

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017679.D
 Acq On : 15 Mar 2024 17:45
 Operator : SY/MD
 Sample : P1746-02RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0RE

Quant Time: Mar 16 00:19:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	476	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1392	39.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.740%
35) Dibromofluoromethane	7.728	113	898	24.379	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.760%#
50) Toluene-d8	10.185	98	5412	42.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.040%
62) 4-Bromofluorobenzene	12.483	95	695	17.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.340%

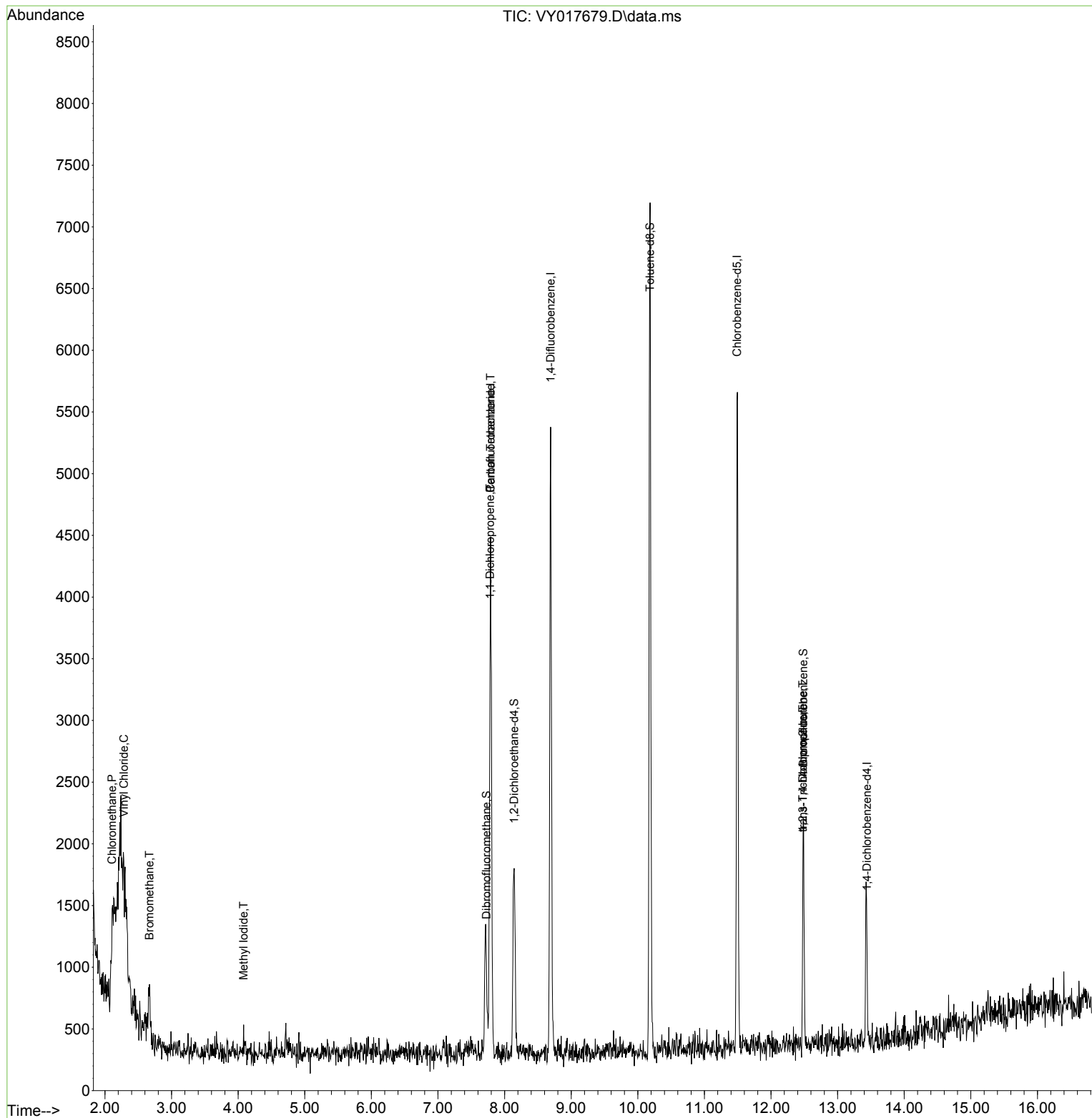
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	84	1.670	ug/l #	43
4) Vinyl Chloride	2.284	62	73	1.132	ug/l #	42
5) Bromomethane	2.668	94	195	3.709	ug/l	95
10) Methyl Iodide	4.082	142	154	3.628	ug/l #	42
20) Methylene Chloride	4.716	84	87	Below Cal	#	12
36) 1,1-Dichloropropene	7.783	75	195	3.924	ug/l #	40
38) Carbon Tetrachloride	7.789	117	332	6.666	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	390	86.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	390	198.140	ug/l #	16

