

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078136.D
 Acq On : 08 Jan 2024 18:02
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

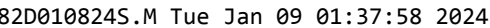
Quant Time: Jan 09 01:37:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

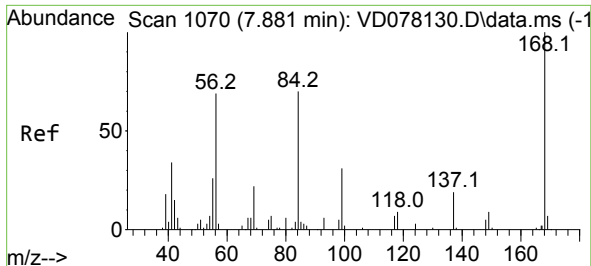
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	155339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	284121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	114519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73887	45.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.360%
35) Dibromofluoromethane	7.804	113	86979	42.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.960%
50) Toluene-d8	10.269	98	346185	50.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	100646	42.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.200%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	72	1.202	ug/l	# 46
16) Acetone	4.028	43	309	Below Cal	#	32
20) Methylene Chloride	4.804	84	3233	Below Cal	#	72
31) Cyclohexane	7.887	56	3400	1.374	ug/l	# 33
36) 1,1-Dichloropropene	7.881	75	13824	5.000	ug/l	# 46
38) Carbon Tetrachloride	7.881	117	16107	5.058	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.269	43	1635	1.504	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	55314	49.060	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	55314	109.332	ug/l	# 17

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

Quant Time: Jan 09 01:37:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

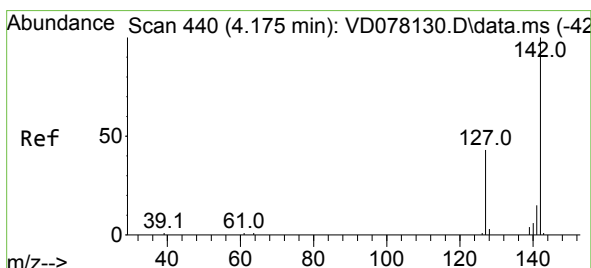
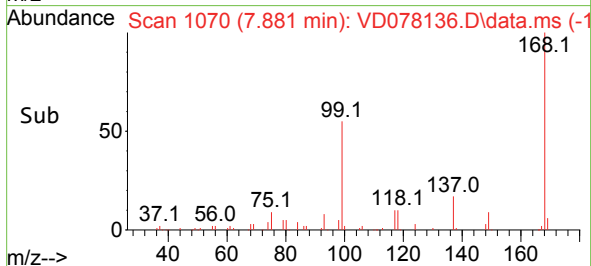
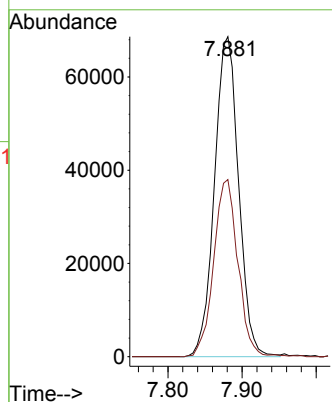
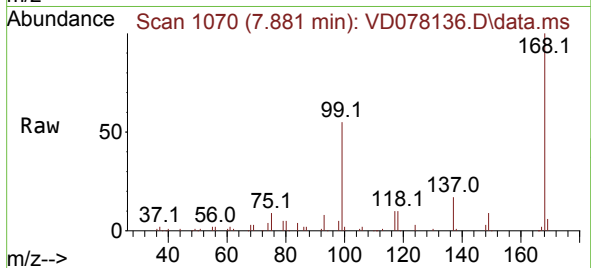




