

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013491.D
 Acq On : 27 Apr 2023 14:56
 Operator : KP/MD
 Sample : 02483-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP1

Quant Time: Apr 27 16:14:10 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)

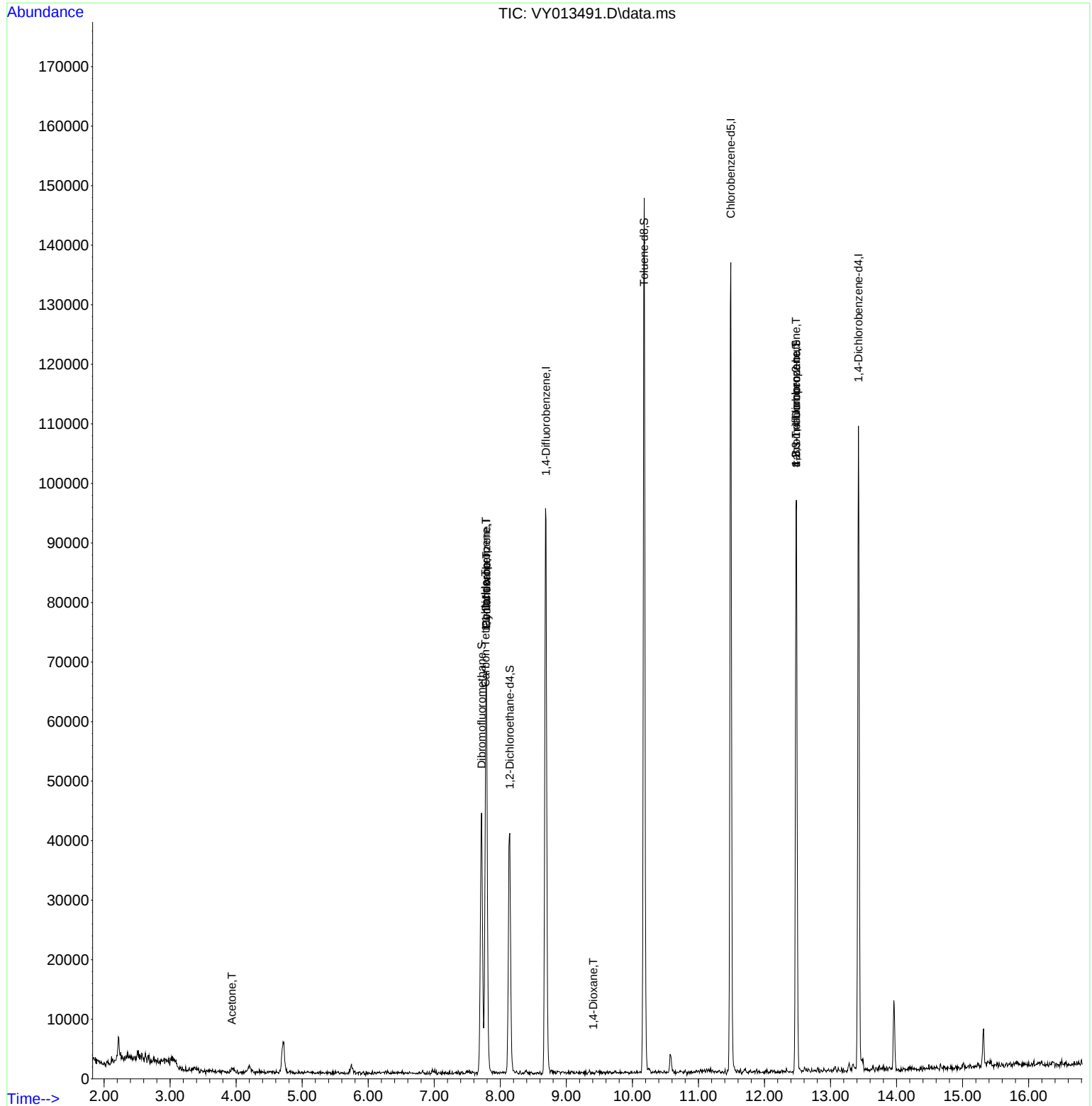
Internal Standards						
1) Pentafluorobenzene	7.789	168	51325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	79440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33436	59.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.860%	
35) Dibromofluoromethane	7.716	113	29576	59.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.380%	
50) Toluene-d8	10.179	98	93947	52.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.477	95	27279	45.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.759	56	30	Below Cal	#	1
16) Acetone	3.936	43	1161	5.240	ug/l #	82
20) Methylene Chloride	4.723	84	3929	Below Cal	#	93
31) Cyclohexane	7.789	56	1311	1.301	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	4332	5.224	ug/l #	48
38) Carbon Tetrachloride	7.777	117	5043	5.802	ug/l #	14
49) 1,4-Dioxane	9.405	88	25	4.790	ug/l #	25
76) 1,2,3-Trichloropropane	12.477	75	13741	36.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13741	74.721	ug/l #	13

