

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078493.D
 Acq On : 21 Feb 2024 11:27
 Operator : RP/MD
 Sample : VD0221SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 22 00:01:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

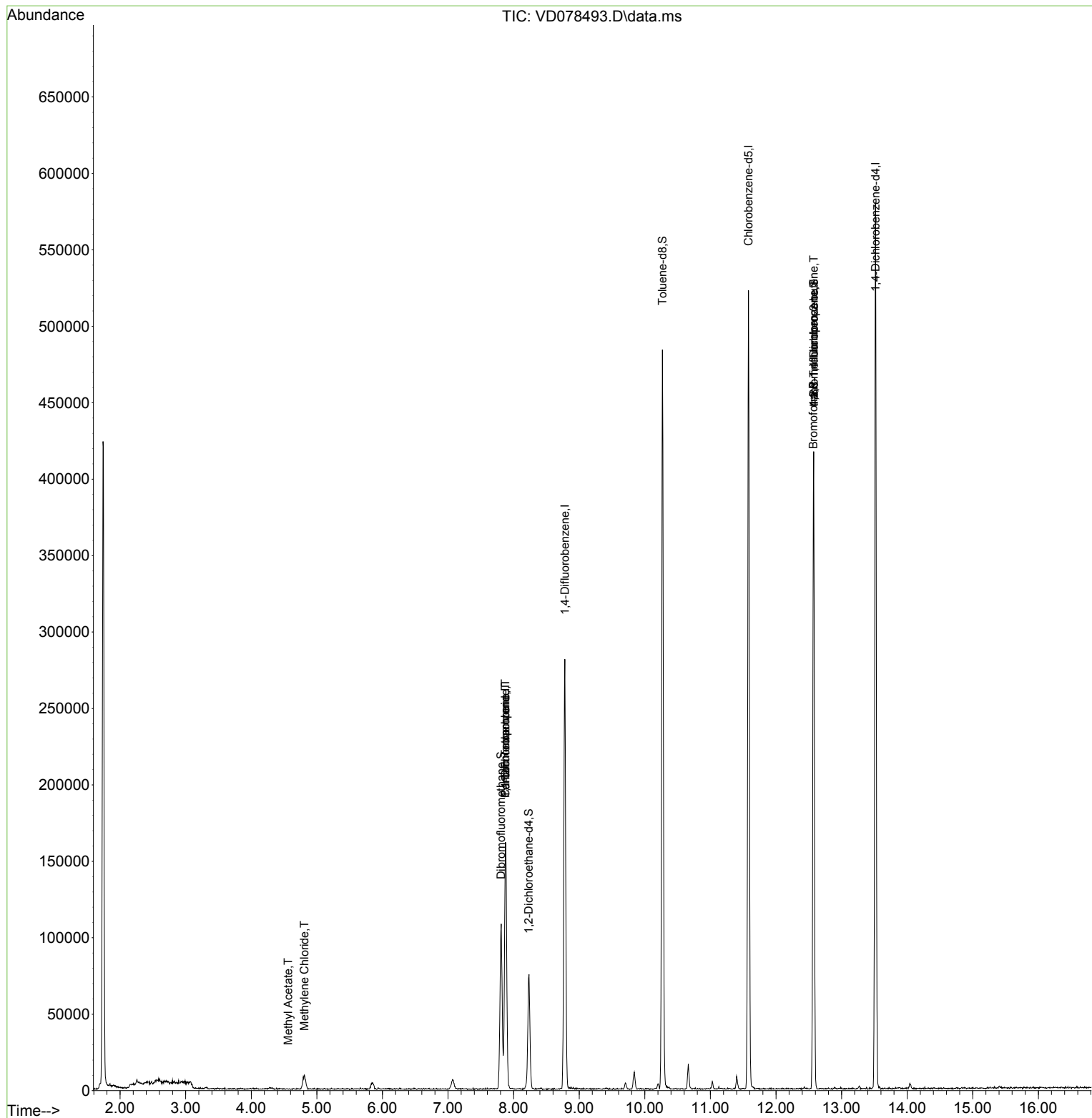
Internal Standards						
1) Pentafluorobenzene	7.875	168	128898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	254347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56408	40.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.940%		
35) Dibromofluoromethane	7.810	113	77561	48.006	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.020%		
50) Toluene-d8	10.269	98	334116	51.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.400%		
62) 4-Bromofluorobenzene	12.575	95	123936	65.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	131.800%		
Target Compounds						
16) Acetone	4.040	43	417	Below Cal	#	73
18) Methyl Acetate	4.564	43	65	4.000	ug/l #	42
20) Methylene Chloride	4.811	84	7653	1.873	ug/l #	80
25) 2-Butanone	7.087	43	69	Below Cal	#	37
36) 1,1-Dichloropropene	7.875	75	10210	4.068	ug/l #	49
38) Carbon Tetrachloride	7.875	117	13301	5.351	ug/l #	13
71) Bromoform	12.569	173	1280	1.090	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	63810	49.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63810	103.334	ug/l #	17

