

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078736.D
 Acq On : 22 Mar 2024 12:10
 Operator : RP/MD
 Sample : VD0322SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Quant Time: Mar 22 23:18:08 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)

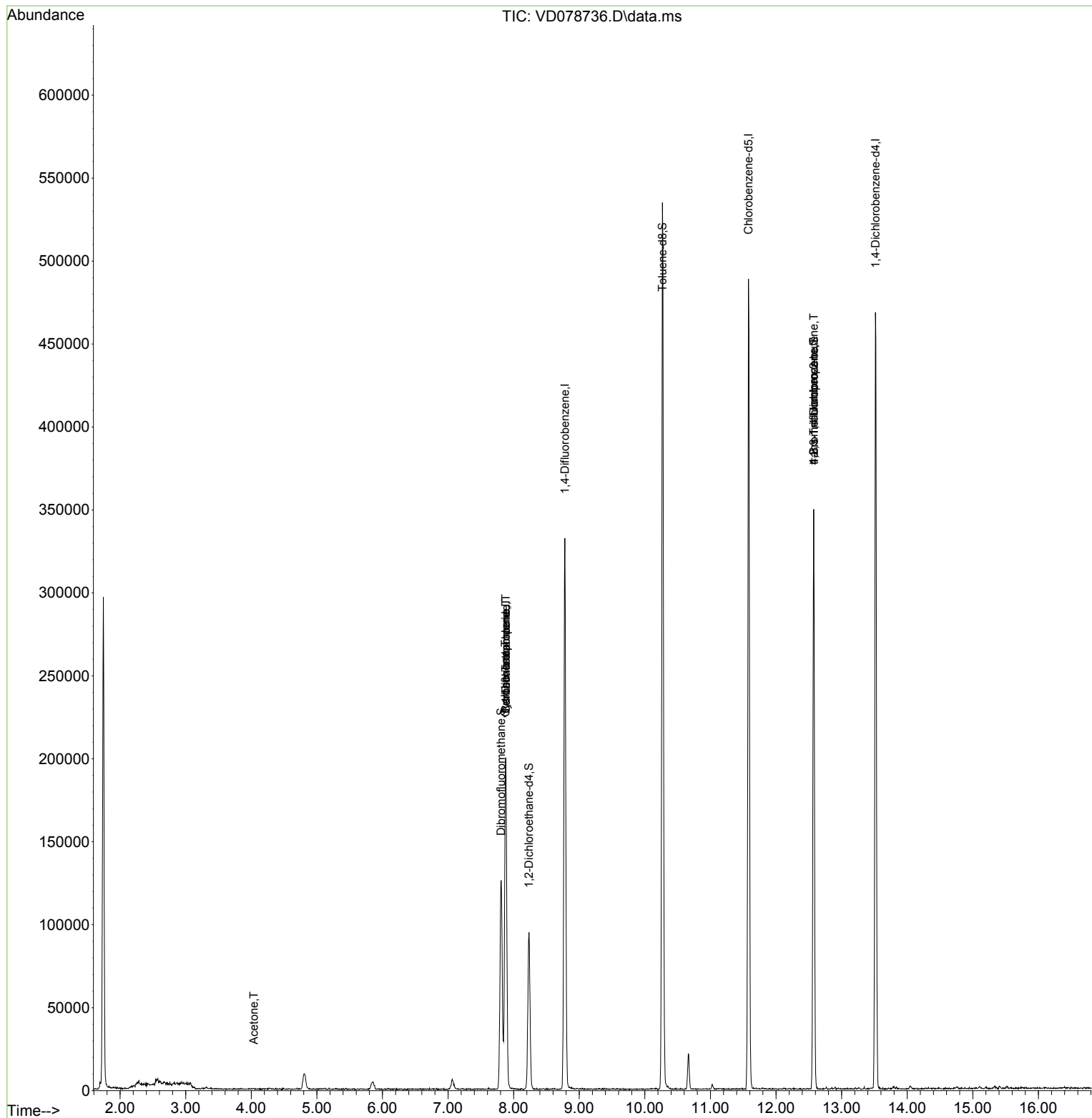
Internal Standards						
1) Pentafluorobenzene	7.881	168	163468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	307317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73310	47.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.810	113	93616	47.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.269	98	375366	51.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.575	95	102731	48.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.520%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	311	1.050	ug/l #	39
20) Methylene Chloride	4.811	84	7955	Below Cal		96
31) Cyclohexane	7.875	56	3232	1.255	ug/l #	41
36) 1,1-Dichloropropene	7.881	75	13275	4.624	ug/l #	48
38) Carbon Tetrachloride	7.881	117	14985	4.951	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	52620	52.003	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52620	109.007	ug/l #	19

