

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078696.D
 Acq On : 18 Mar 2024 14:56
 Operator : RP/MD
 Sample : P1326-03RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1RE

Quant Time: Mar 18 16:02:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

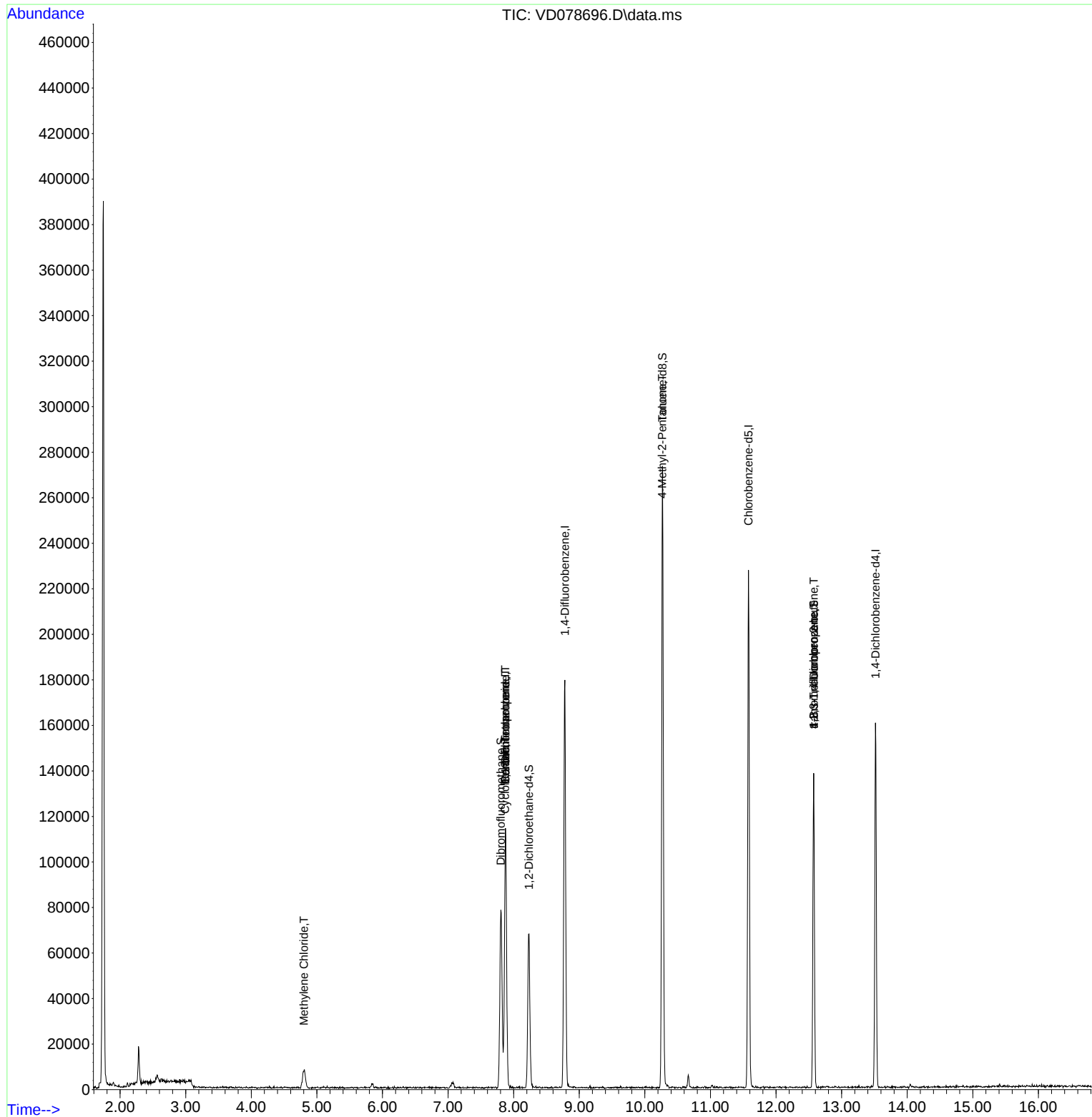
Internal Standards						
1) Pentafluorobenzene	7.875	168	88169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	163358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52332	63.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.660%	
35) Dibromofluoromethane	7.804	113	58511	55.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.260%	
50) Toluene-d8	10.269	98	190750	49.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.575	95	40641	35.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.820%	
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	6427	1.139	ug/l	91
31) Cyclohexane	7.869	56	1848	1.331	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	6841	4.483	ug/l #	44
38) Carbon Tetrachloride	7.875	117	8461	5.259	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	860	1.814	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	20895	59.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	20895	125.663	ug/l #	19