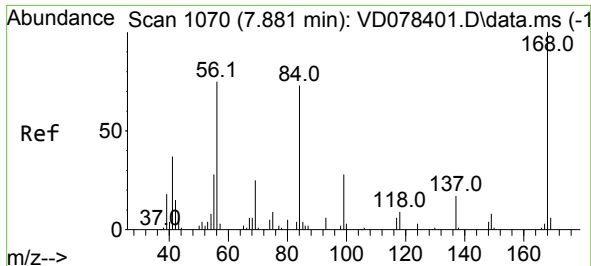
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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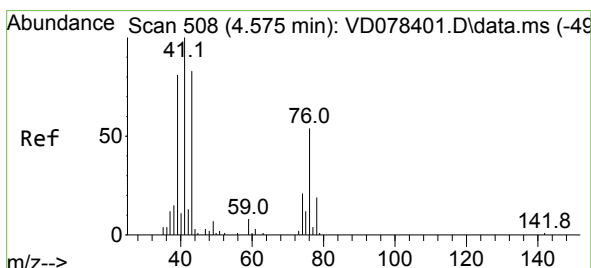
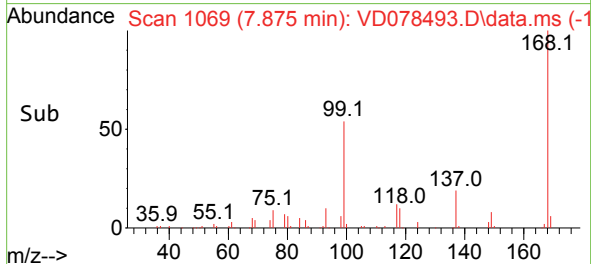
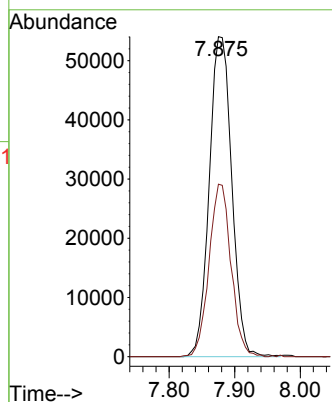
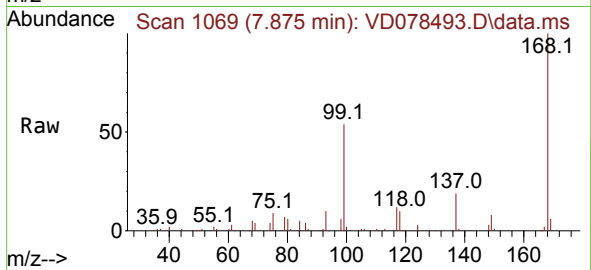




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

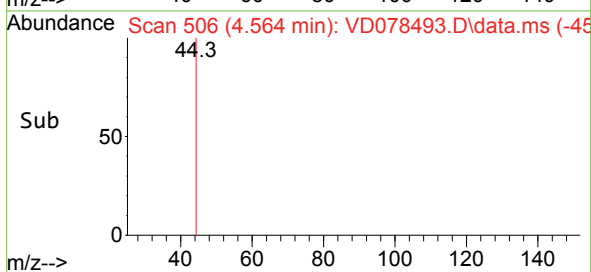
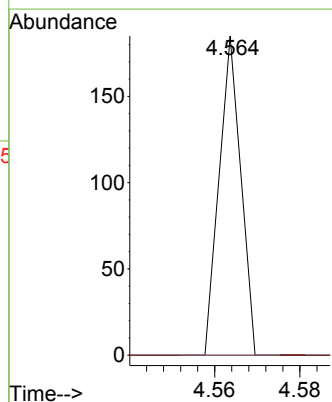
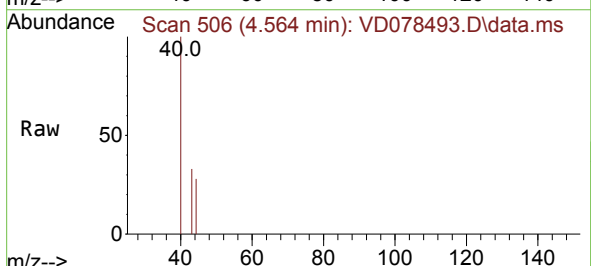
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

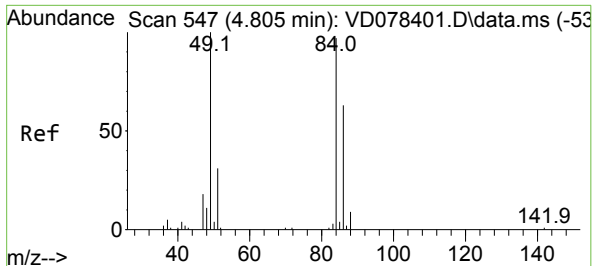
Tgt Ion:168 Resp: 128898
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#18
Methyl Acetate
Concen: 4.000 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

