

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078793.D
 Acq On : 29 Mar 2024 14:59
 Operator : RP/MD
 Sample : P1879-09
 Misc : 3.27G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-01(0-6)

Quant Time: Mar 29 23:43:28 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)

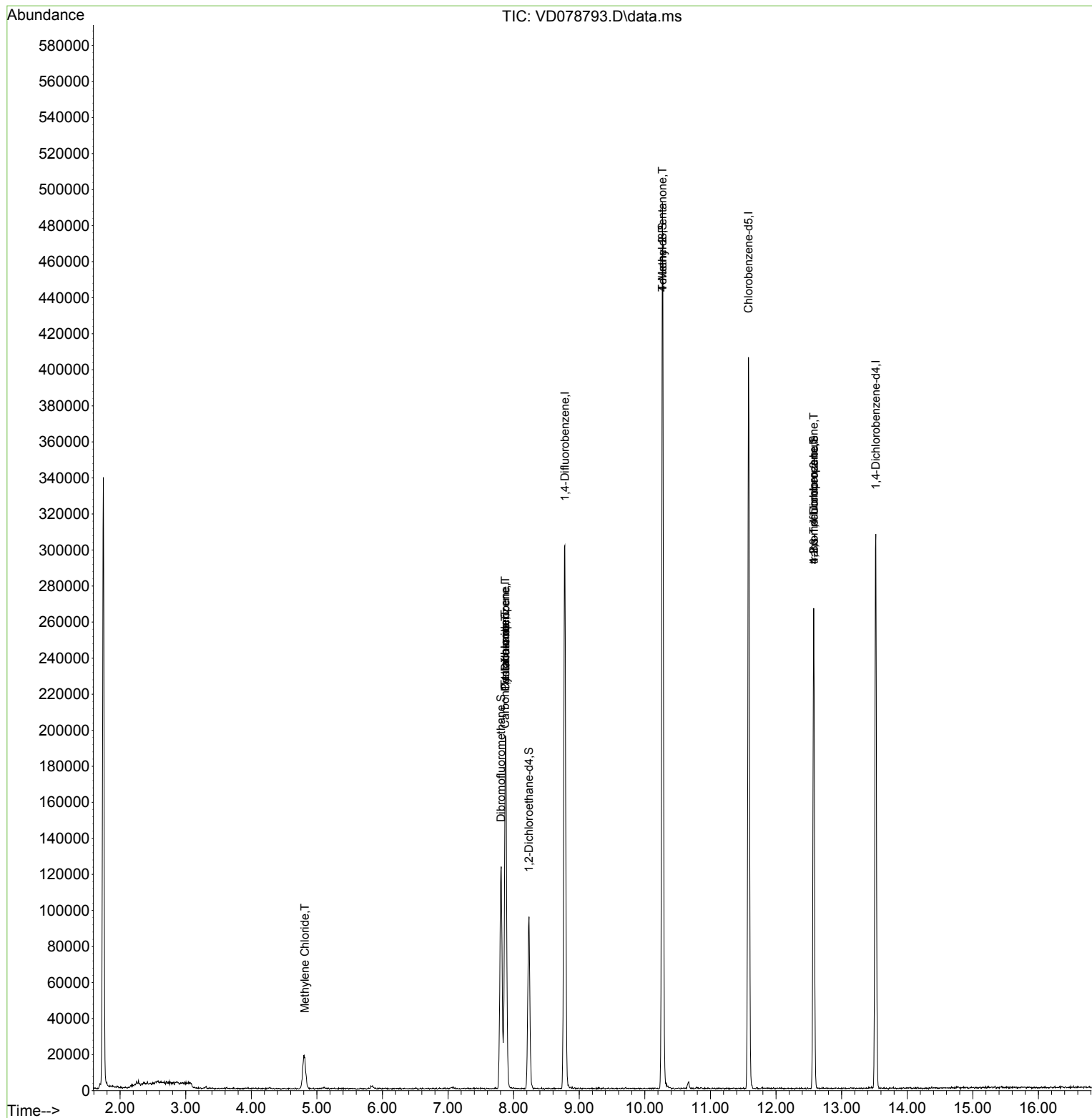
Internal Standards						
1) Pentafluorobenzene	7.875	168	158210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71334	48.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.220%
35) Dibromofluoromethane	7.810	113	89128	48.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.269	98	346563	50.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.575	95	76452	38.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.740%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.816	84	16229	3.801	ug/l	93
31) Cyclohexane	7.875	56	3284	1.318	ug/l #	58
36) 1,1-Dichloropropene	7.875	75	11646	4.334	ug/l #	44
38) Carbon Tetrachloride	7.869	117	14917	5.265	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	1524	1.826	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	39469	58.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39469	122.199	ug/l #	19