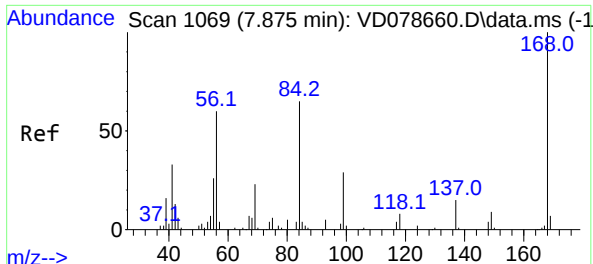
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
1RE

Quant Time: Mar 18 16:02:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

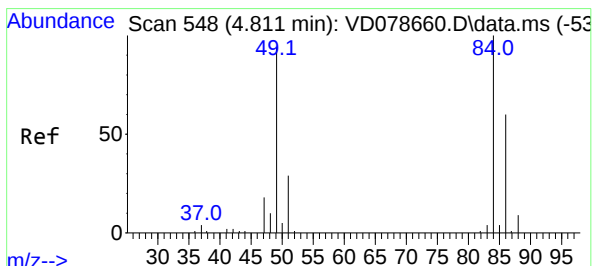
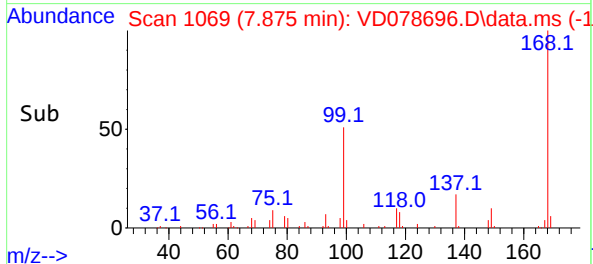
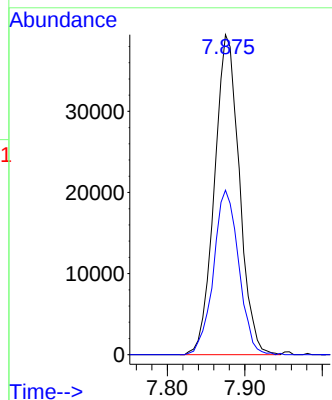
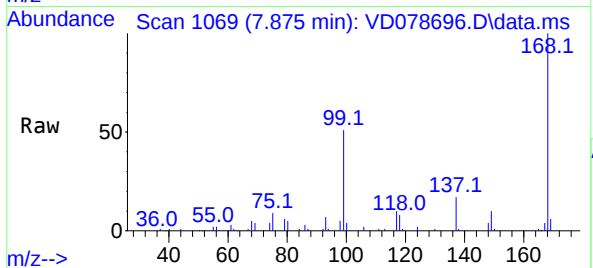




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

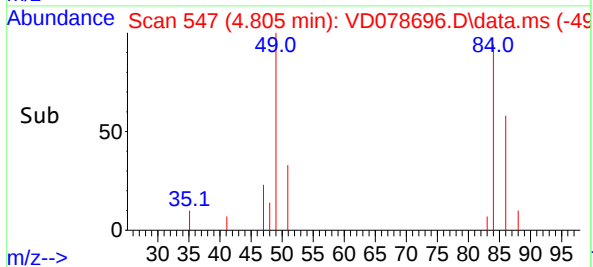
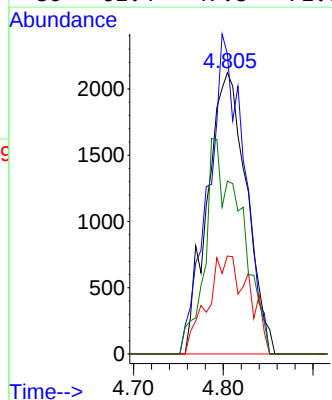
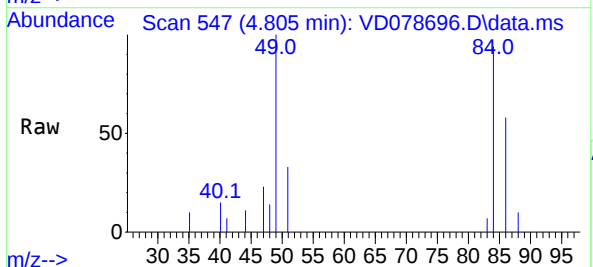
Instrument :
MSVOA_D
ClientSampleId :
1RE

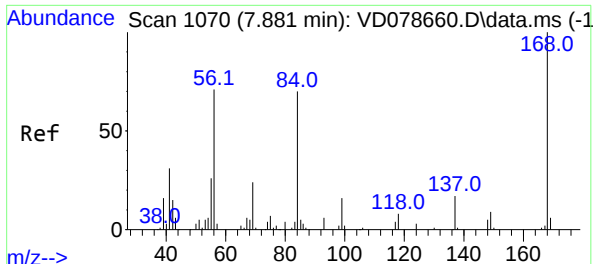
Tgt Ion:168 Resp: 88169
Ion Ratio Lower Upper
168 100
99 51.4 38.8 58.2



