

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078786.D
 Acq On : 28 Mar 2024 20:37
 Operator : RP/MD
 Sample : P1879-12
 Misc : 3.63G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-04(0-6)

Quant Time: Mar 29 01:39:10 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)

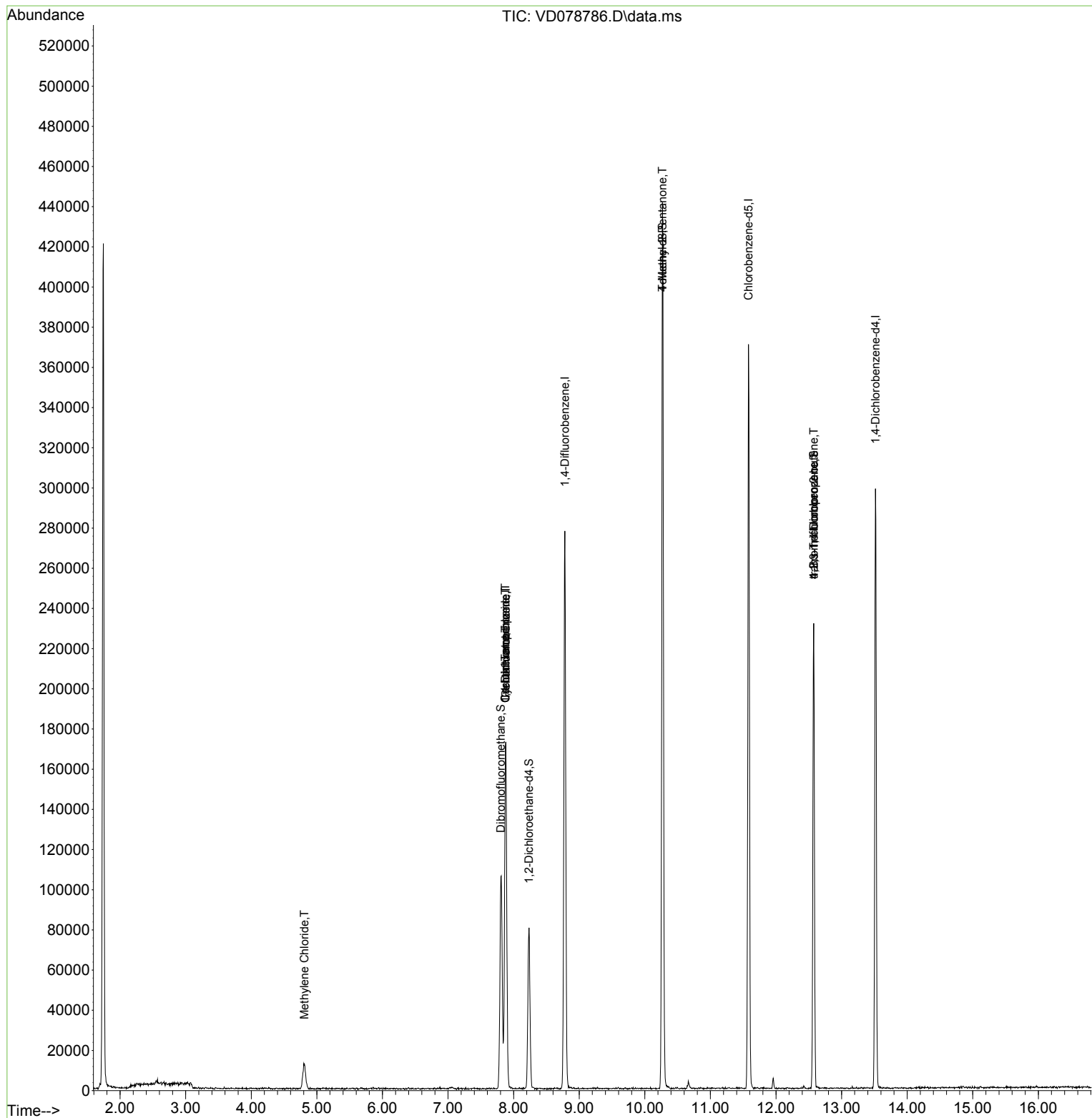
Internal Standards						
1) Pentafluorobenzene	7.881	168	136585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61693	48.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.805	113	77528	46.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.269	98	312599	51.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.575	95	70190	39.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.980%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	10375	1.414	ug/l #	92
31) Cyclohexane	7.875	56	2809	1.306	ug/l #	63
36) 1,1-Dichloropropene	7.875	75	10921	4.556	ug/l #	46
38) Carbon Tetrachloride	7.875	117	13489	5.338	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1128	1.515	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	35618	55.540	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35618	116.420	ug/l #	19