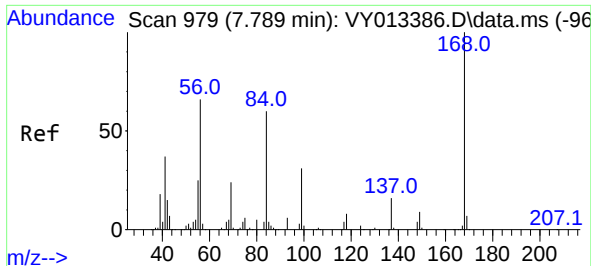
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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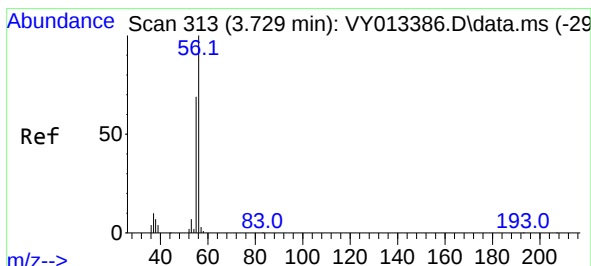
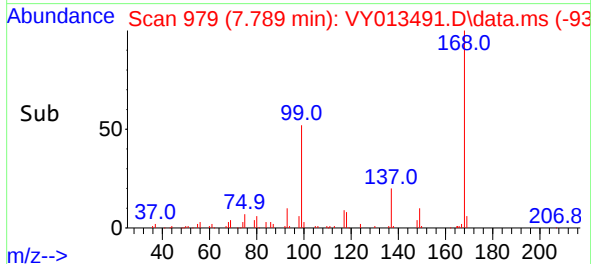
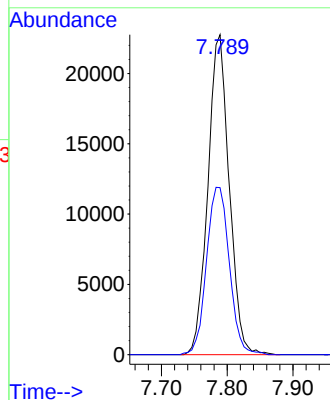
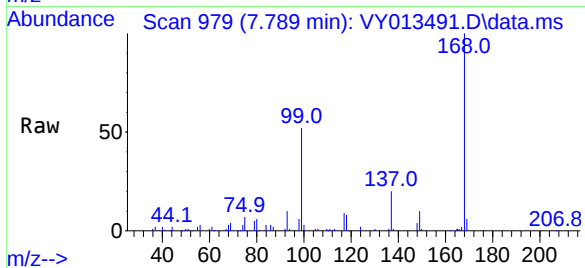




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

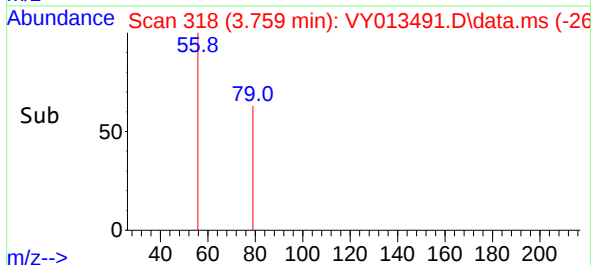
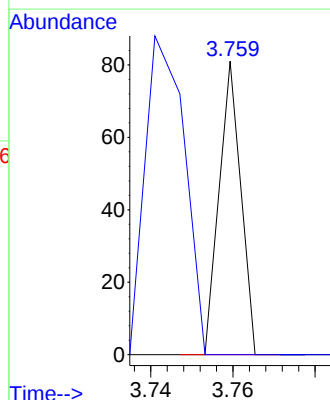
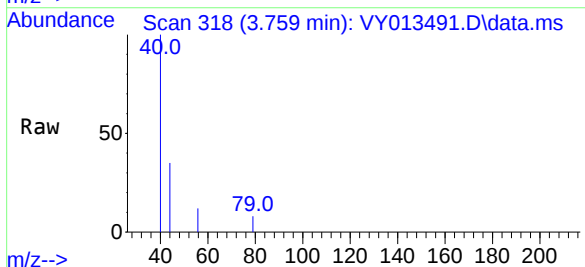
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

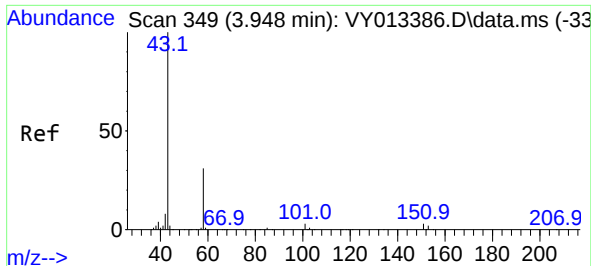
Tgt Ion:168 Resp: 51325
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.030 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 196.7 54.1 81.1#