#20
Methylene Chloride
Concen: 1.139 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 84 Resp: 6427
Ion Ratio Lower Upper
84 100
49 106.6 75.6 113.4
51 34.8 23.4 35.0
86 61.4 47.8 71.6

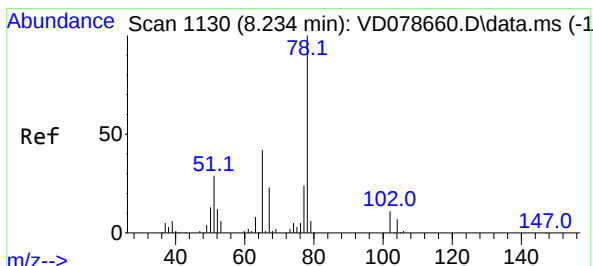
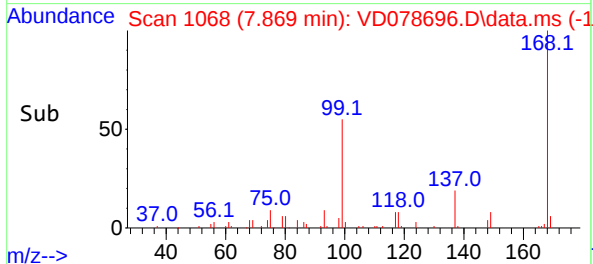
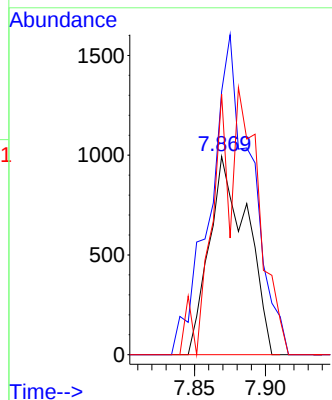
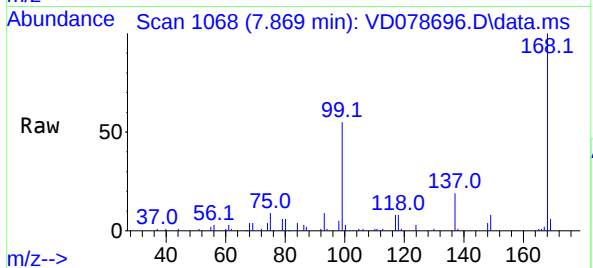




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

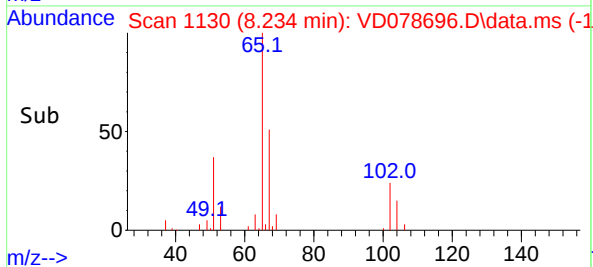
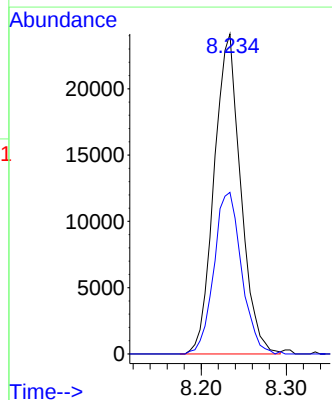
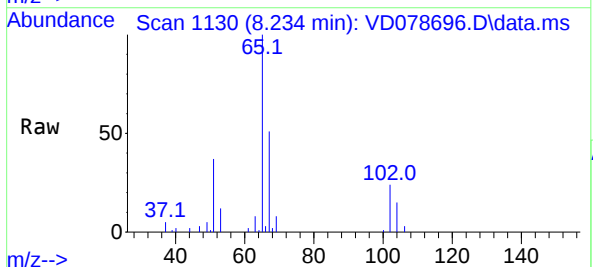
Instrument :
MSVOA_D
ClientSampleId :
1RE

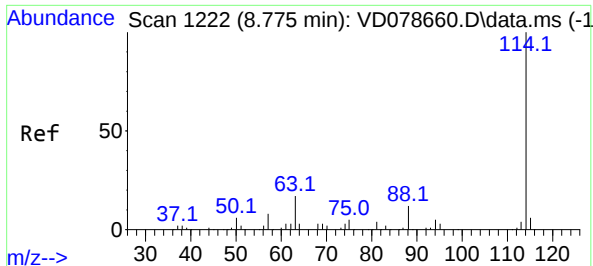
Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 113.5 26.6 40.0#
84 131.4 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 63.334 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 65 Resp: 52332
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2