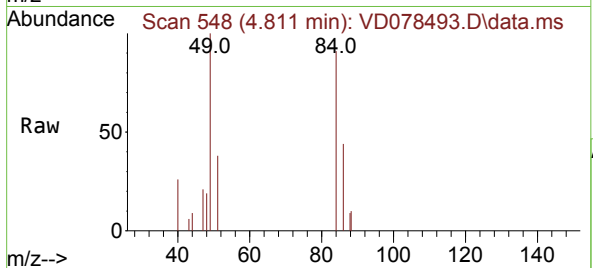
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





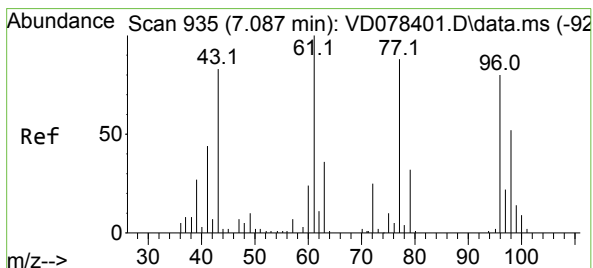
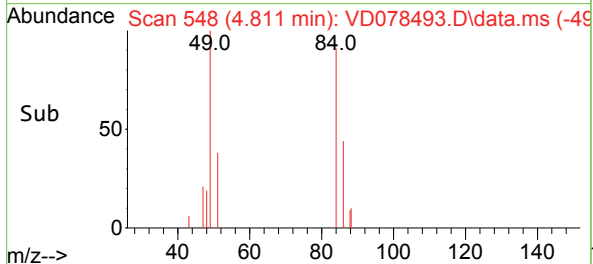
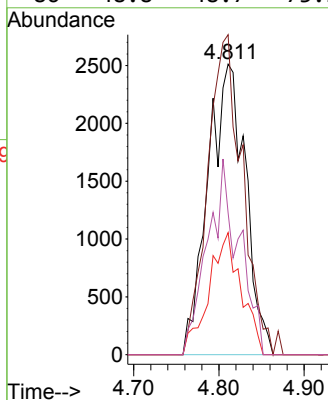
#20
Methylene Chloride
Concen: 1.873 ug/l
RT: 4.811 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01



Tgt Ion: 84 Resp: 7653

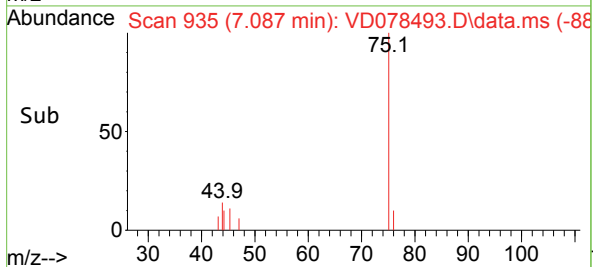
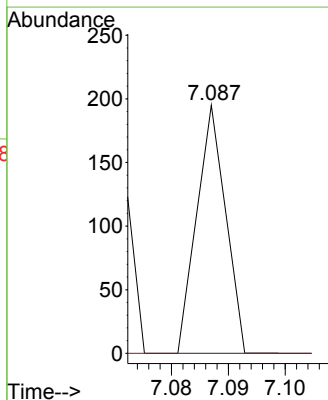
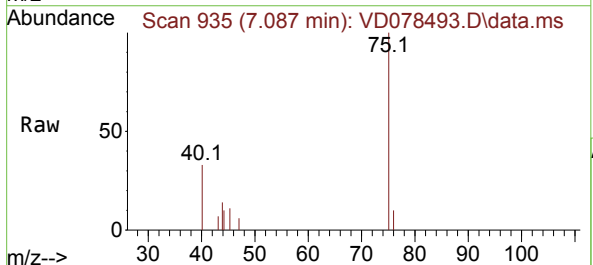
Ion	Ratio	Lower	Upper
84	100		
49	110.1	71.4	107.2#
51	42.0	24.5	36.7#
86	48.8	48.7	73.1

