

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013478.D
 Acq On : 26 Apr 2023 17:03
 Operator : KP/MD
 Sample : 02483-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP2

Quant Time: Apr 27 01:35:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	23264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22237	87.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.400%#
35) Dibromofluoromethane	7.716	113	17832	71.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.740%
50) Toluene-d8	10.179	98	49707	55.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.477	95	16373	54.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.280%

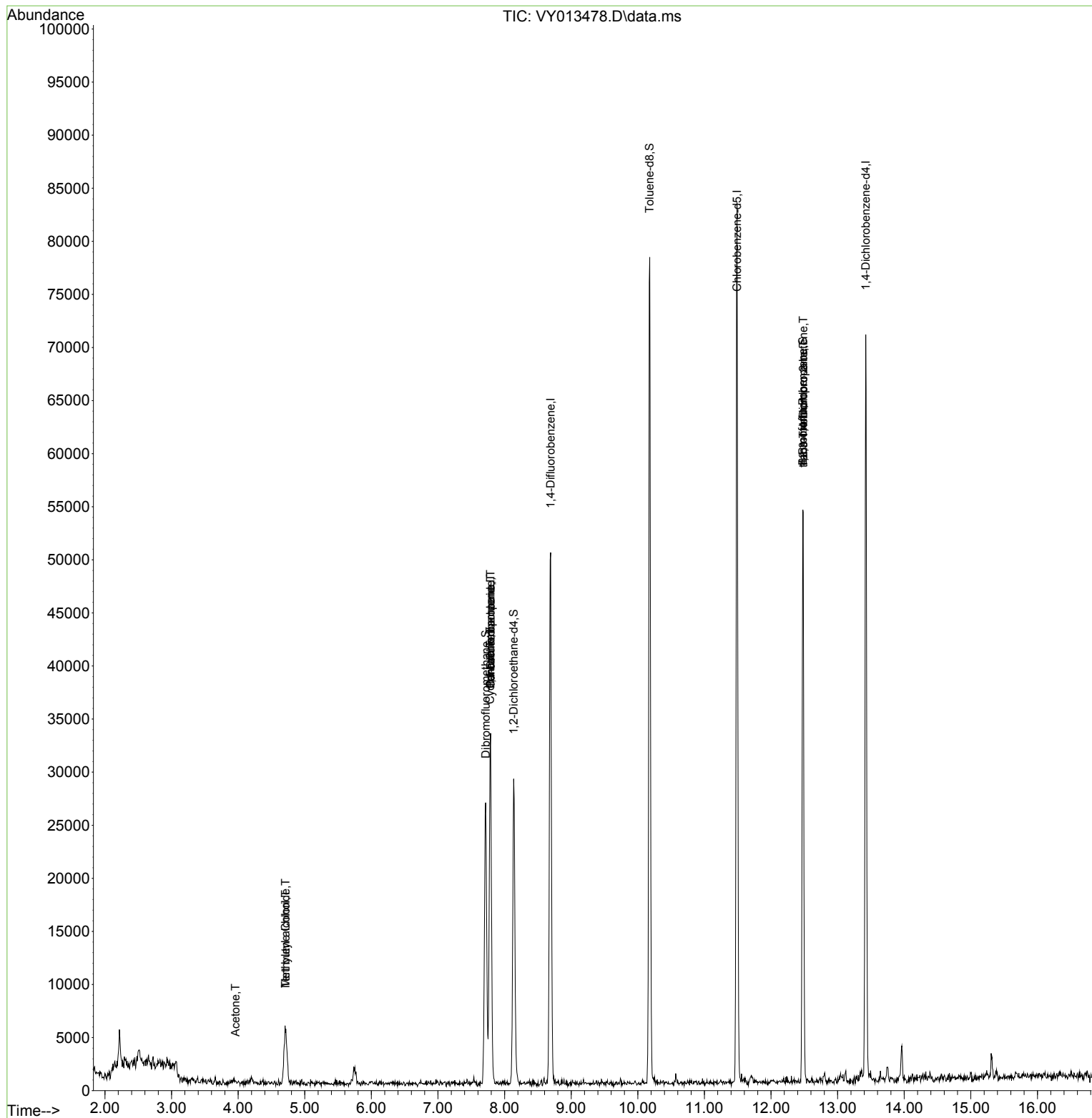
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.710	59	44	2.178	ug/l #	89
13) Acrolein	3.710	56	24	Below Cal	#	1
16) Acetone	3.960	43	496	4.939	ug/l #	43
20) Methylene Chloride	4.710	84	3532	3.742	ug/l	99
31) Cyclohexane	7.783	56	820	1.796	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2243	5.409	ug/l #	42
38) Carbon Tetrachloride	7.789	117	2395	5.510	ug/l #	16
71) Bromoform	12.477	173	308	1.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	8085	34.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8085	71.409	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013478.D
Acq On : 26 Apr 2023 17:03
Operator : KP/MD
Sample : 02483-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