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

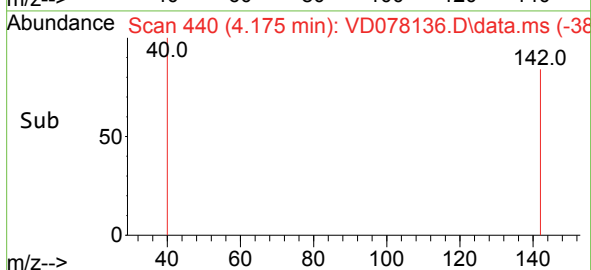
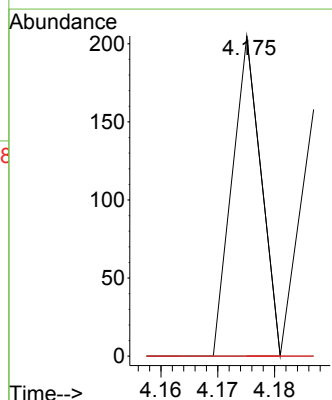
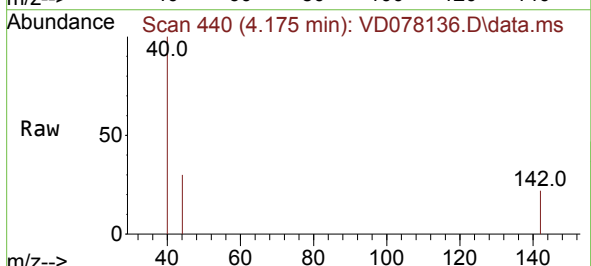
Instrument :
MSVOA_D
ClientSampleId :

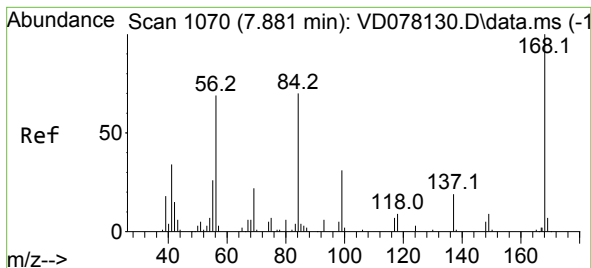
Tgt Ion:168 Resp: 155339
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#10
Methyl Iodide
Concen: 1.202 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#





#31

Cyclohexane

Concen: 1.374 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

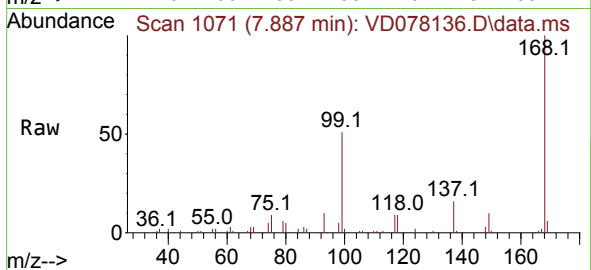
Lab File: VD078136.D

Acq: 08 Jan 2024 18:02

Instrument :

MSVOA_D

ClientSampleId :



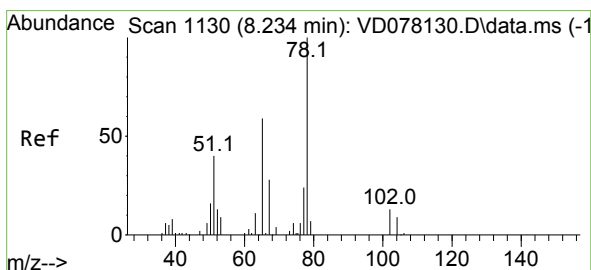
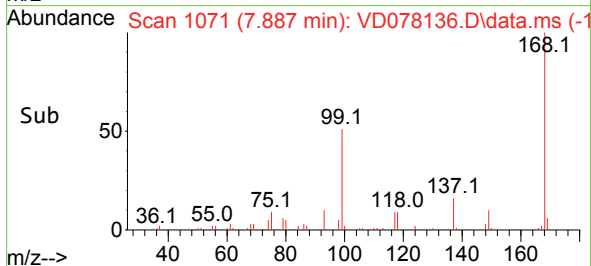
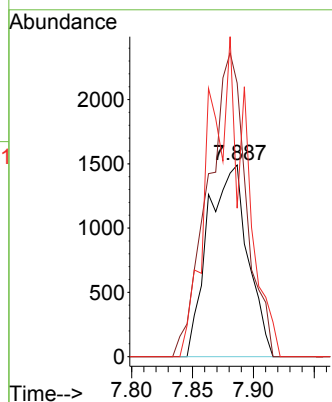
Tgt Ion: 56 Resp: 3400

Ion Ratio Lower Upper

56 100

69 142.7 28.6 43.0#

84 77.5 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 45.180 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078136.D