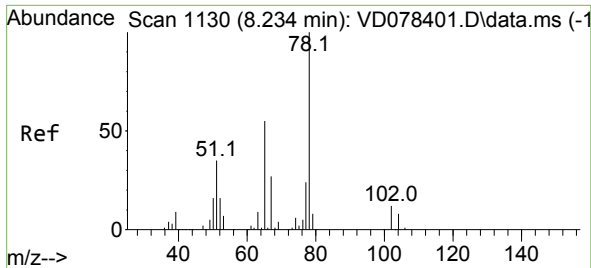


#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 43 Resp: 69

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#





#33

1,2-Dichloroethane-d4

Concen: 40.473 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

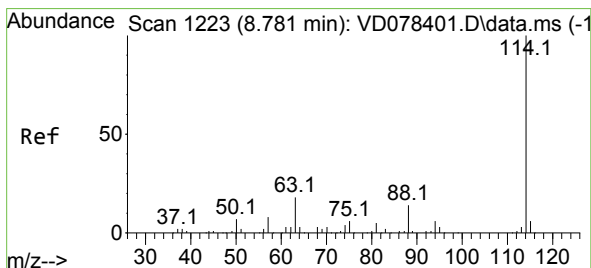
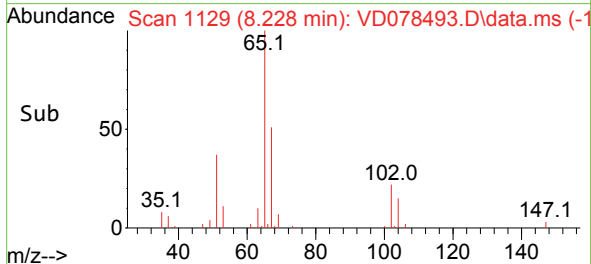
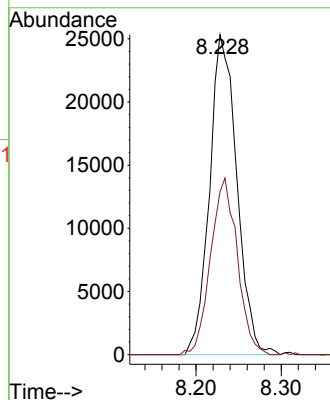
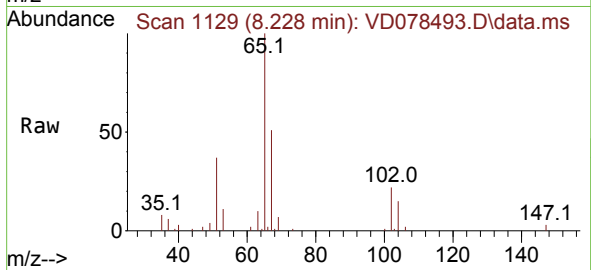
VD0221SBL01

Tgt Ion: 65 Resp: 56408

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# 1223

Delta R.T. 0.000 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

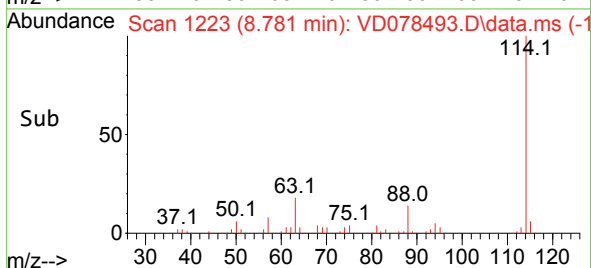
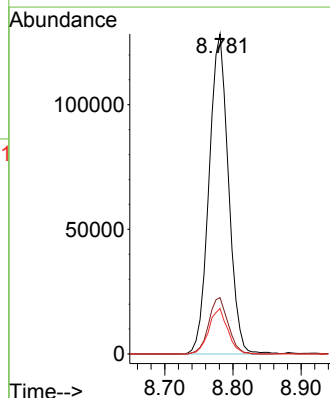
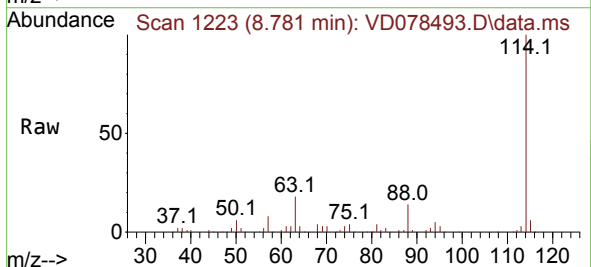
Tgt Ion: 114 Resp: 254347

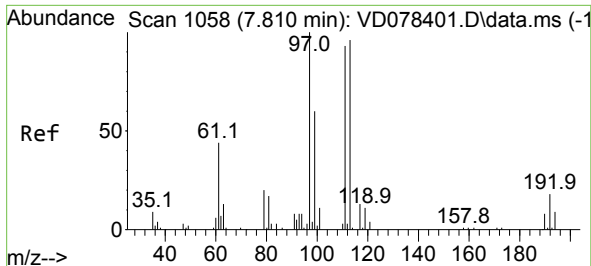
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.006 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