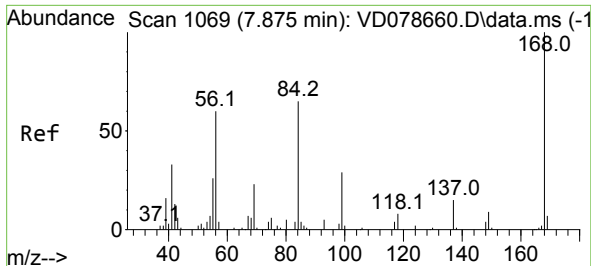
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

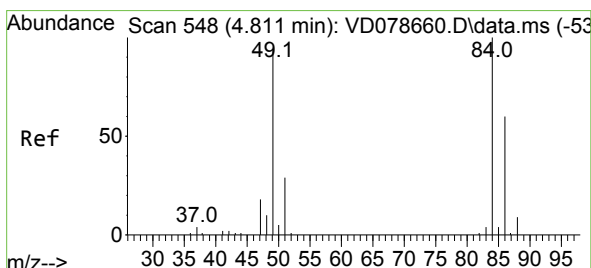
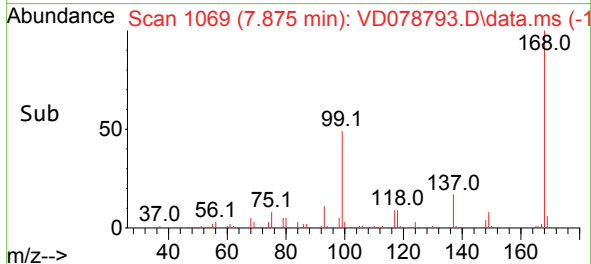
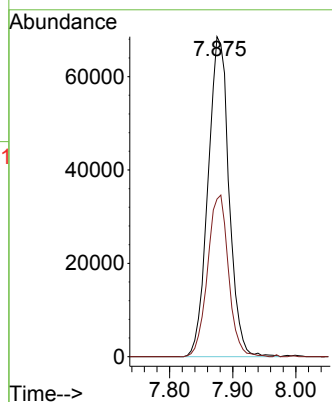
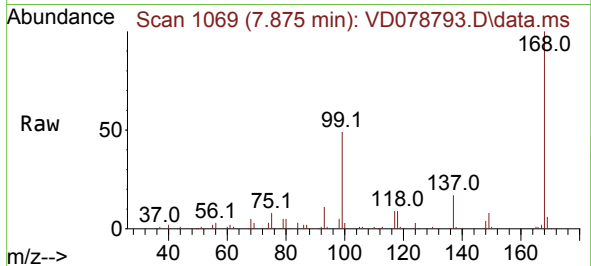




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

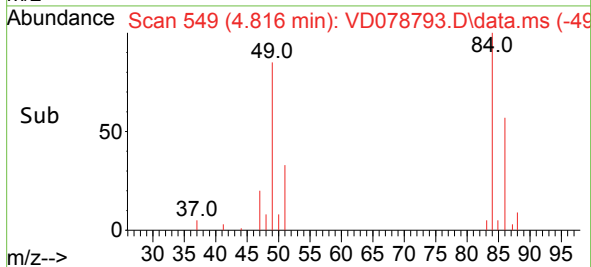
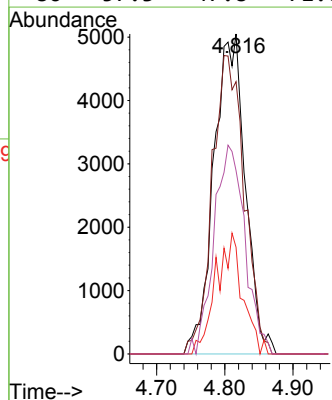
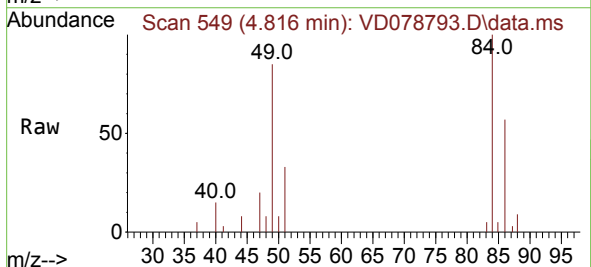
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

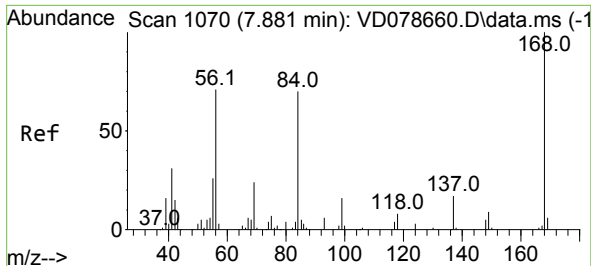
Tgt Ion:168 Resp: 158210
Ion Ratio Lower Upper
168 100
99 49.3 38.8 58.2