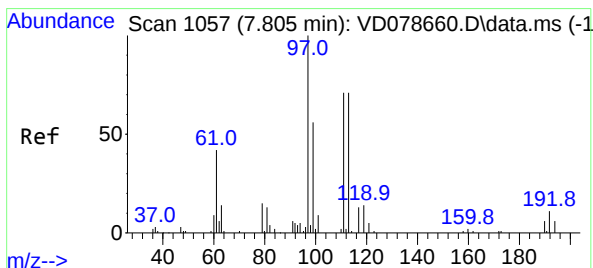
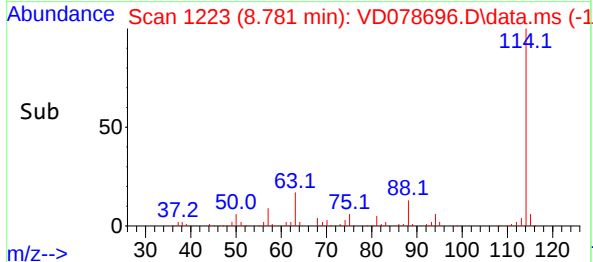
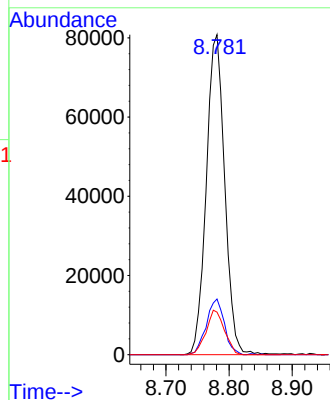
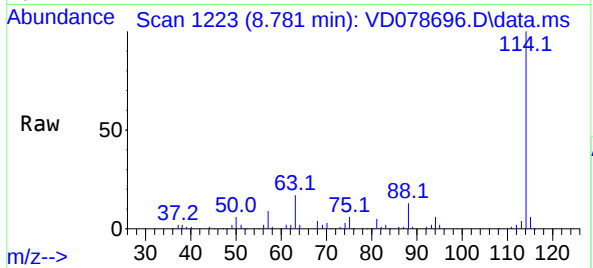




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

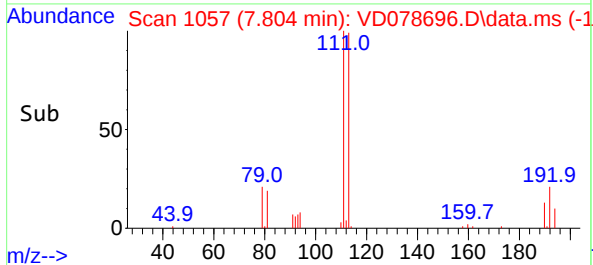
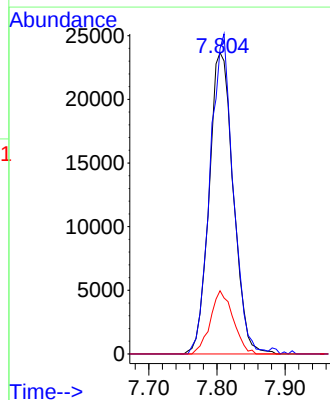
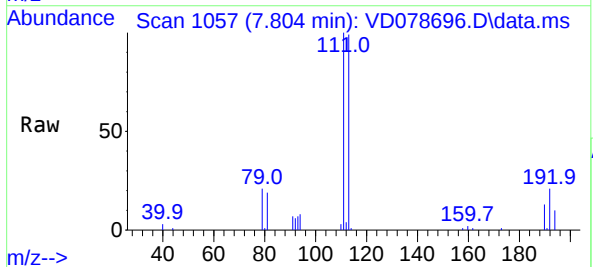
Instrument :
MSVOA_D
ClientSampleId :
1RE

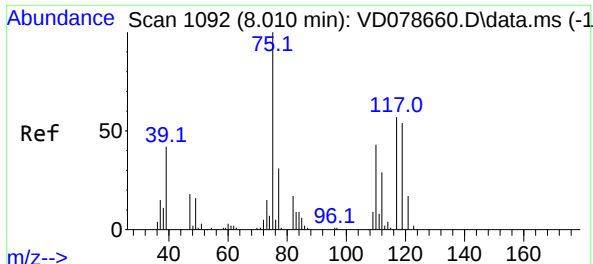
Tgt Ion:114 Resp: 163358
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.3 0.0 24.6