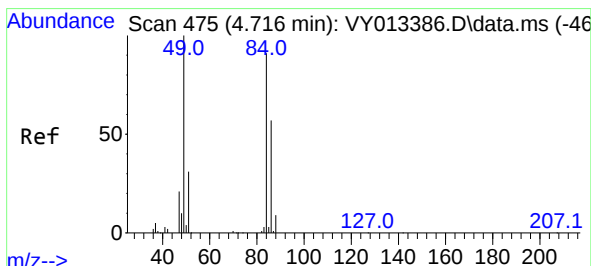
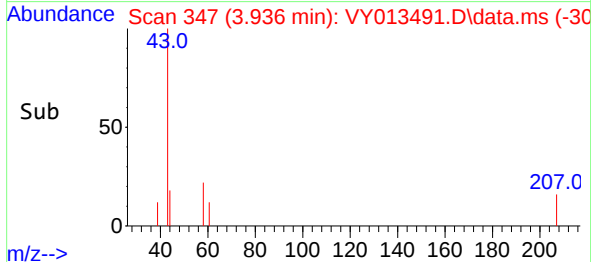
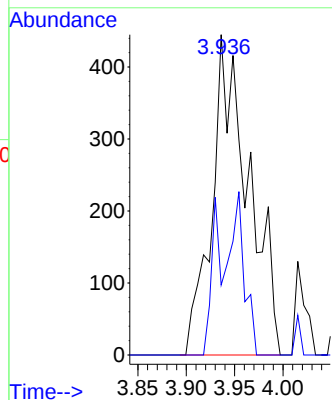
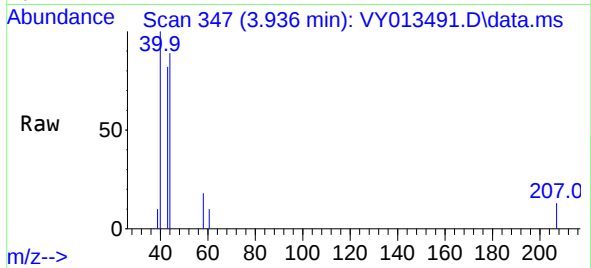




#16
Acetone
Concen: 5.240 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

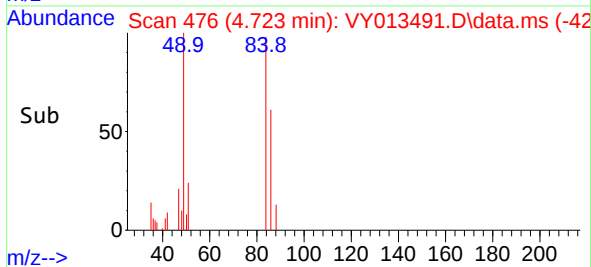
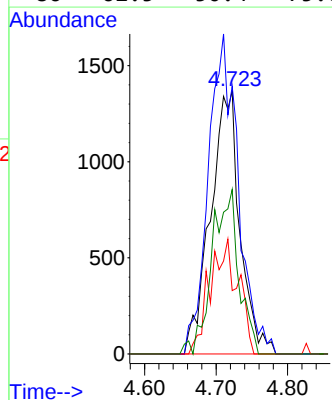
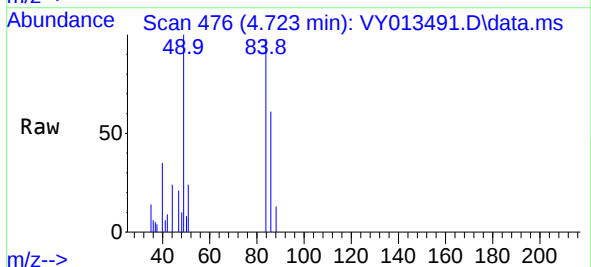
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

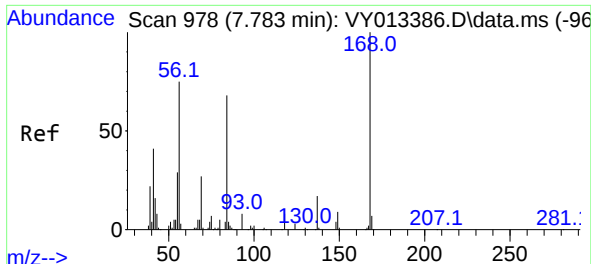
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 21.8 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 84 Resp: 3929
Ion Ratio Lower Upper
84 100
49 101.8 88.0 132.0
51 24.1 27.4 41.0#
86 62.5 50.4 75.6

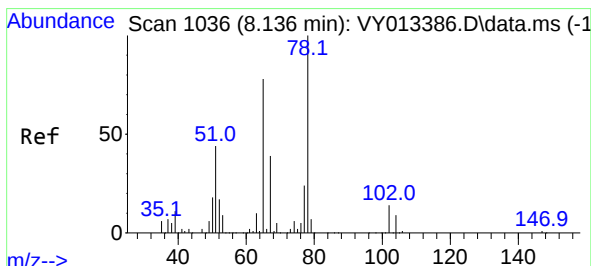
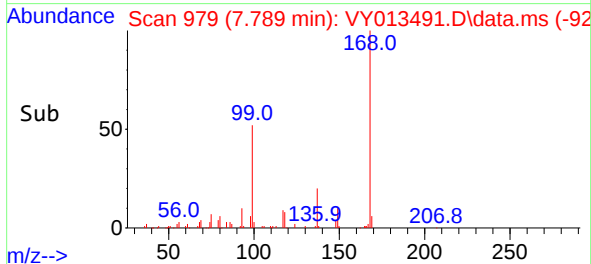
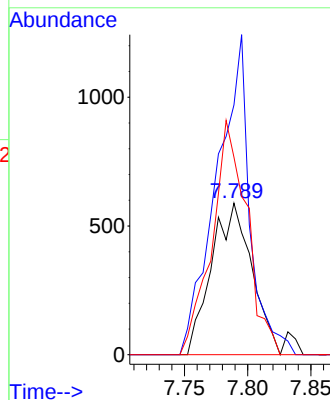
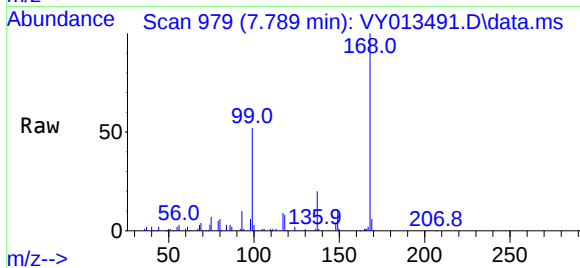