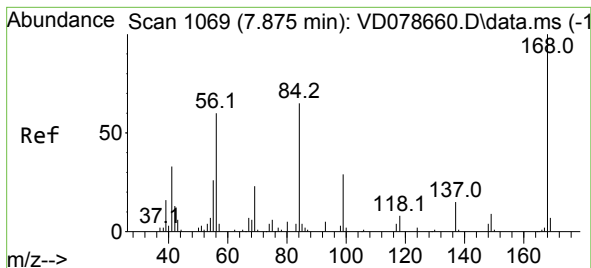
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_D

ClientSampleId :

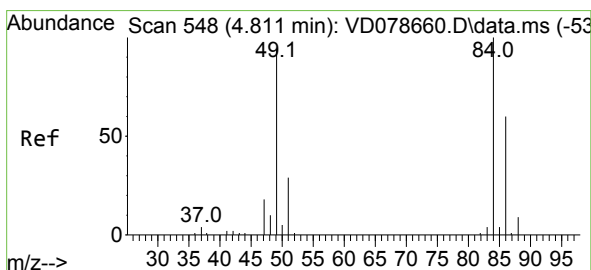
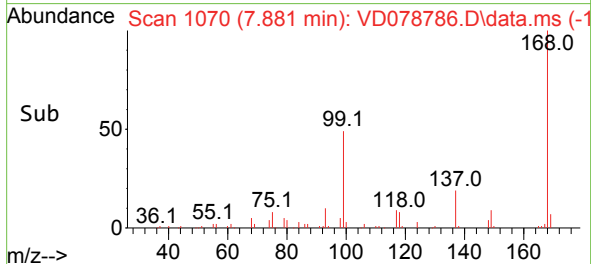
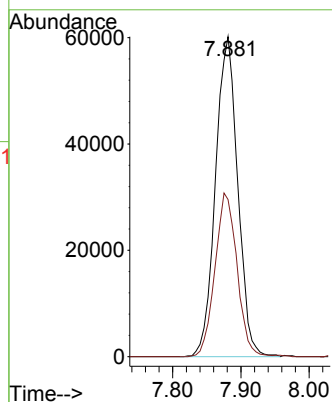
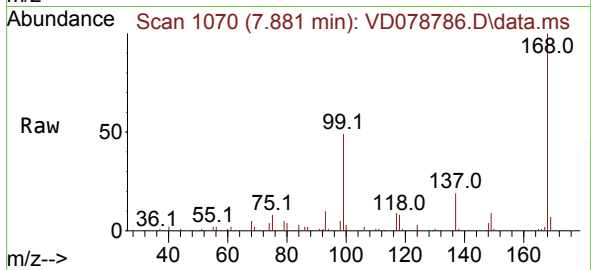
HS-04(0-6)

Tgt Ion:168 Resp: 136585

Ion Ratio Lower Upper

168 100

99 49.1 38.8 58.2



#20

Methylene Chloride

Concen: 1.414 ug/l

RT: 4.811 min Scan# 548

Delta R.T. -0.000 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Tgt Ion: 84 Resp: 10375

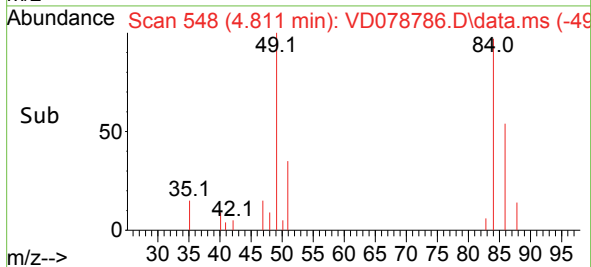
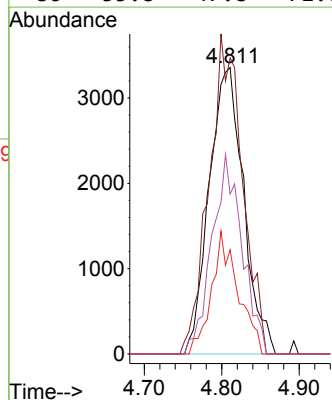
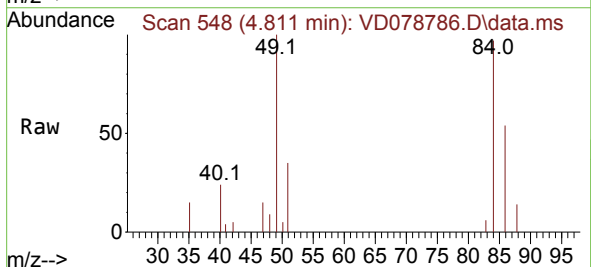
Ion Ratio Lower Upper