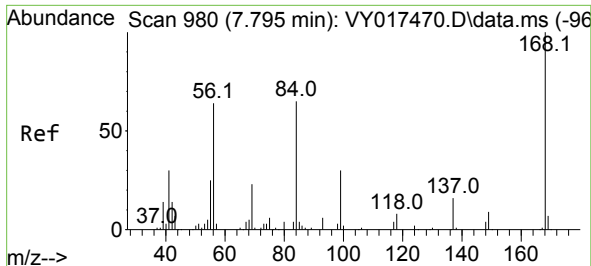
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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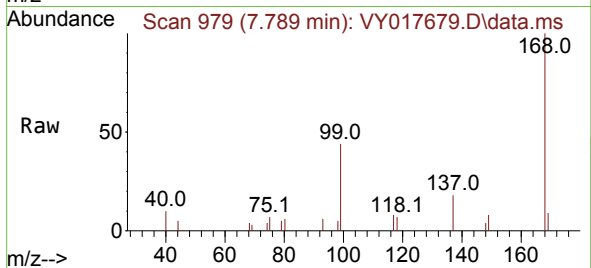
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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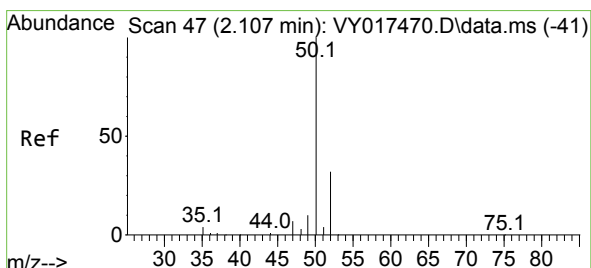
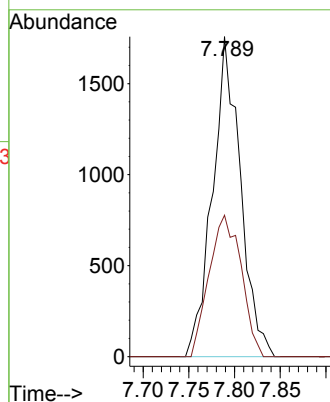
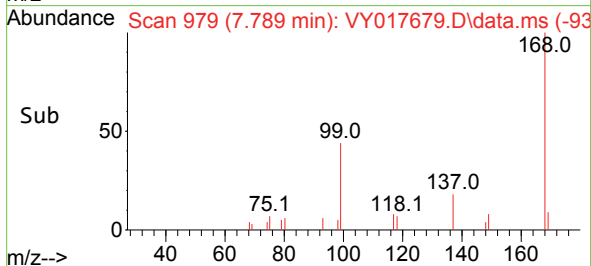


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0RE

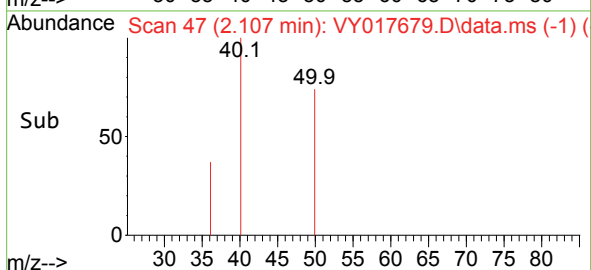
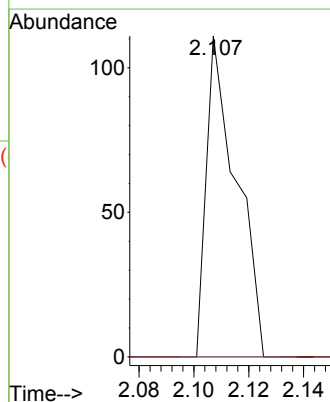
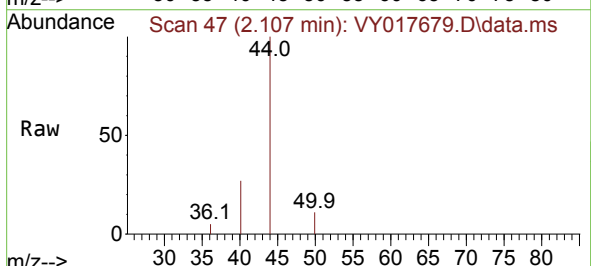


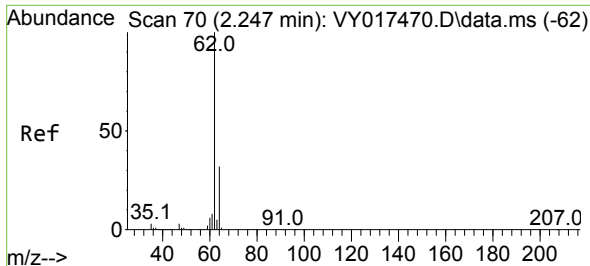
Tgt Ion:168 Resp: 3731
Ion Ratio Lower Upper
168 100
99 44.2 39.1 58.7



#3
Chloromethane
Concen: 1.670 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion: 50 Resp: 84
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