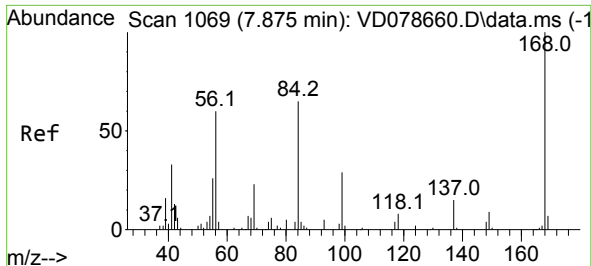
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Quant Time: Mar 22 23:18:08 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

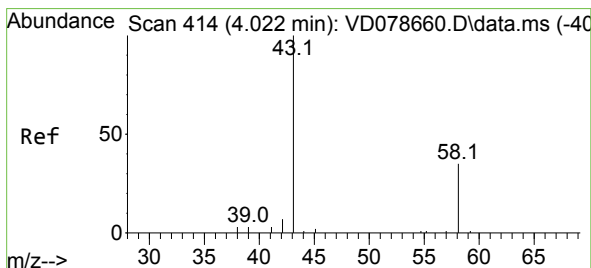
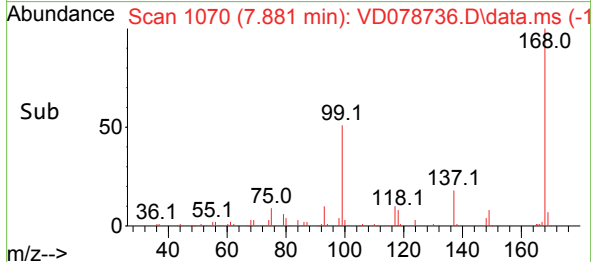
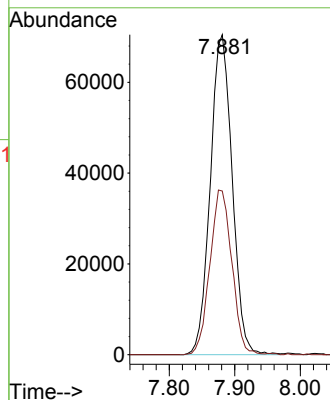
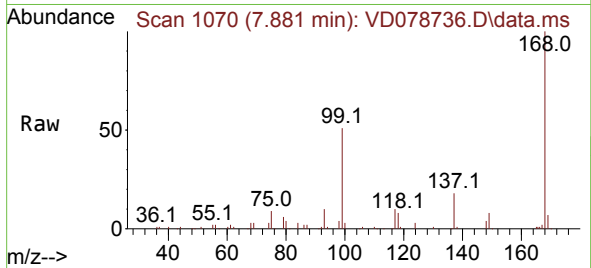




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

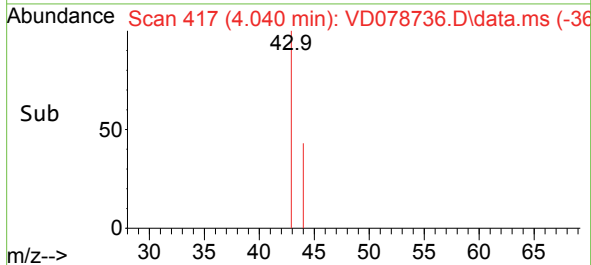
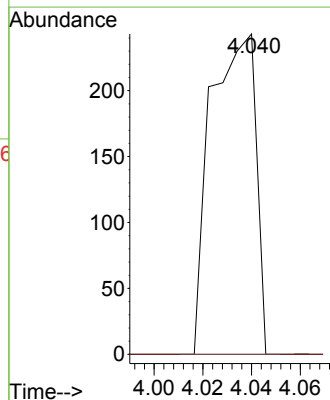
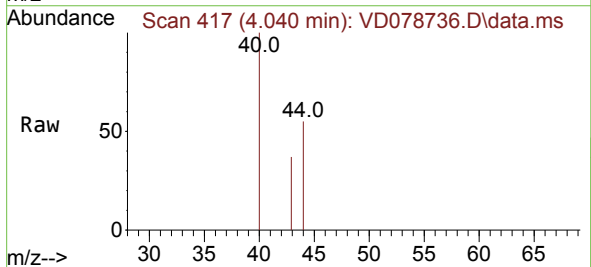
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

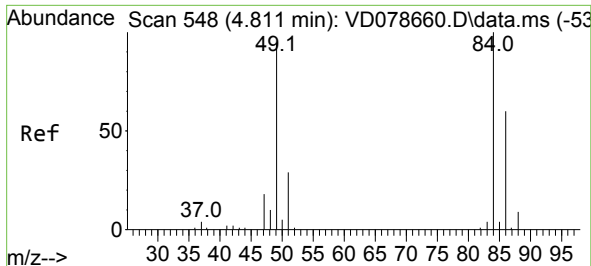
Tgt Ion:168 Resp: 163468
Ion Ratio Lower Upper
168 100
99 51.2 38.8 58.2