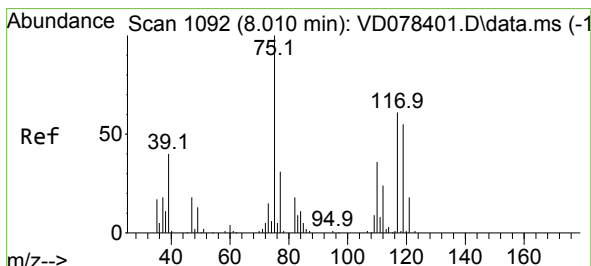
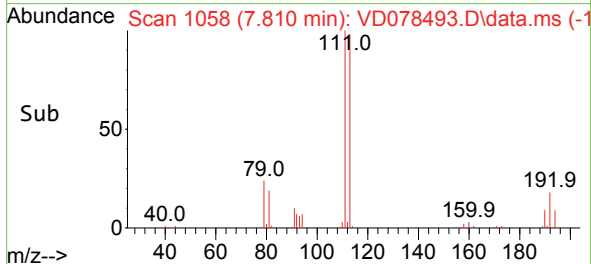
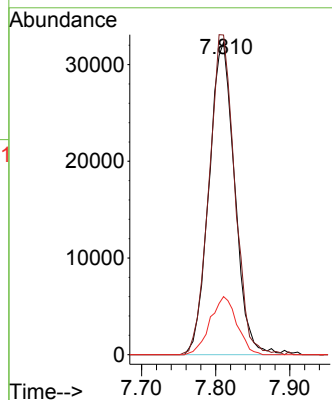
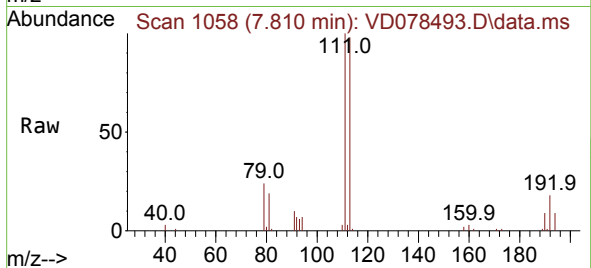
Tgt Ion:113 Resp: 77561

Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 19.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.068 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

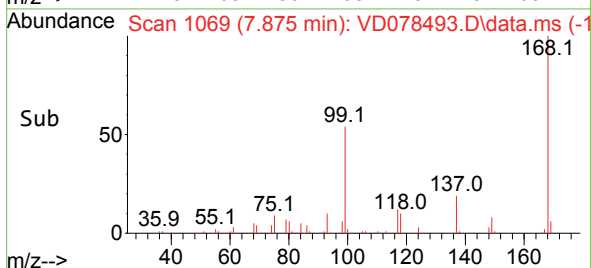
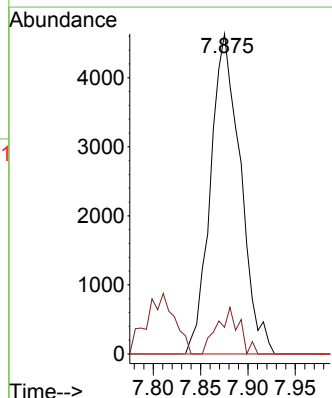
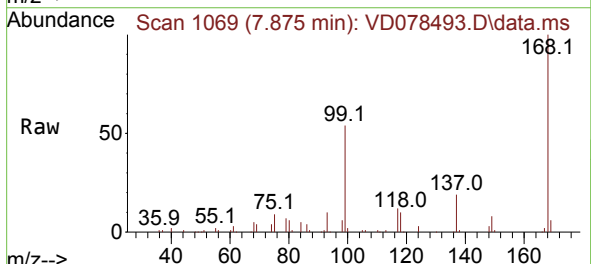
Tgt Ion: 75 Resp: 10210