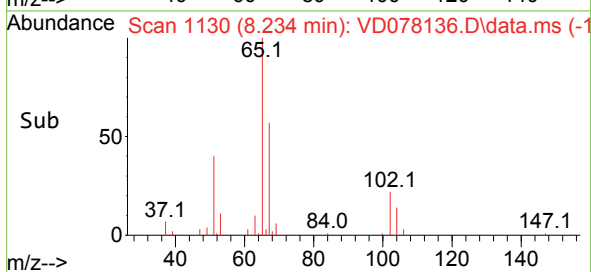
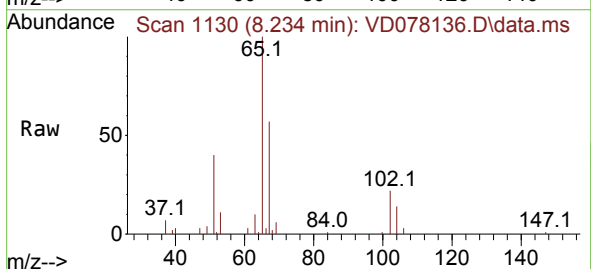
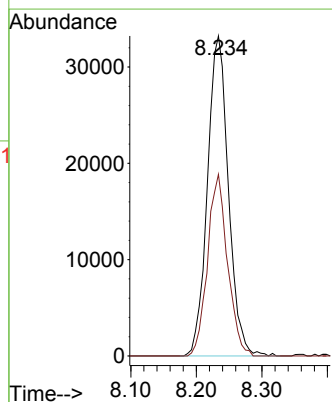
Acq: 08 Jan 2024 18:02

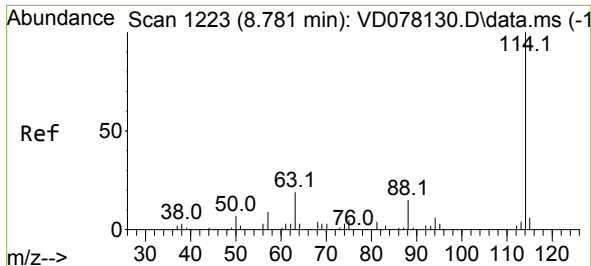
Tgt Ion: 65 Resp: 73887

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078136.D

Acq: 08 Jan 2024 18:02

Instrument :

MSVOA_D

ClientSampleId :

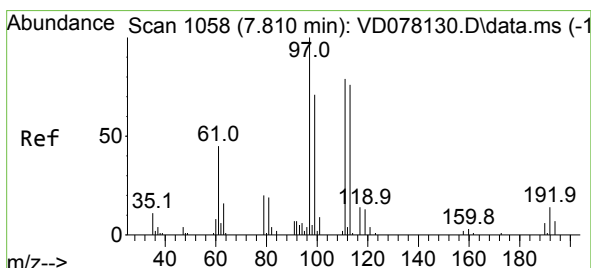
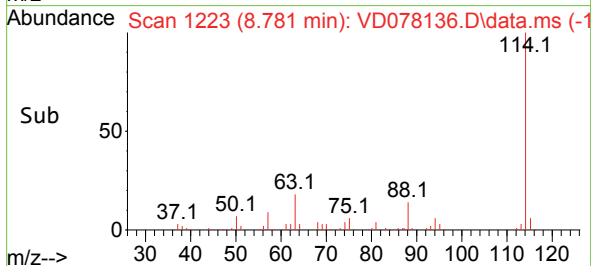
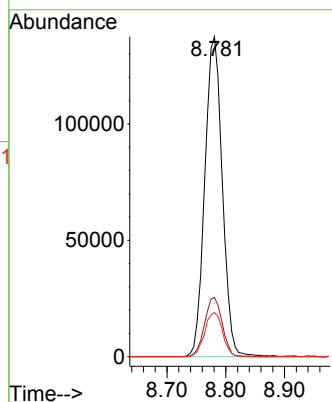
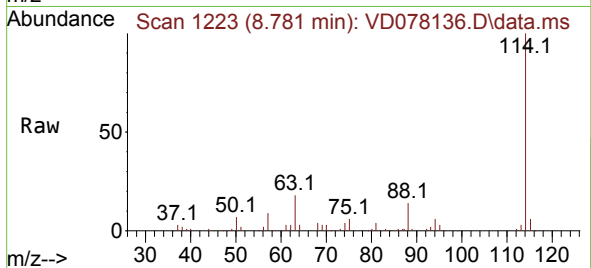
Tgt Ion:114 Resp: 284121