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

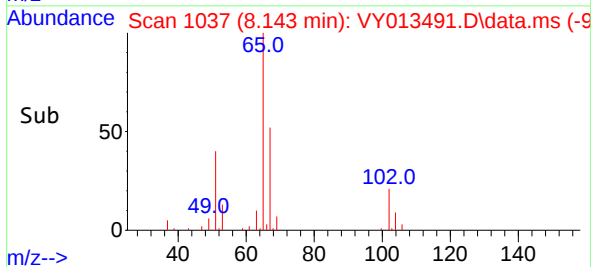
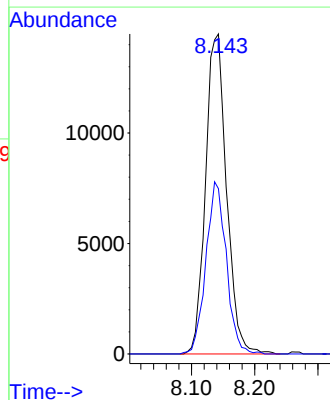
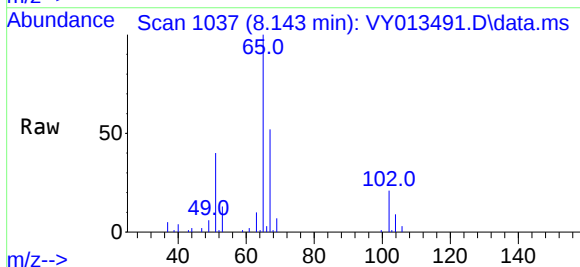
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

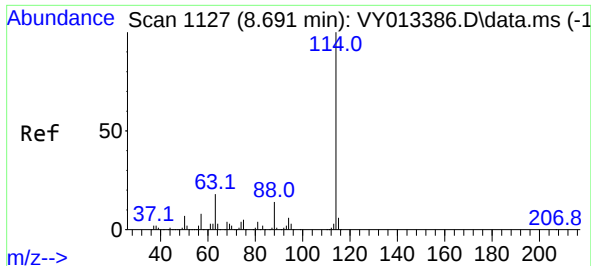
Tgt Ion: 56 Resp: 1311
Ion Ratio Lower Upper
56 100
69 164.7 29.2 43.8#
84 130.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 59.427 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 65 Resp: 33436
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

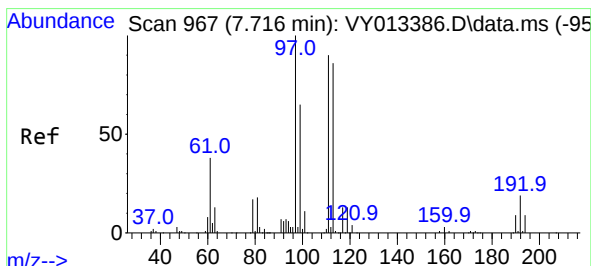
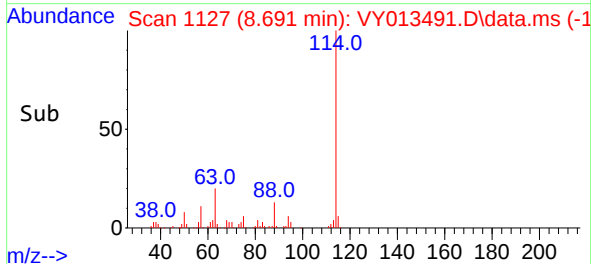
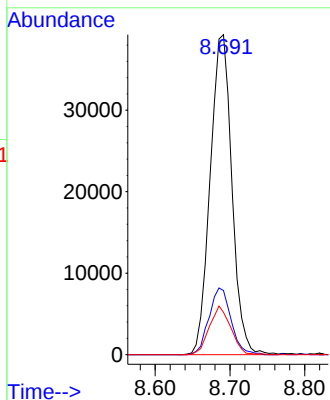
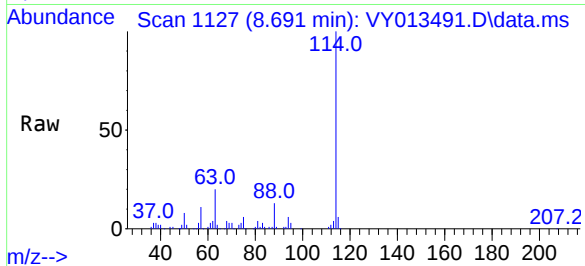




