

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007782.D
 Acq On : 08 Mar 2022 16:04
 Operator : SY/MD
 Sample : N1833-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:27:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

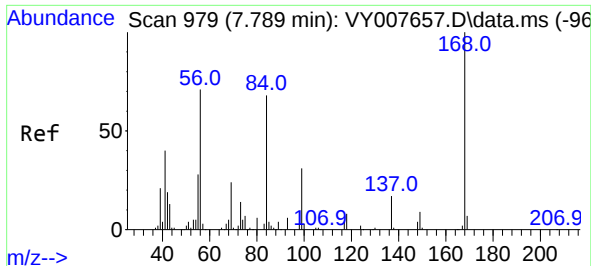
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	252560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	377784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142968	54.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 108.140%		
35) Dibromofluoromethane	7.722	113	138156	52.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 104.980%		
50) Toluene-d8	10.179	98	492082	50.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 101.580%		
62) 4-Bromofluorobenzene	12.483	95	148874	47.669	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 95.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	20	Below Cal	#	43
3) Chloromethane	2.113	50	2408	Below Cal	#	82
13) Acrolein	3.912	56	34	Below Cal	#	14
16) Acetone	3.960	43	2845	5.289	ug/l #	76
17) Carbon Disulfide	4.198	76	1661	Below Cal	#	75
18) Methyl Acetate	4.491	43	130	Below Cal	#	56
20) Methylene Chloride	4.722	84	20923	4.113	ug/l #	81
31) Cyclohexane	7.783	56	5797	Below Cal	#	34
36) 1,1-Dichloropropene	7.795	75	19337	4.670	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24501	5.547	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	85541	43.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85541	88.373	ug/l #	7

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

Quant Time: Mar 09 00:27:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

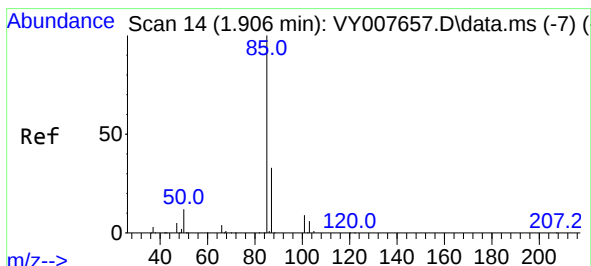
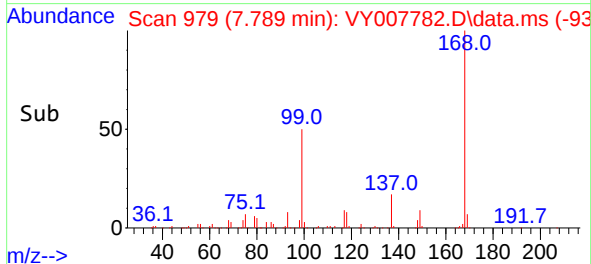
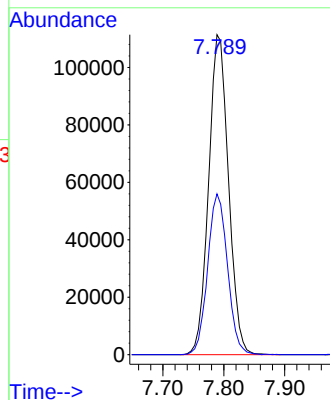
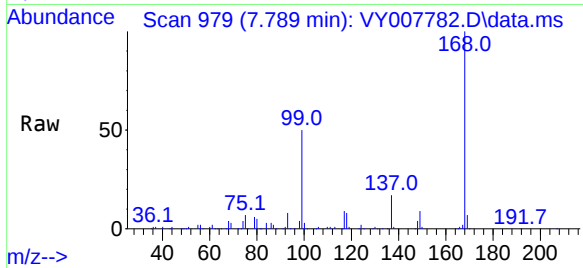




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

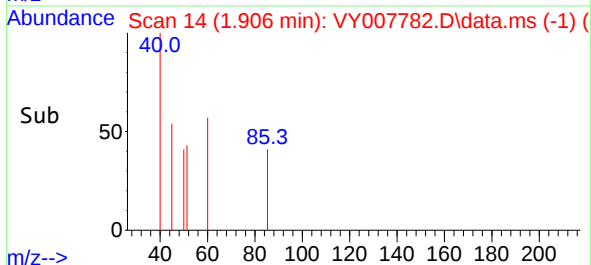
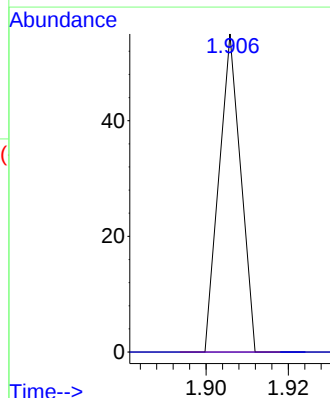
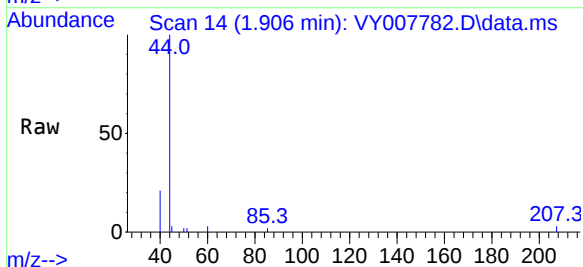
Instrument :
MSVOA_Y
ClientSampleId :