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.477 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078136.D

Acq: 08 Jan 2024 18:02

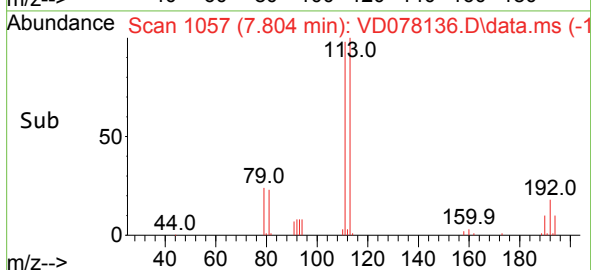
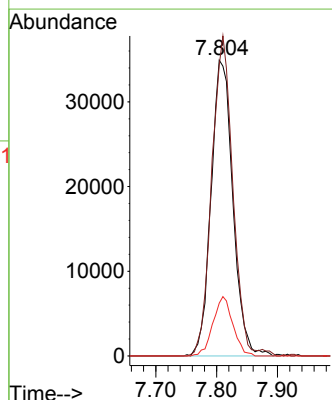
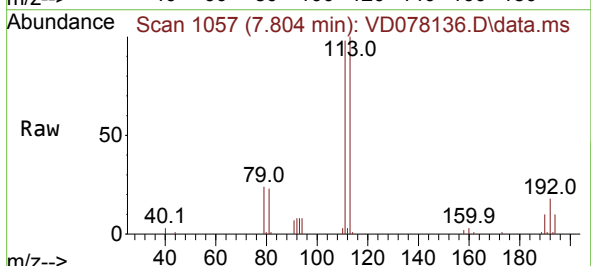
Tgt Ion:113 Resp: 86979

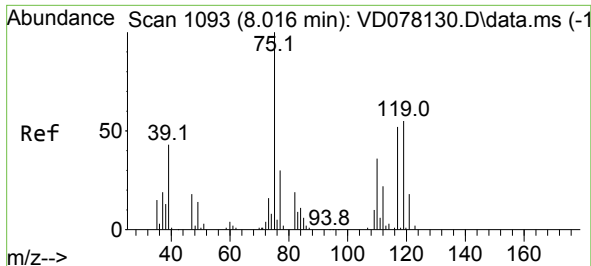
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 18.3 16.8 25.2

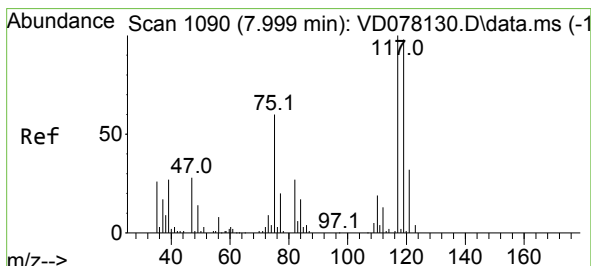
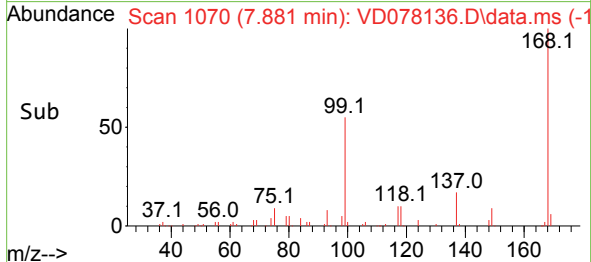
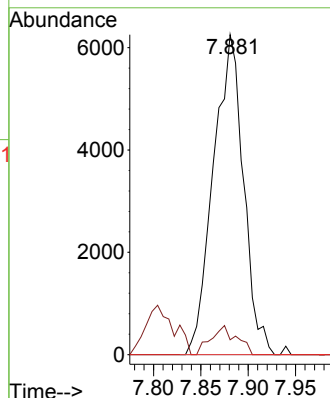
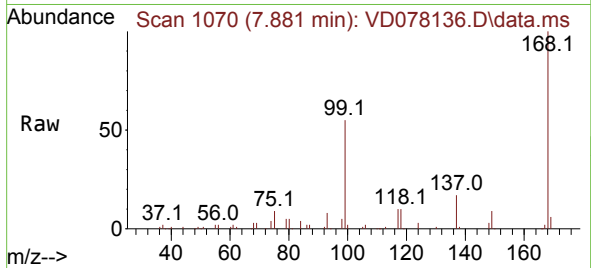