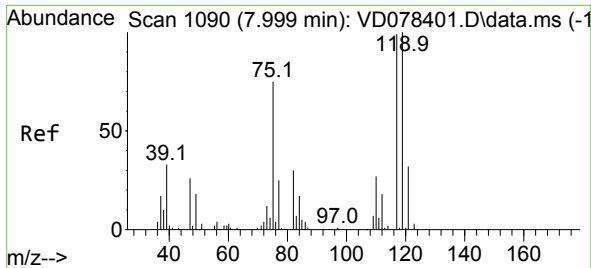
Ion Ratio Lower Upper

75 100

110 10.7 19.9 59.6#

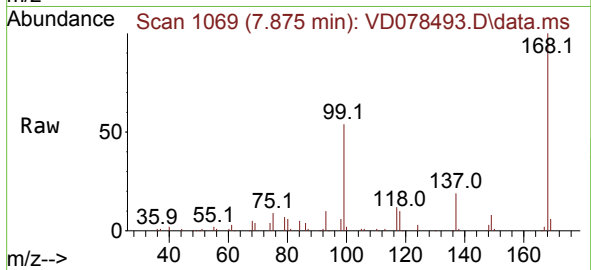
77 0.0 24.7 37.1#



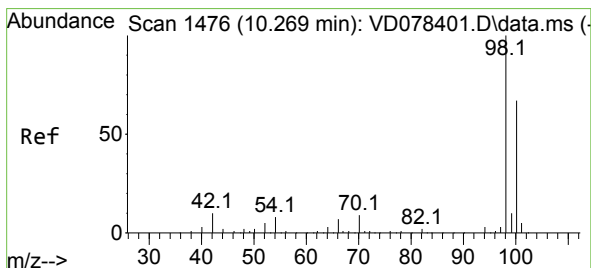
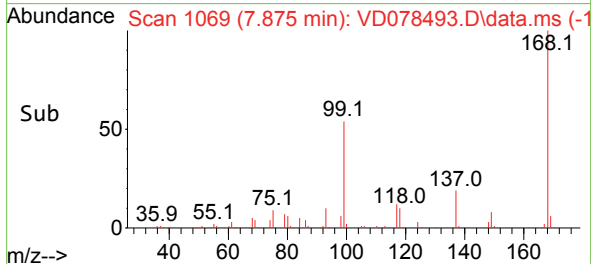
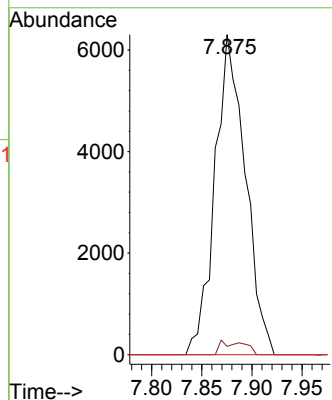


#38
Carbon Tetrachloride
Concen: 5.351 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.123 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

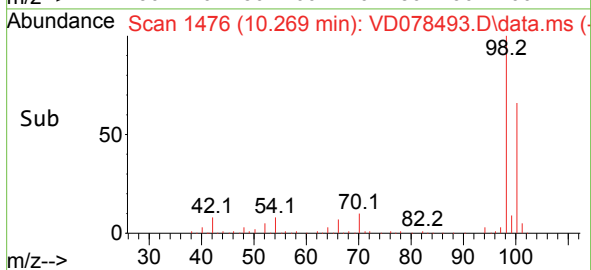
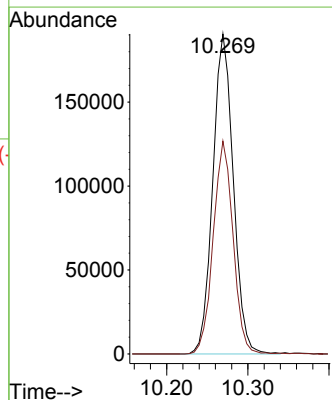
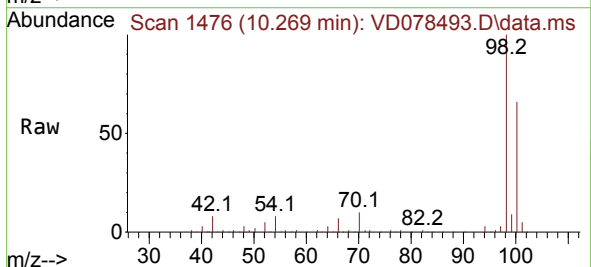


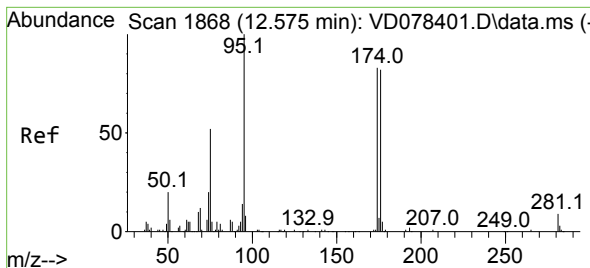
Tgt Ion:117 Resp: 13301
Ion Ratio Lower Upper
117 100
119 2.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.696 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 98 Resp: 334116
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

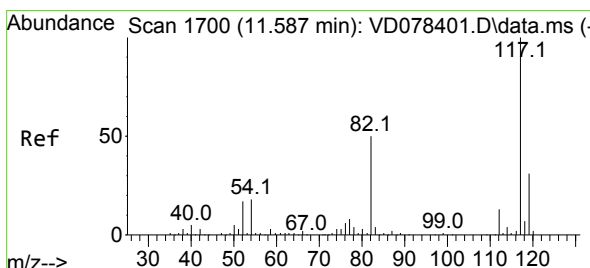
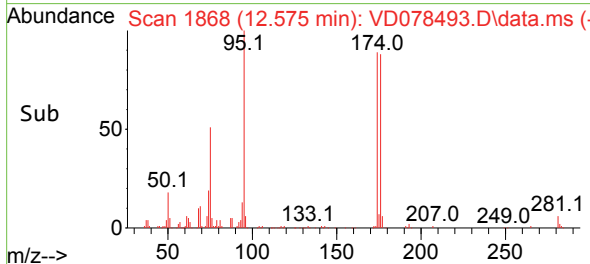
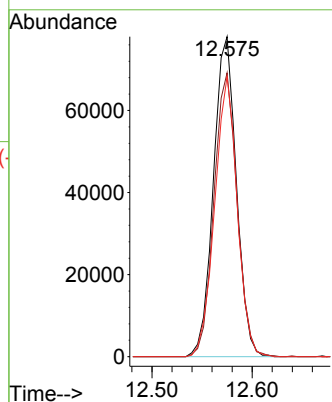
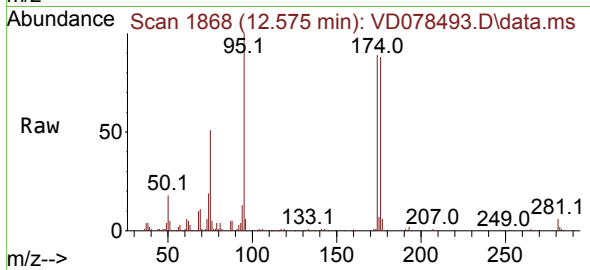




