

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078579.D
 Acq On : 01 Mar 2024 15:00
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 02 03:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

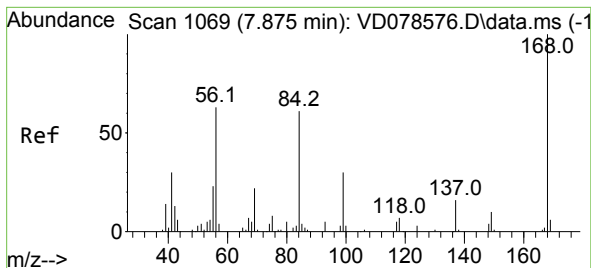
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	146435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	270956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52762	36.348	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.700%		
35) Dibromofluoromethane	7.804	113	78975	44.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.620%		
50) Toluene-d8	10.269	98	339134	49.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.040%		
62) 4-Bromofluorobenzene	12.575	95	132047	67.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	135.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	861	Below Cal	#	69
13) Acrolein	3.805	56	202	1.403	ug/l #	53
16) Acetone	4.034	43	318	1.143	ug/l #	32
20) Methylene Chloride	4.805	84	12234	Below Cal	#	91
31) Cyclohexane	7.875	56	3175	1.397	ug/l #	28
36) 1,1-Dichloropropene	7.869	75	10941	4.486	ug/l #	44
38) Carbon Tetrachloride	7.875	117	14592	5.720	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	67689	51.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	67689	111.266	ug/l #	17

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

Quant Time: Mar 02 03:58:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 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: VD078579.D

Acq: 01 Mar 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

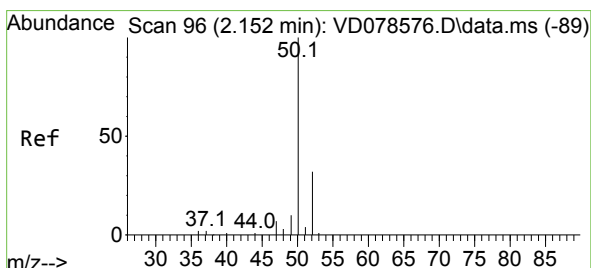
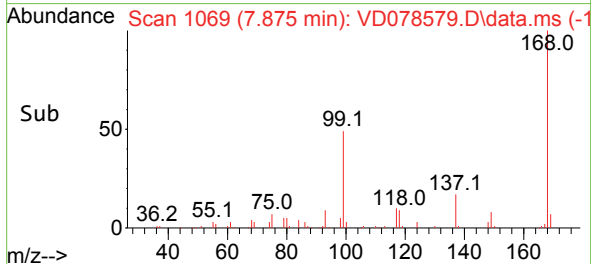
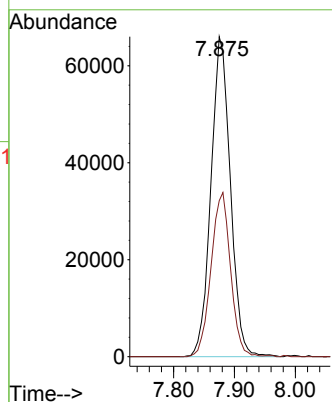
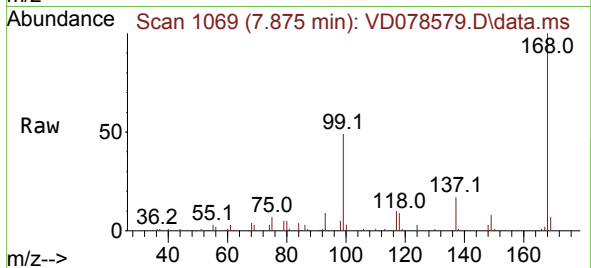
VIBLK

Tgt Ion:168 Resp: 146435

Ion Ratio Lower Upper

168 100

99 48.8 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078579.D

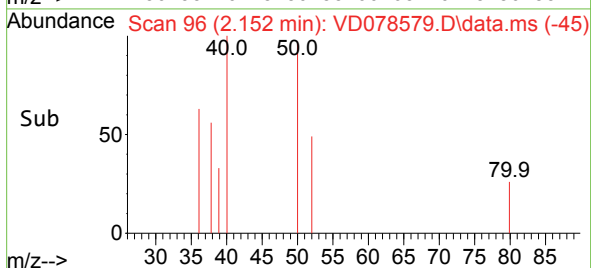
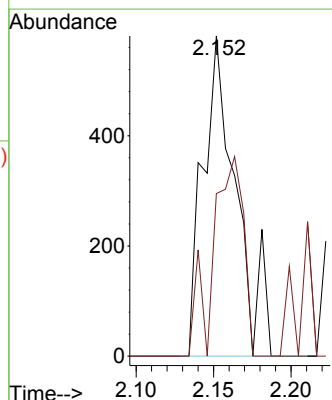
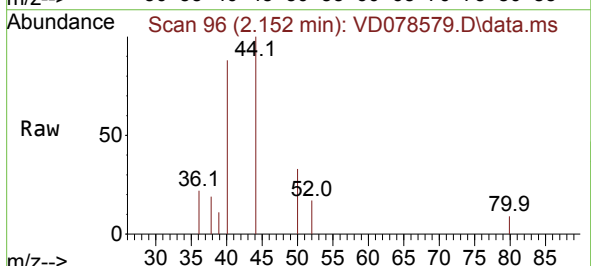
Acq: 01 Mar 2024 15:00