#16
Acetone
Concen: 1.050 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

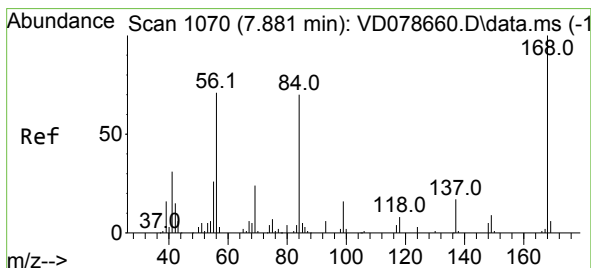
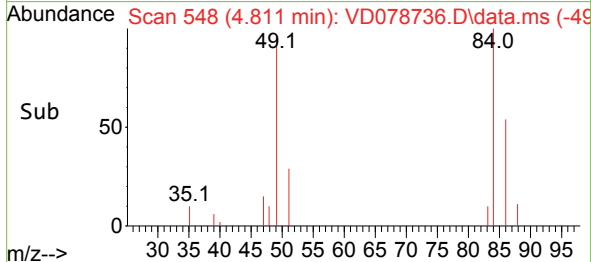
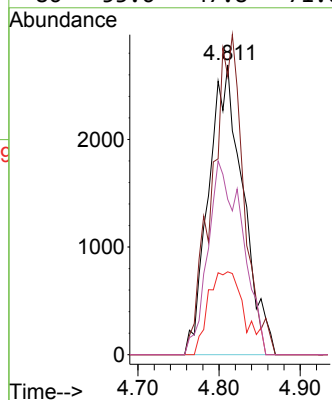
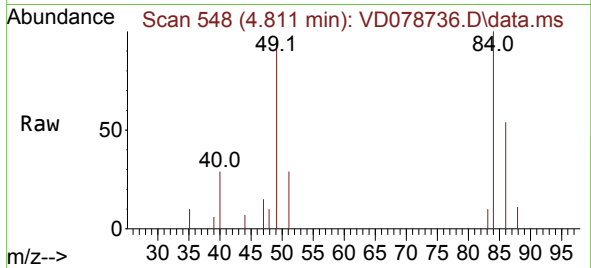




#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

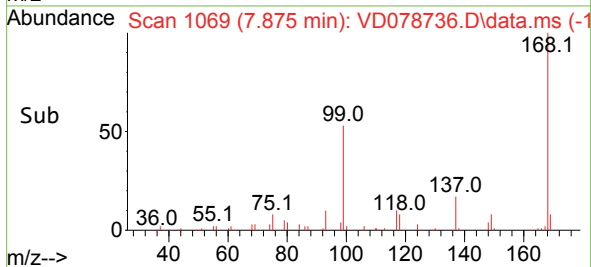
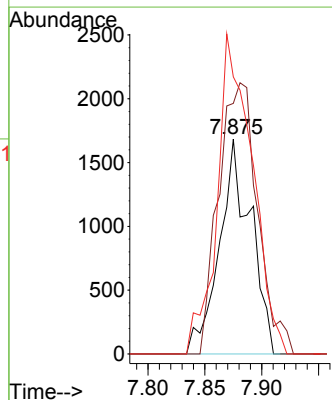
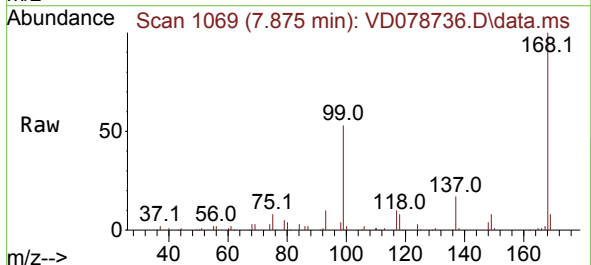
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

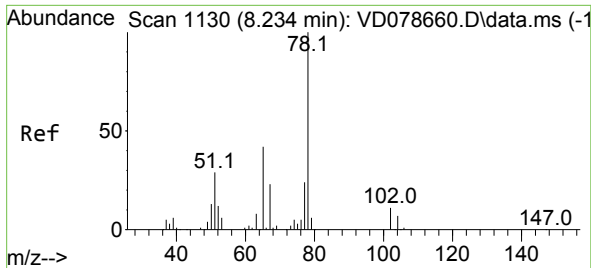
Tgt Ion: 84	Resp:	7955	
Ion	Ratio	Lower	Upper
84	100		
49	96.1	75.6	113.4
51	28.6	23.4	35.0
86	53.6	47.8	71.6