Quant Time: Apr 27 01:35:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

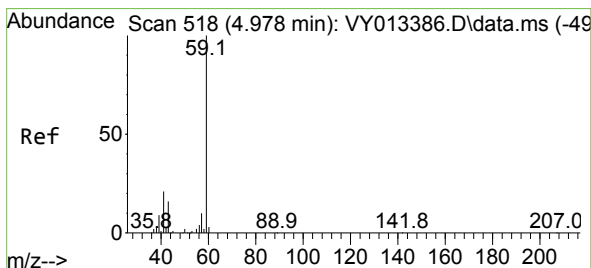
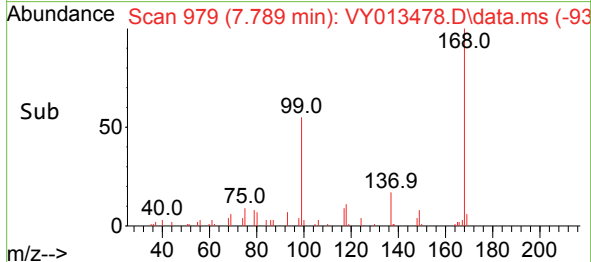
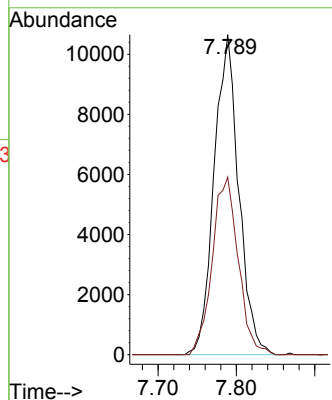
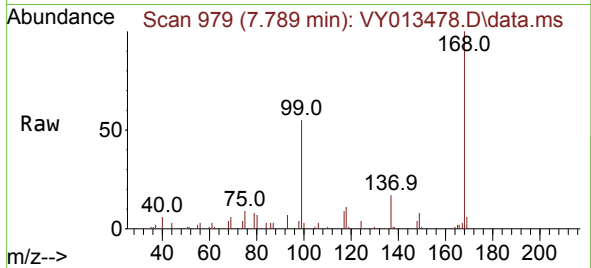




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

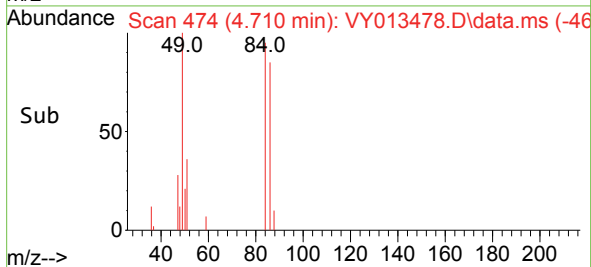
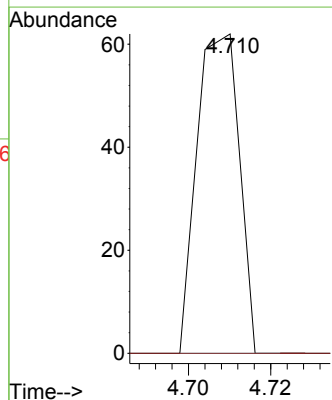
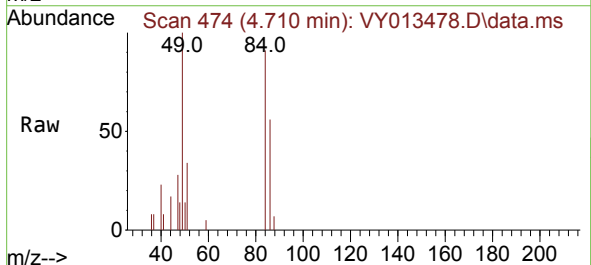
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

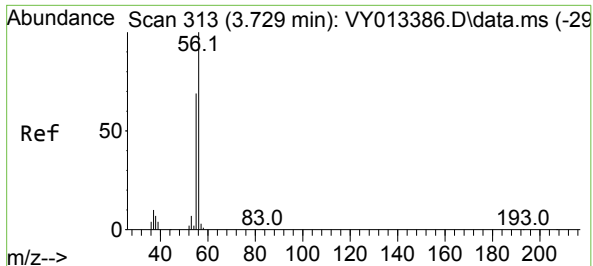
Tgt Ion:168 Resp: 23264
Ion Ratio Lower Upper
168 100
99 55.4 41.8 62.6



#11
Tert butyl alcohol
Concen: 2.178 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.268 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

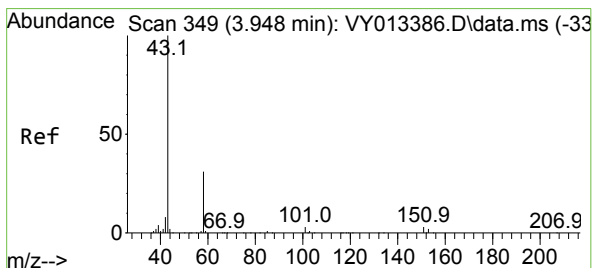
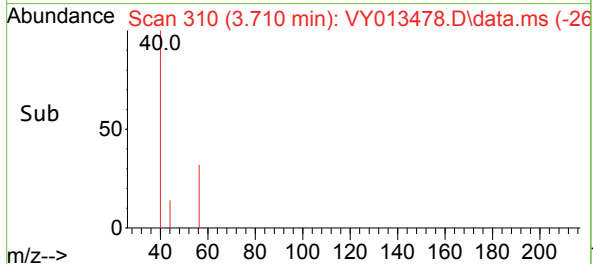
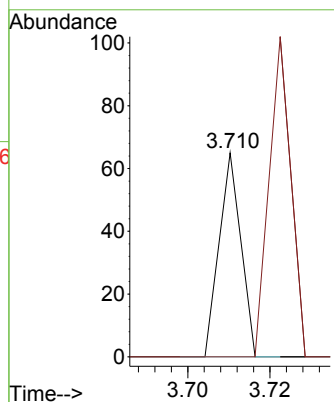
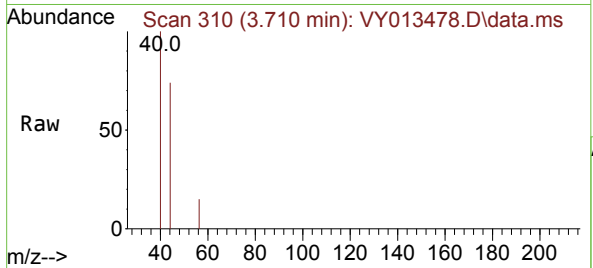