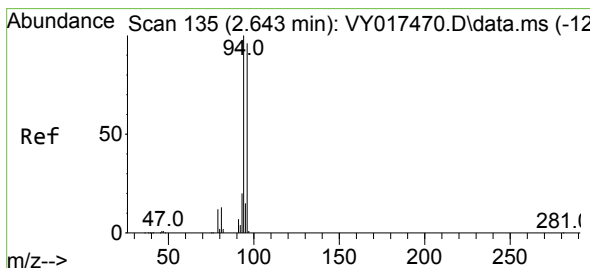
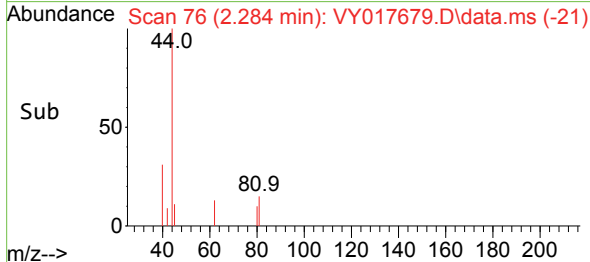
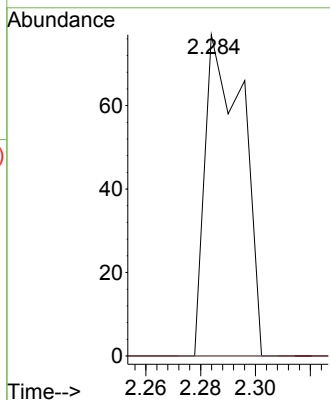
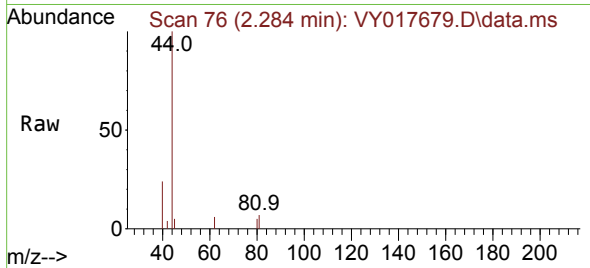




#4
 Vinyl Chloride
 Concen: 1.132 ug/l
 RT: 2.284 min Scan# 70
 Delta R.T. 0.037 min
 Lab File: VY017679.D
 Acq: 15 Mar 2024 17:45

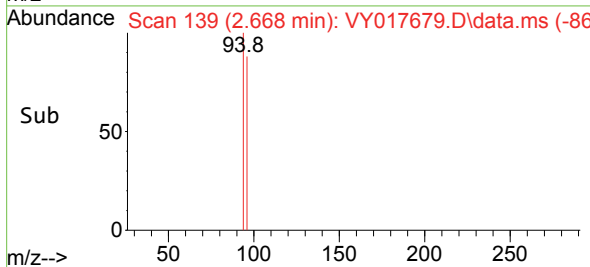
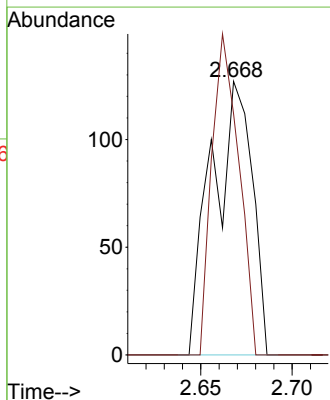
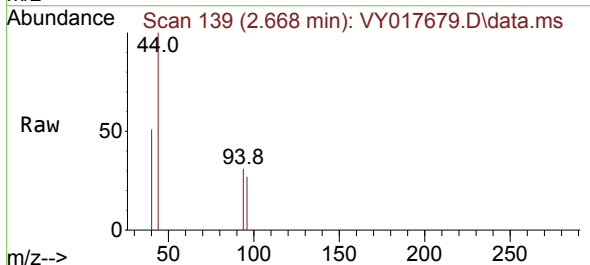
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0RE

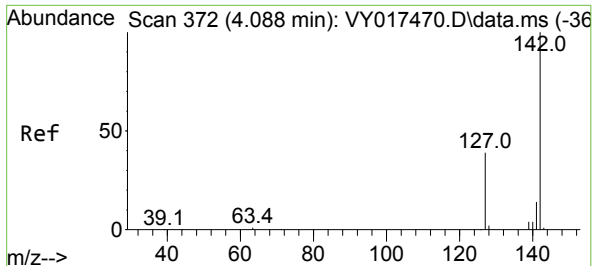
Tgt Ion: 62 Resp: 73
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 3.709 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY017679.D
 Acq: 15 Mar 2024 17:45

Tgt Ion: 94 Resp: 195
 Ion Ratio Lower Upper
 94 100
 96 88.2 74.1 111.1

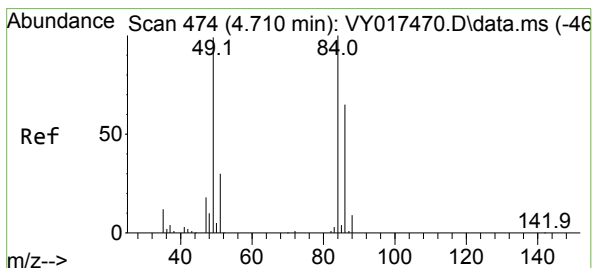
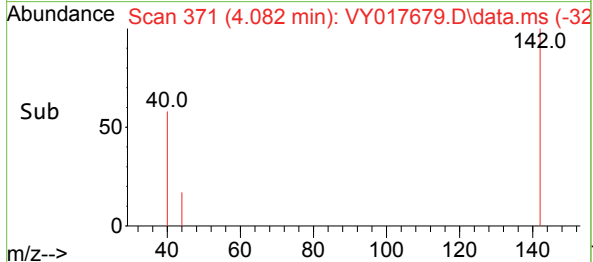
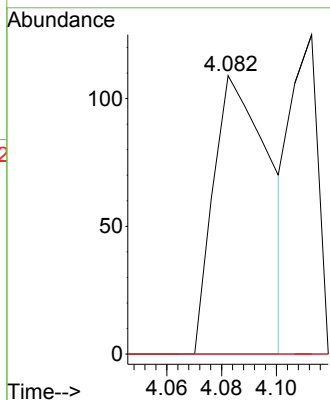
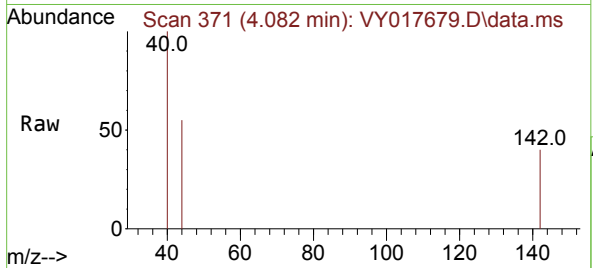