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

Tgt Ion: 56	Resp:	3232	
Ion	Ratio	Lower	Upper
56	100		
69	116.6	26.6	40.0#
84	129.0	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 47.854 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078736.D

Acq: 22 Mar 2024 12:10

Instrument :

MSVOA_D

ClientSampleId :

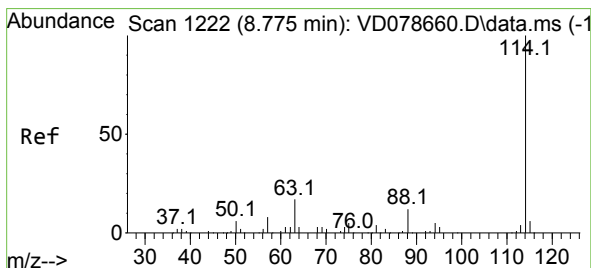
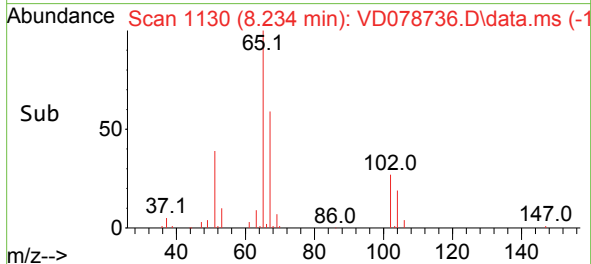
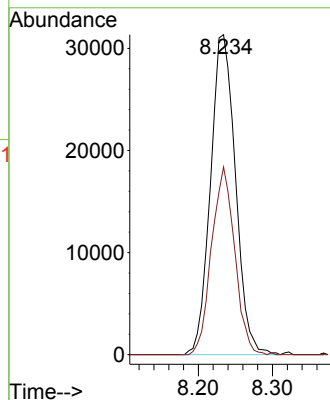
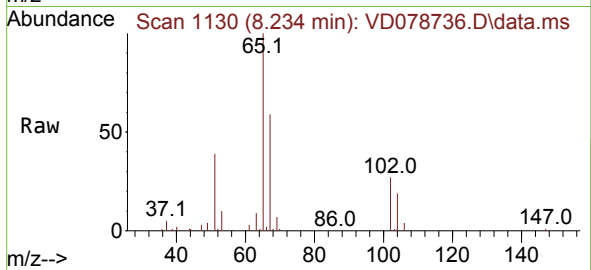
VD0322SBL01

Tgt Ion: 65 Resp: 73310

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078736.D

Acq: 22 Mar 2024 12:10

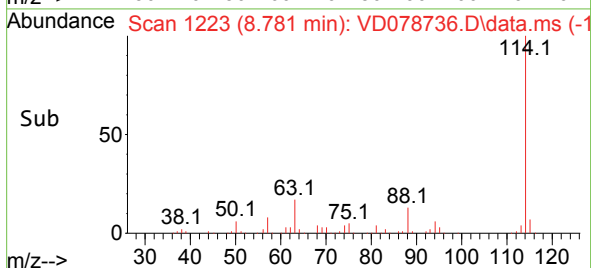
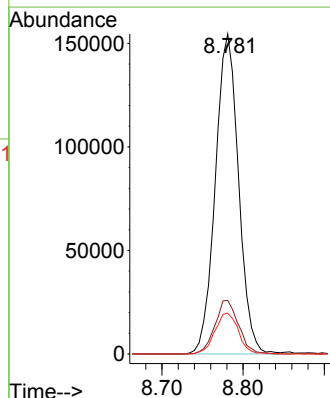
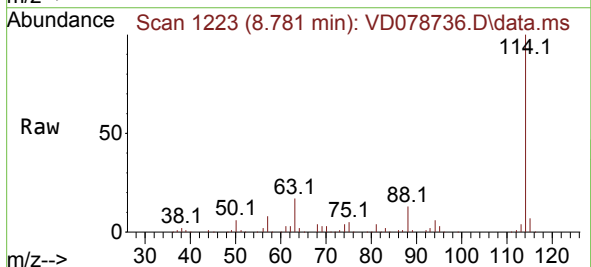
Tgt Ion: 114 Resp: 307317

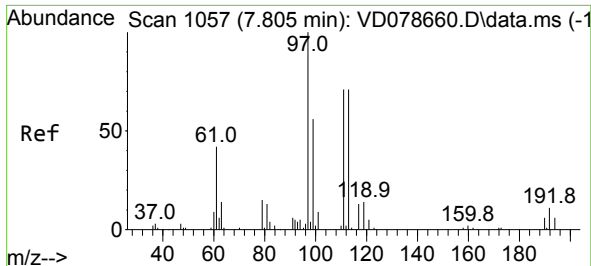
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 47.313 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078736.D