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 313
Delta R.T. -0.019 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

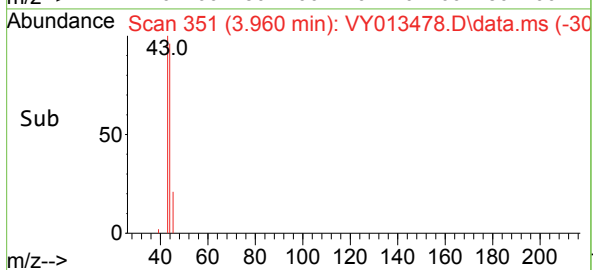
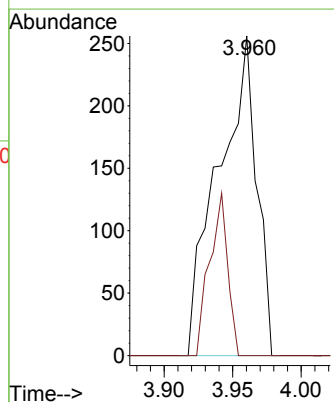
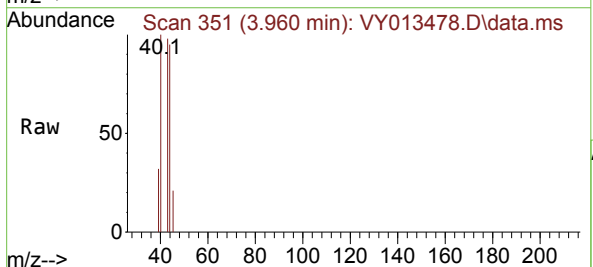
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

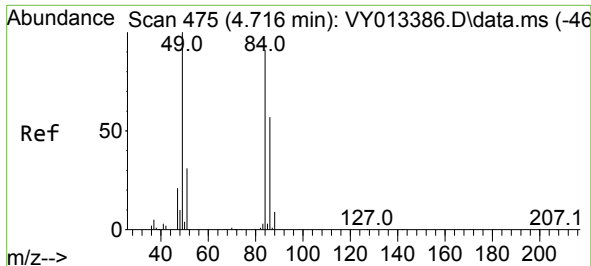
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 154.2 54.1 81.1#



#16
Acetone
Concen: 4.939 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



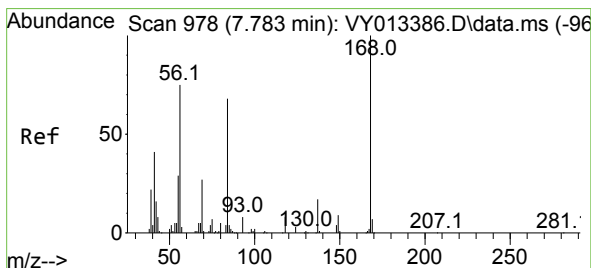
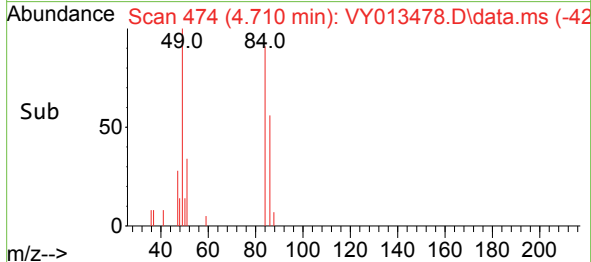
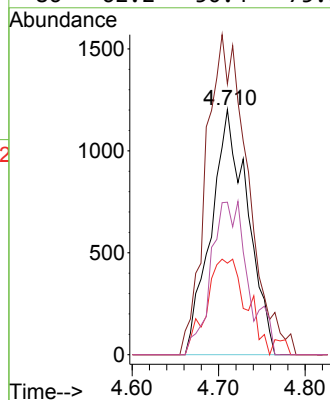
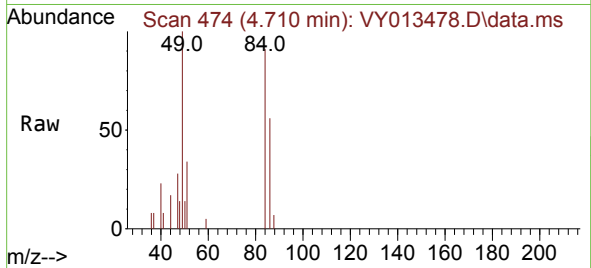


#20
Methylene Chloride
Concen: 3.742 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