#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.136 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

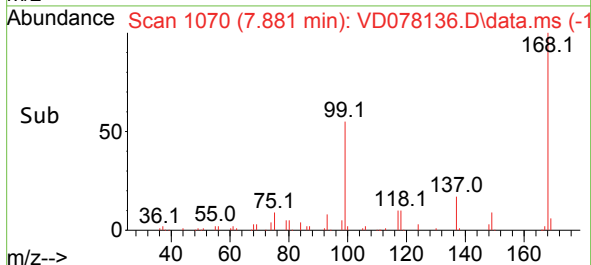
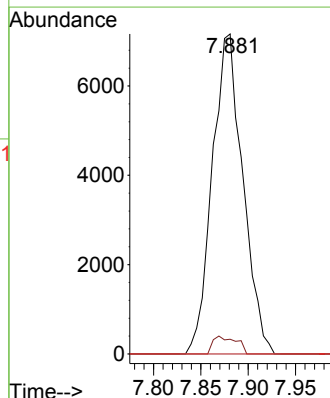
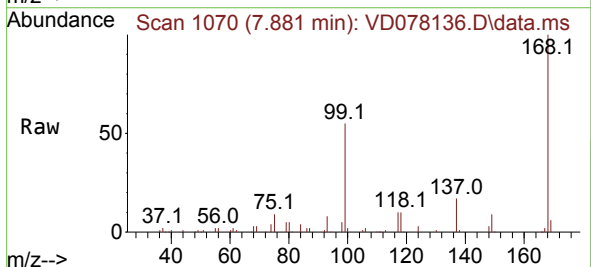
Instrument :
MSVOA_D
ClientSampleId :

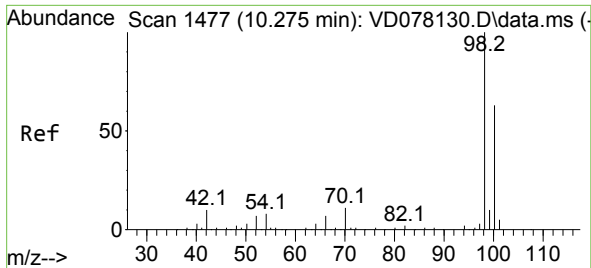
Tgt Ion: 75 Resp: 13824
Ion Ratio Lower Upper
75 100
110 7.7 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion: 117 Resp: 16107
Ion Ratio Lower Upper
117 100
119 4.6 78.0 117.0#
121 0.0 24.2 36.2#

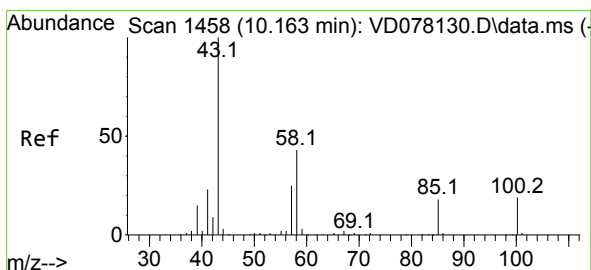
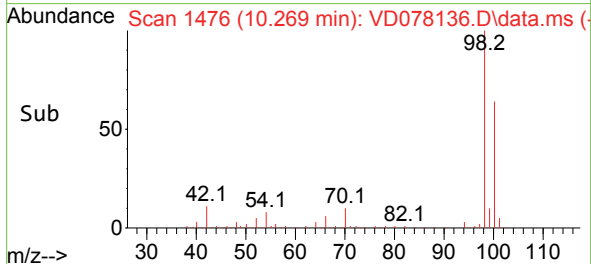
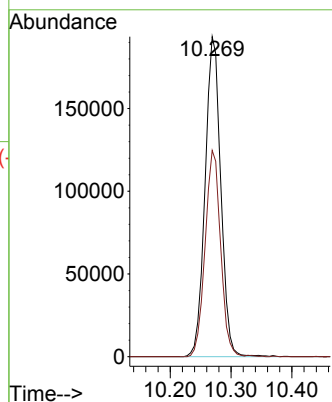
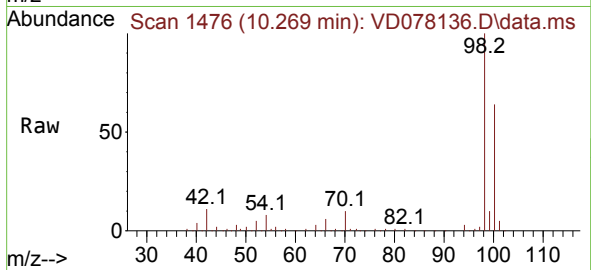