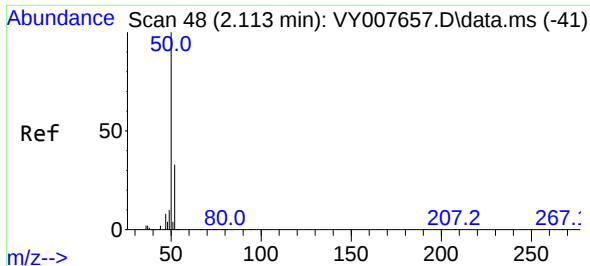
Tgt Ion:168 Resp: 252560
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

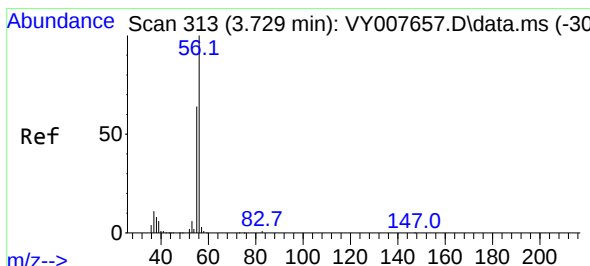
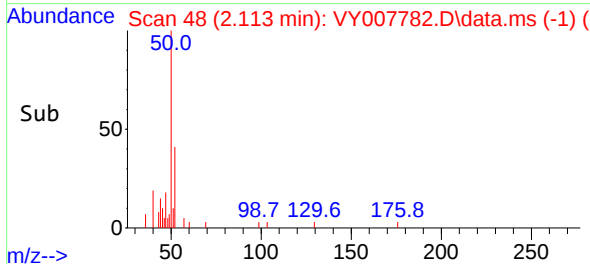
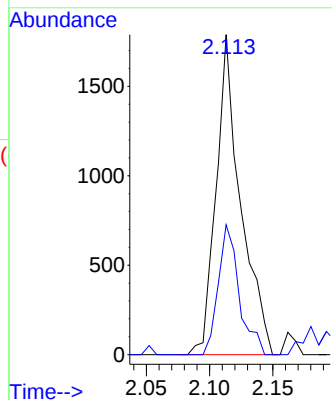
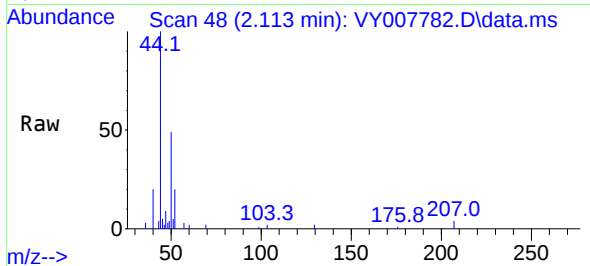




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

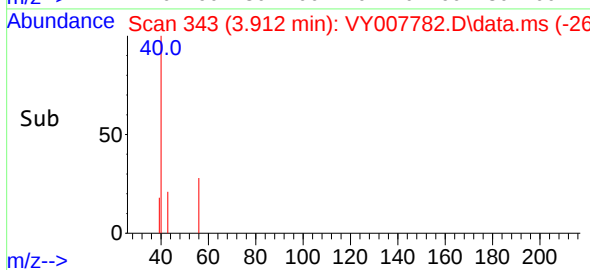
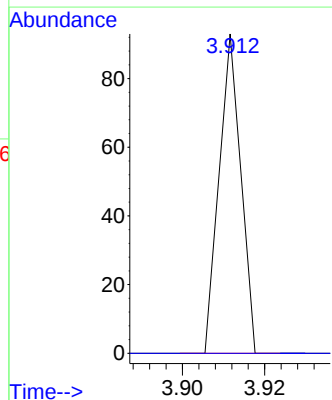
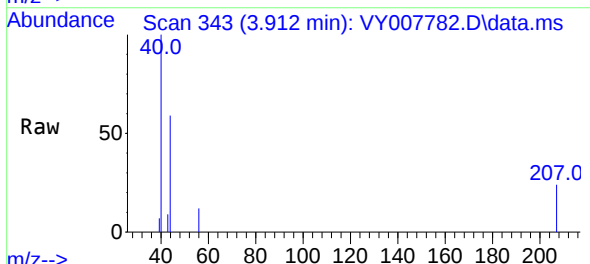
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 2408
Ion Ratio Lower Upper
50 100
52 40.6 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.912 min Scan# 343
Delta R.T. 0.183 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion: 56 Resp: 34
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