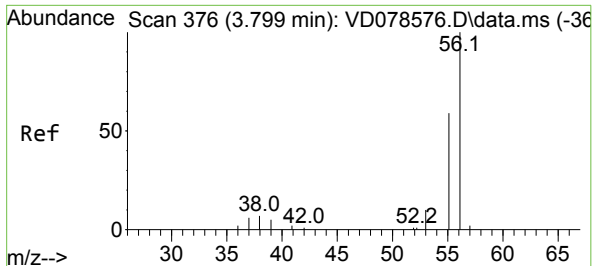
Tgt Ion: 50 Resp: 861

Ion Ratio Lower Upper

50 100

52 50.8 26.6 40.0#





#13

Acrolein

Concen: 1.403 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078579.D

Acq: 01 Mar 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

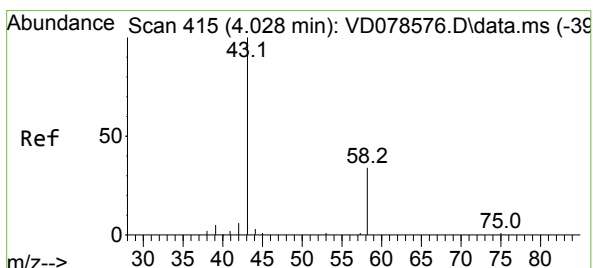
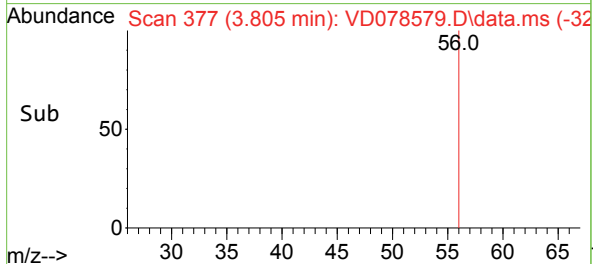
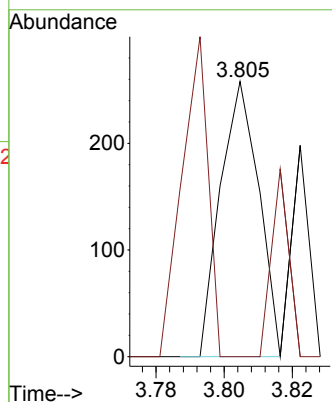
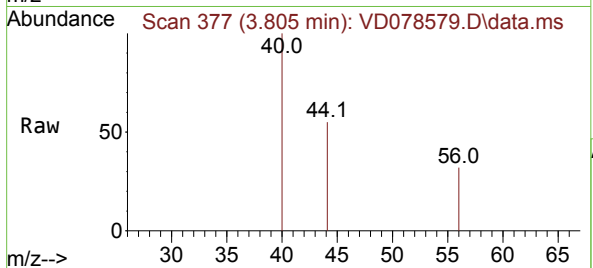
VIBLK

Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

55 30.7 55.1 82.7#



#16

Acetone

Concen: 1.143 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.006 min

Lab File: VD078579.D

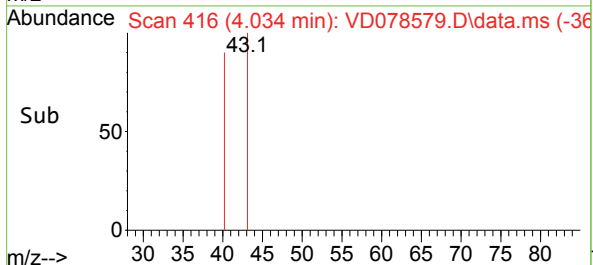
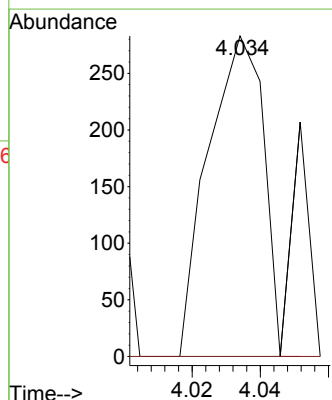
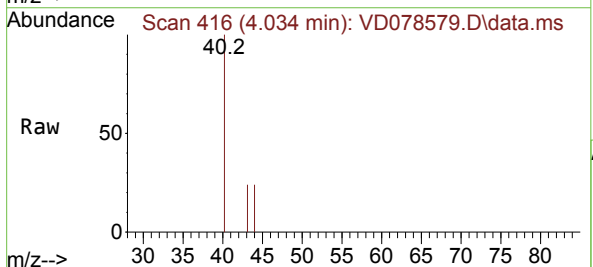
Acq: 01 Mar 2024 15:00

