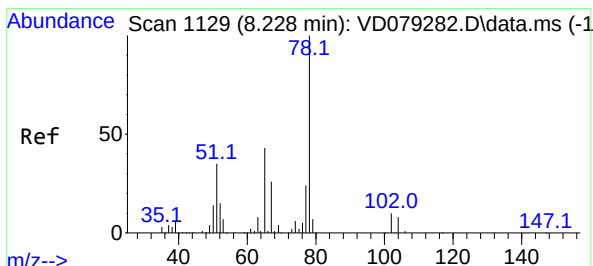
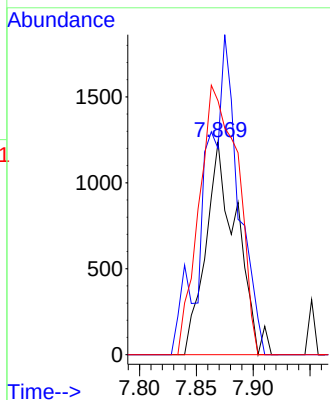
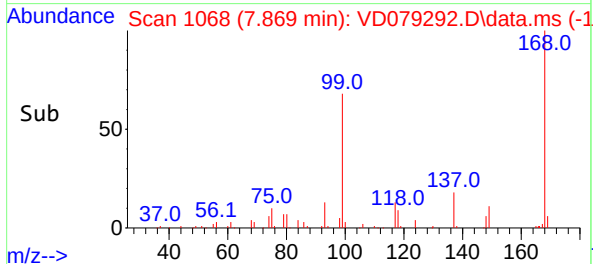


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

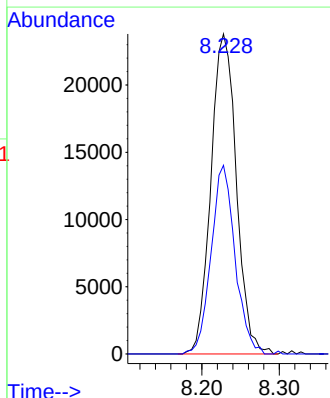
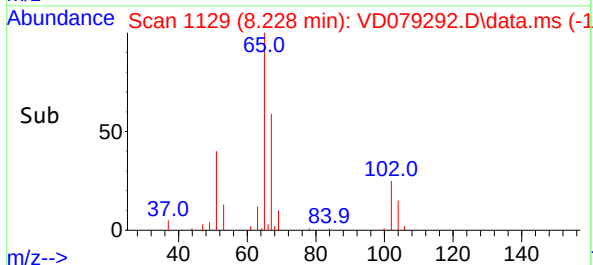
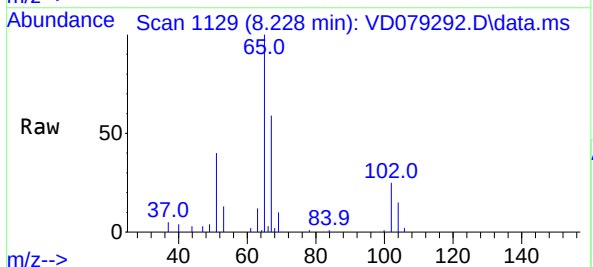


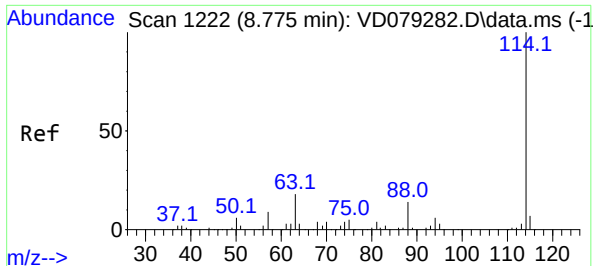
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 96.9 28.0 42.0#
84 119.3 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 59.033 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion: 65 Resp: 54253
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0