#20
Methylene Chloride
Concen: 3.801 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.005 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 84 Resp: 16229
Ion Ratio Lower Upper
84 100
49 85.1 75.6 113.4
51 33.4 23.4 35.0
86 57.3 47.8 71.6

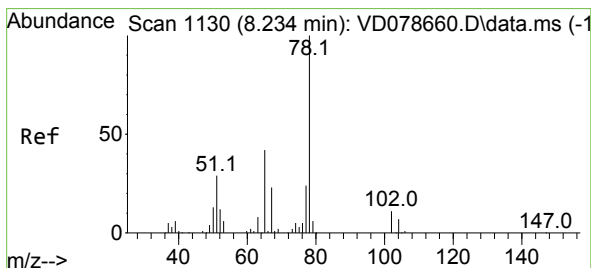
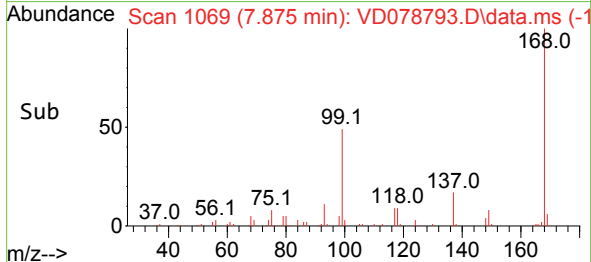
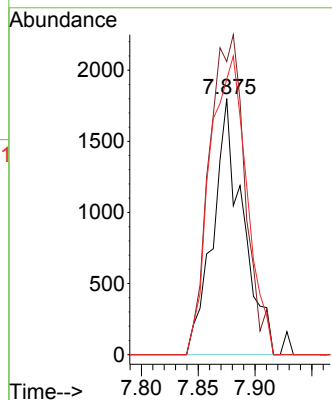
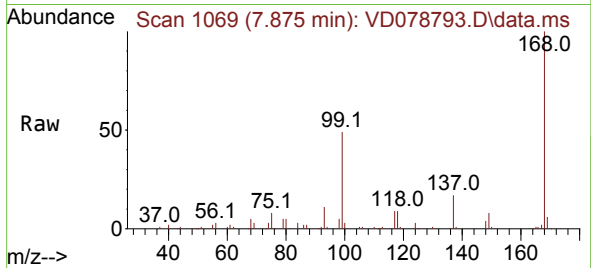




#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

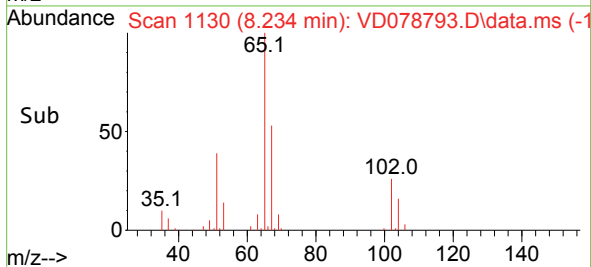
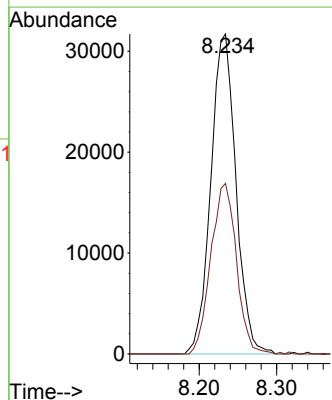
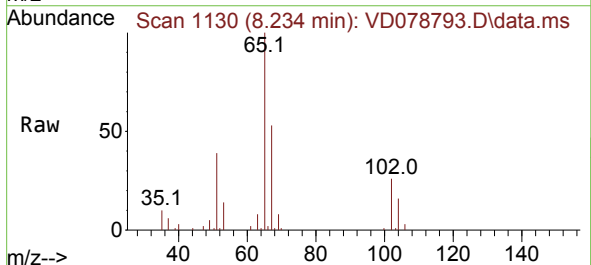
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

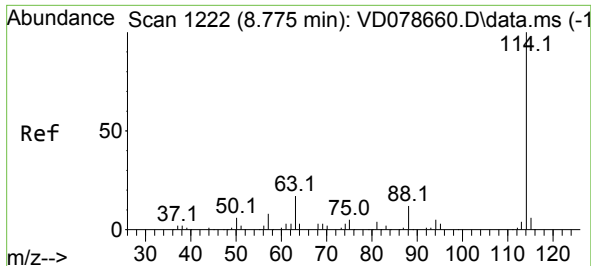
Tgt Ion: 56 Resp: 3284
Ion Ratio Lower Upper
56 100
69 114.5 26.6 40.0#
84 107.6 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 48.111 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 65 Resp: 71334
Ion Ratio Lower Upper
65 100
67 54.3 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: VD078793.D