Acq: 22 Mar 2024 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBL01

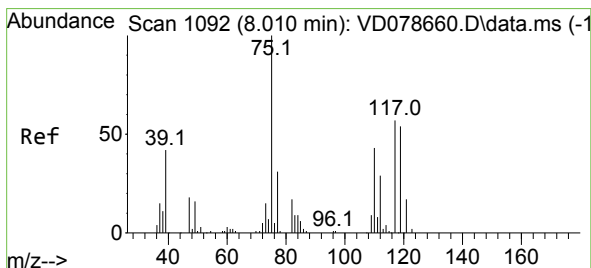
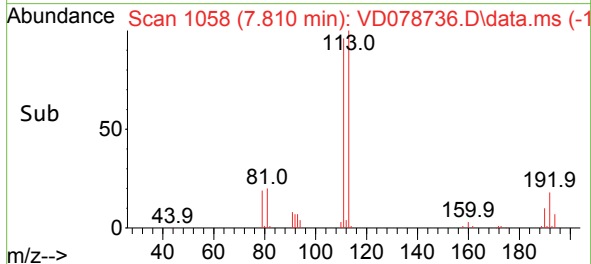
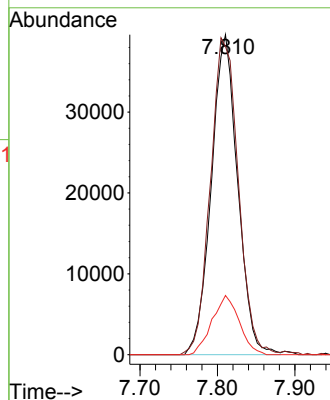
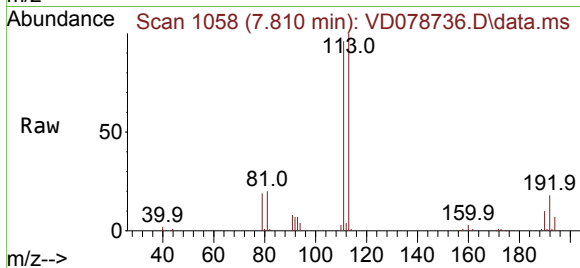
Tgt Ion:113 Resp: 93616

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

192 19.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.624 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078736.D

Acq: 22 Mar 2024 12:10

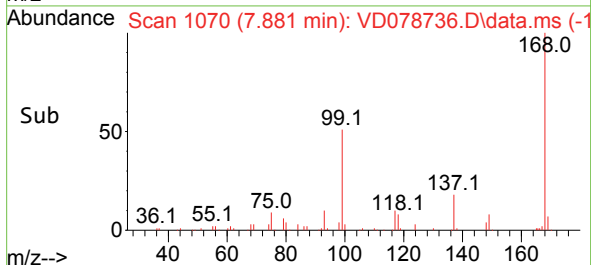
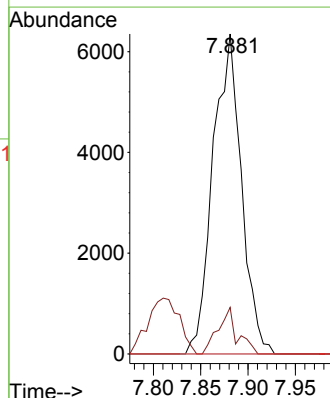
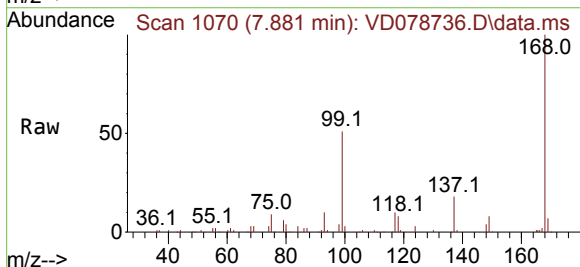
Tgt Ion: 75 Resp: 13275

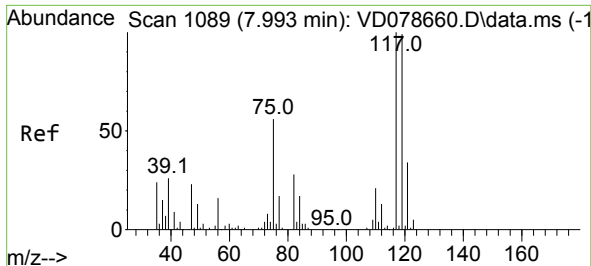
Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.1#