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

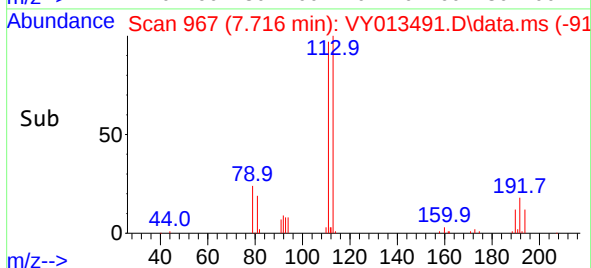
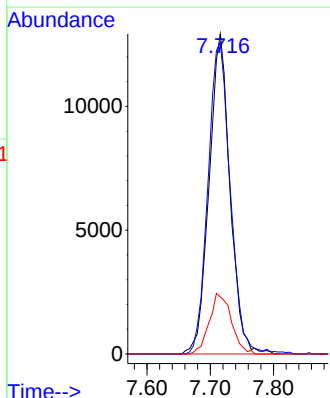
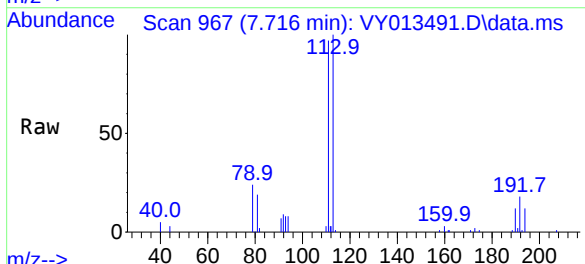
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

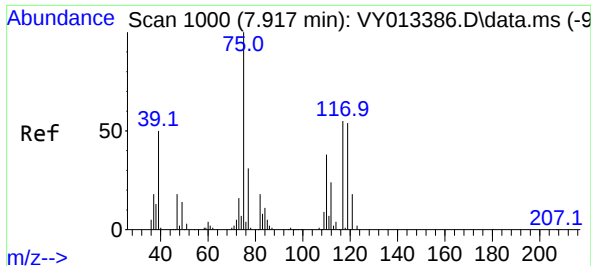
Tgt Ion:	114	Resp:	79440
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	36.6
88	13.2	0.0	28.8



#35
Dibromofluoromethane
Concen: 59.194 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion:	113	Resp:	29576
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.2
192	20.0	16.7	25.1

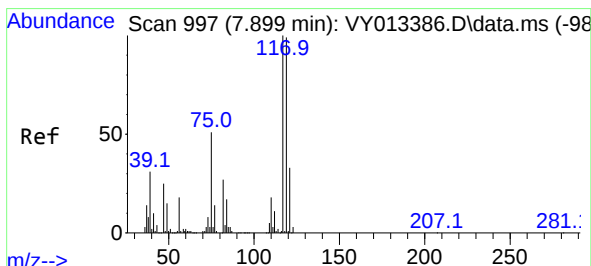
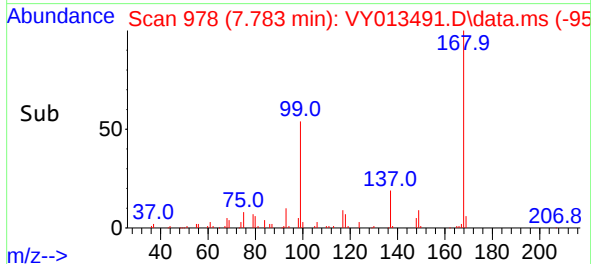
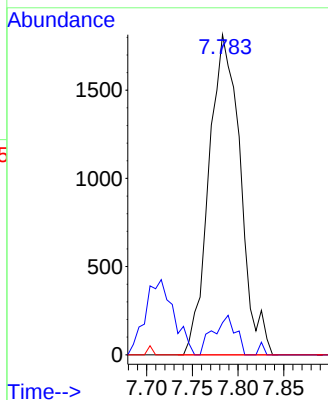
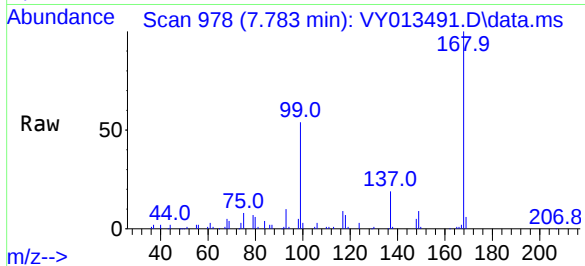