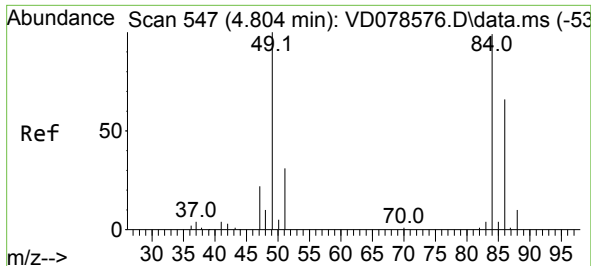
Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

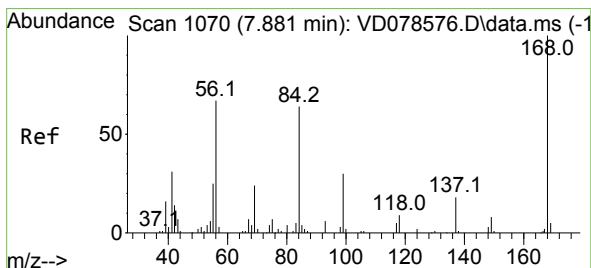
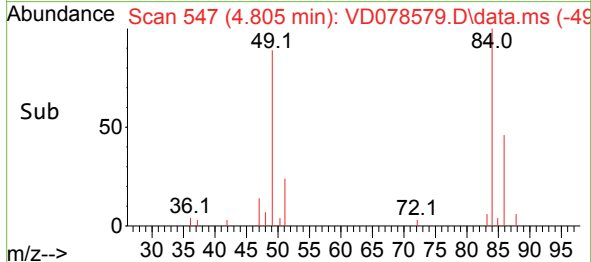
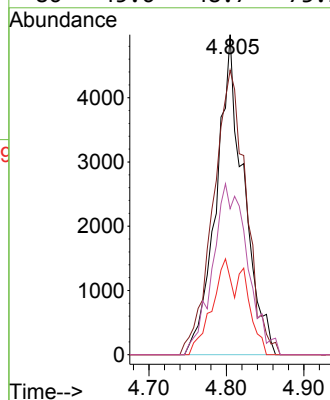
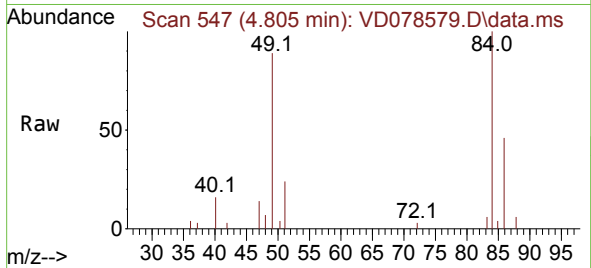




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

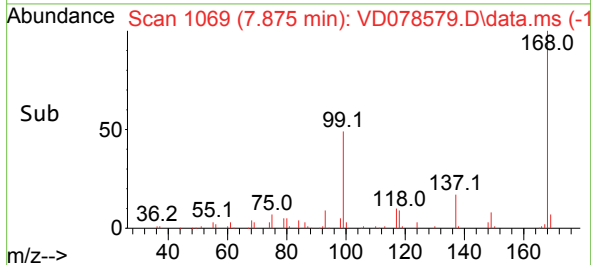
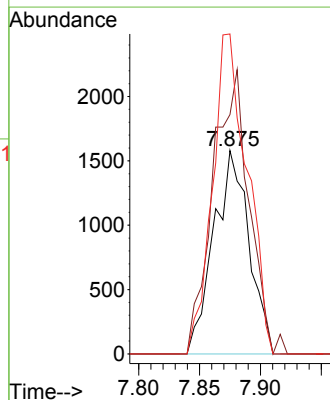
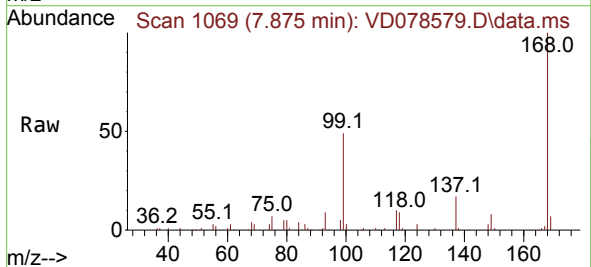
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