#10
Methyl Iodide
Concen: 3.628 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

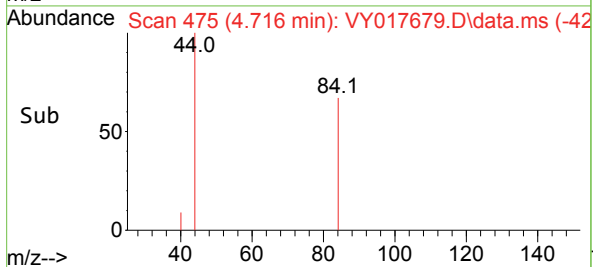
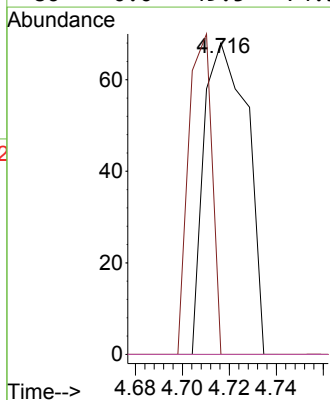
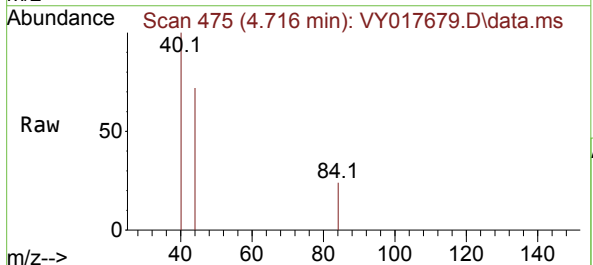
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0RE

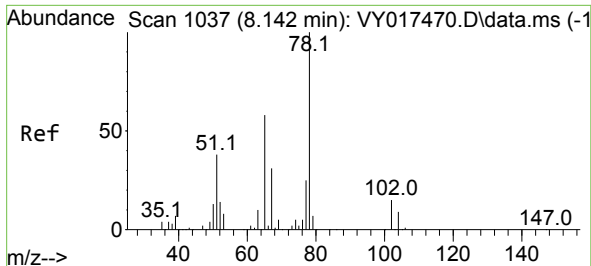
Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion: 84 Resp: 87
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 39.367 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017679.D

Acq: 15 Mar 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

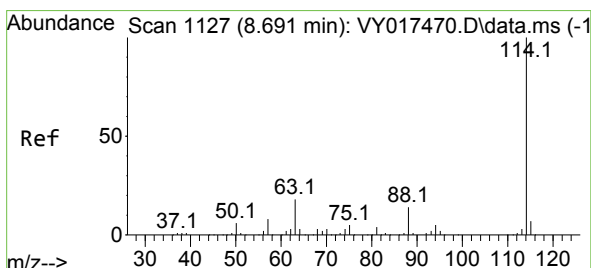
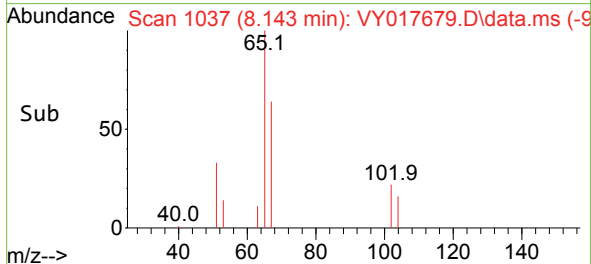
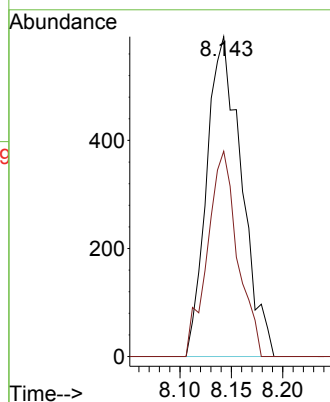
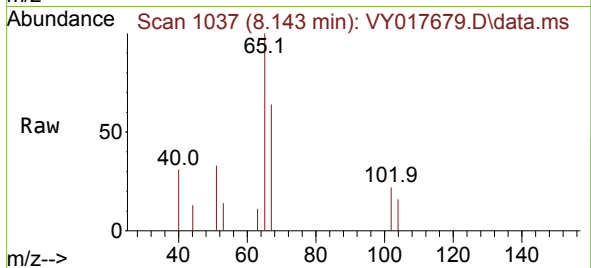
SB-01-4.0-6.0RE