Tgt Ion: 84 Resp: 3532

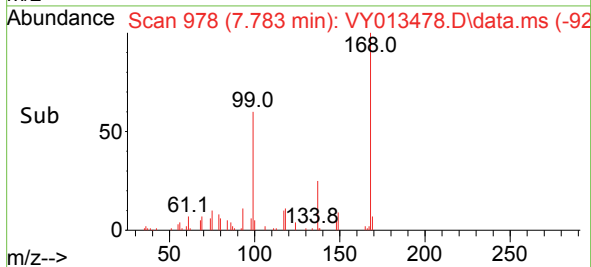
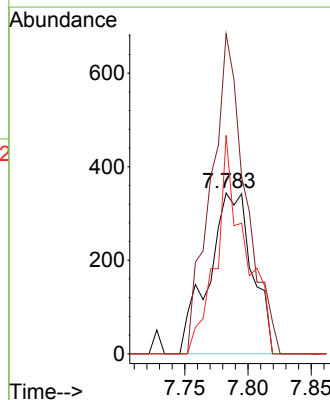
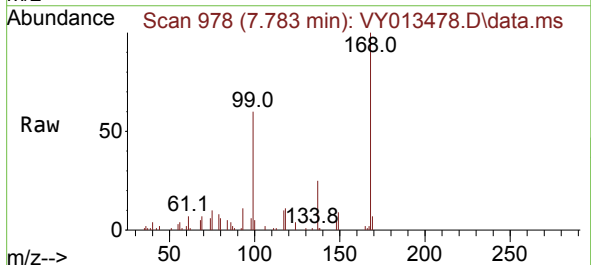
Ion	Ratio	Lower	Upper
84	100		
49	110.4	88.0	132.0
51	37.3	27.4	41.0
86	62.2	50.4	75.6

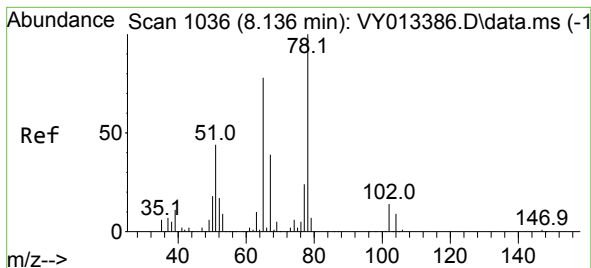


#31
Cyclohexane
Concen: 1.796 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 56 Resp: 820

Ion	Ratio	Lower	Upper
56	100		
69	198.8	29.2	43.8#
84	135.8	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 87.195 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013478.D

Acq: 26 Apr 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

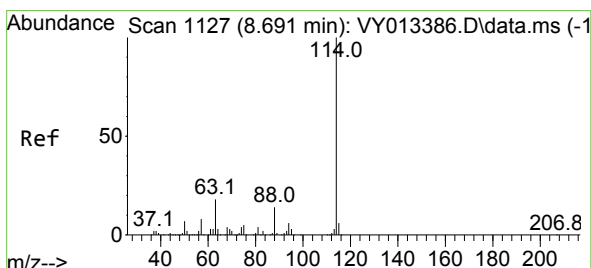
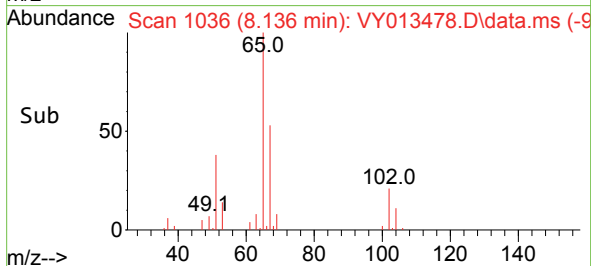
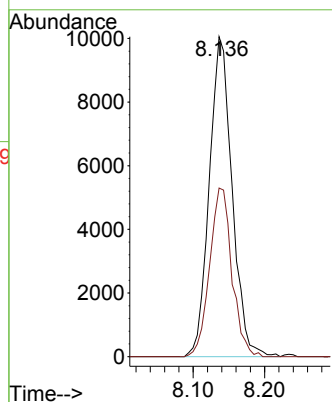
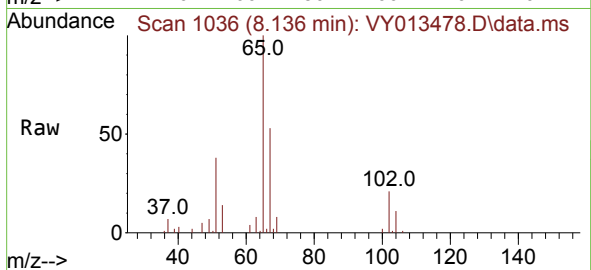
S2S-TP2

Tgt Ion: 65 Resp: 22237

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013478.D

Acq: 26 Apr 2023 17:03

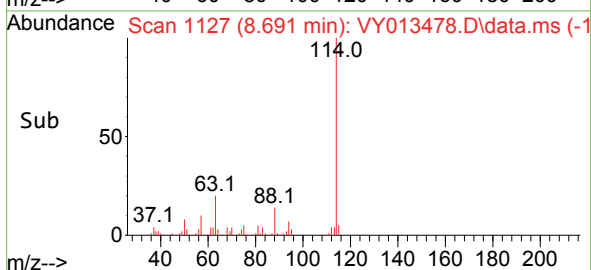
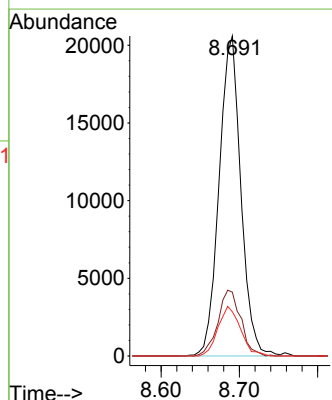
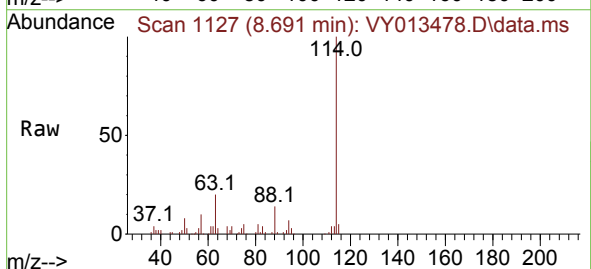
Tgt Ion: 114 Resp: 39726