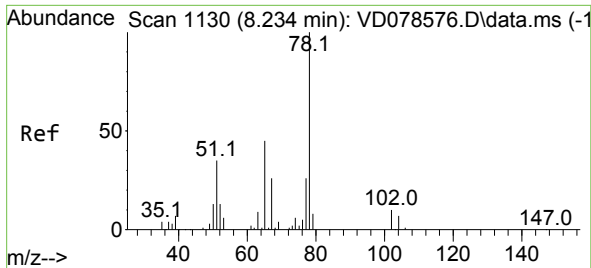
Tgt Ion:	84	Resp:	12234
Ion	Ratio	Lower	Upper
84	100		
49	88.9	71.4	107.2
51	23.9	24.5	36.7#
86	45.6	48.7	73.1#



#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

Tgt Ion:	56	Resp:	3175
Ion	Ratio	Lower	Upper
56	100		
69	117.7	28.6	43.0#
84	157.3	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 36.348 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078579.D

Acq: 01 Mar 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

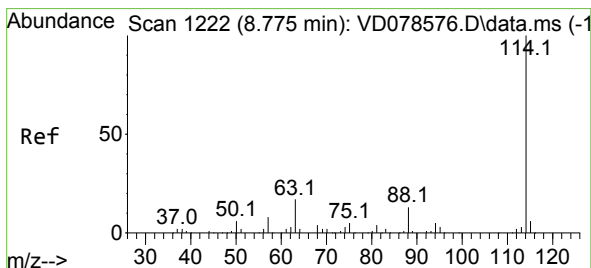
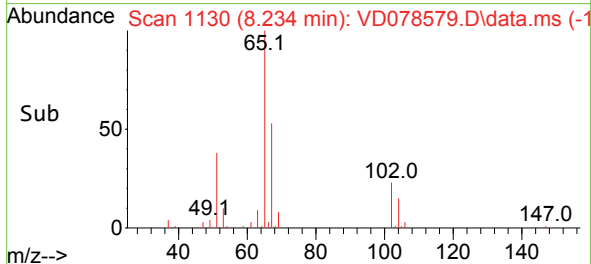
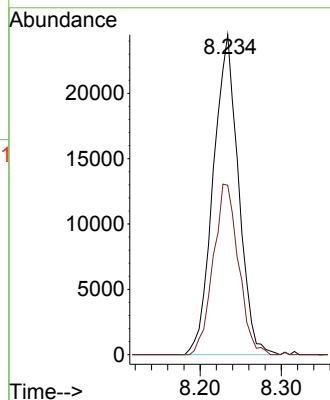
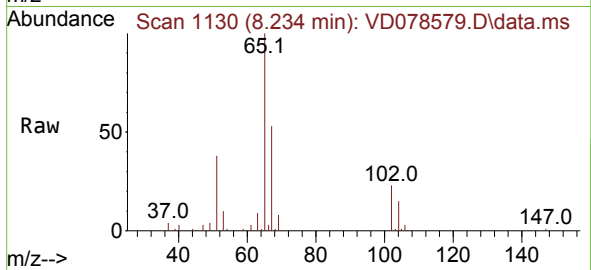
VIBLK

Tgt Ion: 65 Resp: 52762

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078579.D

Acq: 01 Mar 2024 15:00

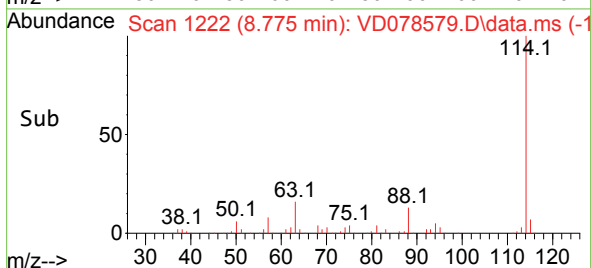
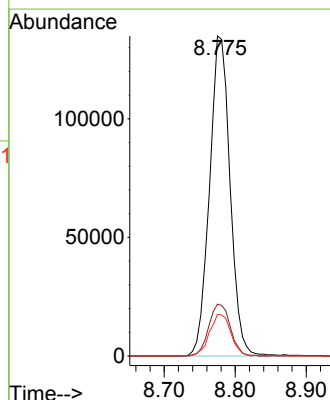
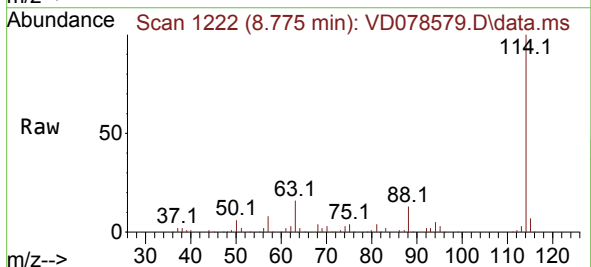
Tgt Ion: 114 Resp: 270956