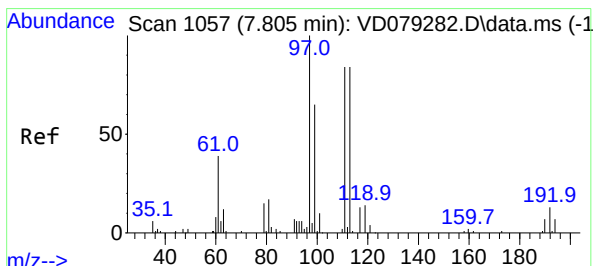
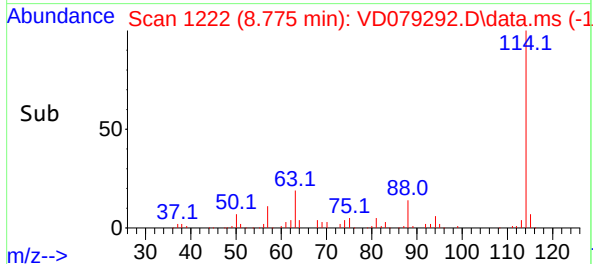
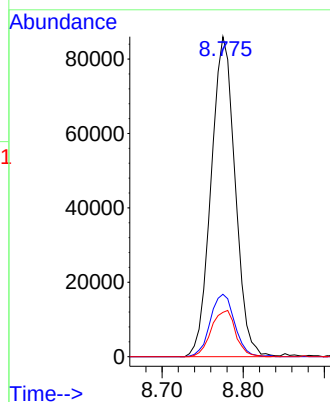
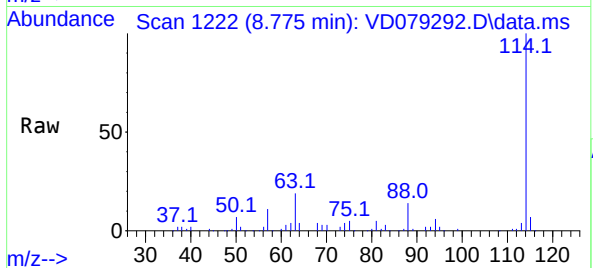




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

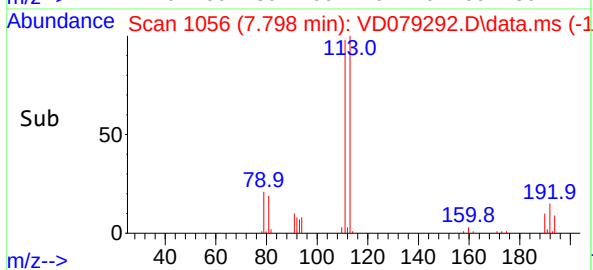
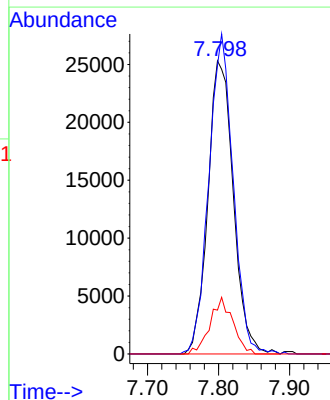
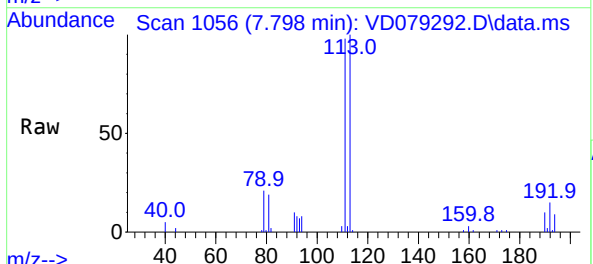
Instrument :
MSVOA_D
ClientSampleId :

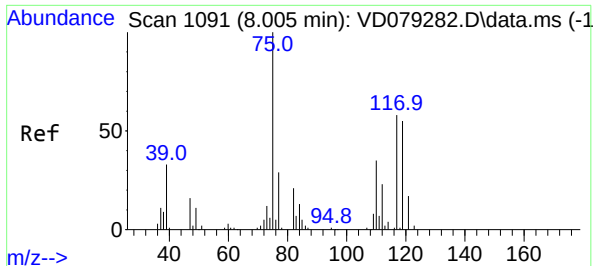
Tgt Ion:114 Resp: 176825
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.323 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion:113 Resp: 63051
Ion Ratio Lower Upper
113 100
111 104.2 84.0 126.0
192 17.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 5.204 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VD079292.D