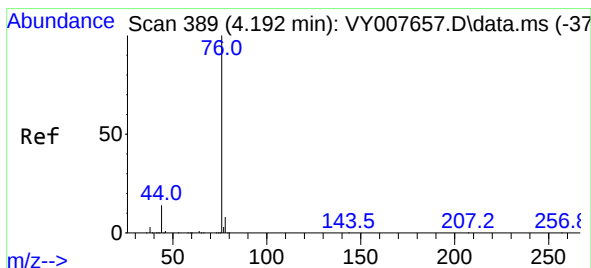
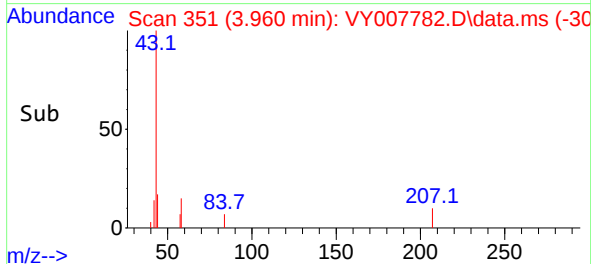
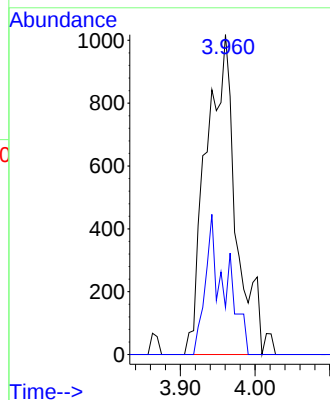
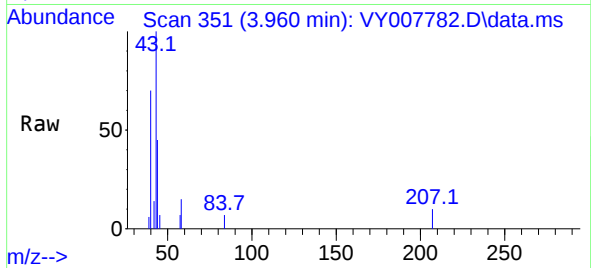




#16
Acetone
Concen: 5.289 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

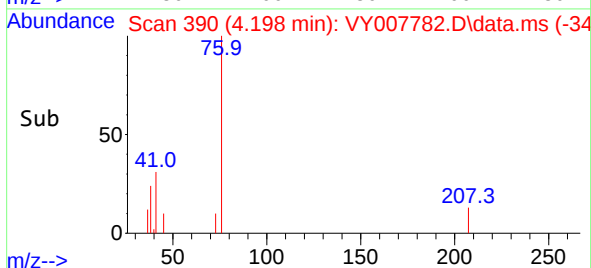
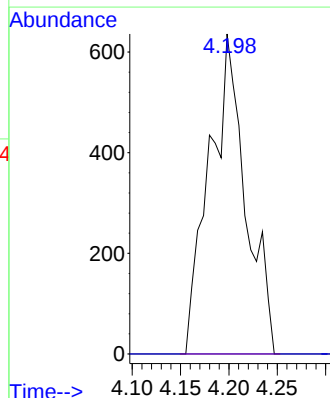
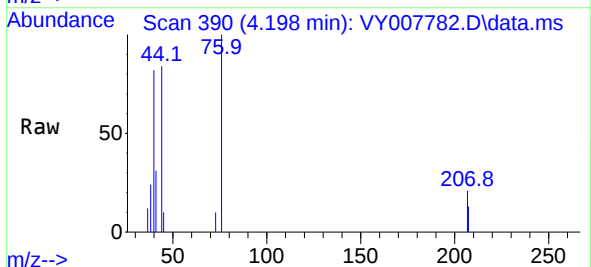
Instrument :
MSVOA_Y
ClientSampleId :

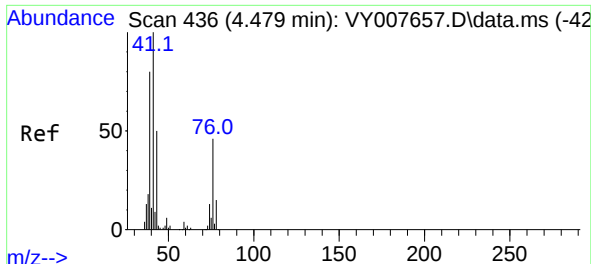
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 14.7 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion: 76 Resp: 1661
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