#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

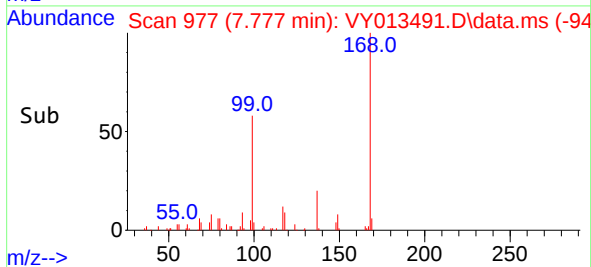
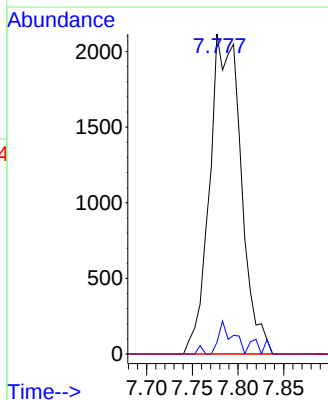
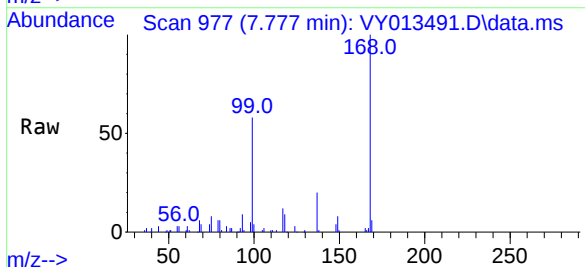
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

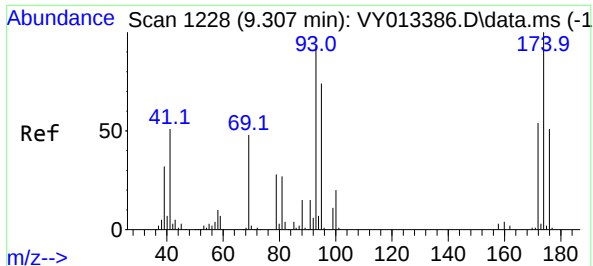
Tgt Ion: 75 Resp: 4332
Ion Ratio Lower Upper
75 100
110 8.7 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Tgt Ion: 117 Resp: 5043
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 4.790 ug/l

RT: 9.405 min Scan# 1244

Delta R.T. 0.098 min

Lab File: VY013491.D

Acq: 27 Apr 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP1

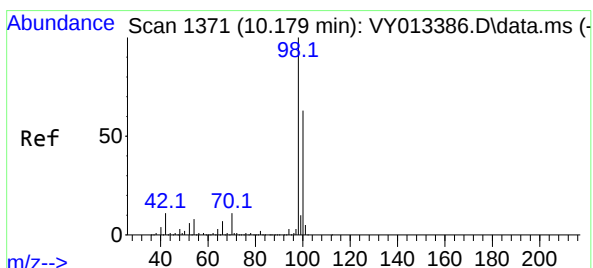
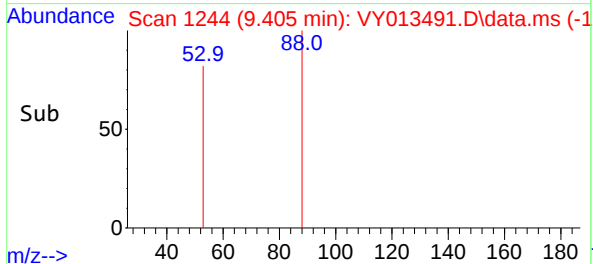
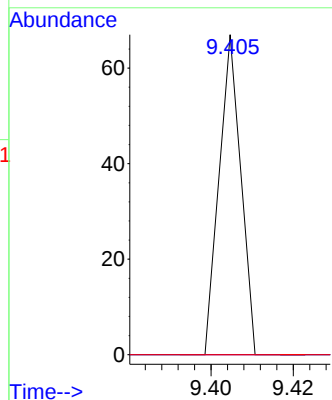
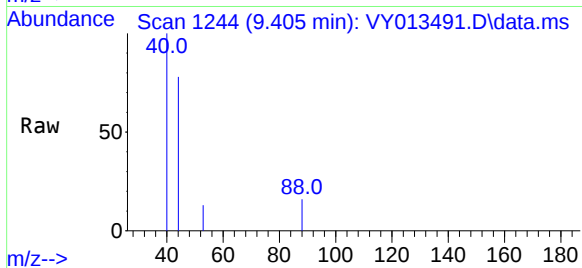
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 52.856 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013491.D

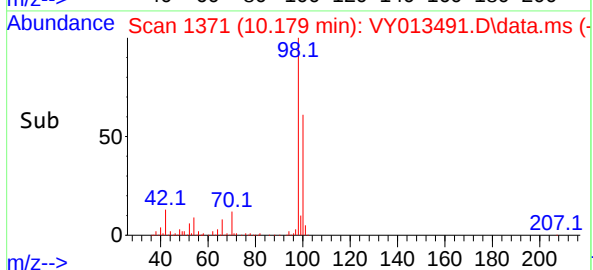
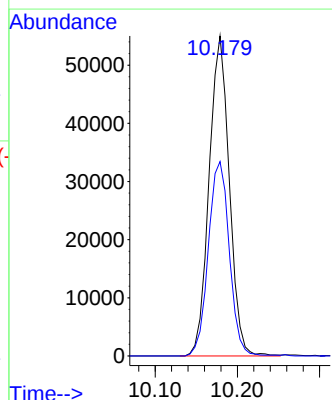
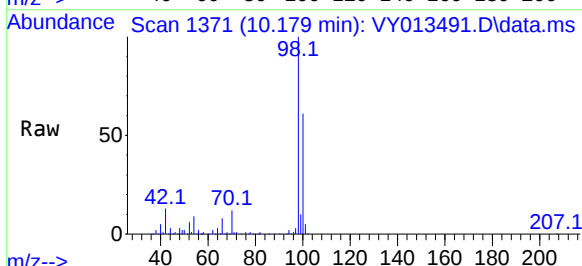
Acq: 27 Apr 2023 14:56