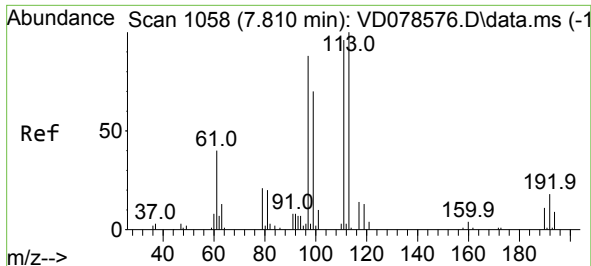
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.807 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078579.D

Acq: 01 Mar 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

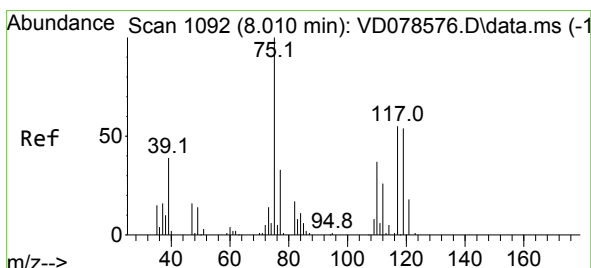
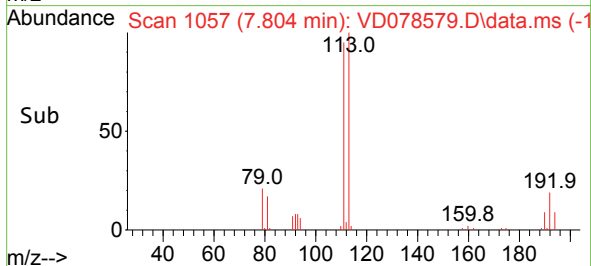
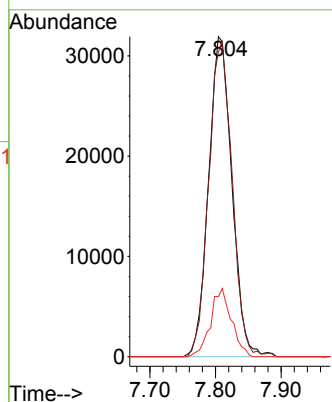
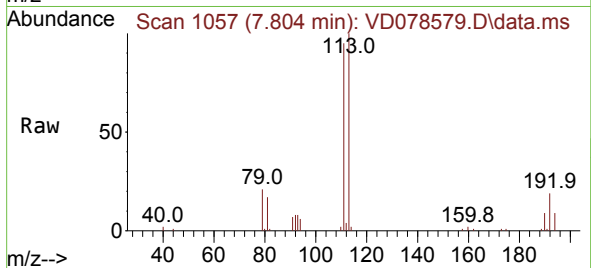
Tgt Ion:113 Resp: 78975

Ion Ratio Lower Upper

113 100

111 98.8 84.7 127.1

192 19.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.486 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078579.D

Acq: 01 Mar 2024 15:00

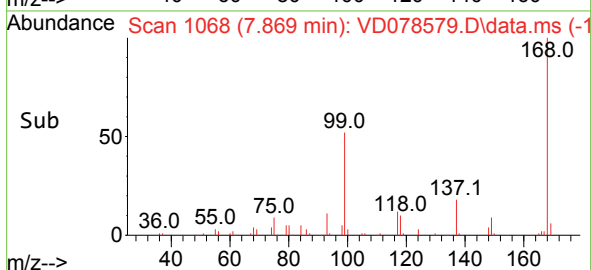
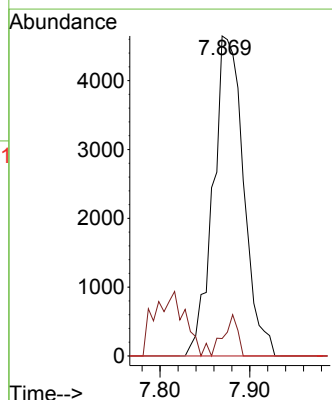
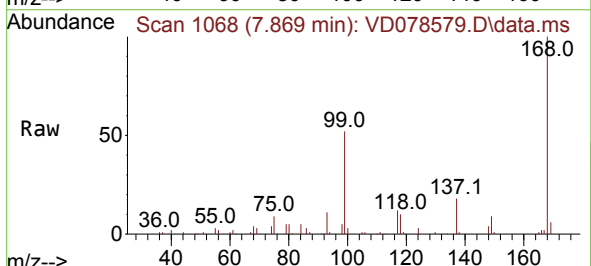
Tgt Ion: 75 Resp: 10941