#35
Dibromofluoromethane
Concen: 55.631 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion:113 Resp: 58511
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 19.7 15.4 23.0

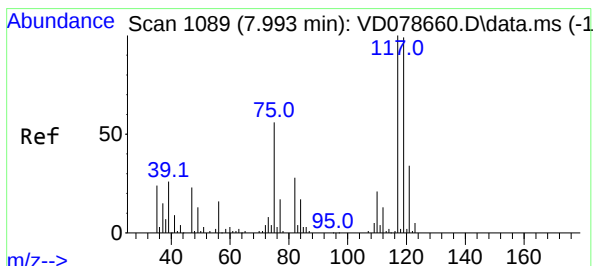
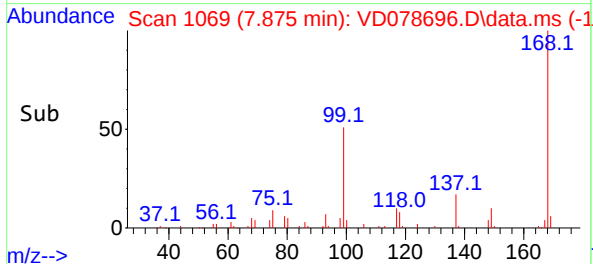
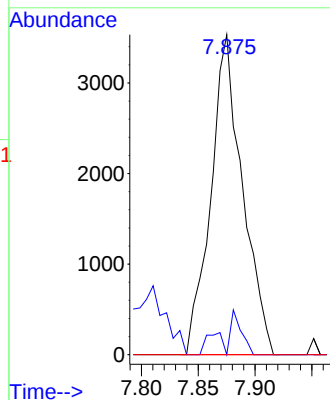
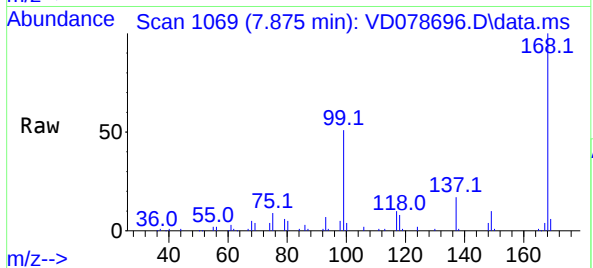




#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

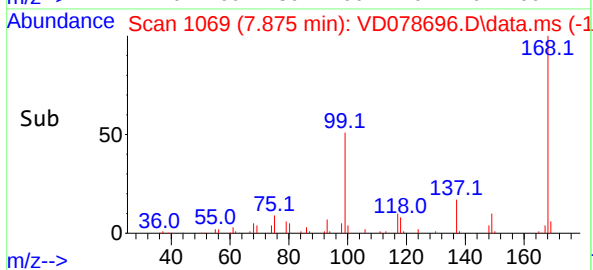
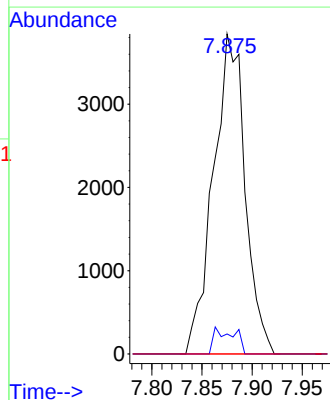
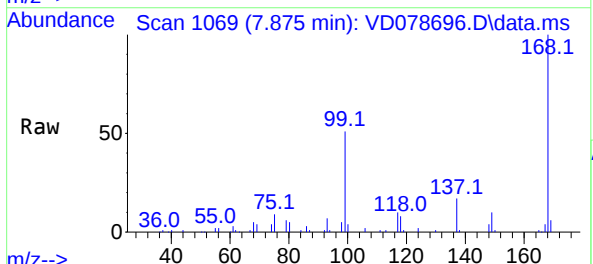
Instrument :
MSVOA_D
ClientSampleId :
1RE

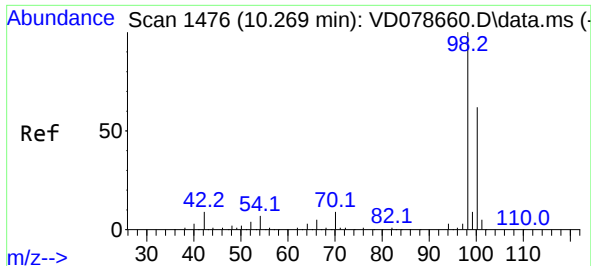
Tgt Ion: 75 Resp: 6841
Ion Ratio Lower Upper
75 100
110 4.8 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 117 Resp: 8461
Ion Ratio Lower Upper
117 100
119 6.3 79.2 118.8#
121 0.0 26.8 40.2#