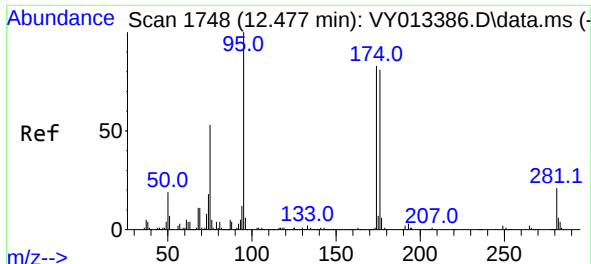
Tgt Ion: 98 Resp: 93947

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

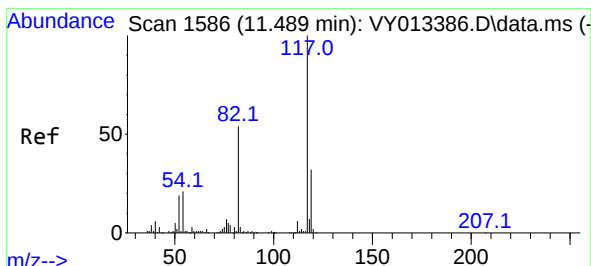
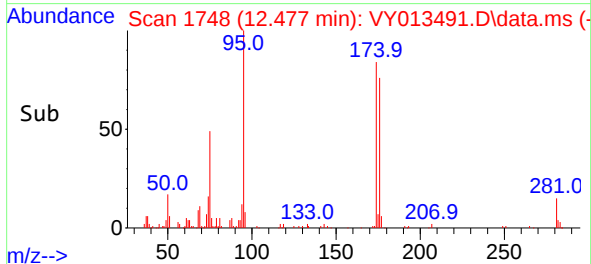
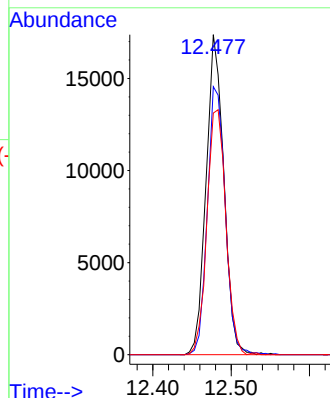
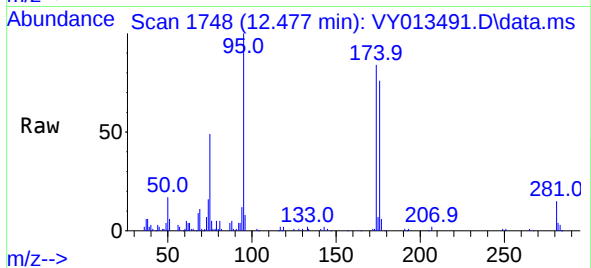




#62
4-Bromofluorobenzene
Concen: 45.525 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

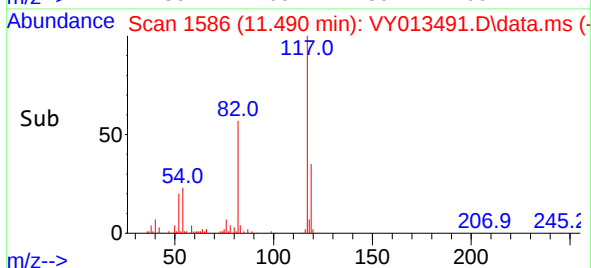
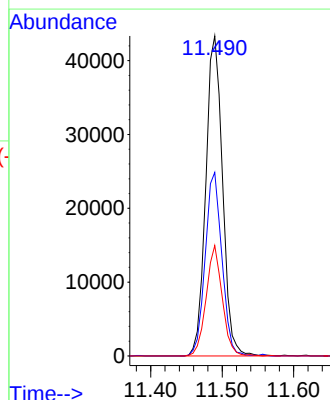
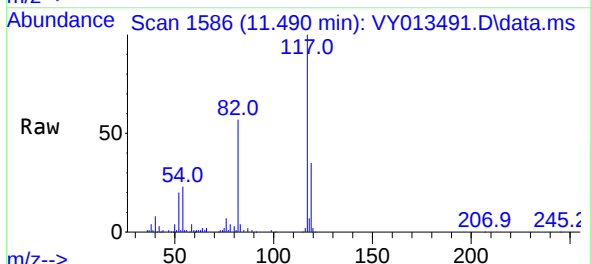
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

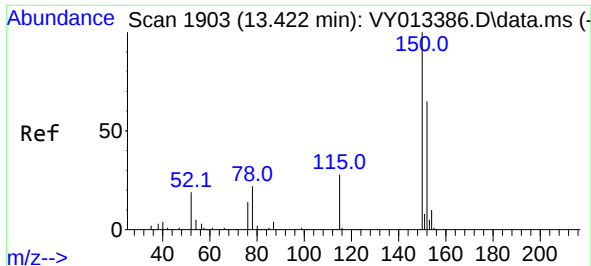
Tgt Ion:	95	Resp:	27279
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	182.0
176	81.7	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