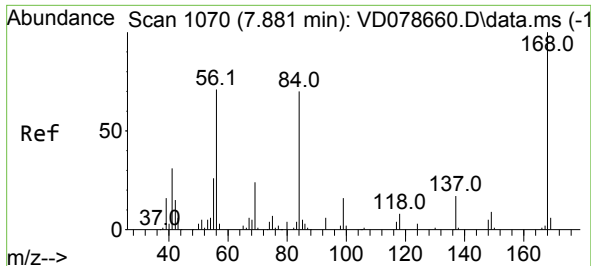
84 100

49 103.3 75.6 113.4

51 36.3 23.4 35.0#

86 55.8 47.8 71.6

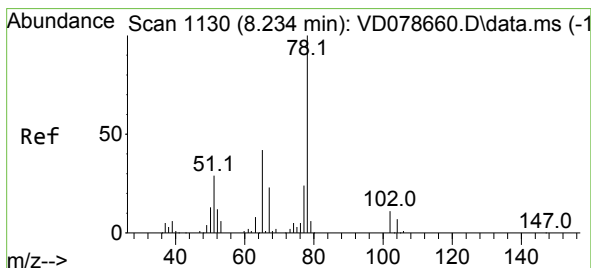
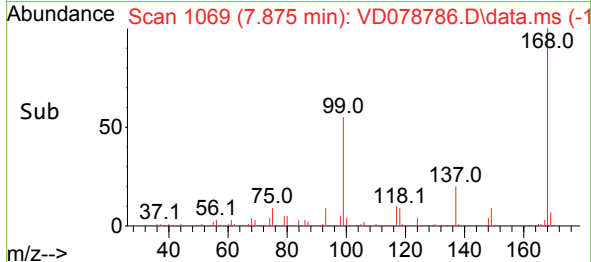
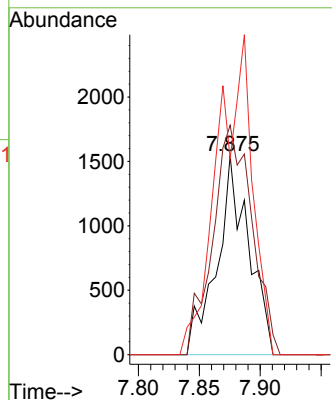
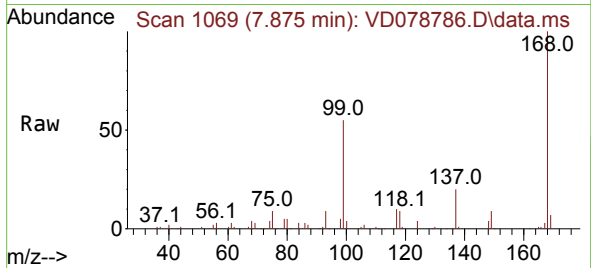




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

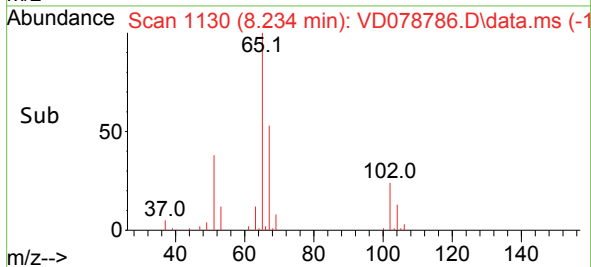
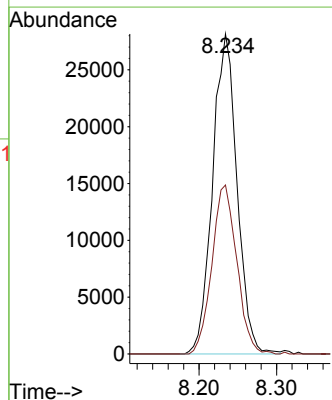
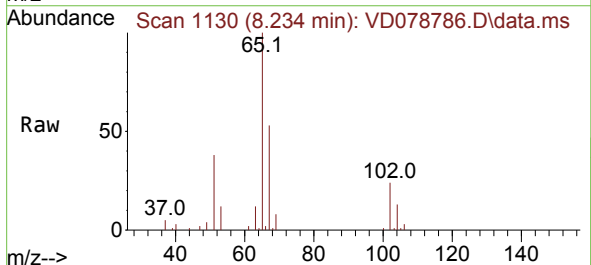
Instrument :
MSVOA_D
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HS-04(0-6)

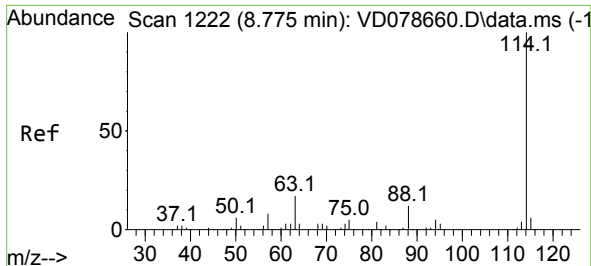
Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
69 115.1 26.6 40.0#
84 98.3 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 48.197 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 65 Resp: 61693
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