Acq: 01 Jul 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

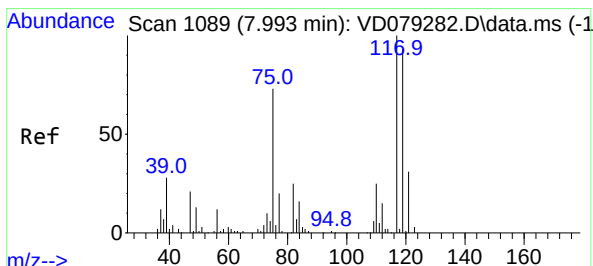
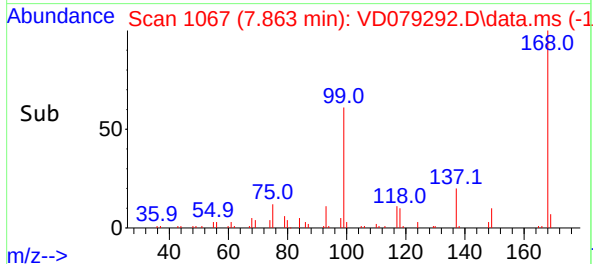
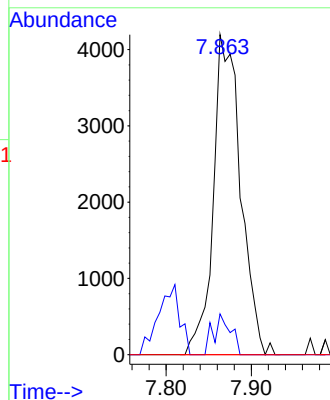
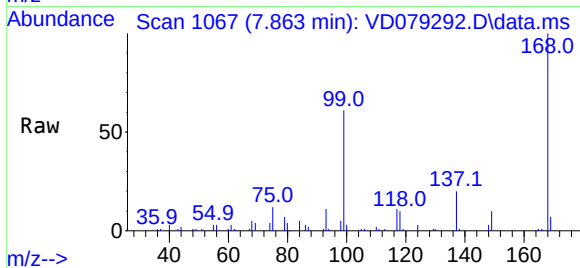
Tgt Ion: 75 Resp: 9385

Ion Ratio Lower Upper

75 100

110 8.0 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.775 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD079292.D

Acq: 01 Jul 2024 13:28

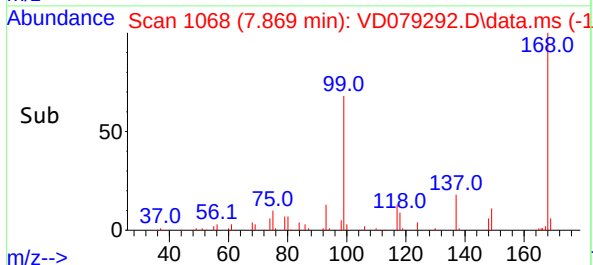
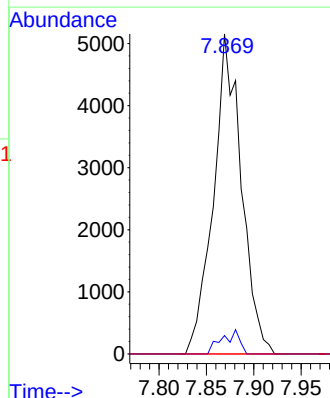
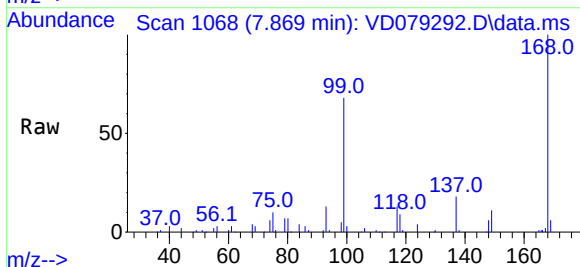
Tgt Ion: 117 Resp: 10576