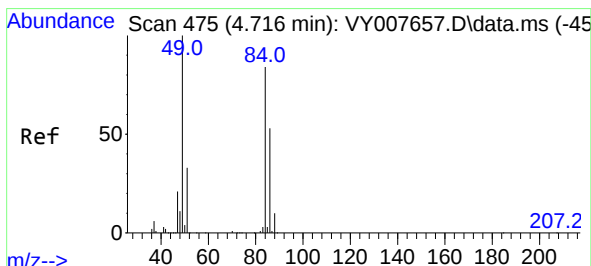
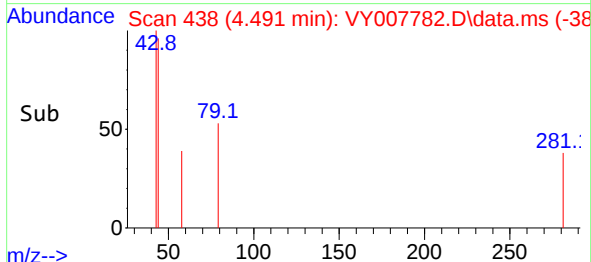
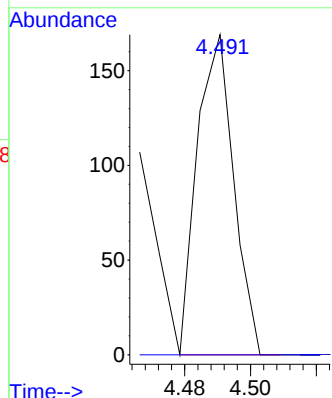
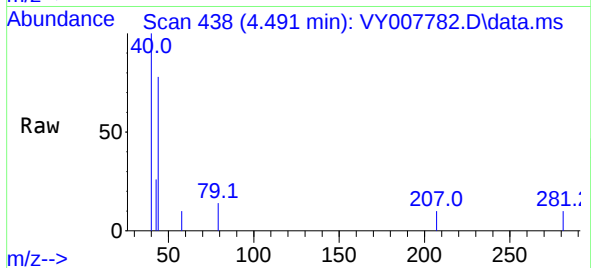




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

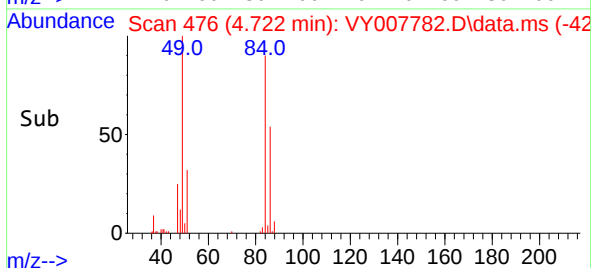
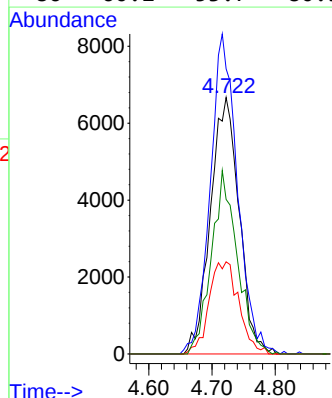
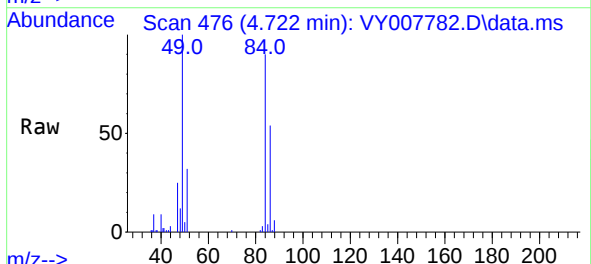
Instrument :
MSVOA_Y
ClientSampleId :

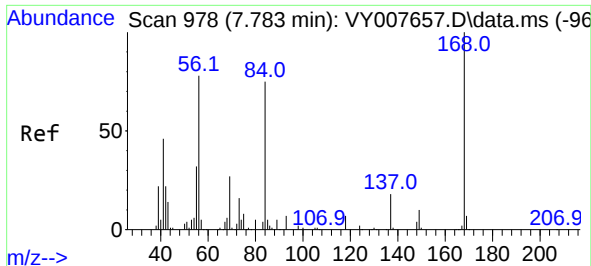
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.113 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

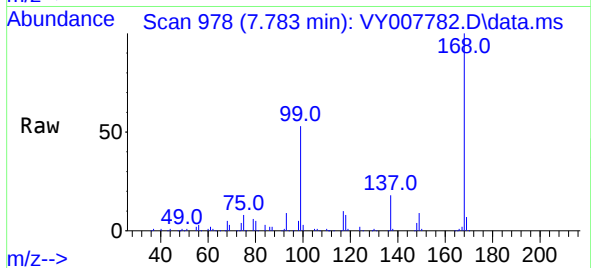
Tgt Ion: 84 Resp: 20923
Ion Ratio Lower Upper
84 100
49 111.1 114.4 171.6#
51 35.9 35.3 52.9
86 60.2 53.7 80.5