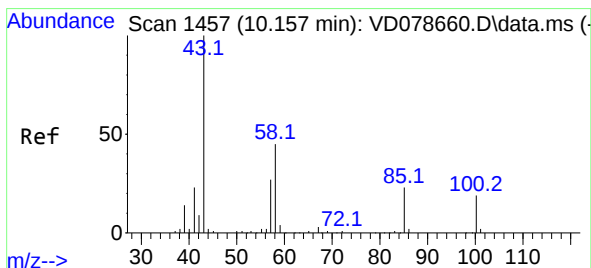
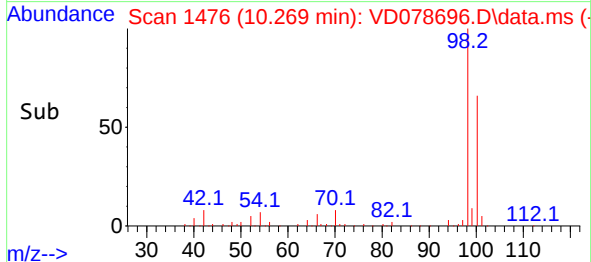
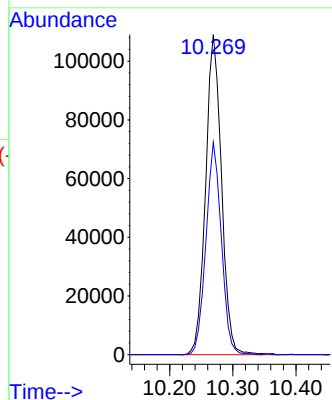
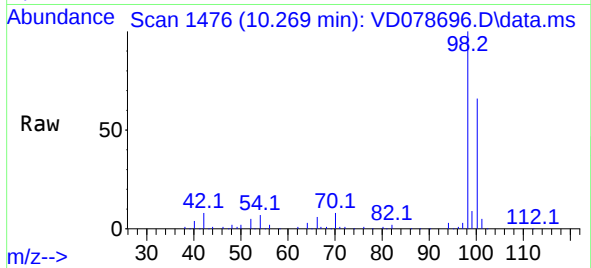




#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

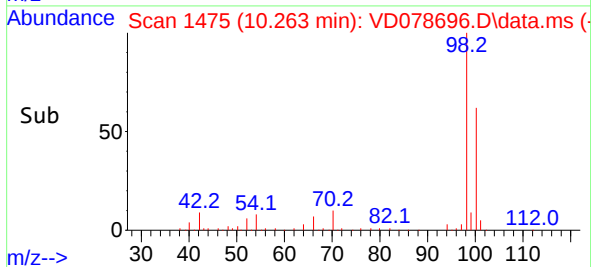
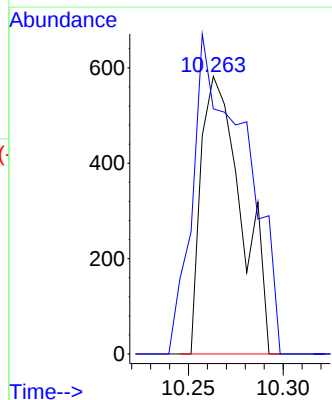
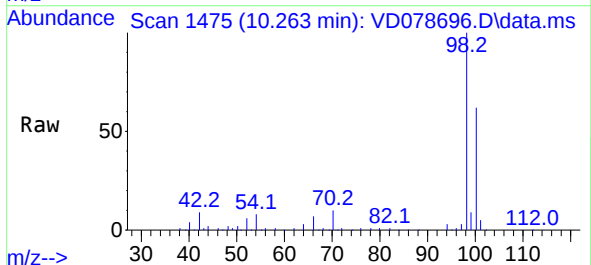
Instrument :
MSVOA_D
ClientSampleId :
1RE

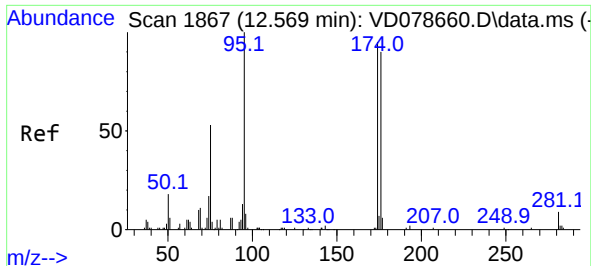
Tgt Ion: 98 Resp: 190750
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.814 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 149.5 36.4 54.6#