Acq: 29 Mar 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

HS-01(0-6)

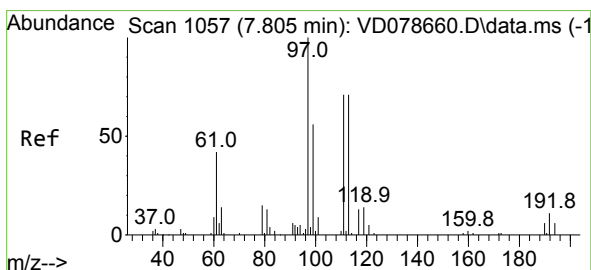
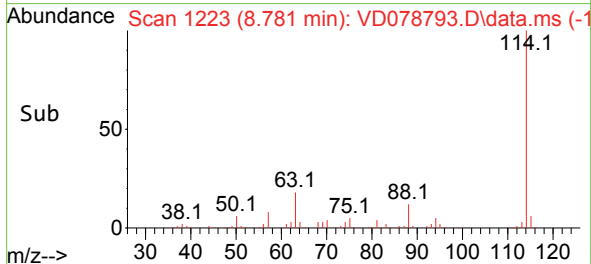
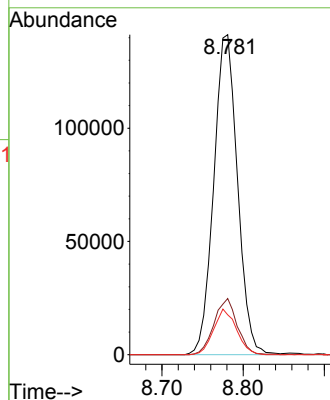
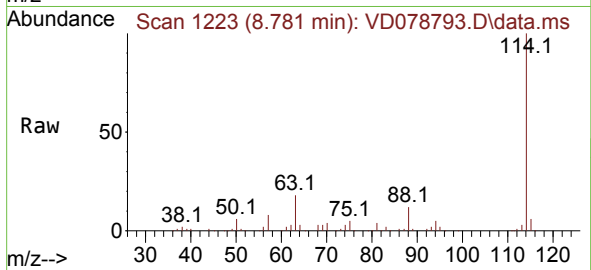
Tgt Ion:114 Resp: 287661

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.123 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078793.D

Acq: 29 Mar 2024 14:59

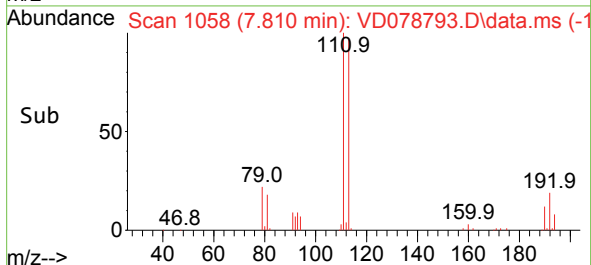
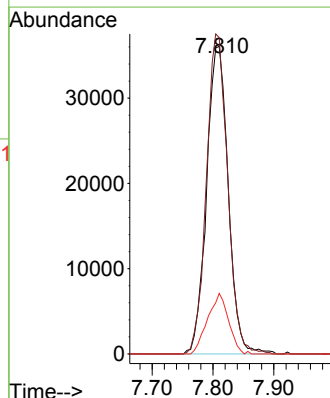
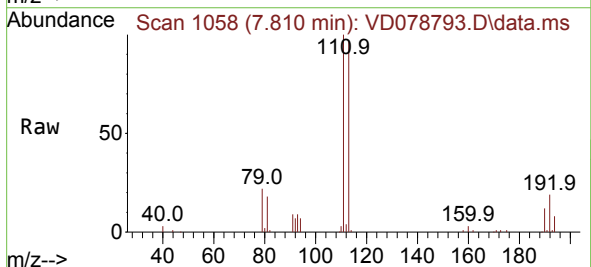
Tgt Ion:113 Resp: 89128

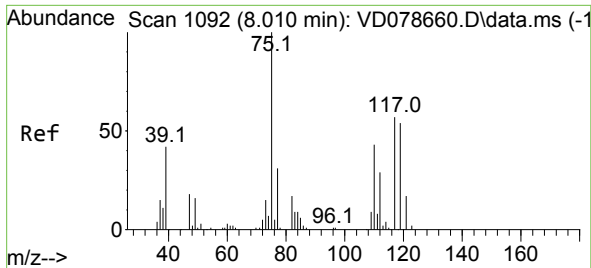
Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 19.1 15.4 23.0