#62
4-Bromofluorobenzene
Concen: 65.896 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

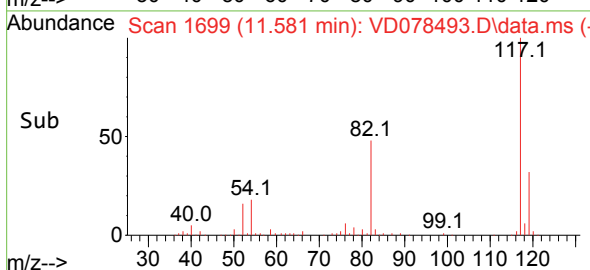
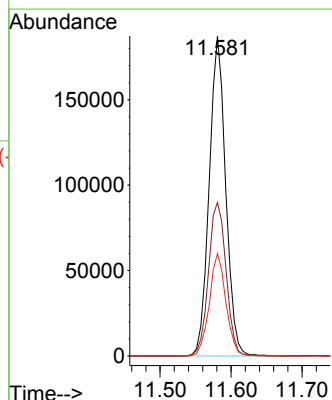
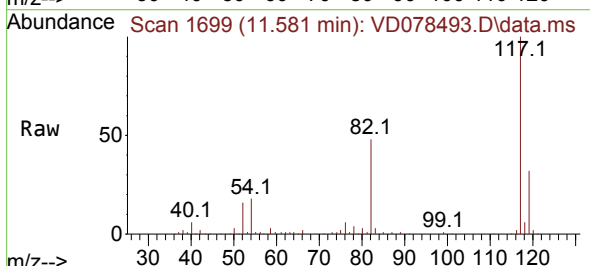
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

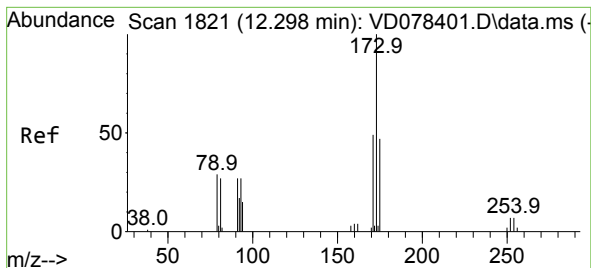
Tgt Ion: 95 Resp: 123936
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 86.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 117 Resp: 301933
Ion Ratio Lower Upper
117 100
82 48.0 38.3 57.5
119 32.0 25.0 37.4





#71

Bromoform

Concen: 1.090 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

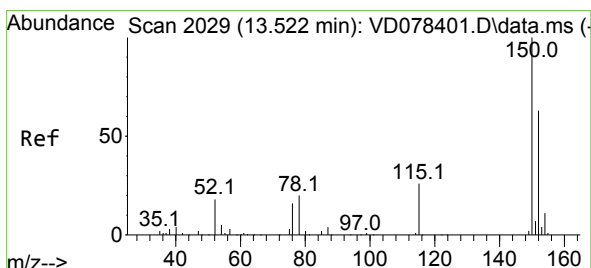
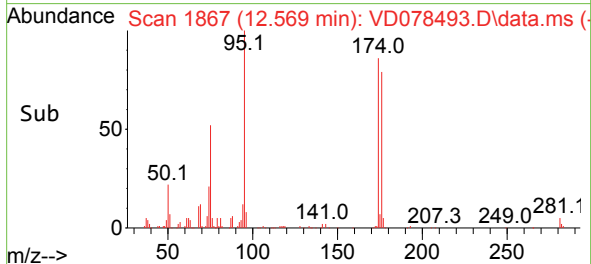
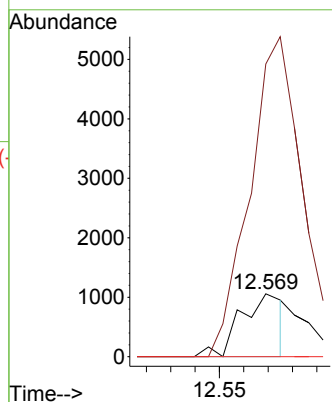
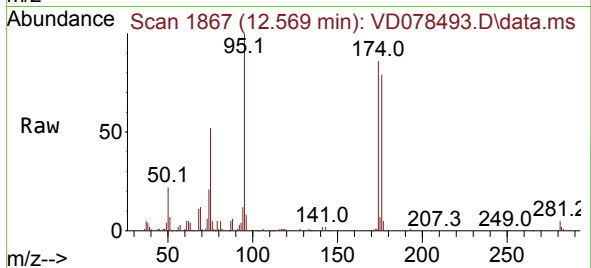
Tgt Ion:173 Resp: 1280