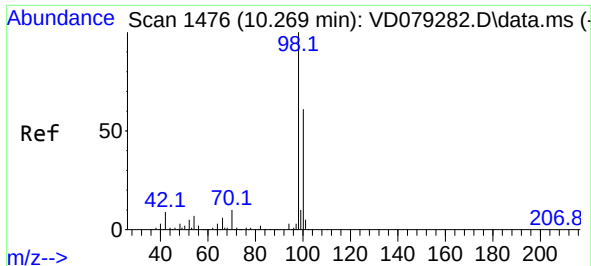
Ion Ratio Lower Upper

117 100

119 5.7 75.4 113.0#

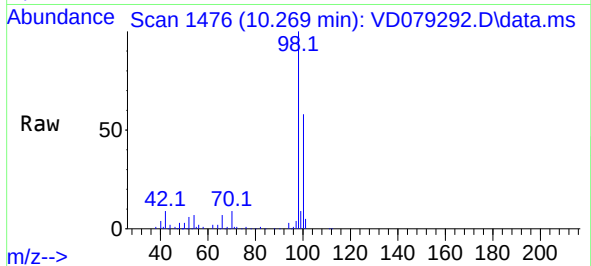
121 0.0 25.0 37.4#



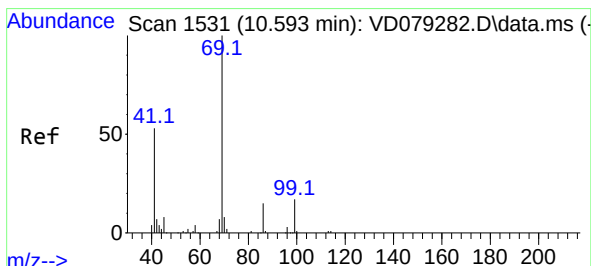
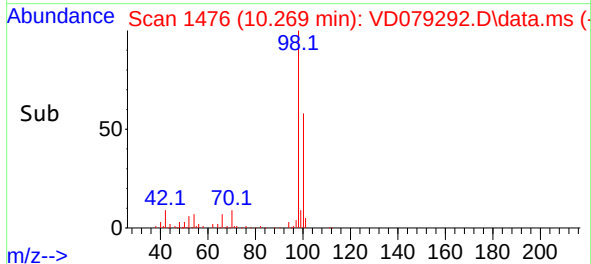
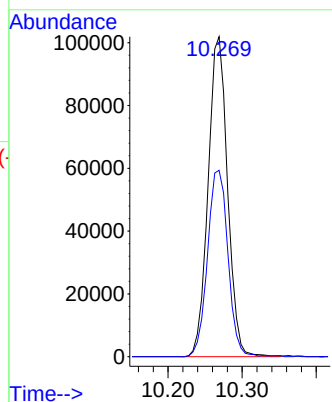


#50
Toluene-d8
Concen: 44.467 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

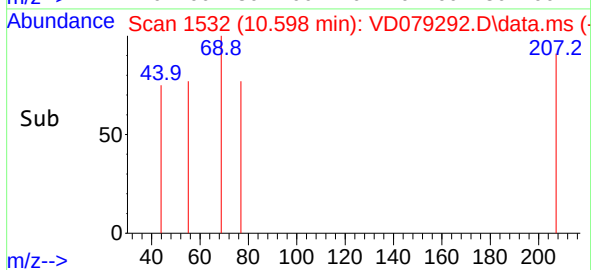
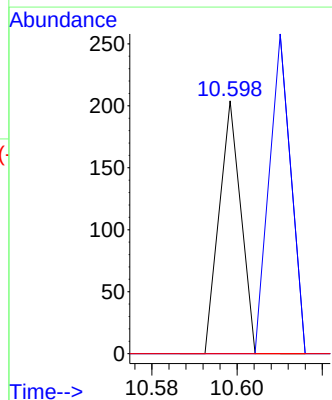
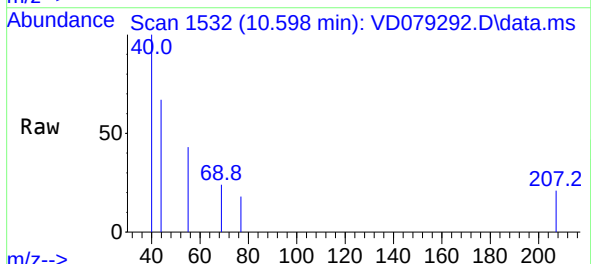