Tgt Ion: 65 Resp: 1392

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017679.D

Acq: 15 Mar 2024 17:45

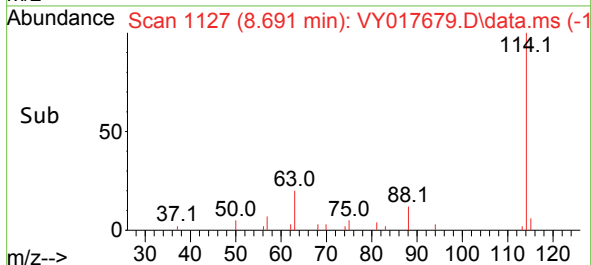
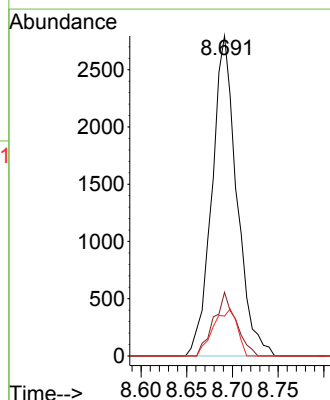
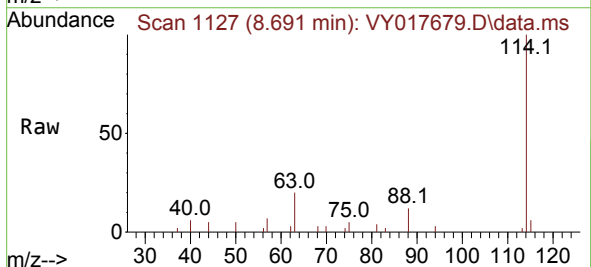
Tgt Ion: 114 Resp: 5286

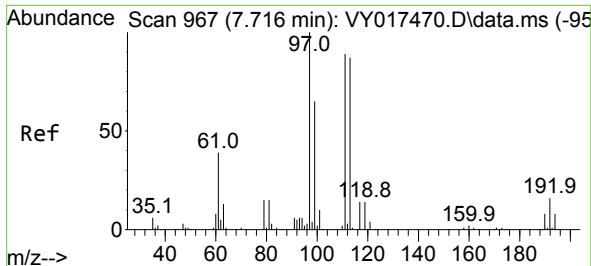
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 12.5 0.0 27.2

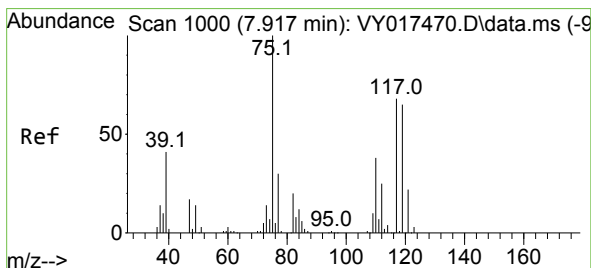
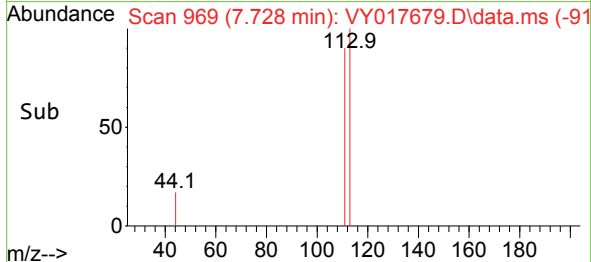
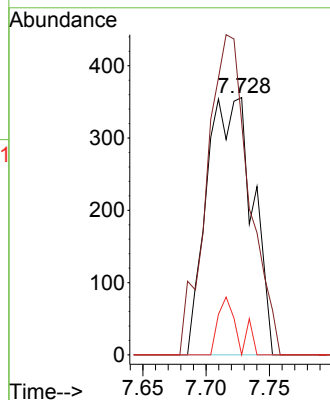
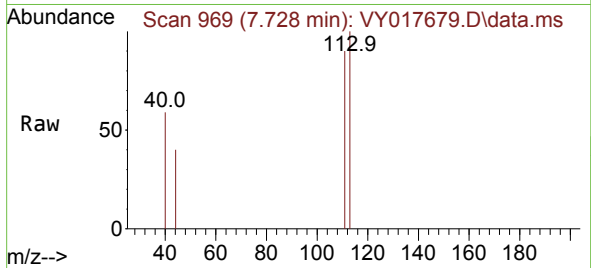




#35
Dibromofluoromethane
Concen: 24.379 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