Instrument :

MSVOA_D

ClientSampleId :

HS-04(0-6)

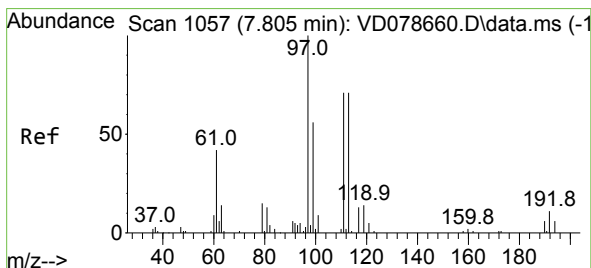
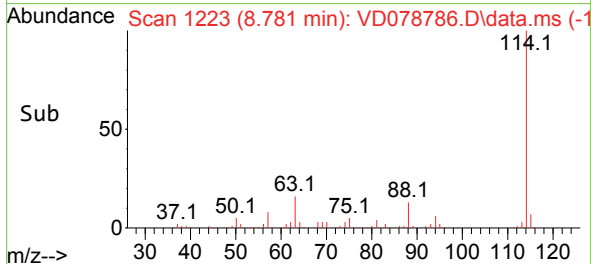
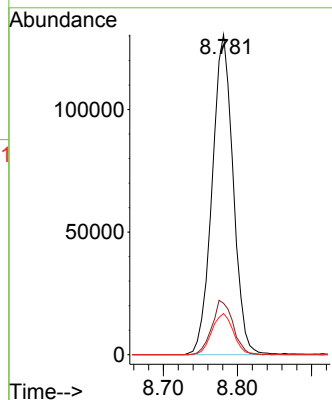
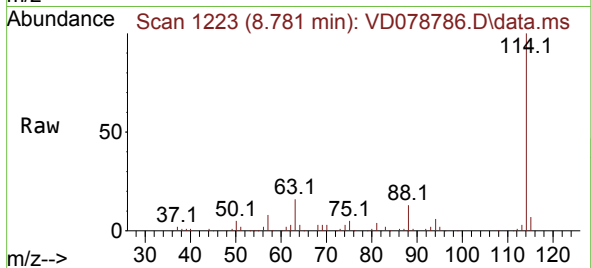
Tgt Ion:114 Resp: 256602

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 12.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078786.D

Acq: 28 Mar 2024 20:37

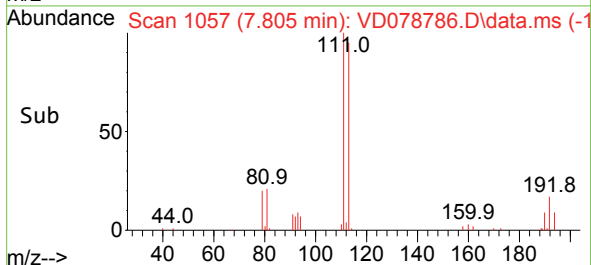
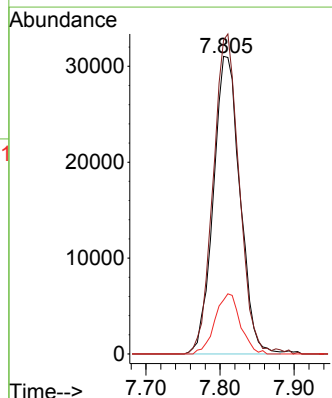
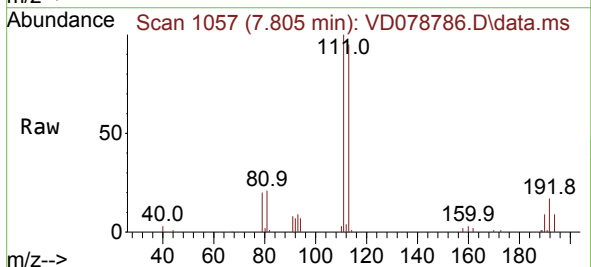
Tgt Ion:113 Resp: 77528