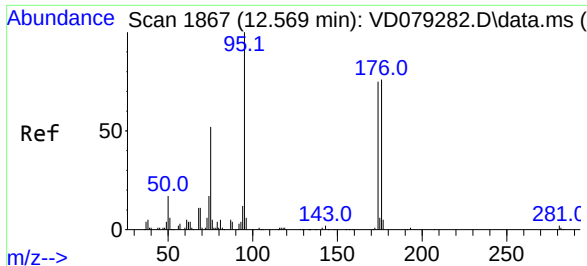
Tgt Ion: 98 Resp: 185673
Ion Ratio Lower Upper
98 100
100 61.2 51.6 77.4



#56
Ethyl methacrylate
Concen: 3.770 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion: 69 Resp: 72
Ion Ratio Lower Upper
69 100
41 126.4 39.8 59.6#
39 0.0 20.2 30.4#

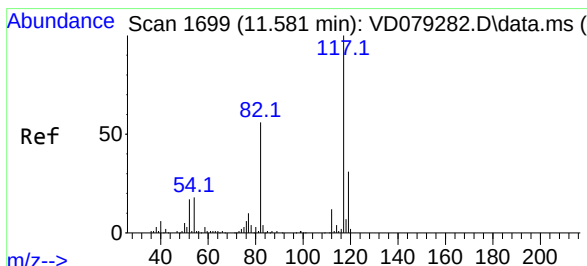
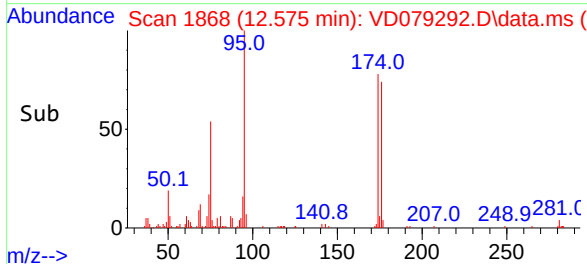
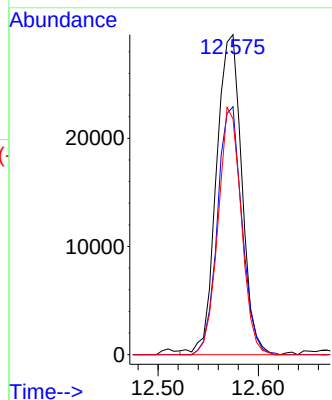
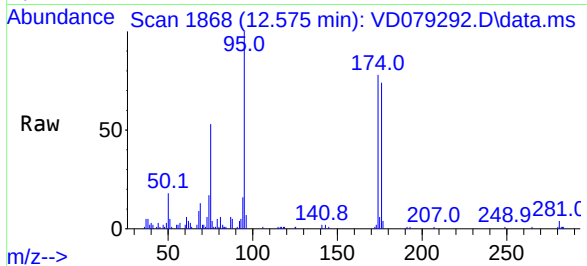




#62
4-Bromofluorobenzene
Concen: 38.756 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

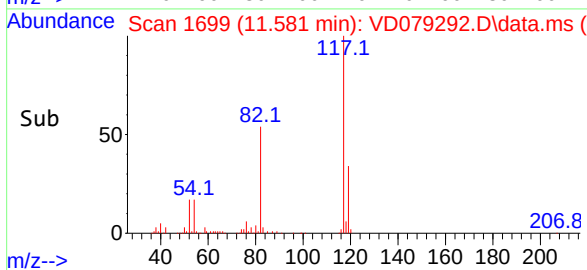
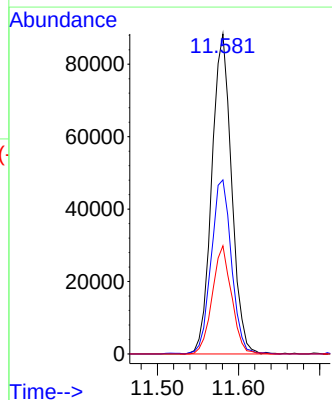
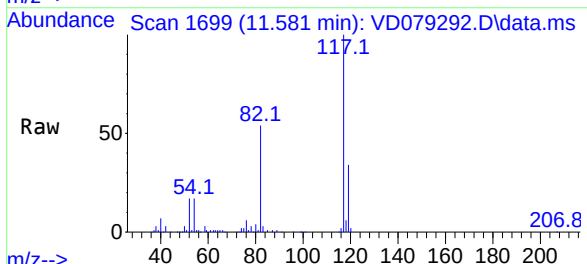
Instrument :
MSVOA_D
ClientSampleId :