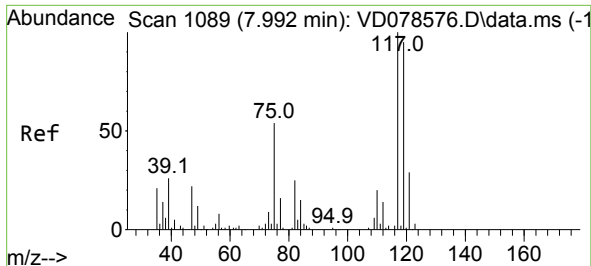
Ion Ratio Lower Upper

75 100

110 5.9 19.9 59.6#

77 0.0 24.7 37.1#

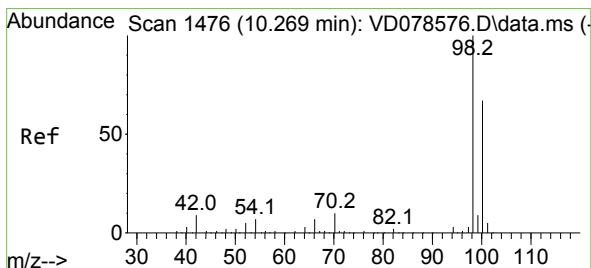
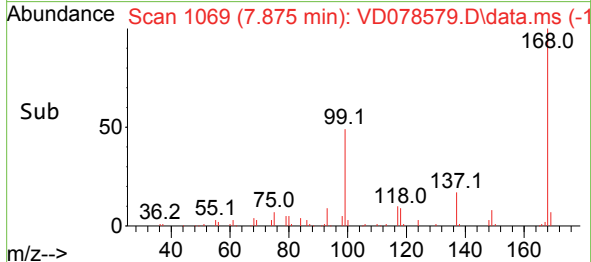
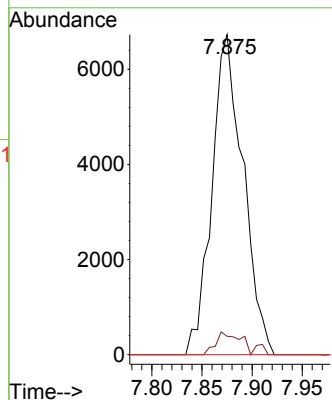
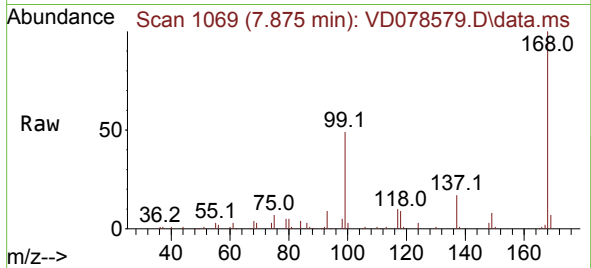




#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

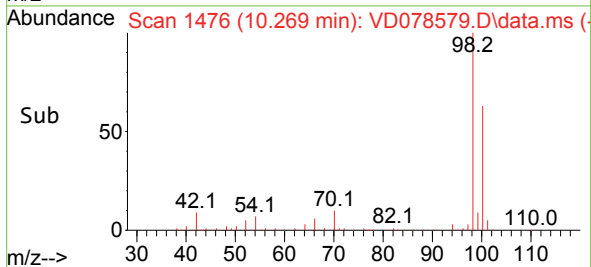
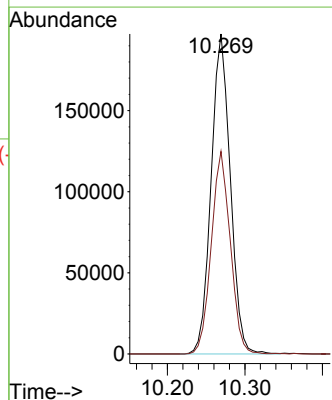
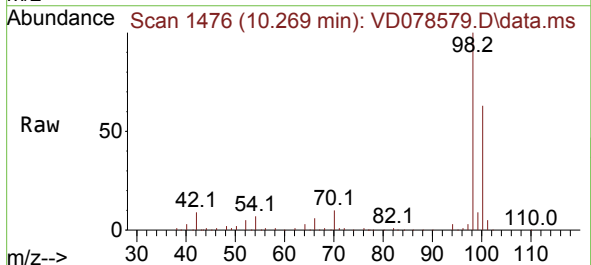
Instrument :
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VIBLK