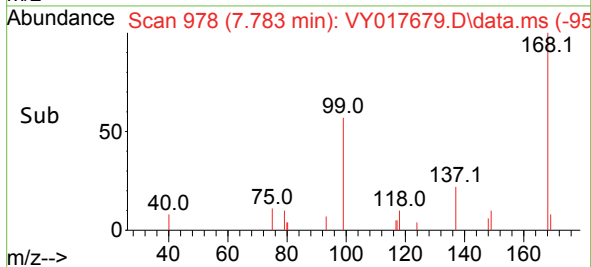
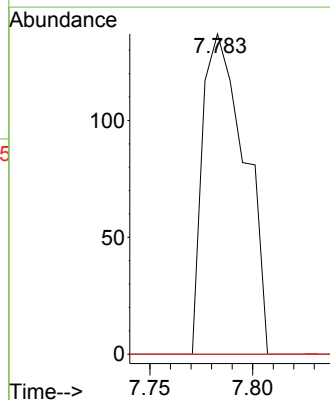
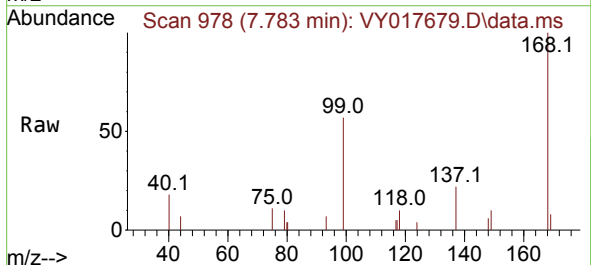
Instrument :
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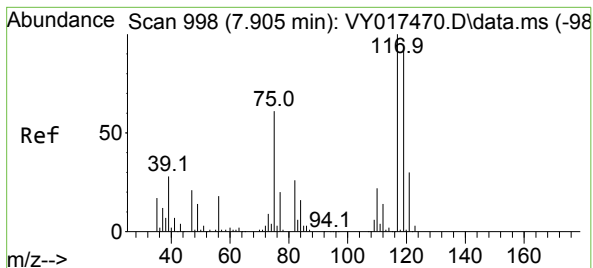
Tgt Ion:113 Resp: 898
Ion Ratio Lower Upper
113 100
111 114.6 82.2 123.4
192 9.7 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 3.924 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.666 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY017679.D

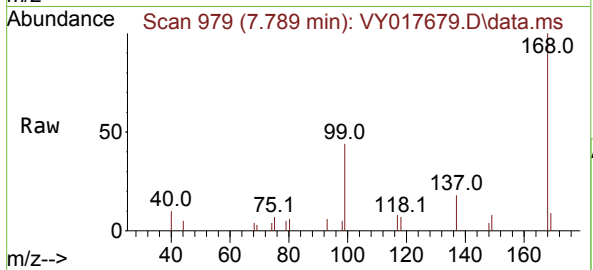
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Instrument :

MSVOA_Y

ClientSampleId :

SB-01-4.0-6.0RE



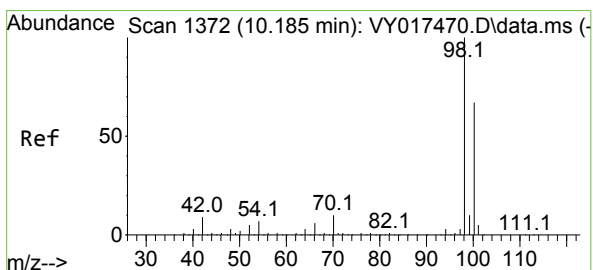
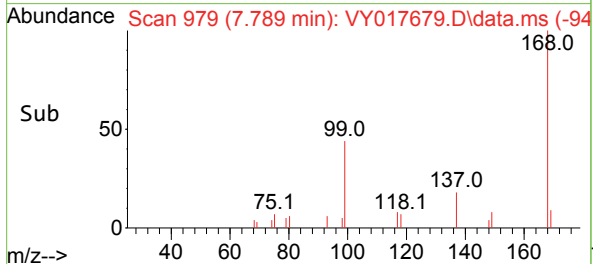
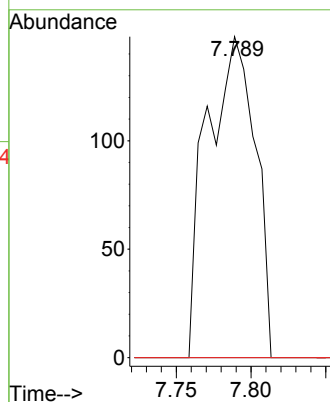
Tgt Ion:117 Resp: 332

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 42.023 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017679.D

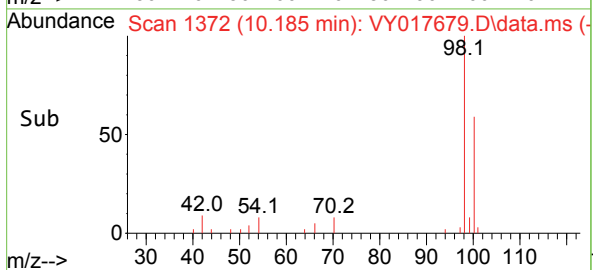
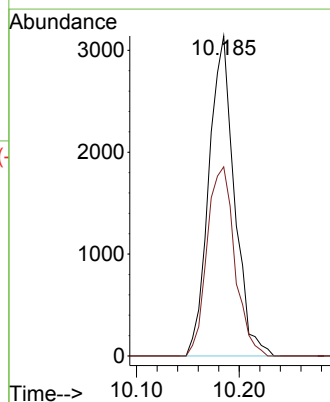
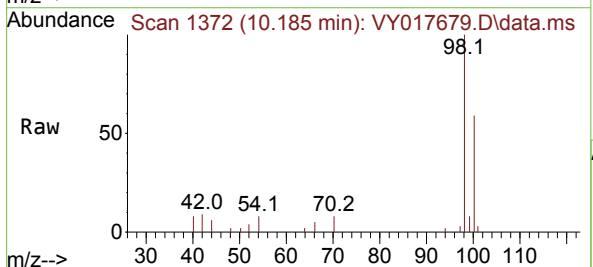
Acq: 15 Mar 2024 17:45