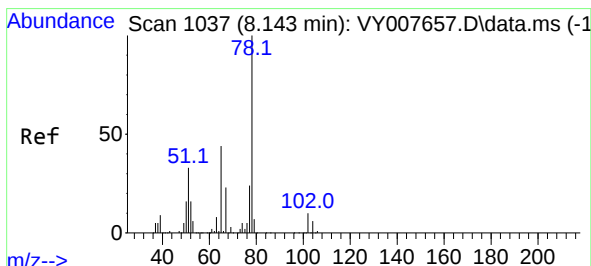
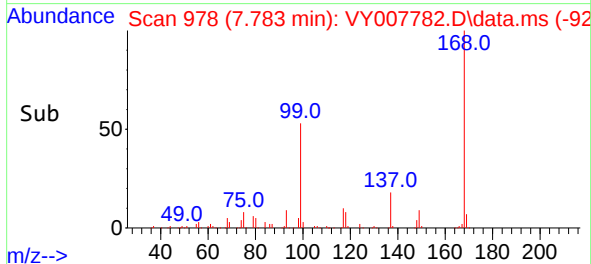
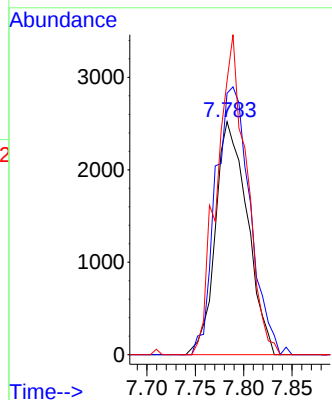


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :

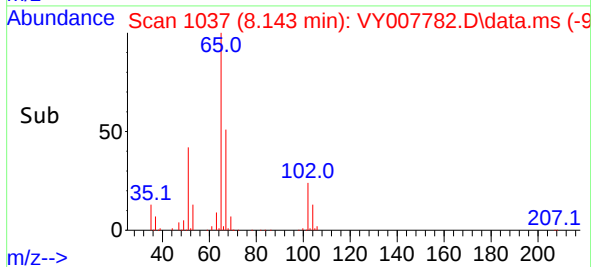
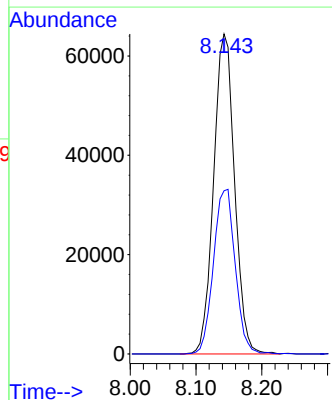
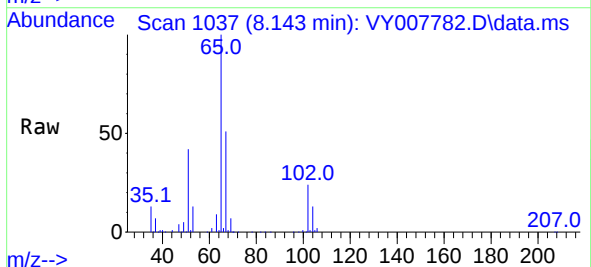


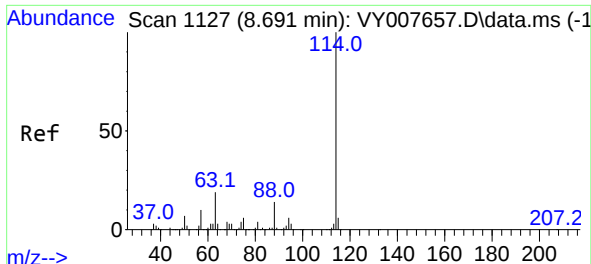
Tgt Ion: 56 Resp: 5797
Ion Ratio Lower Upper
56 100
69 112.2 26.7 40.1#
84 117.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.071 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion: 65 Resp: 142968
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007782.D