#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

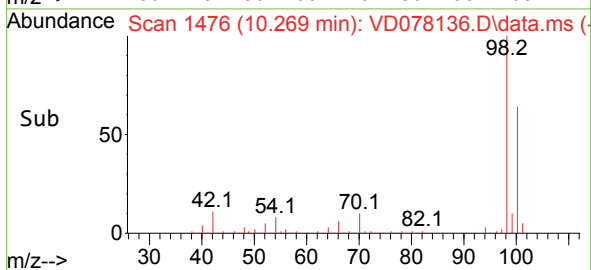
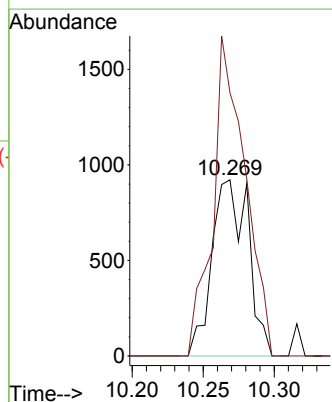
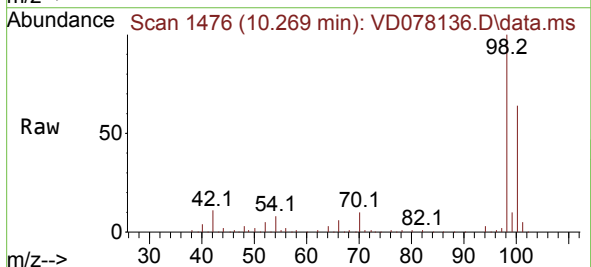
Instrument :
MSVOA_D
ClientSampleId :

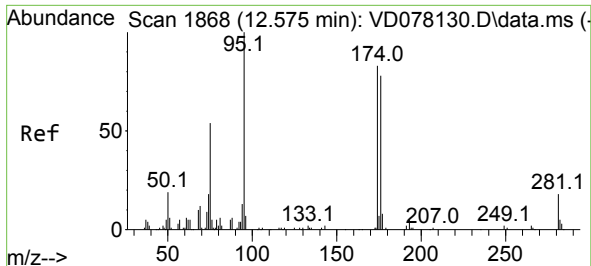
Tgt Ion: 98 Resp: 346185
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.504 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 161.7 38.9 58.3#