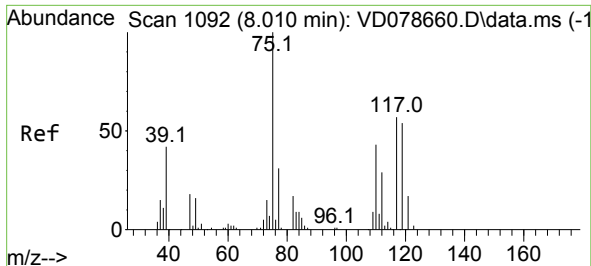
Ion Ratio Lower Upper

113 100

111 105.2 81.9 122.9

192 19.1 15.4 23.0

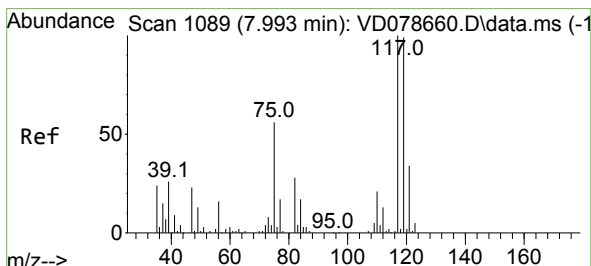
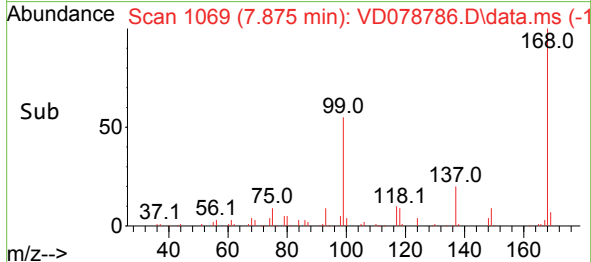
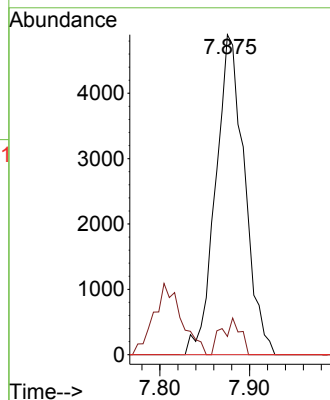
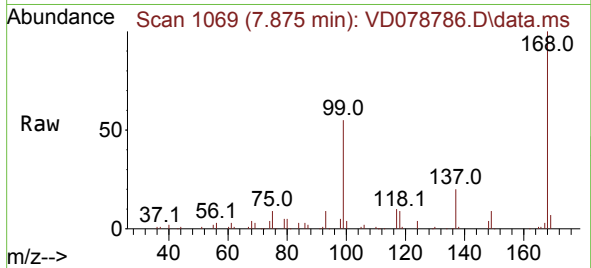




#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

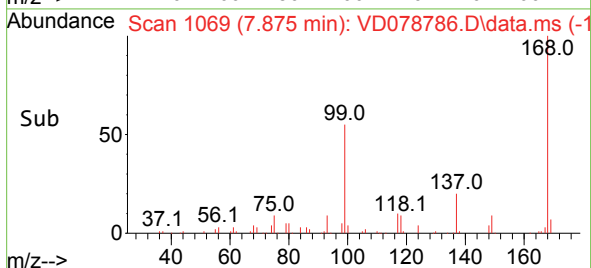
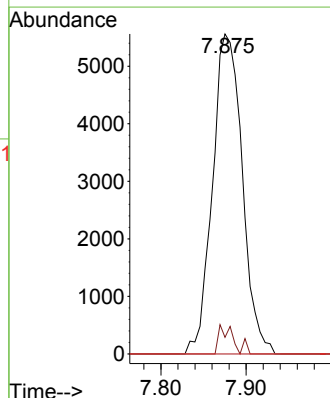
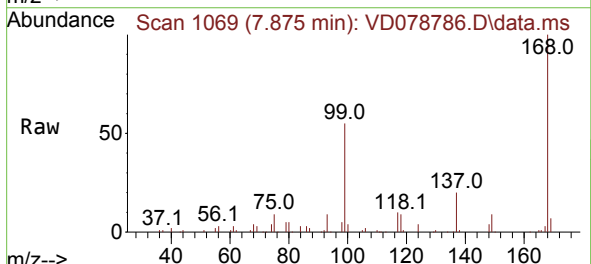
Instrument :
MSVOA_D
ClientSampleId :
HS-04(0-6)

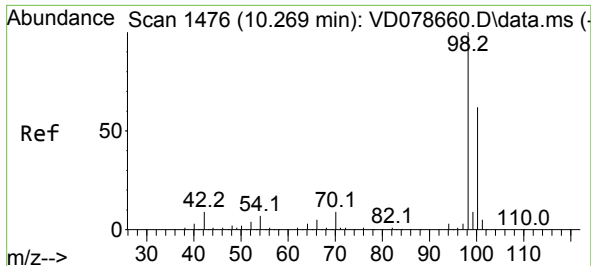
Tgt Ion: 75 Resp: 10921
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 117 Resp: 13489
Ion Ratio Lower Upper
117 100
119 5.2 79.2 118.8#
121 0.0 26.8 40.2#