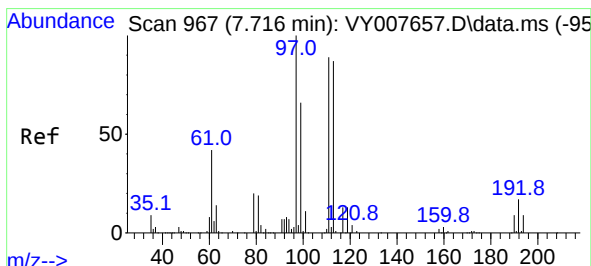
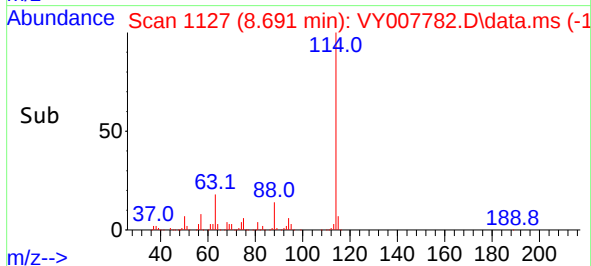
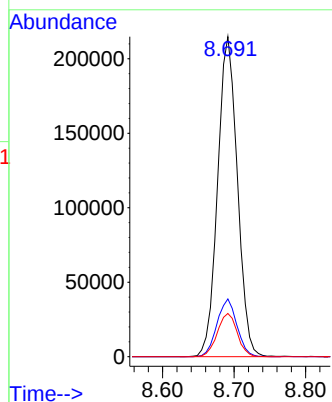
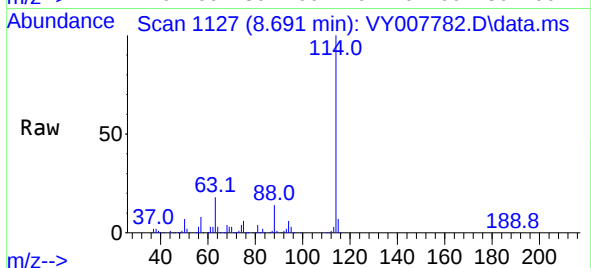
Acq: 08 Mar 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	411686
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	43.2
88	13.5	0.0	31.8



#35

Dibromofluoromethane

Concen: 52.490 ug/l

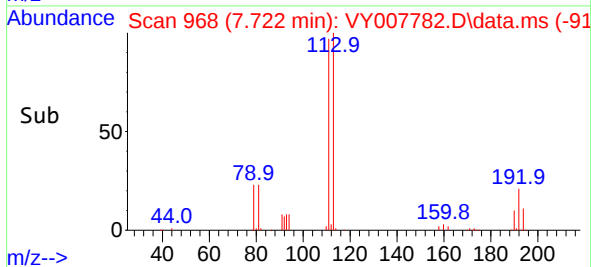
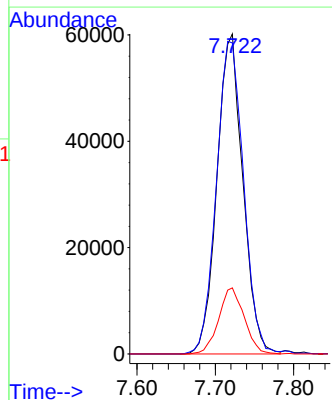
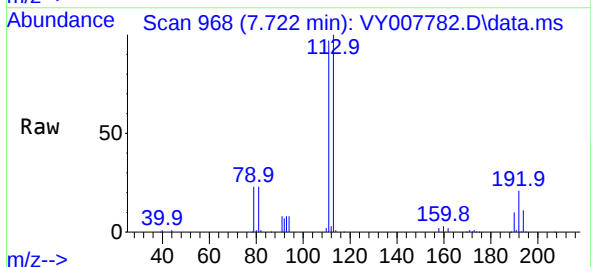
RT: 7.722 min Scan# 968

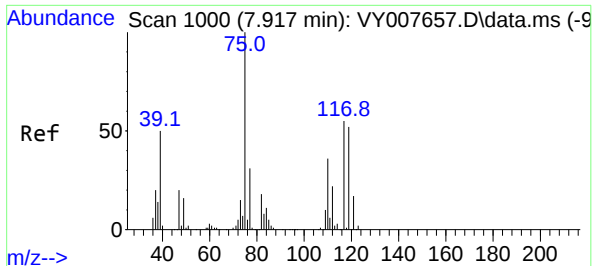
Delta R.T. 0.006 min

Lab File: VY007782.D

Acq: 08 Mar 2022 16:04

Tgt Ion:	113	Resp:	138156
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.6	124.0
192	20.3	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007782.D