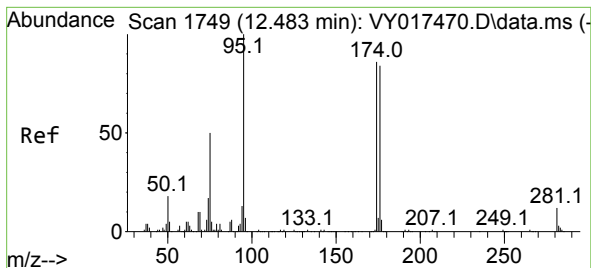
Tgt Ion: 98 Resp: 5412

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

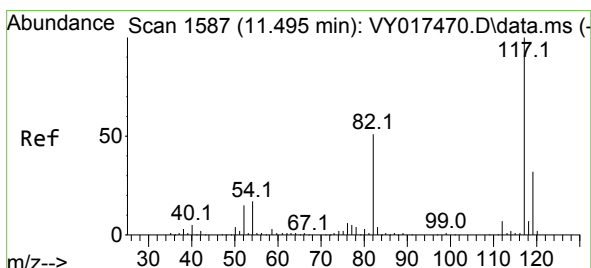
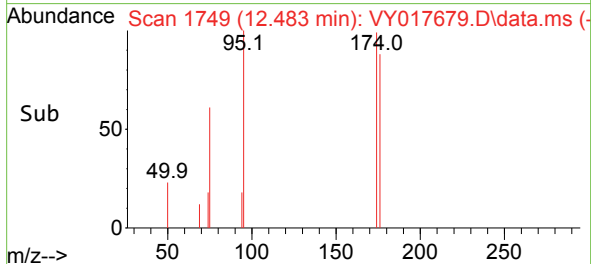
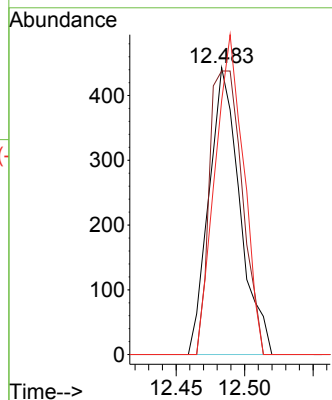
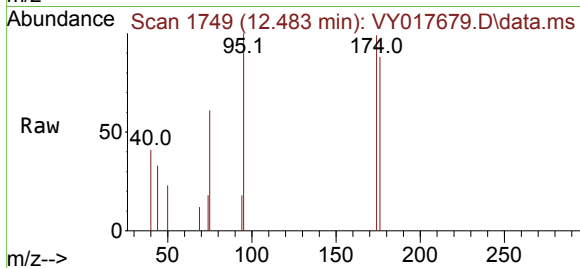




#62
4-Bromofluorobenzene
Concen: 17.171 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

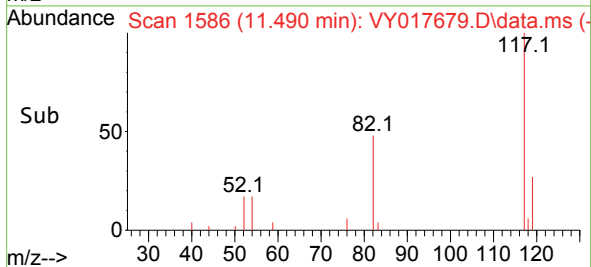
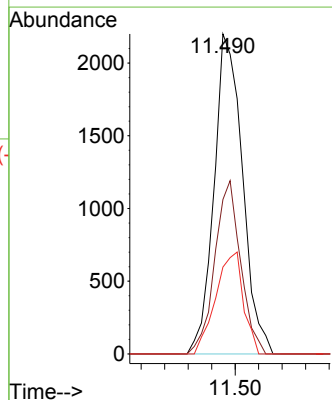
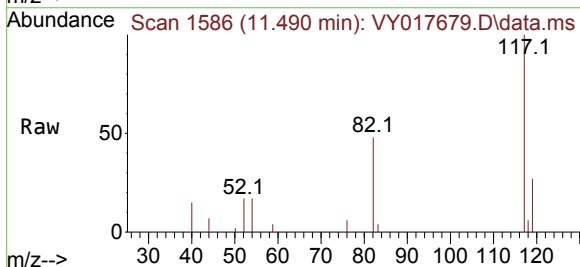
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0RE

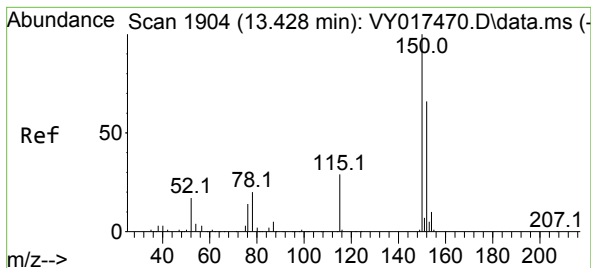
Tgt Ion:	95	Resp:	695
Ion	Ratio	Lower	Upper
95	100		
174	105.0	0.0	175.6
176	103.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