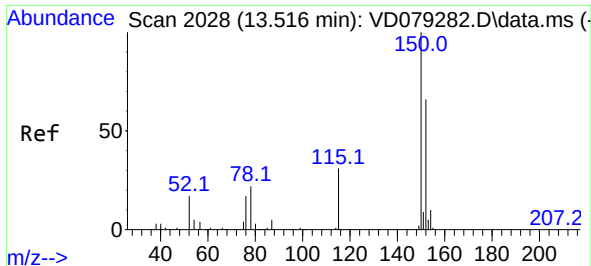
Tgt Ion:	95	Resp:	51892
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	195.4
176	70.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

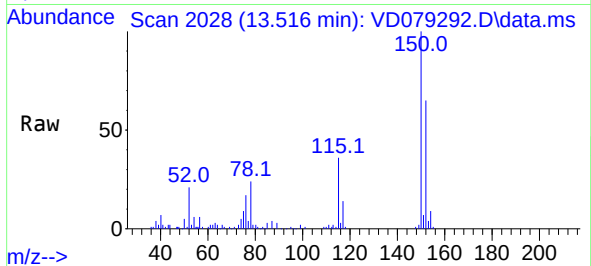
Tgt Ion:	117	Resp:	149580
Ion	Ratio	Lower	Upper
117	100		
82	54.4	39.8	59.6
119	33.8	25.7	38.5



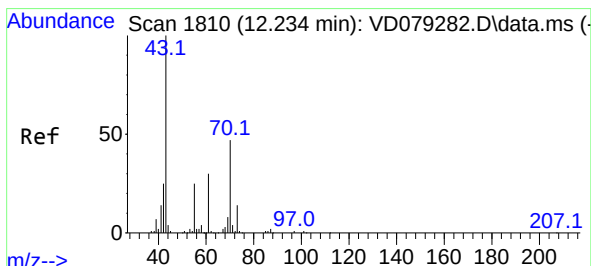
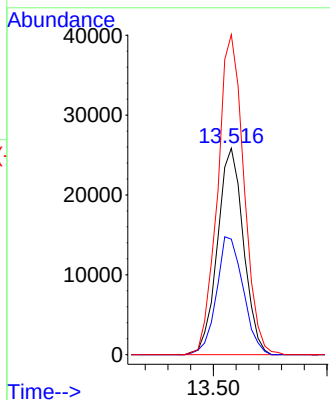
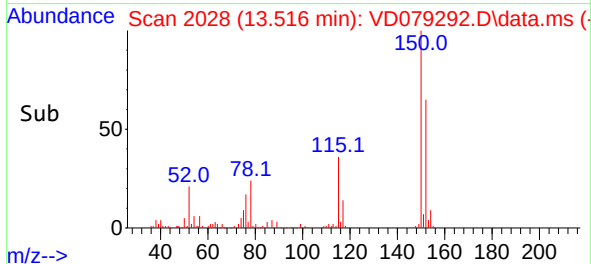


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :

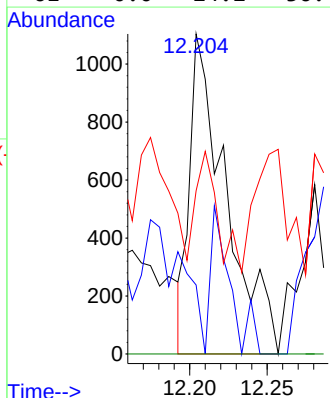
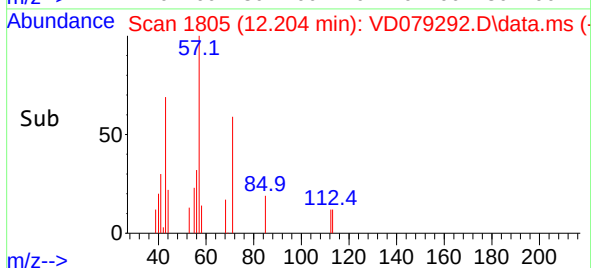
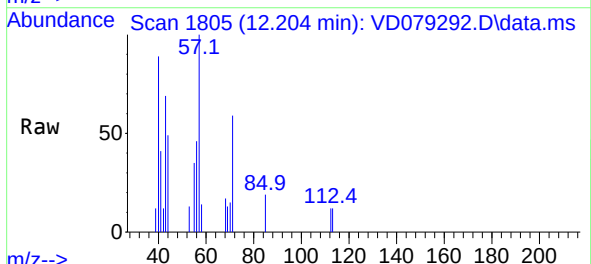