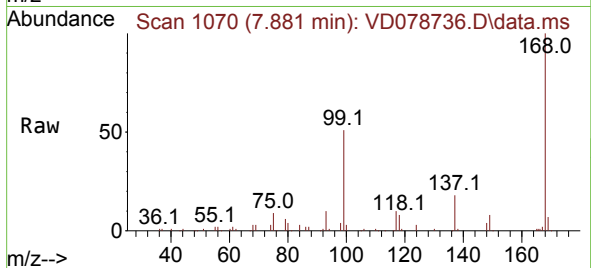
77 0.0 25.4 38.2#



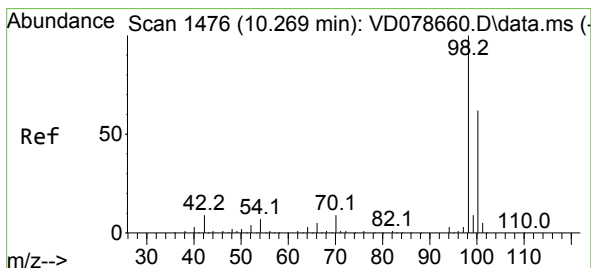
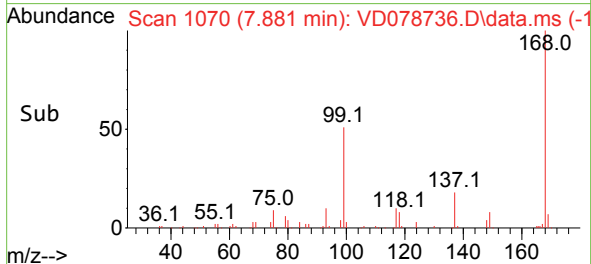
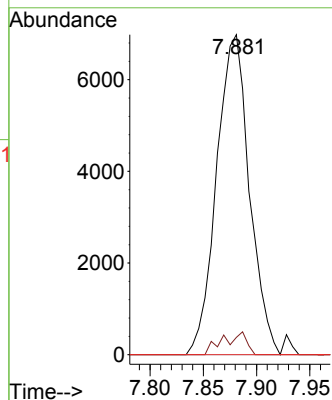


#38
Carbon Tetrachloride
Concen: 4.951 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

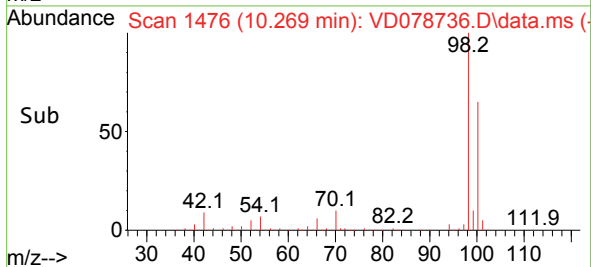
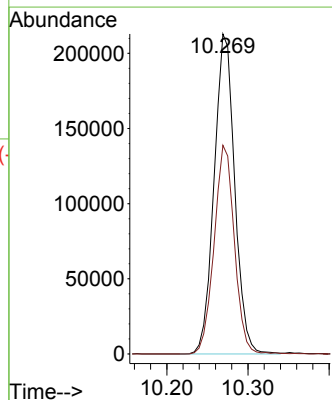
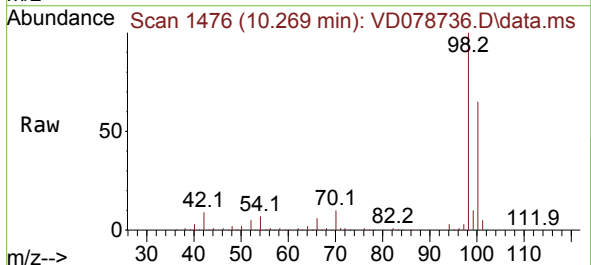


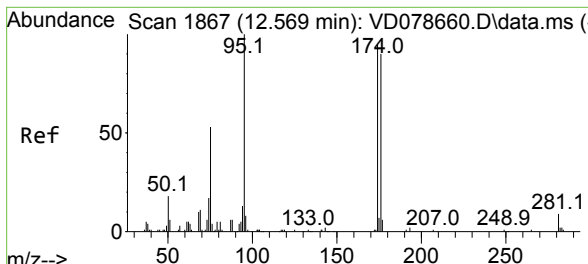
Tgt Ion:117 Resp: 14985
Ion Ratio Lower Upper
117 100
119 5.4 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