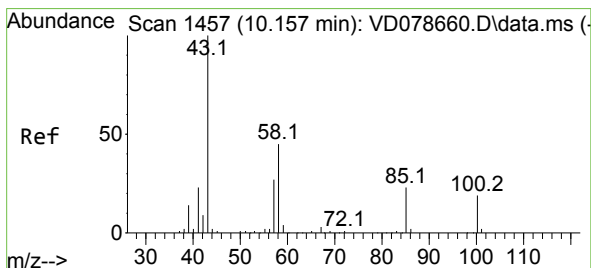
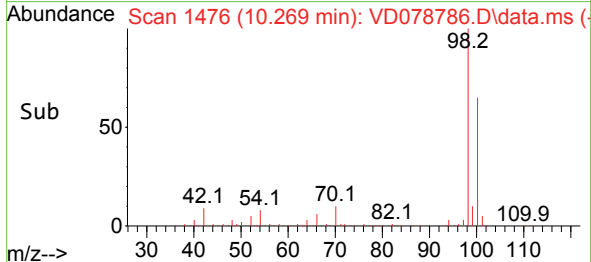
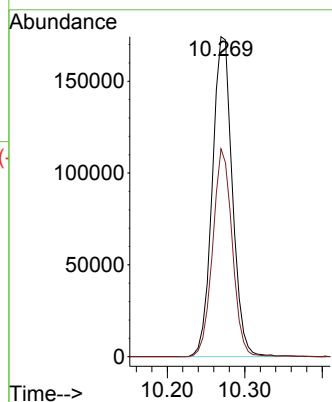
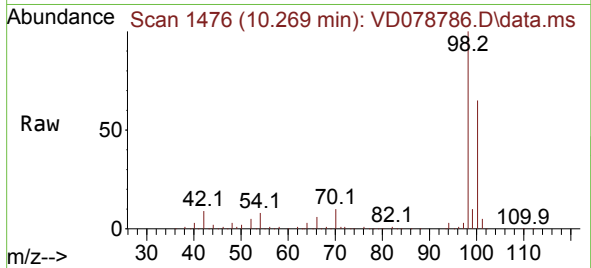




#50
Toluene-d8
Concen: 51.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

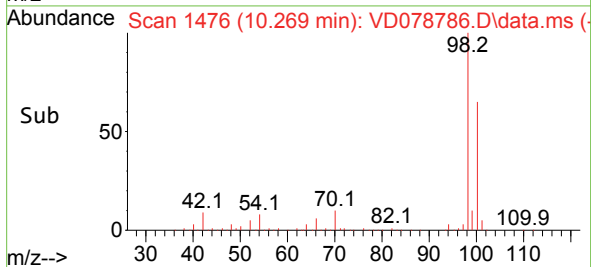
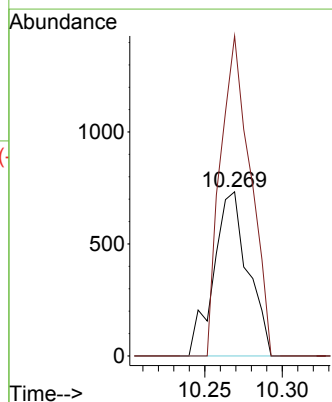
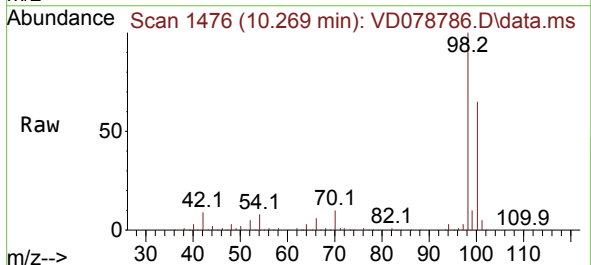
Instrument :
MSVOA_D
ClientSampleId :
HS-04(0-6)

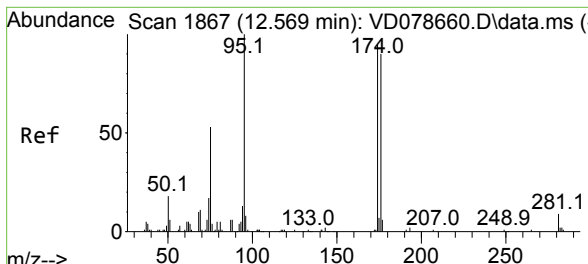
Tgt Ion: 98 Resp: 312599
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.515 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 170.1 36.4 54.6#