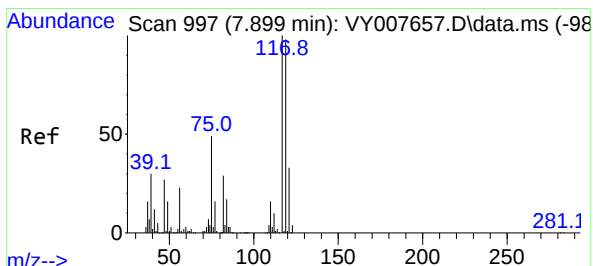
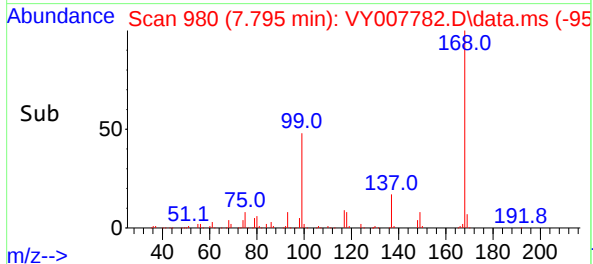
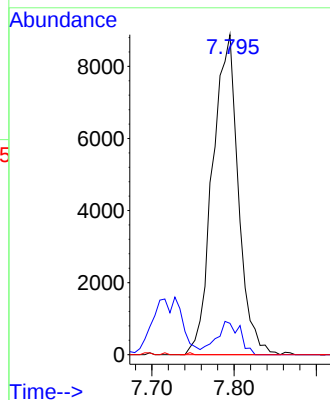
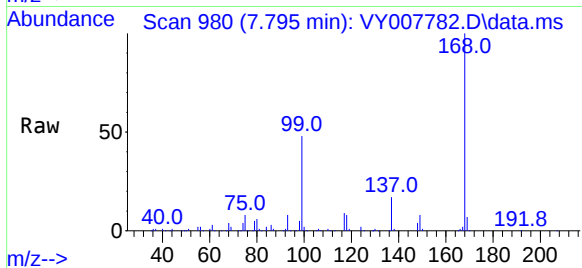
Acq: 08 Mar 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	19337
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.547 ug/l

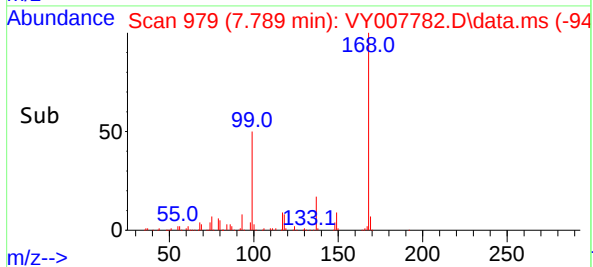
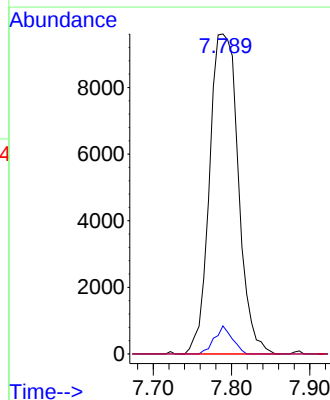
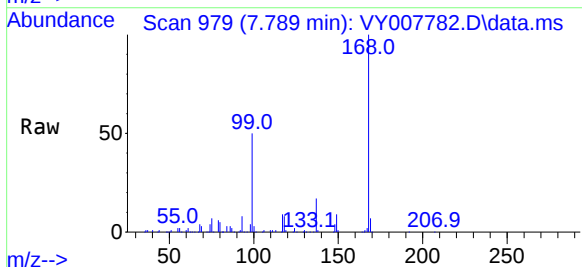
RT: 7.789 min Scan# 979

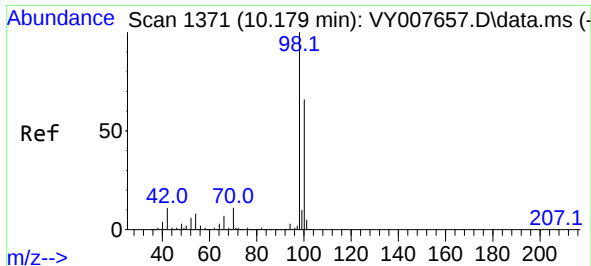
Delta R.T. -0.110 min

Lab File: VY007782.D

Acq: 08 Mar 2022 16:04

Tgt Ion:	117	Resp:	24501
Ion	Ratio	Lower	Upper
117	100		
119	8.8	77.9	116.9#
121	0.0	24.8	37.2#