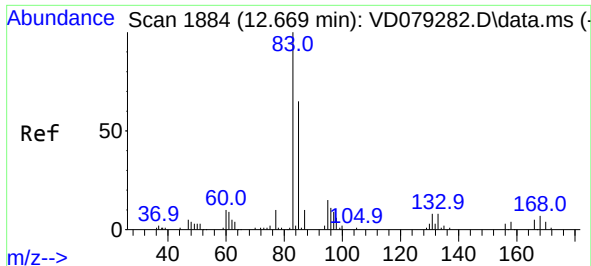
Tgt Ion:152 Resp: 41140
Ion Ratio Lower Upper
152 100
115 58.6 26.5 79.5
150 156.6 0.0 341.6



#74
N-ethyl acetate
Concen: 2.683 ug/l
RT: 12.204 min Scan# 1805
Delta R.T. -0.024 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
70 24.4 44.3 66.5#
55 22.5 23.2 34.8#
61 0.0 24.2 36.4#

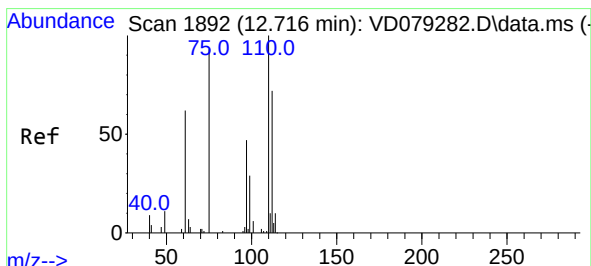
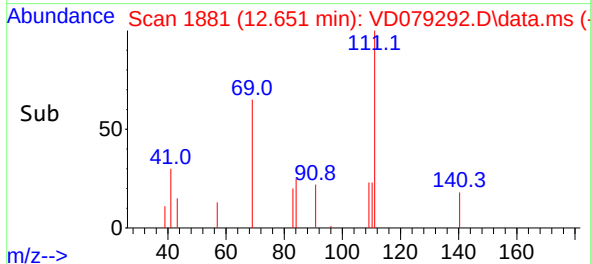
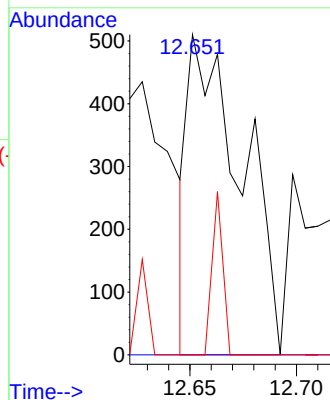
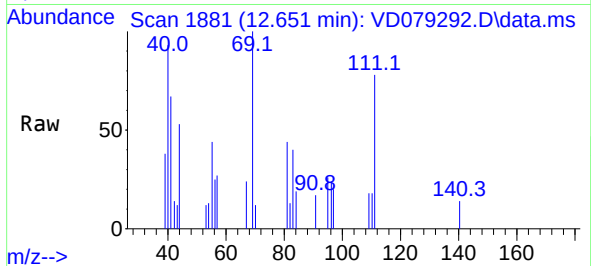




#75
1,1,2,2-Tetrachloroethane
Concen: 1.396 ug/l
RT: 12.651 min Scan# 1867
Delta R.T. -0.018 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