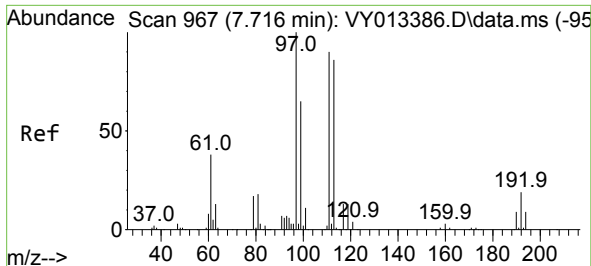
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 13.8 0.0 28.8

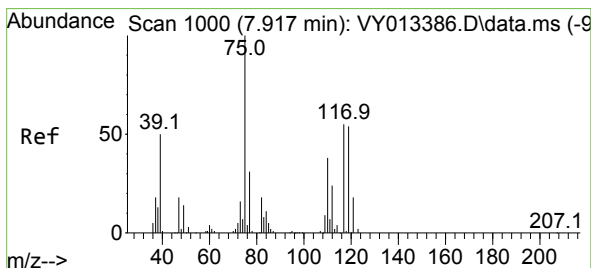
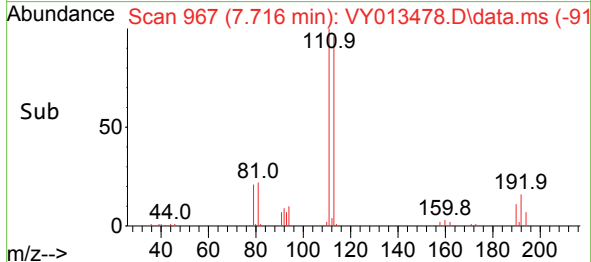
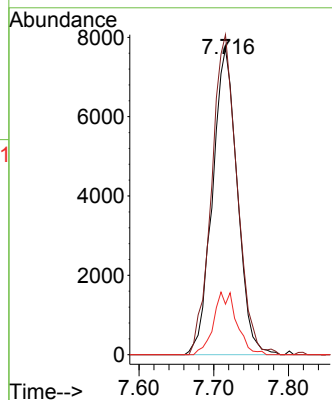
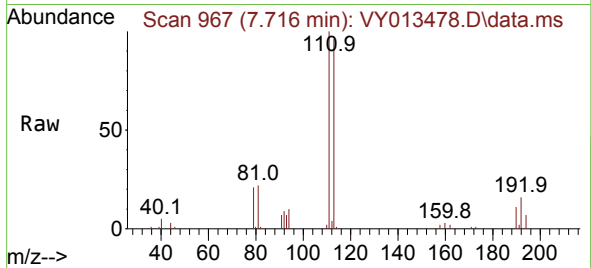




#35
Dibromofluoromethane
Concen: 71.368 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

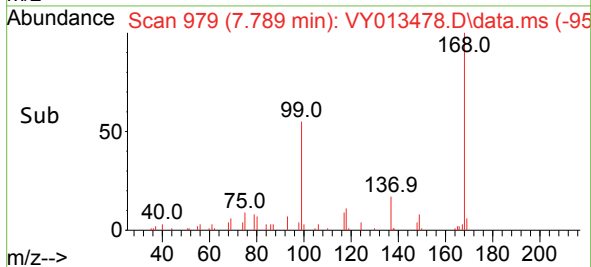
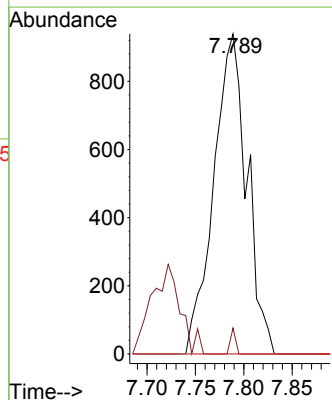
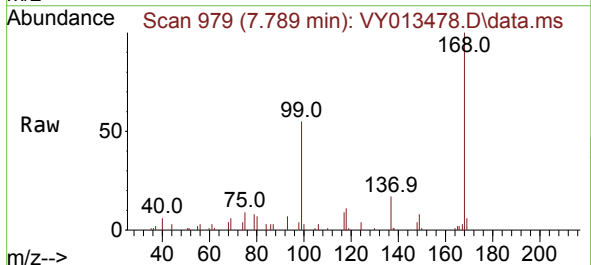
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

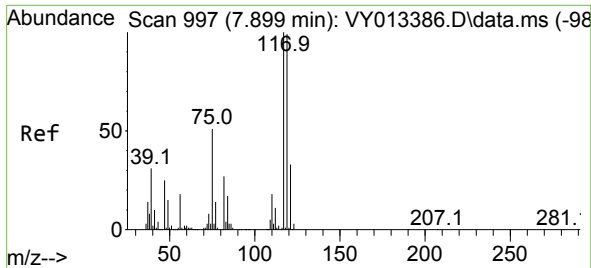
Tgt Ion:113 Resp: 17832
Ion Ratio Lower Upper
113 100
111 106.9 82.2 123.2
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 75 Resp: 2243
Ion Ratio Lower Upper
75 100
110 1.2 18.7 56.1#
77 0.0 24.6 37.0#