Tgt Ion: 98 Resp: 375366
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

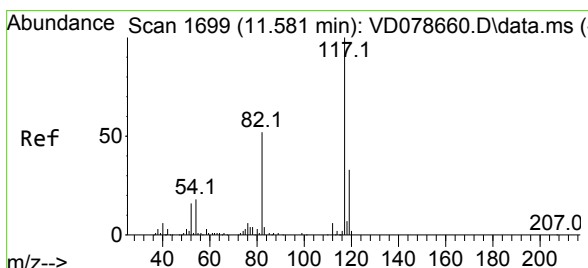
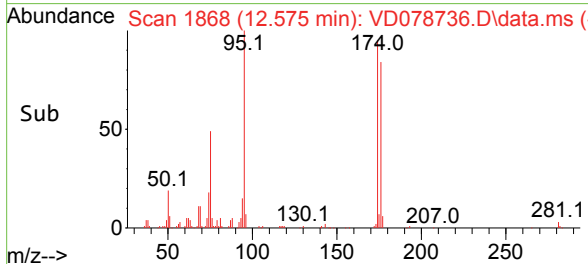
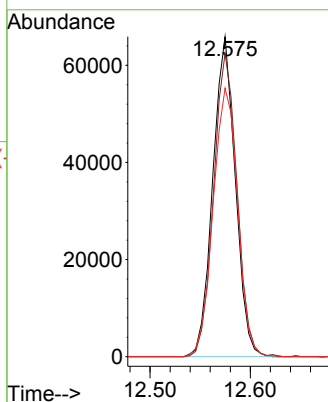
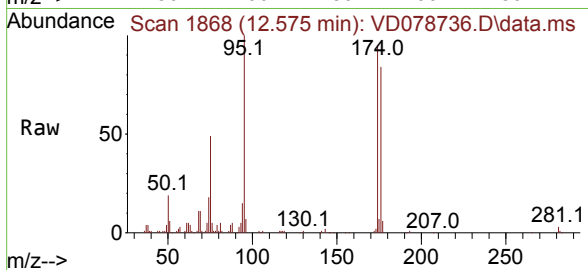




#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

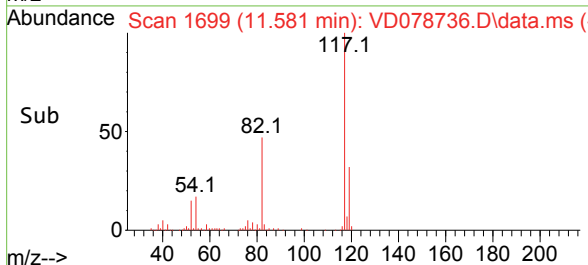
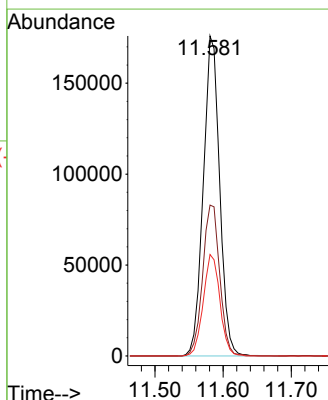
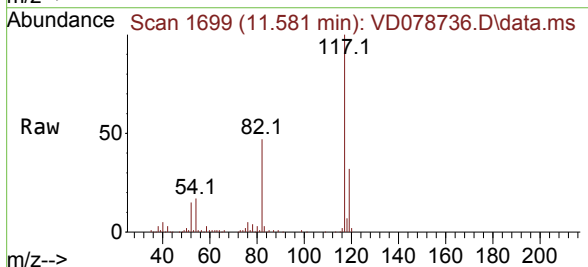
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

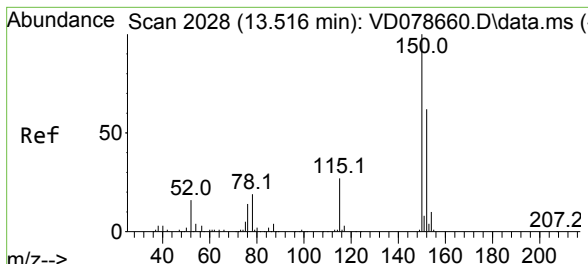
Tgt Ion:	95	Resp:	102731
Ion Ratio	Lower	Upper	
95	100		
174	98.2	0.0	195.2
176	91.4	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078736.D
Acq: 22 Mar 2024 12:10

Tgt Ion:	117	Resp:	293679
Ion Ratio	Lower	Upper	
117	100		
82	47.1	41.4	62.2
119	31.7	26.5	39.7