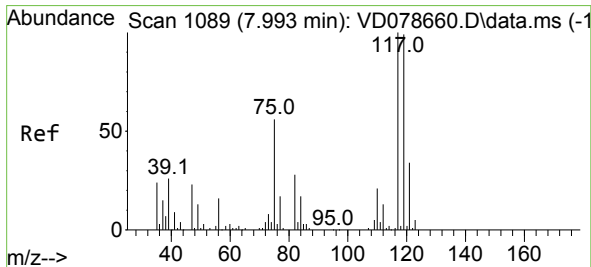
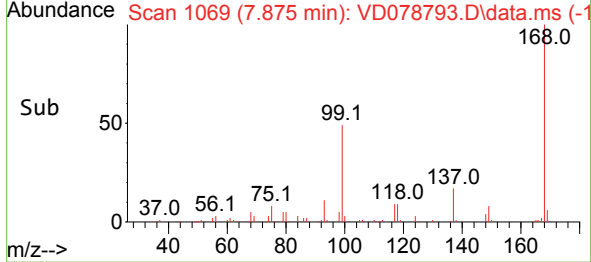
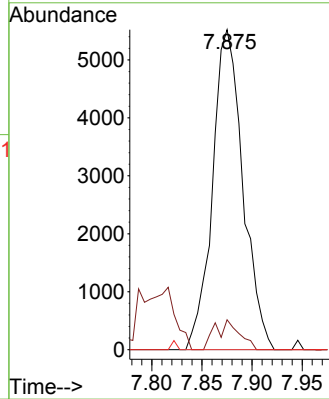
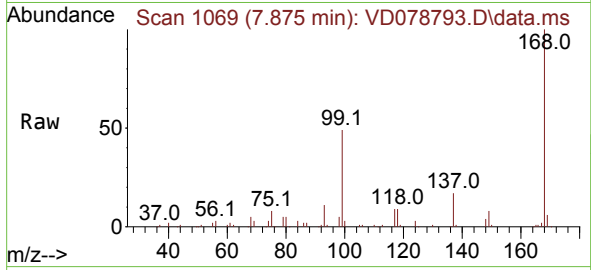




#36
1,1-Dichloropropene
Concen: 4.334 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

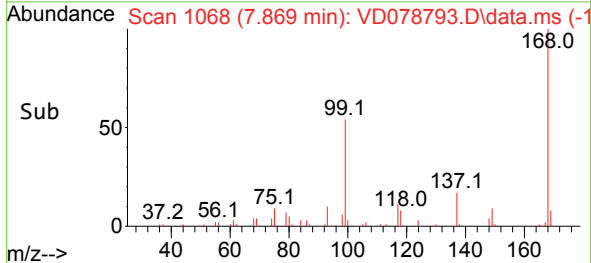
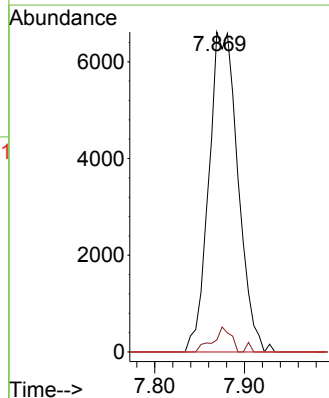
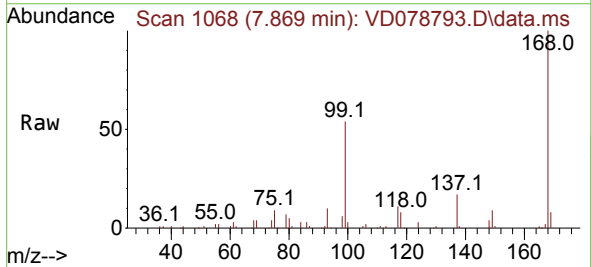
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

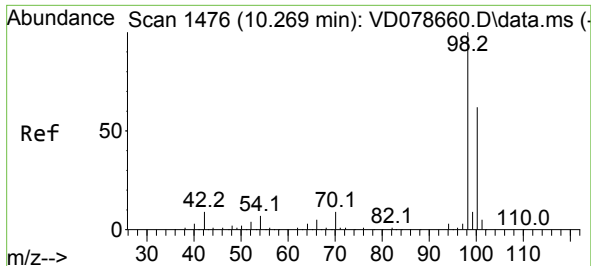
Tgt Ion: 75 Resp: 11646
Ion Ratio Lower Upper
75 100
110 4.6 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 117 Resp: 14917
Ion Ratio Lower Upper
117 100
119 3.7 79.2 118.8#
121 0.0 26.8 40.2#