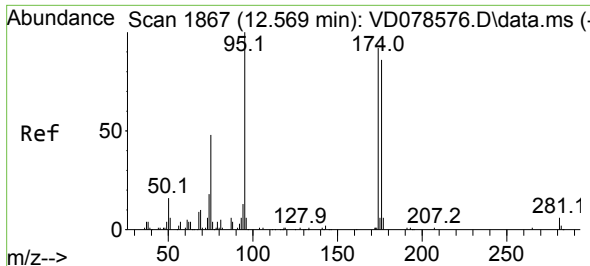
Tgt Ion:117 Resp: 14592
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.516 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

Tgt Ion: 98 Resp: 339134
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5

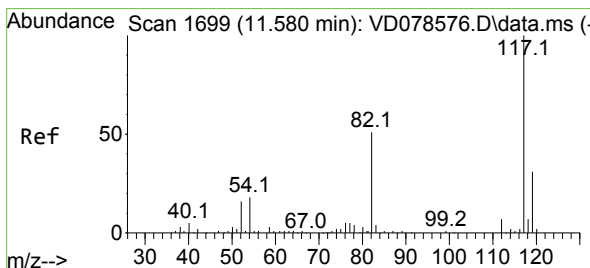
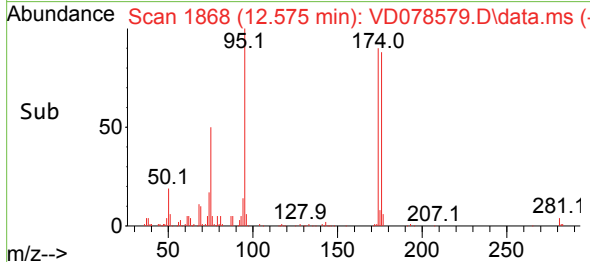
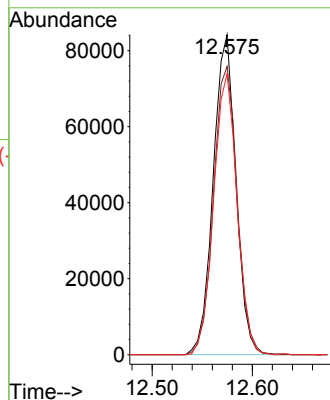
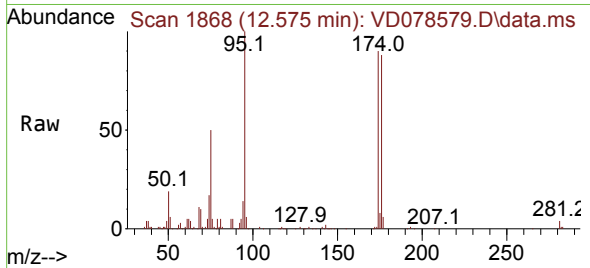




#62
4-Bromofluorobenzene
Concen: 67.503 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

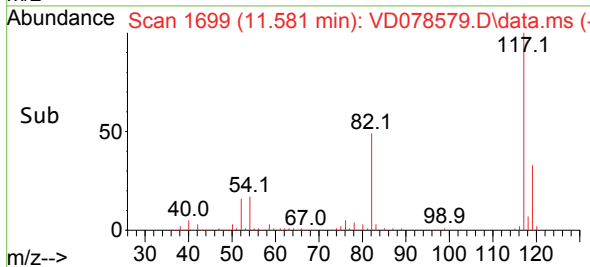
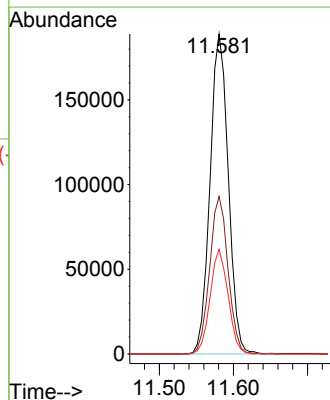
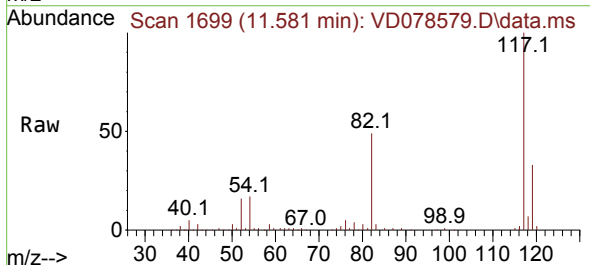
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

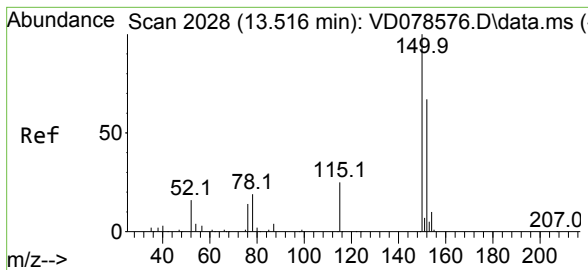
Tgt Ion: 95 Resp: 132047
Ion Ratio Lower Upper
95 100
174 94.3 0.0 201.8
176 90.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078579.D
Acq: 01 Mar 2024 15:00