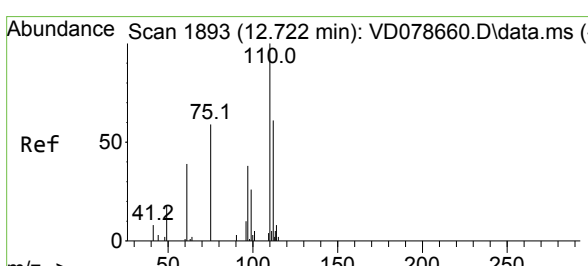
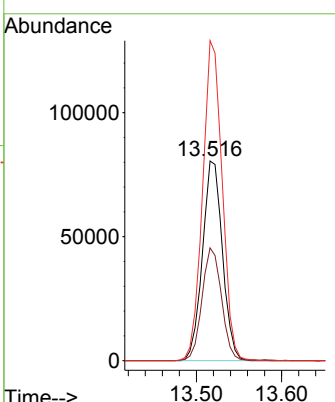
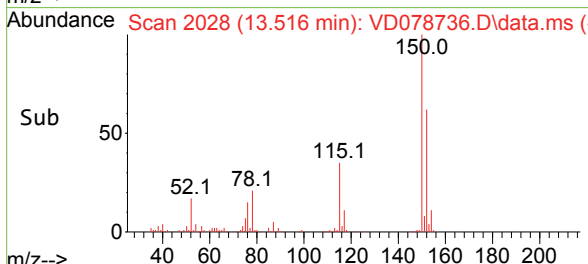
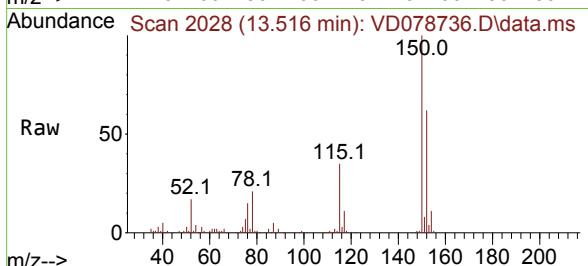


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078736.D
 Acq: 22 Mar 2024 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Tgt Ion:152 Resp: 131336

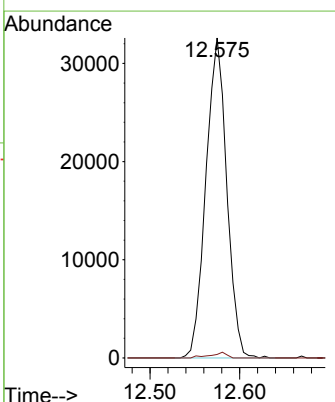
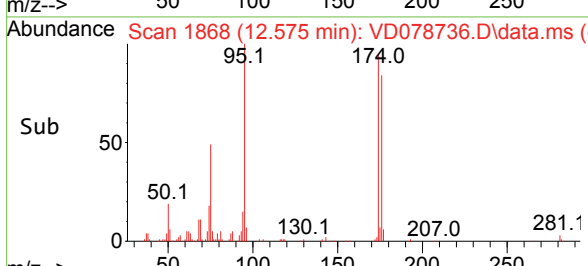
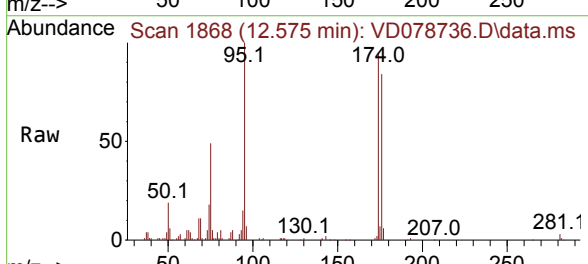
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.1	81.2
150	156.7	0.0	350.2

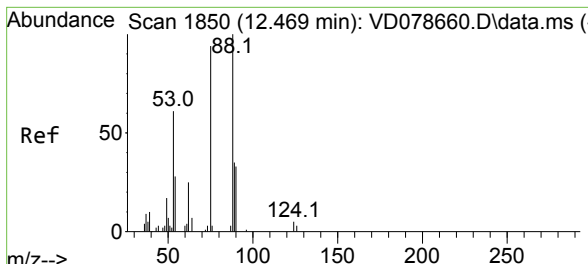


#76
 1,2,3-Trichloropropane
 Concen: 52.003 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078736.D
 Acq: 22 Mar 2024 12:10

Tgt Ion: 75 Resp: 52620

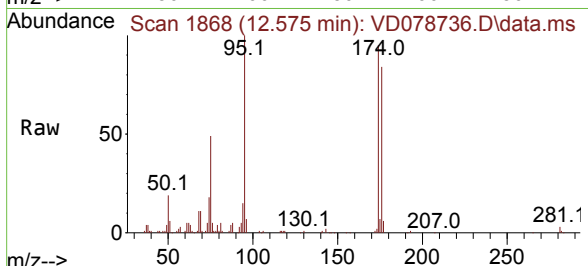
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.007 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078736.D
 Acq: 22 Mar 2024 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01



Tgt Ion:	75	Resp:	52620
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