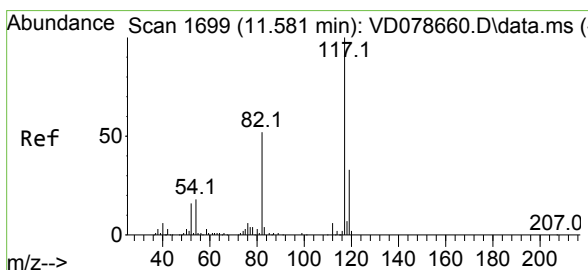
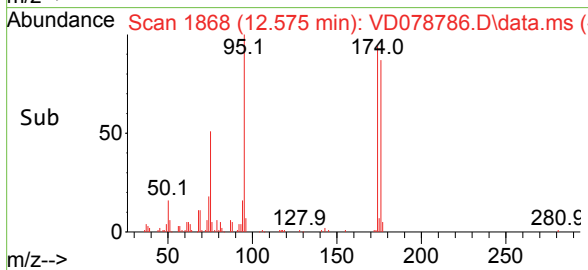
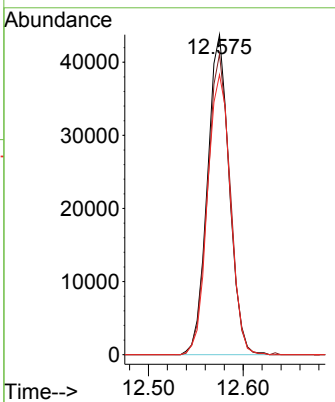
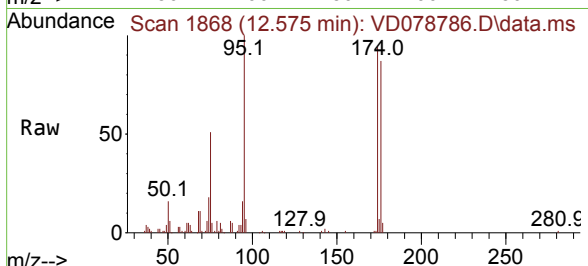




#62
 4-Bromofluorobenzene
 Concen: 39.486 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078786.D
 Acq: 28 Mar 2024 20:37

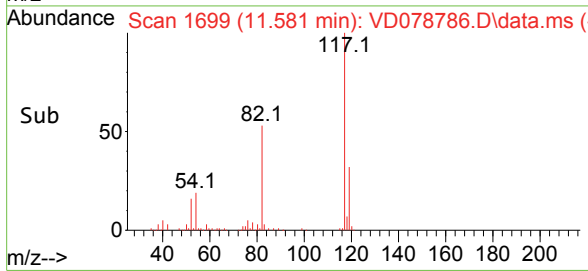
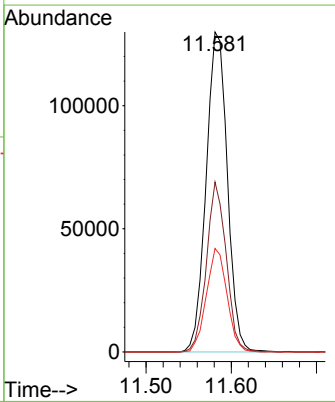
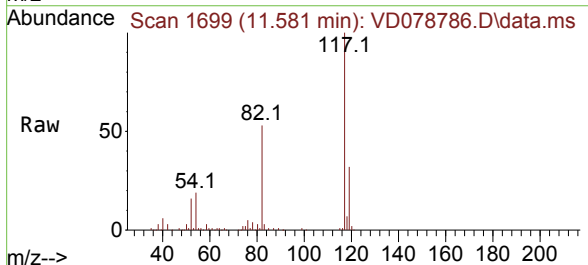
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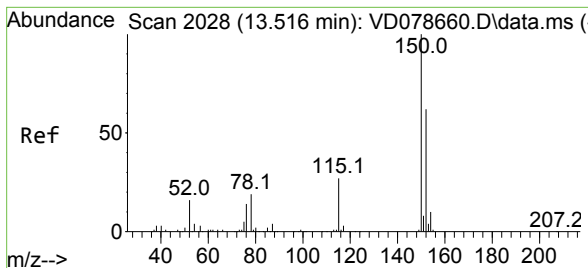
Tgt Ion:	95	Resp:	70190
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	195.2
176	91.9	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078786.D
 Acq: 28 Mar 2024 20:37

Tgt Ion:	117	Resp:	224905
Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.4	62.2
119	32.4	26.5	39.7