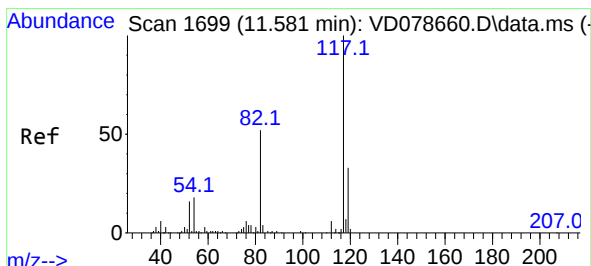
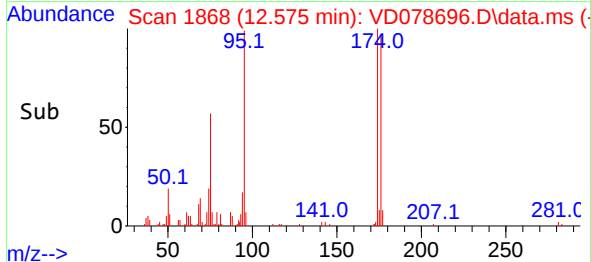
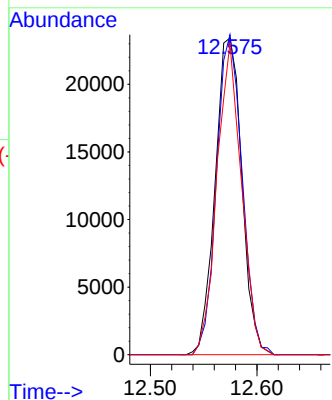
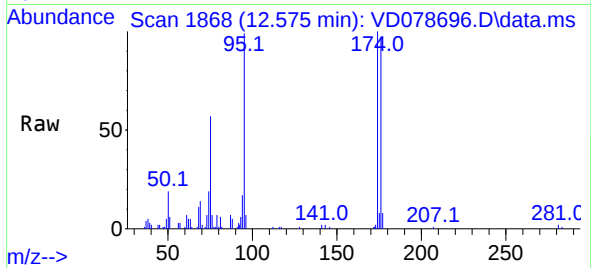


#62
4-Bromofluorobenzene
Concen: 35.913 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Instrument :
MSVOA_D
ClientSampleId :
1RE

Tgt Ion: 95 Resp: 40641

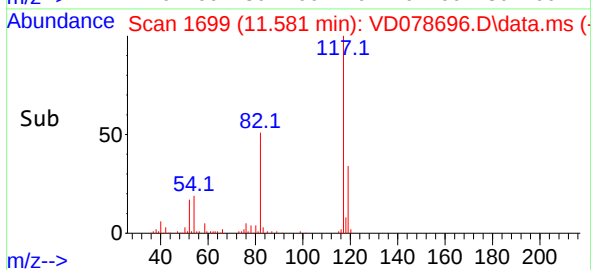
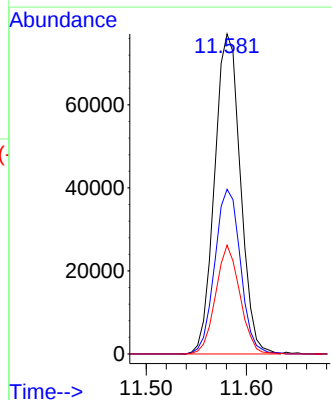
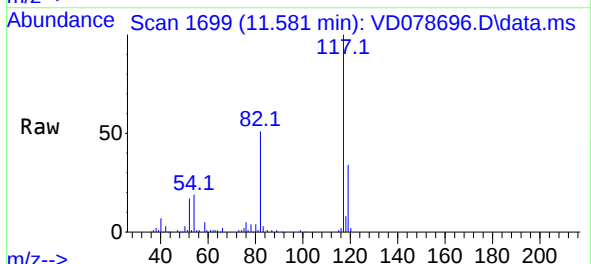
Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	195.2
176	90.7	0.0	188.2