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078493.D

Acq: 21 Feb 2024 11:27

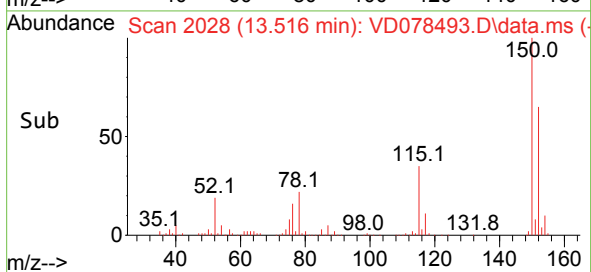
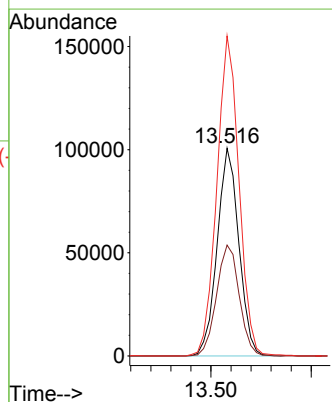
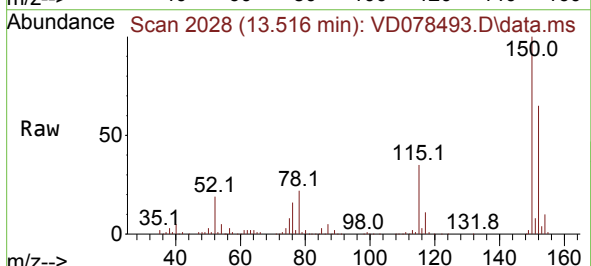
Tgt Ion:152 Resp: 151003

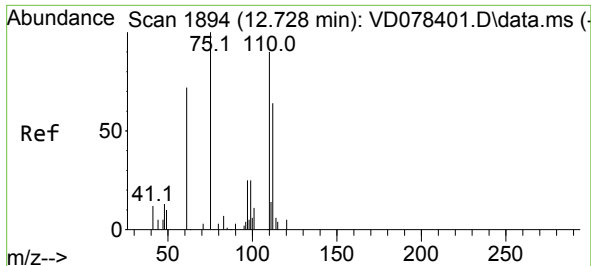
Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 157.1 0.0 353.6

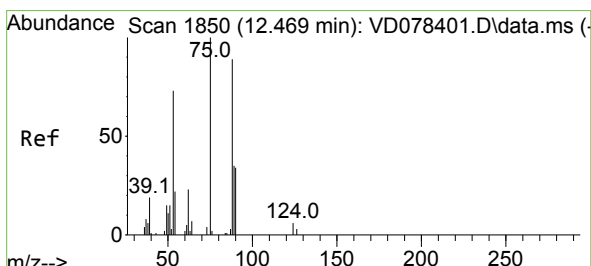
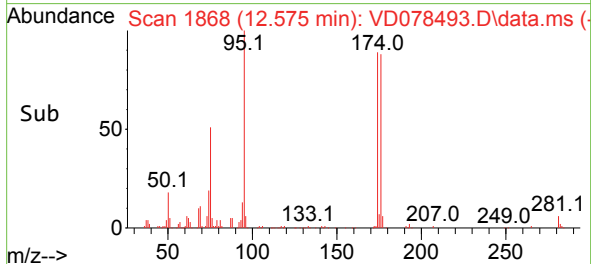
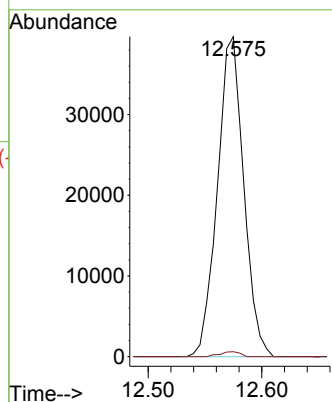
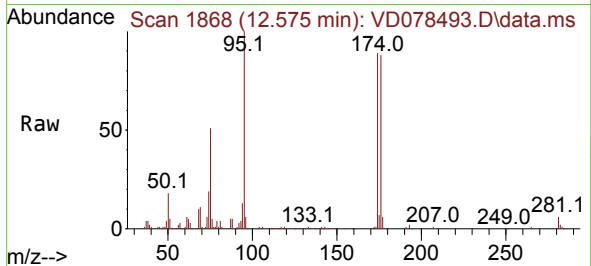




#76
1,2,3-Trichloropropane
Concen: 49.775 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tgt Ion: 75 Resp: 63810
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.334 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078493.D
Acq: 21 Feb 2024 11:27

Tgt Ion: 75 Resp: 63810
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