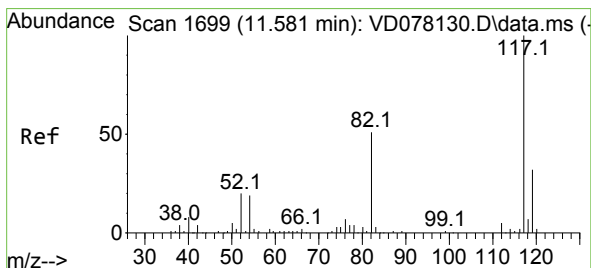
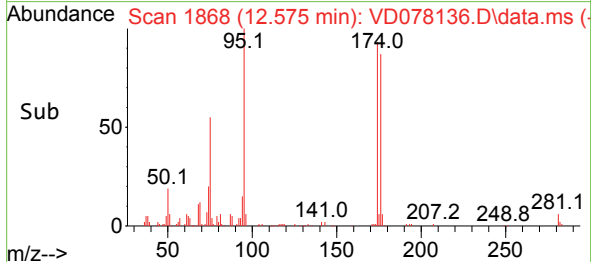
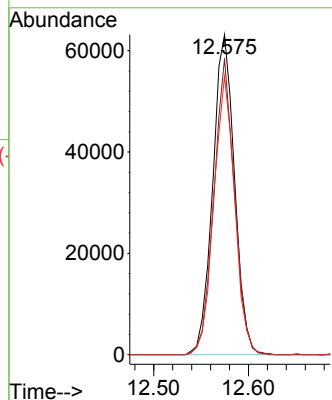
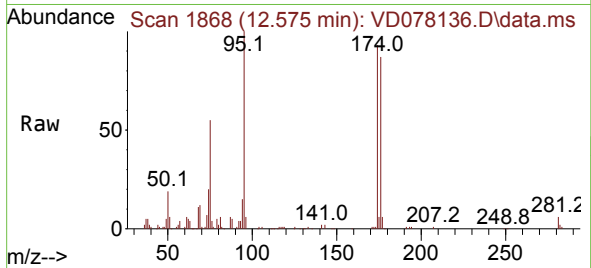




#62
4-Bromofluorobenzene
Concen: 42.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

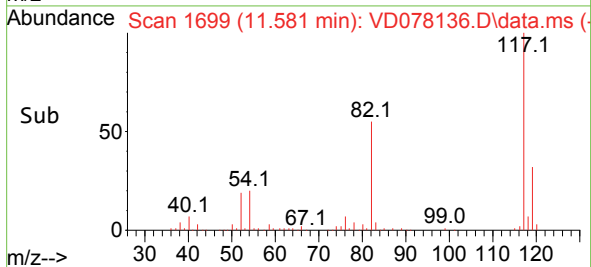
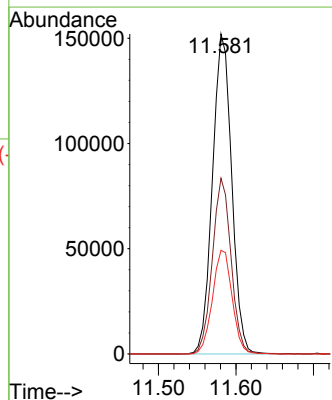
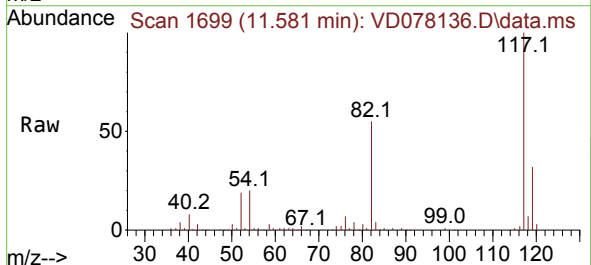
Instrument :
MSVOA_D
ClientSampleId :

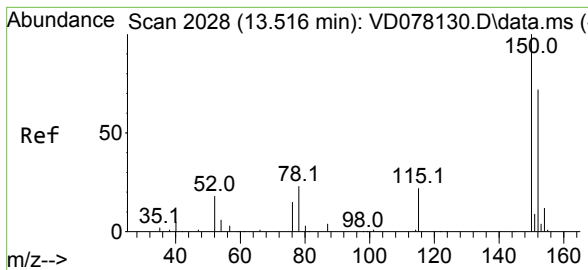
Tgt Ion: 95 Resp: 100646
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion: 117 Resp: 261928
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 32.4 25.0 37.4