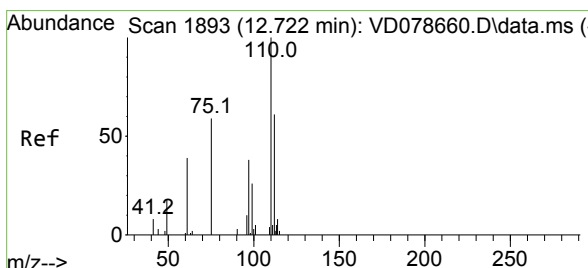
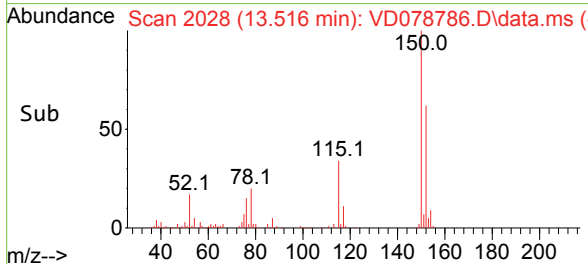
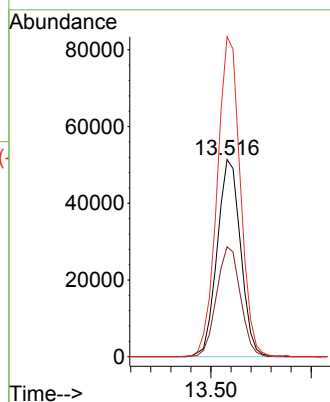
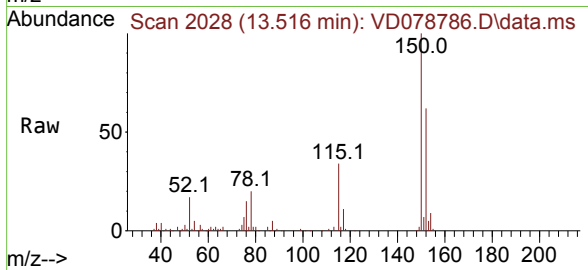




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078786.D
 Acq: 28 Mar 2024 20:37

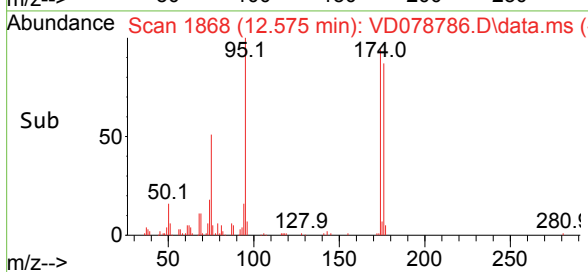
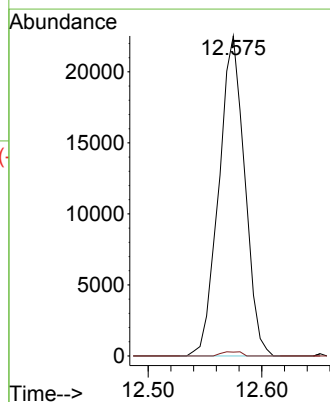
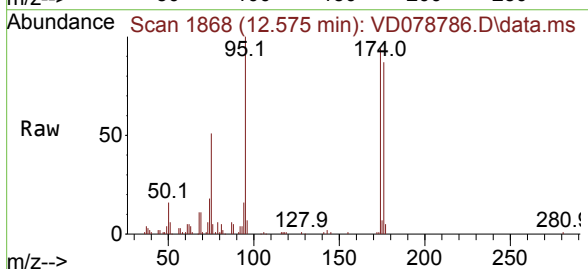
Instrument :
 MSVOA_D
 ClientSampleId :
 HS-04(0-6)

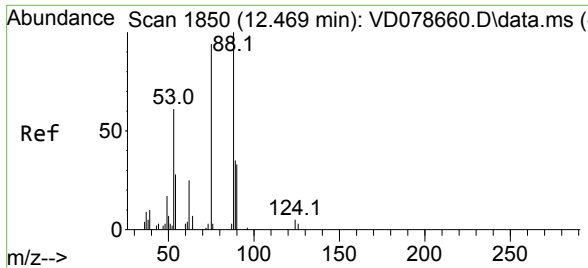
Tgt Ion:152 Resp: 83239
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.2
 150 160.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 55.540 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078786.D
 Acq: 28 Mar 2024 20:37

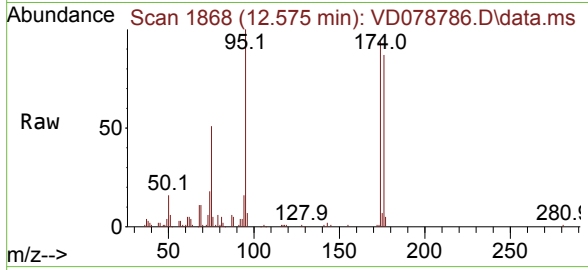
Tgt Ion: 75 Resp: 35618
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 116.420 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078786.D
Acq: 28 Mar 2024 20:37

Instrument :
MSVOA_D
ClientSampleId :
HS-04(0-6)



Tgt Ion:	75	Resp:	35618
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