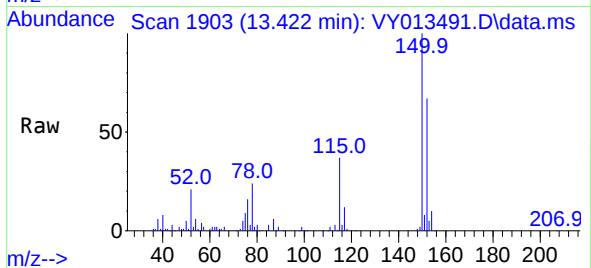
Tgt Ion:	117	Resp:	70595
Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.0	64.6
119	34.5	25.5	38.3



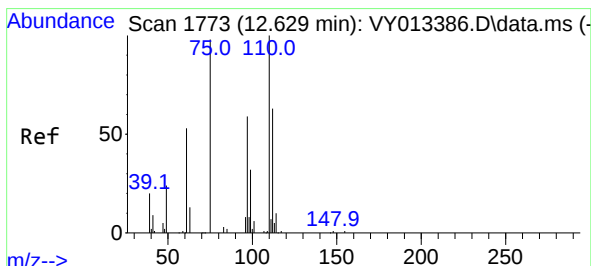
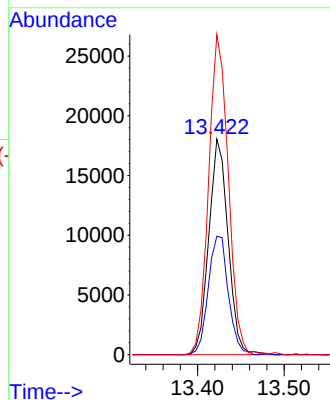
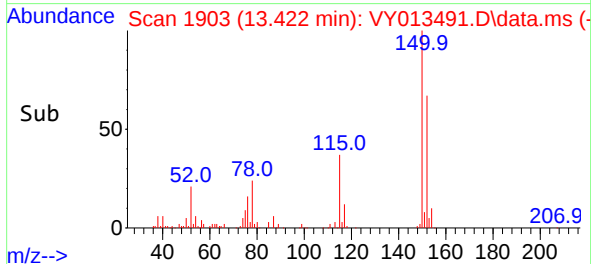


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

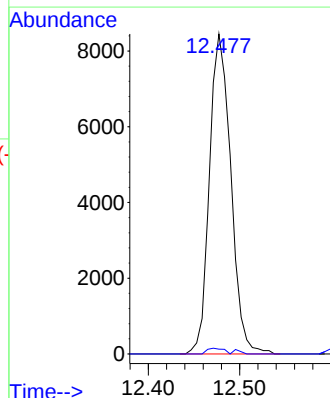
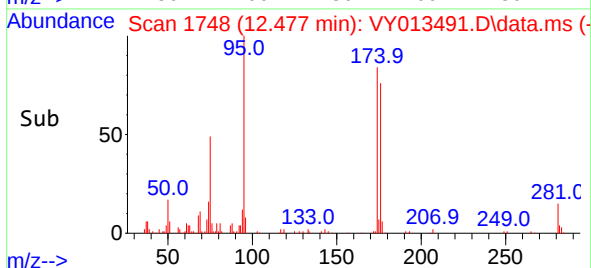
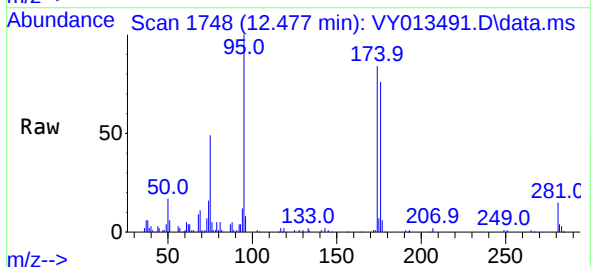


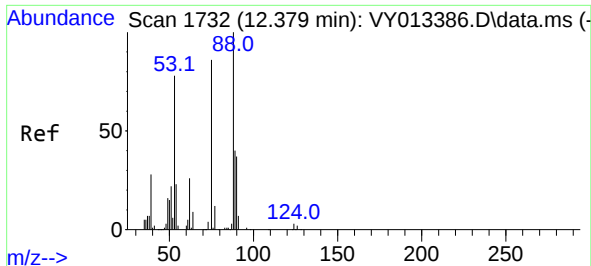
Tgt Ion:152 Resp: 27893
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.2
150 151.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 36.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

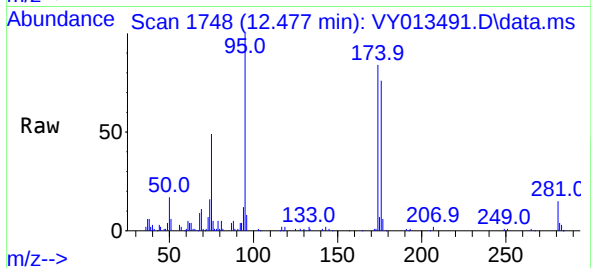
Tgt Ion: 75 Resp: 13741
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.721 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013491.D
Acq: 27 Apr 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1



Tgt Ion:	75	Resp:	13741
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	1.1	38.0	57.0#