Tgt Ion: 117 Resp: 323537
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 32.7 25.0 37.4

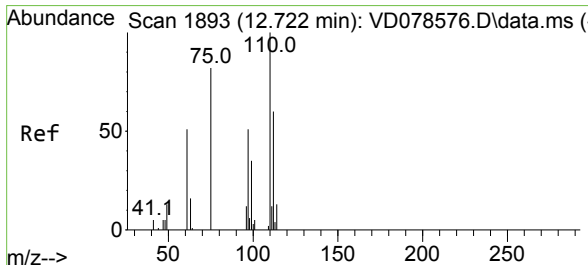
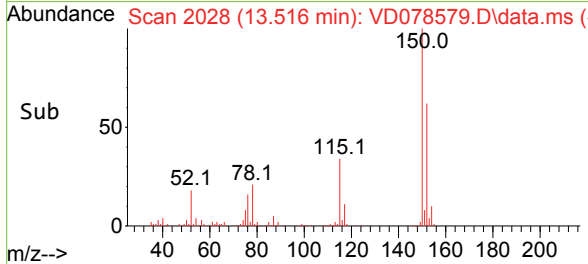
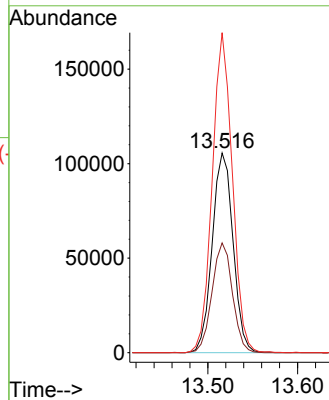
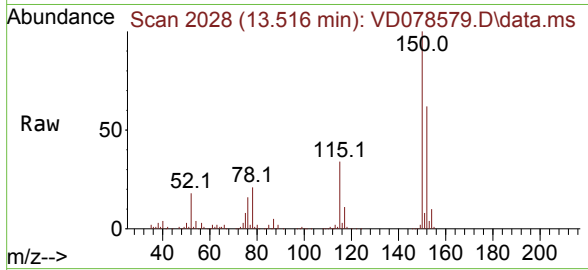




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078579.D
 Acq: 01 Mar 2024 15:00

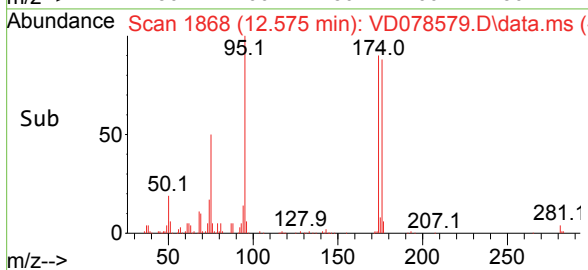
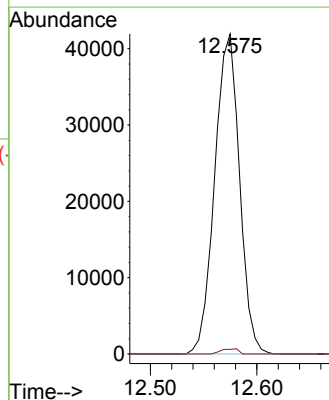
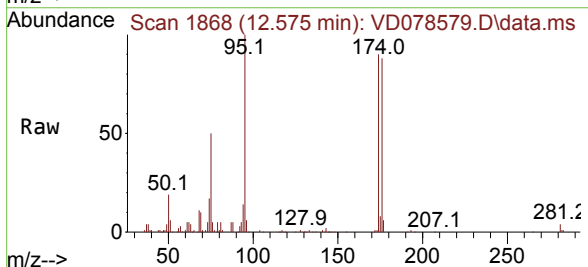
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

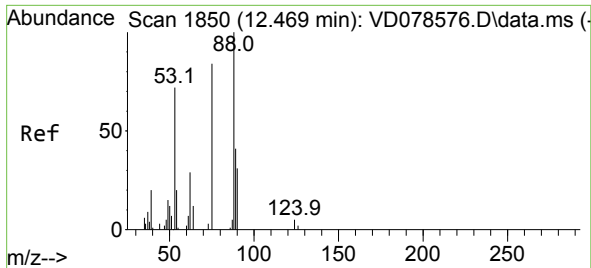
Tgt Ion:152 Resp: 170495
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.1 81.3
 150 154.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.983 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078579.D
 Acq: 01 Mar 2024 15:00

Tgt Ion: 75 Resp: 67689
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.266 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078579.D
 Acq: 01 Mar 2024 15:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 67689
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