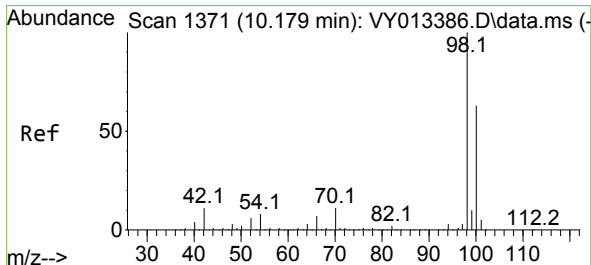
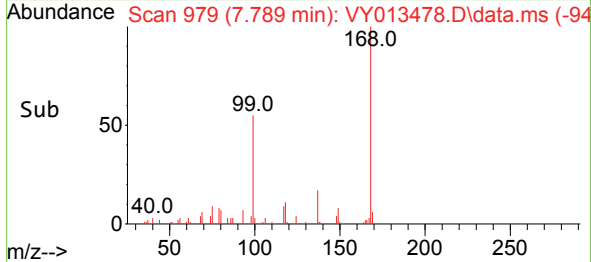
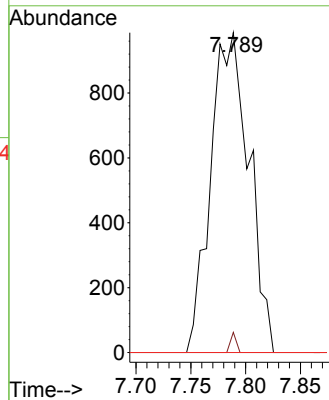
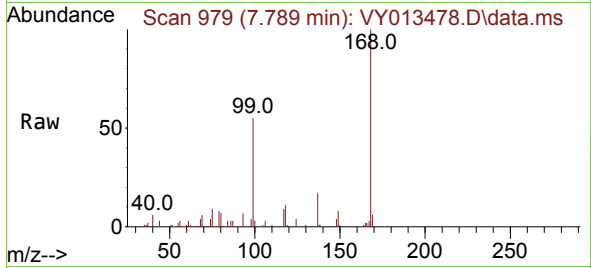




#38
Carbon Tetrachloride
Concen: 5.510 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

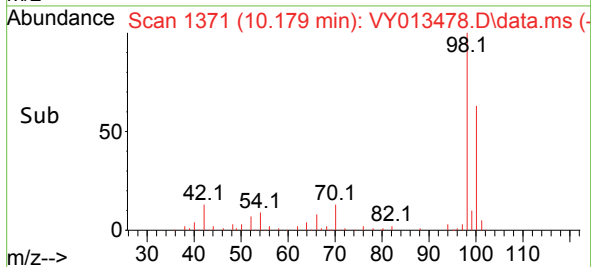
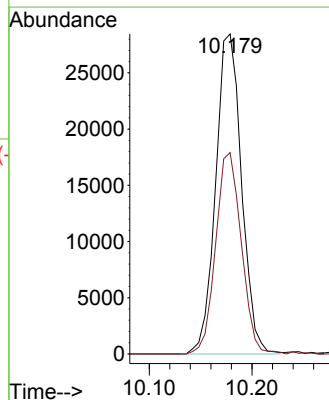
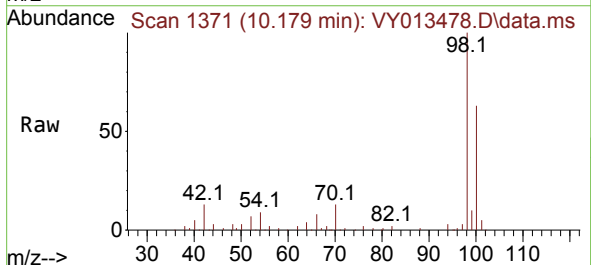
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

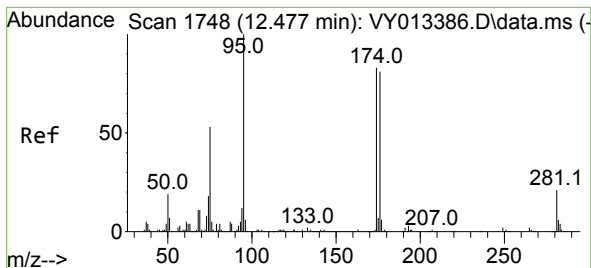
Tgt Ion:117 Resp: 2395
Ion Ratio Lower Upper
117 100
119 6.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.923 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 98 Resp: 49707
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