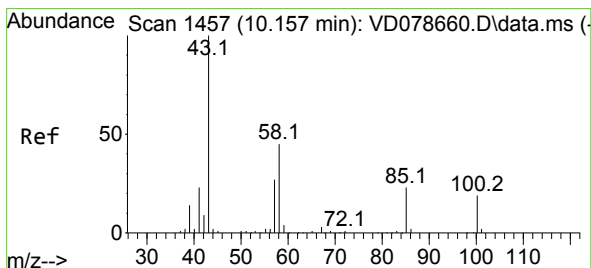
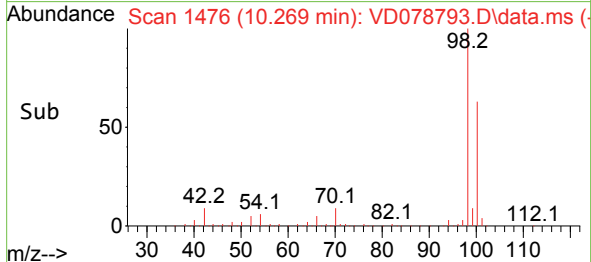
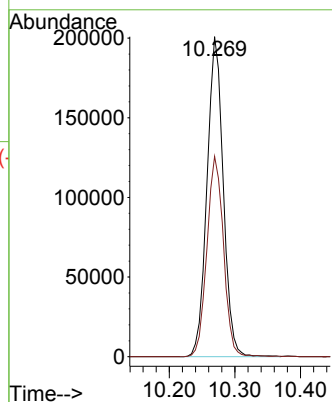
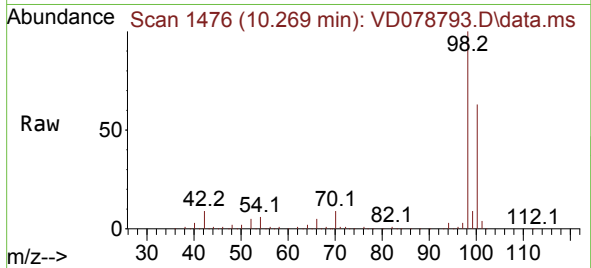




#50
Toluene-d8
Concen: 50.879 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

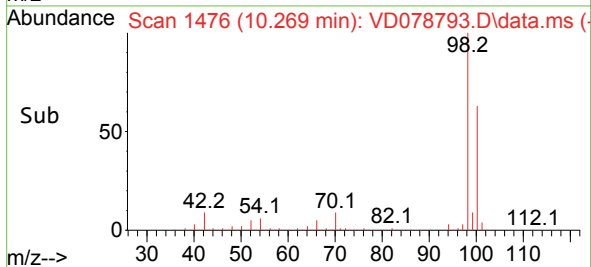
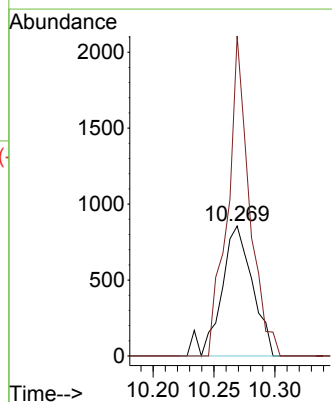
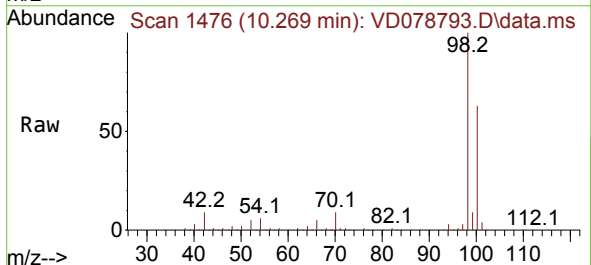
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

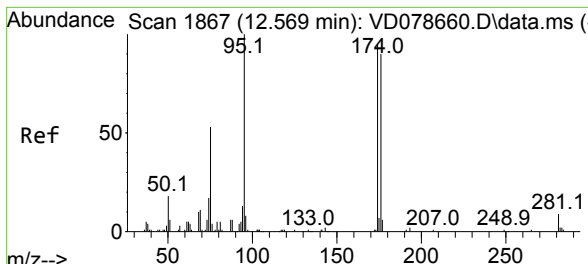
Tgt Ion: 98 Resp: 346563
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.826 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 172.4 36.4 54.6#