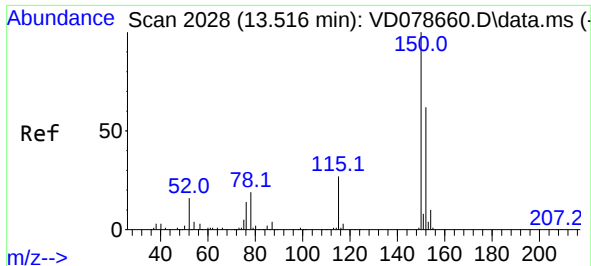


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

Tgt Ion: 117 Resp: 137461

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.4	62.2
119	34.0	26.5	39.7

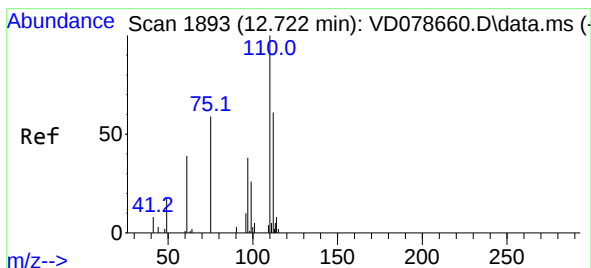
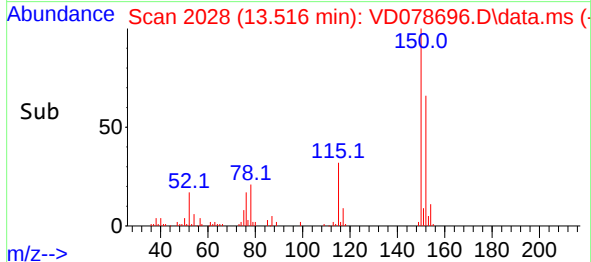
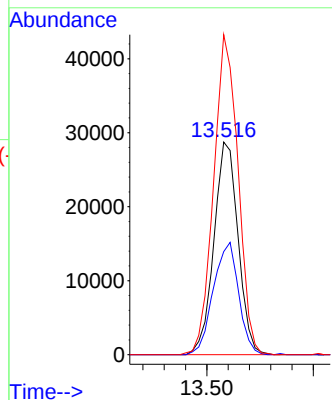
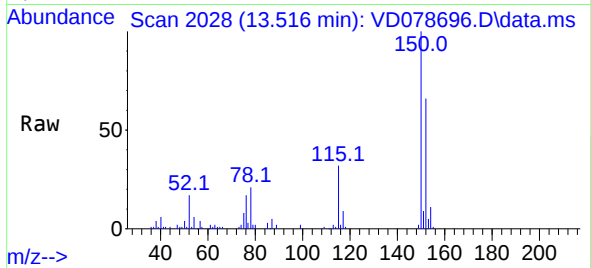




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

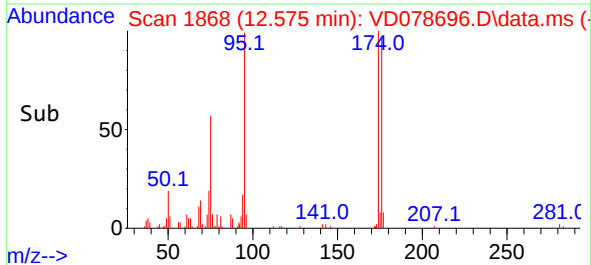
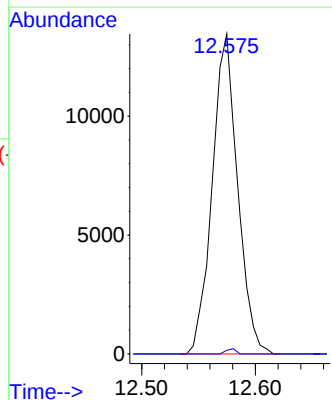
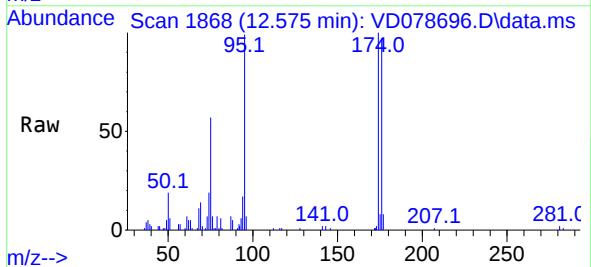
Instrument :
MSVOA_D
ClientSampleId :
1RE

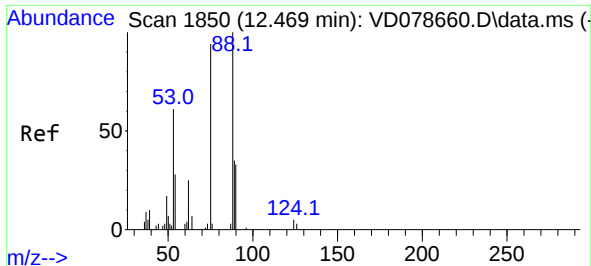
Tgt Ion:152 Resp: 45240
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 152.0 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 59.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078696.D
Acq: 18 Mar 2024 14:56

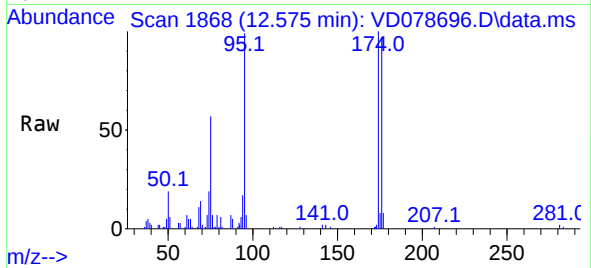
Tgt Ion: 75 Resp: 20895
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.663 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078696.D
 Acq: 18 Mar 2024 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 1RE



Tgt Ion:	75	Resp:	20895
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