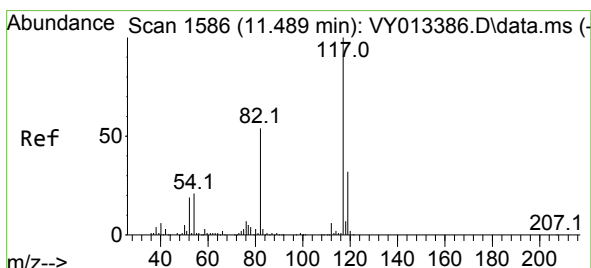
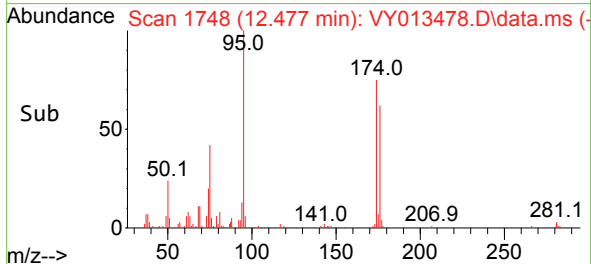
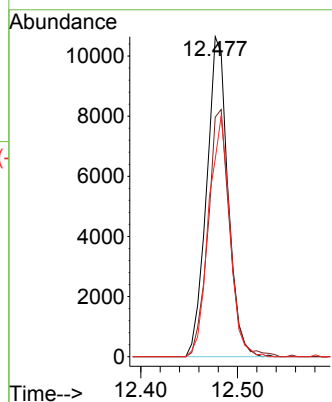
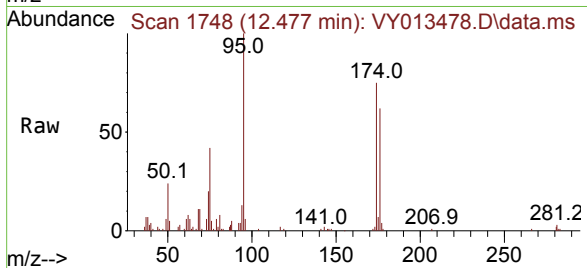




#62
4-Bromofluorobenzene
Concen: 54.640 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

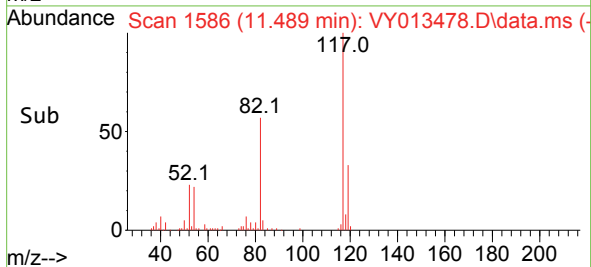
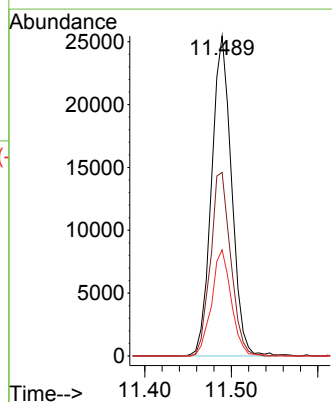
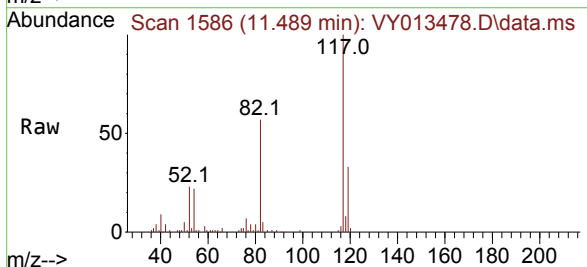
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

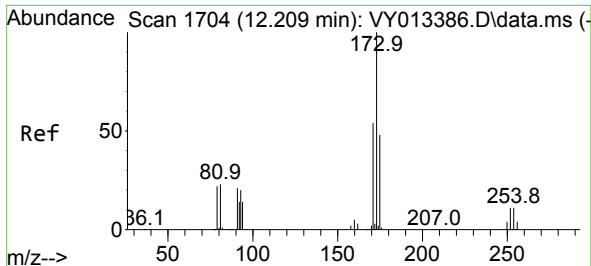
Tgt Ion: 95 Resp: 16373
Ion Ratio Lower Upper
95 100
174 78.2 0.0 182.0
176 74.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 117 Resp: 40817
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.6
119 33.2 25.5 38.3





#71

Bromoform

Concen: 1.322 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.268 min

Lab File: VY013478.D

Acq: 26 Apr 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP2

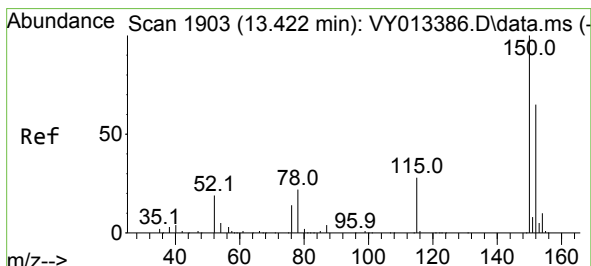
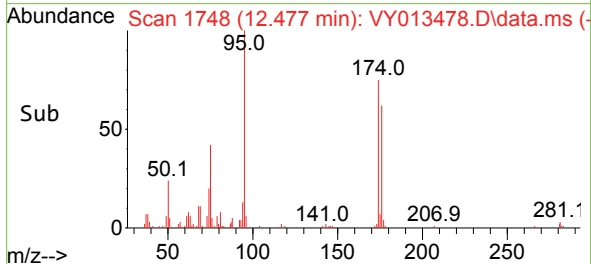
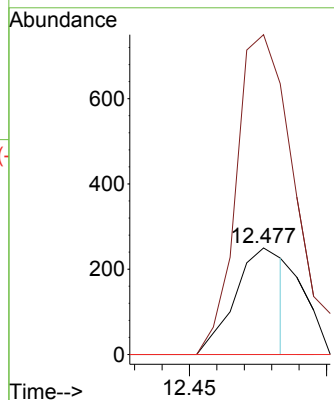
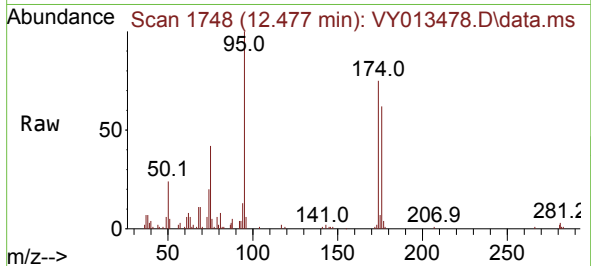
Tgt Ion:173 Resp: 308