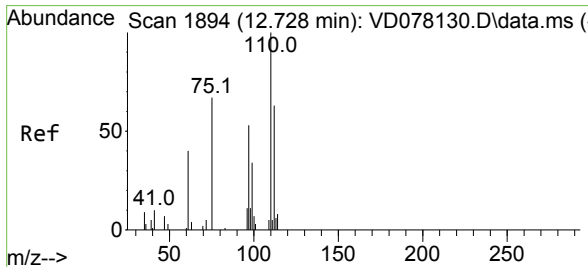
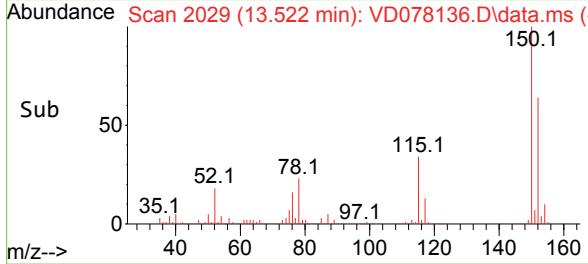
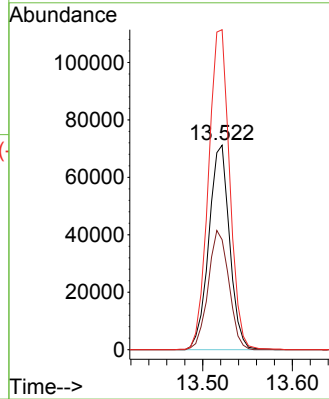
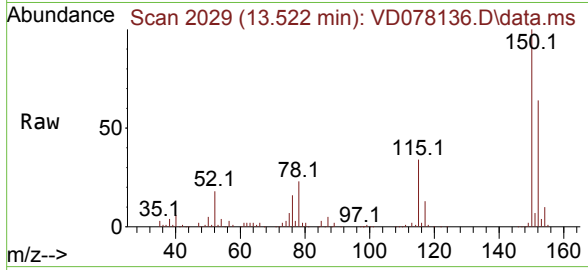




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD078136.D
 Acq: 08 Jan 2024 18:02

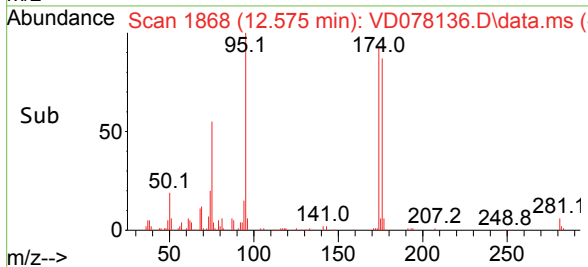
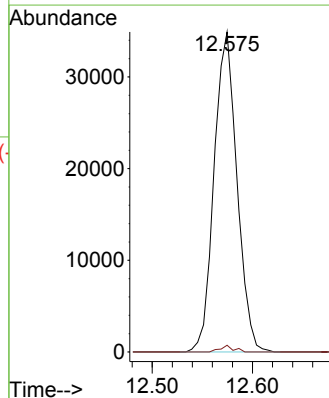
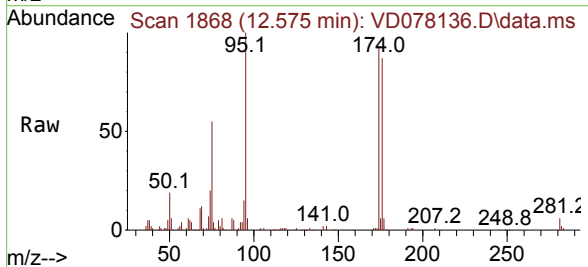
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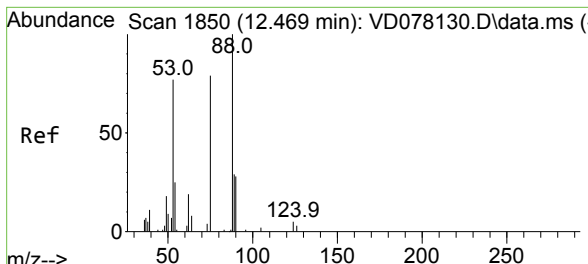
Tgt Ion:152 Resp: 114519
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.1 81.3
 150 159.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 49.060 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078136.D
 Acq: 08 Jan 2024 18:02

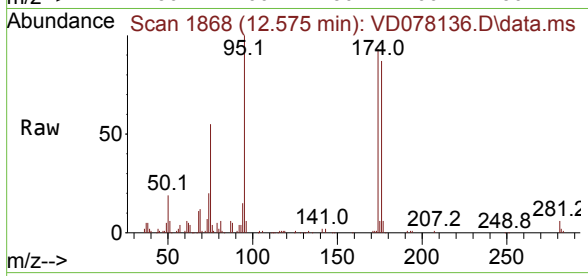
Tgt Ion: 75 Resp: 55314
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.332 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078136.D
 Acq: 08 Jan 2024 18:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	55314
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