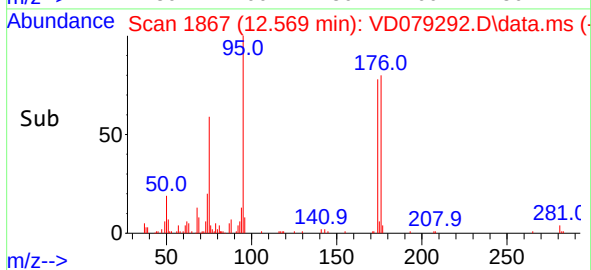
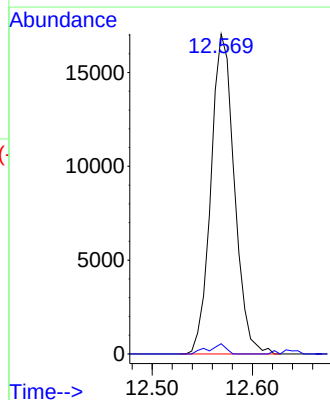
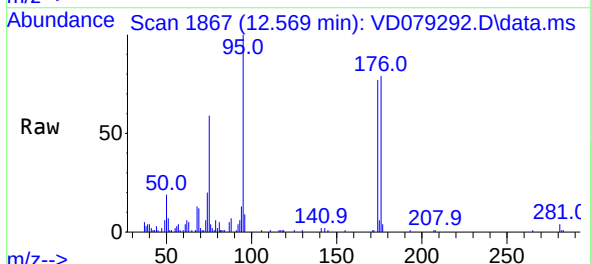
Instrument :
MSVOA_D
ClientSampleId :

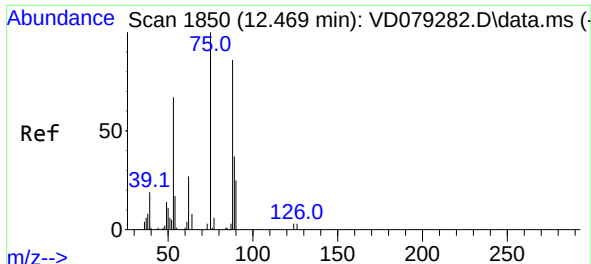
Tgt Ion: 83 Resp: 890
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 10.3 33.8 101.3#



#76
1,2,3-Trichloropropane
Concen: 67.244 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

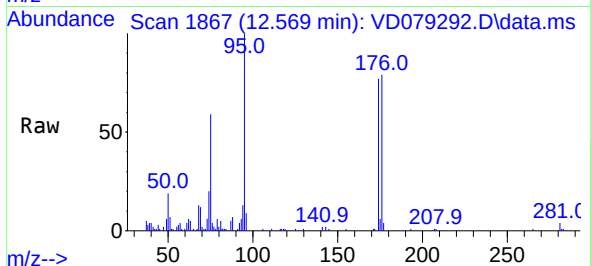
Tgt Ion: 75 Resp: 27685
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



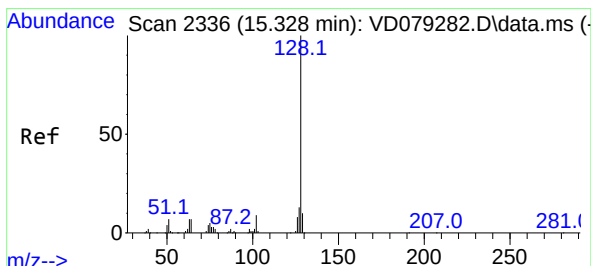
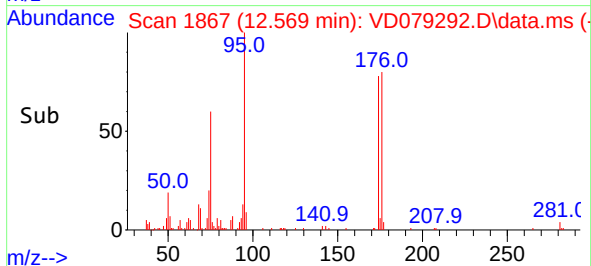
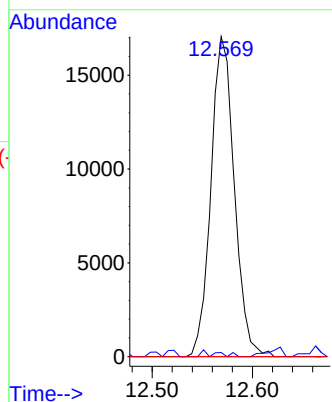


#81
trans-1,4-Dichloro-2-butene
Concen: 124.779 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 27685
Ion Ratio Lower Upper
75 100
53 0.5 61.4 92.2#
89 0.0 35.4 53.0#



#95
Naphthalene
Concen: 1.573 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion:128 Resp: 2061
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