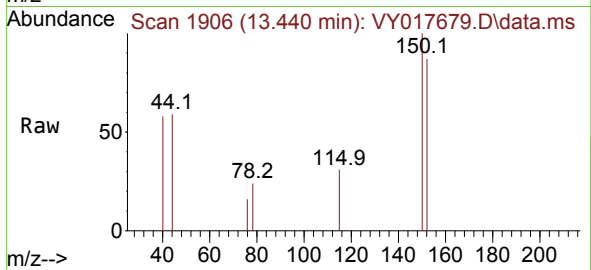
Tgt Ion:	117	Resp:	3691
Ion	Ratio	Lower	Upper
117	100		
82	48.3	42.4	63.6
119	27.1	25.9	38.9



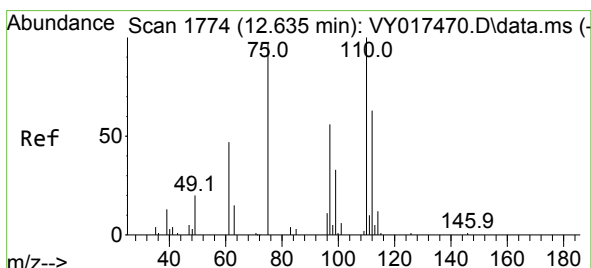
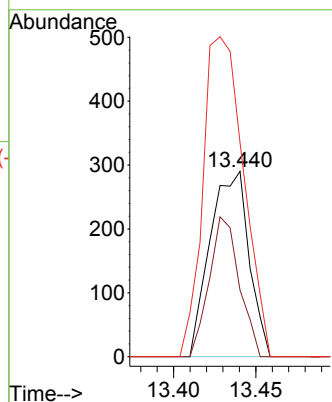
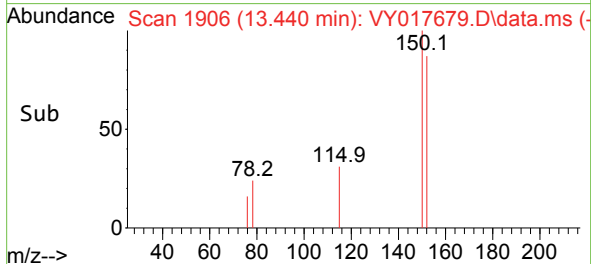


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.012 min
 Lab File: VY017679.D
 Acq: 15 Mar 2024 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0RE

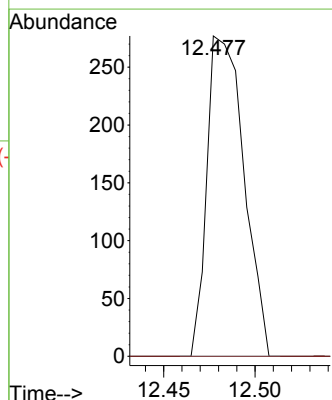
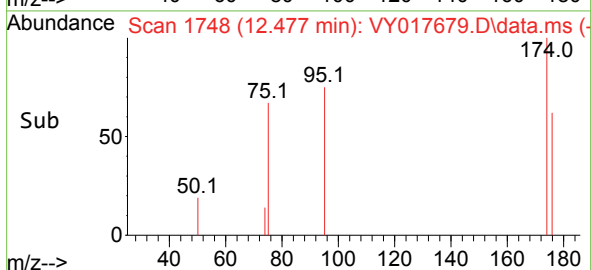
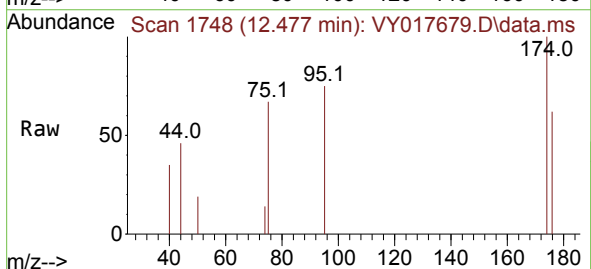


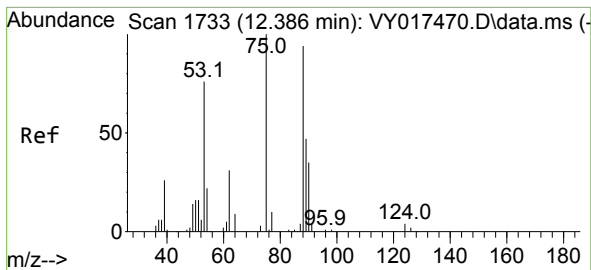
Tgt Ion:152 Resp: 476
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 180.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 86.231 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY017679.D
 Acq: 15 Mar 2024 17:45

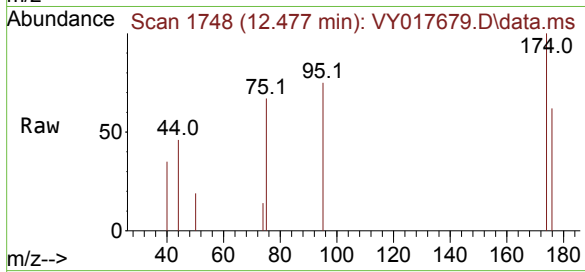
Tgt Ion: 75 Resp: 390
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 198.140 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.092 min
 Lab File: VY017679.D
 Acq: 15 Mar 2024 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0RE



Tgt Ion: 75 Resp: 390
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