Ion Ratio Lower Upper

173 100

175 283.8 24.3 72.8#

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013478.D

Acq: 26 Apr 2023 17:03

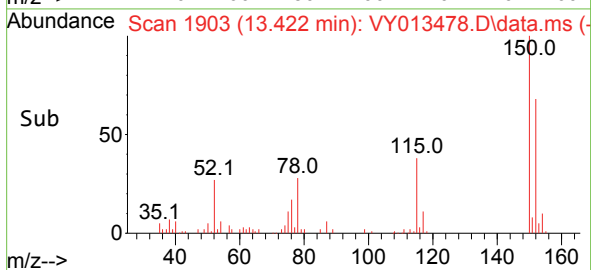
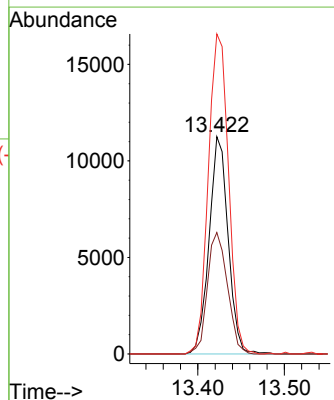
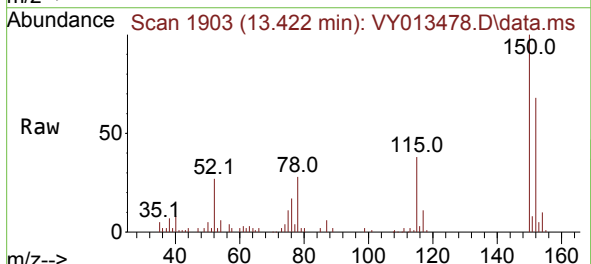
Tgt Ion:152 Resp: 17173

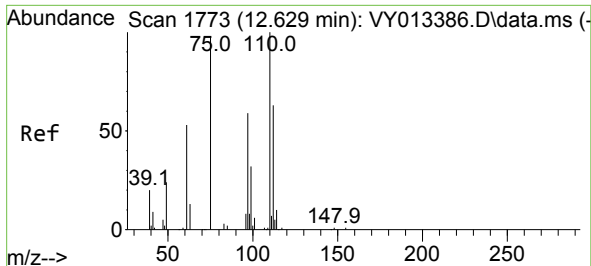
Ion Ratio Lower Upper

152 100

115 58.9 28.1 84.2

150 155.9 0.0 352.0

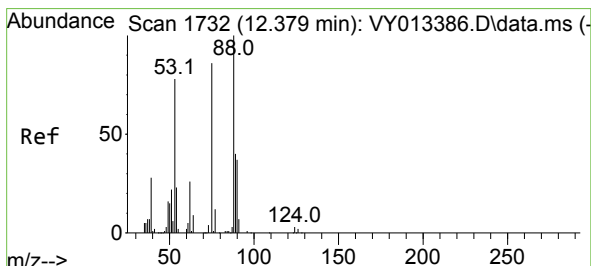
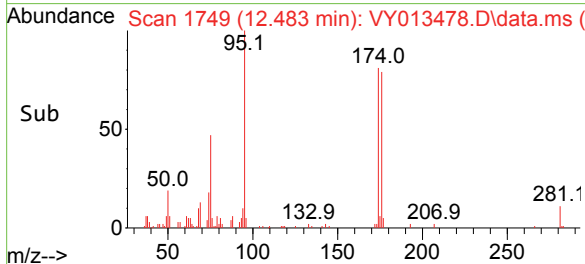
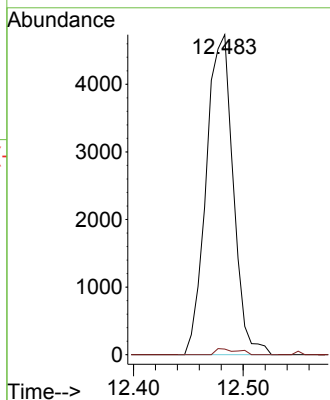
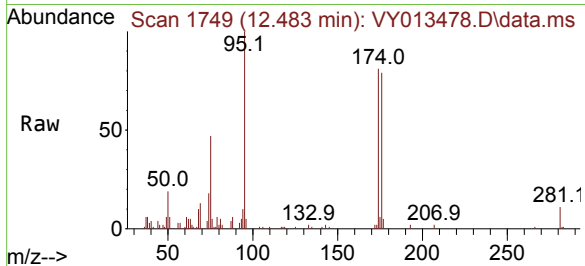




#76
1,2,3-Trichloropropane
Concen: 34.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

Tgt Ion: 75 Resp: 8085
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 75 Resp: 8085
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 38.0 57.0#