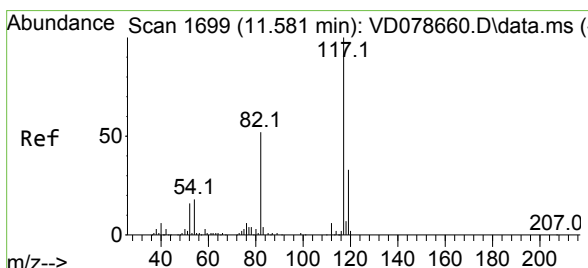
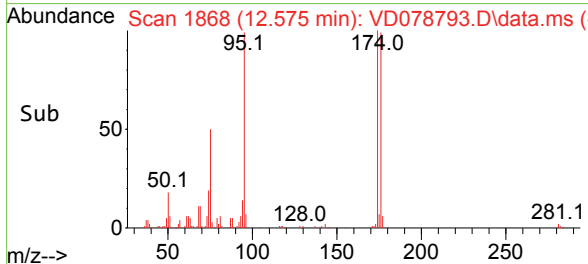
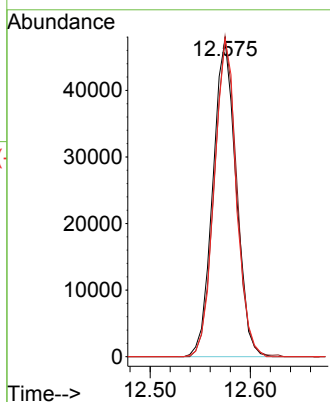
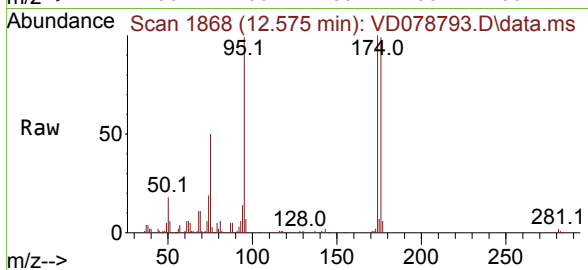




#62
 4-Bromofluorobenzene
 Concen: 38.365 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078793.D
 Acq: 29 Mar 2024 14:59

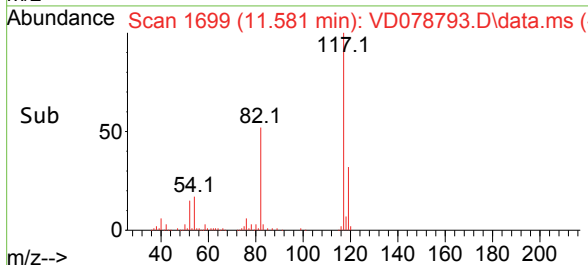
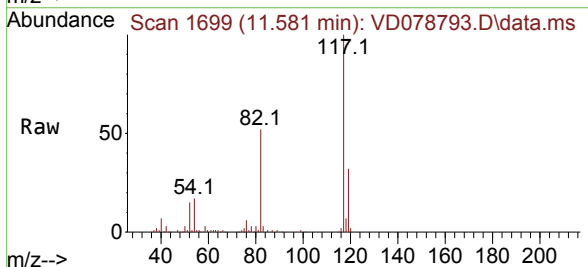
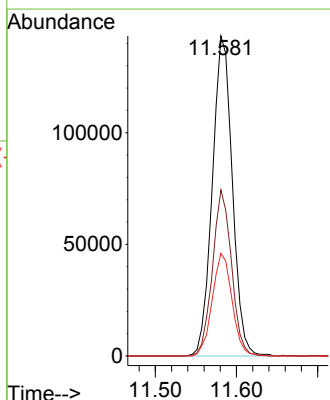
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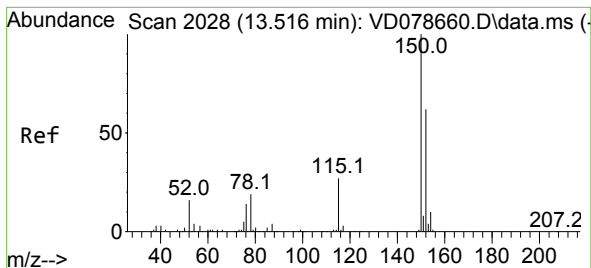
Tgt Ion:	95	Resp:	76452
Ion Ratio	Lower	Upper	
95	100		
174	97.0	0.0	195.2
176	95.7	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078793.D
 Acq: 29 Mar 2024 14:59

Tgt Ion:	117	Resp:	245545
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.4	62.2
119	32.1	26.5	39.7

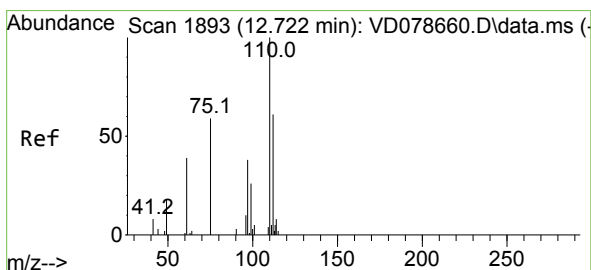
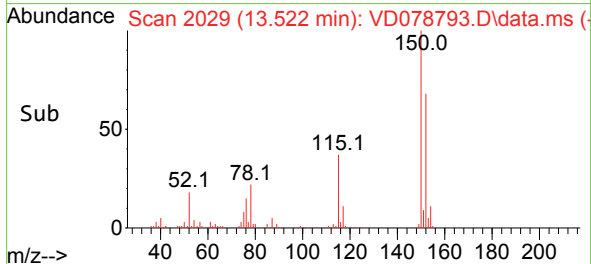
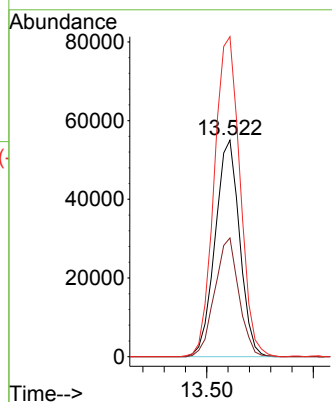
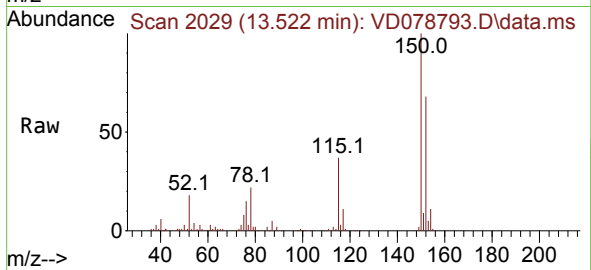




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

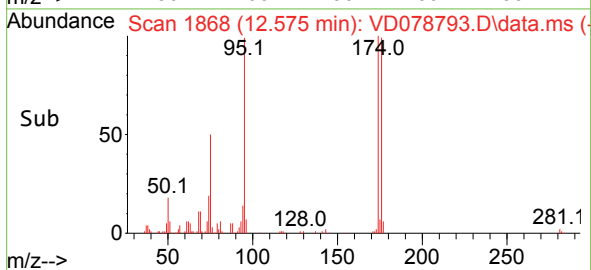
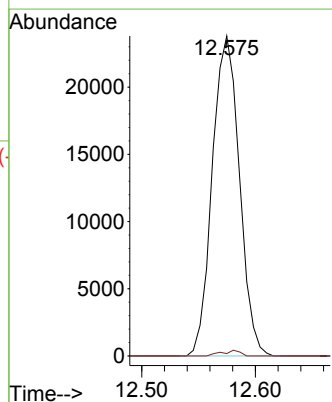
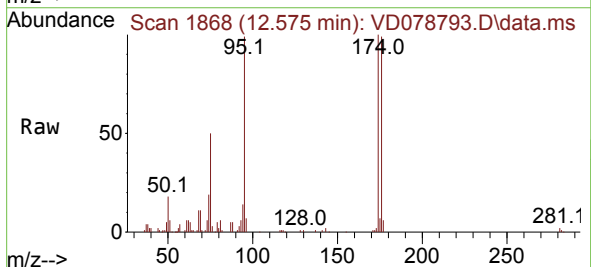
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

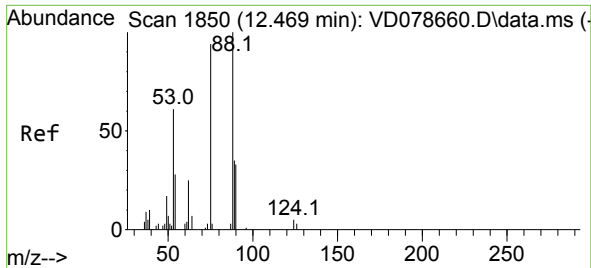
Tgt Ion:152 Resp: 87877
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 155.4 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 58.297 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

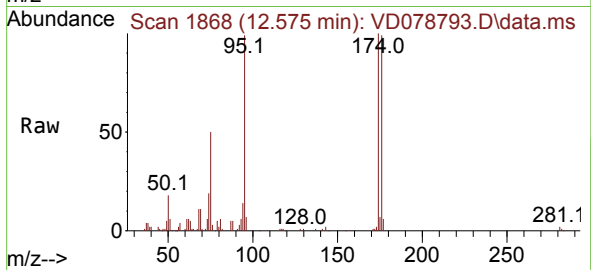
Tgt Ion: 75 Resp: 39469
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.199 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)



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