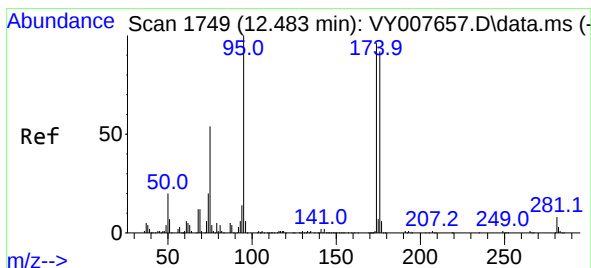
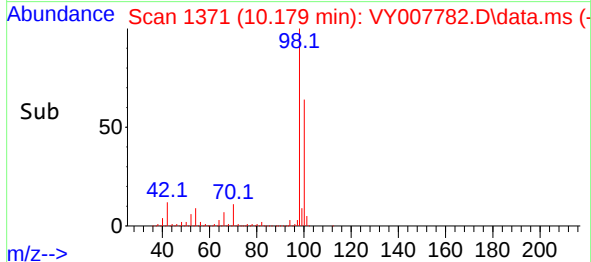
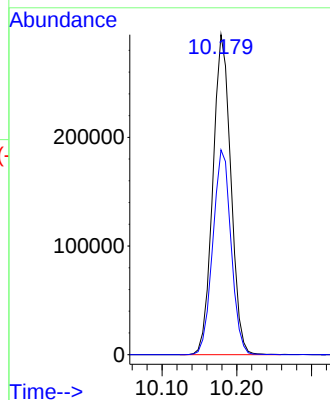
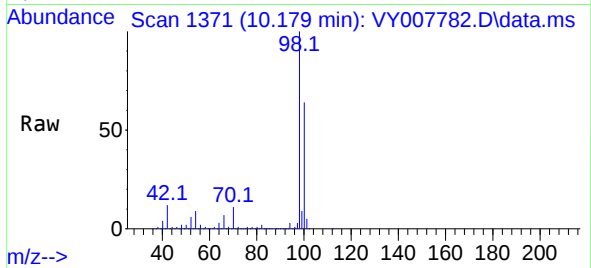




#50
Toluene-d8
Concen: 50.789 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

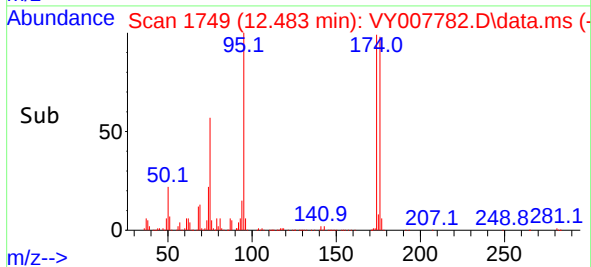
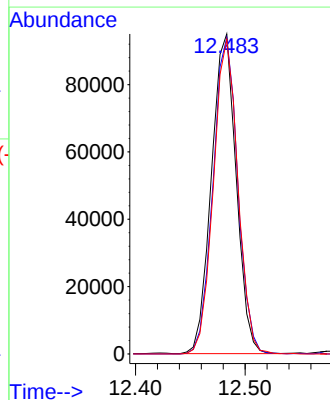
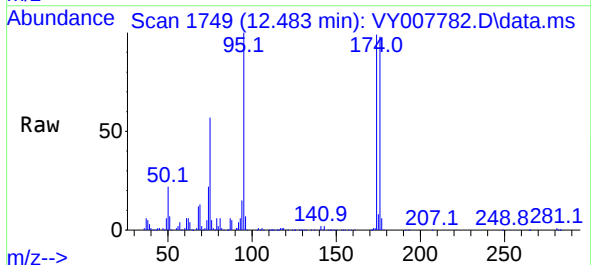
Instrument :
MSVOA_Y
ClientSampleId :

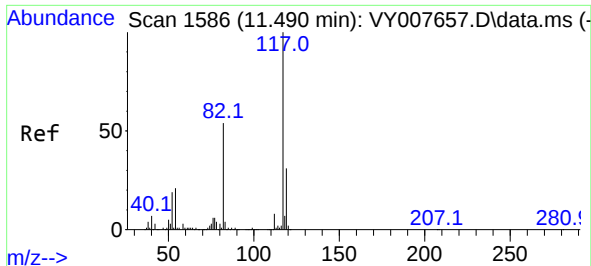
Tgt Ion: 98 Resp: 492082
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

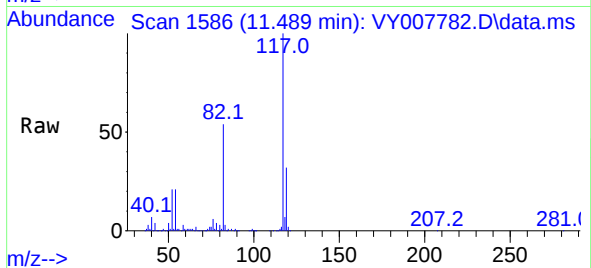
Tgt Ion: 95 Resp: 148874
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 96.9 0.0 175.8



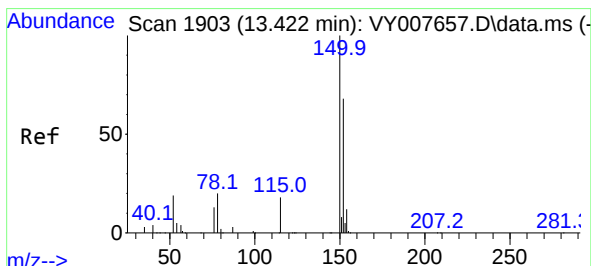
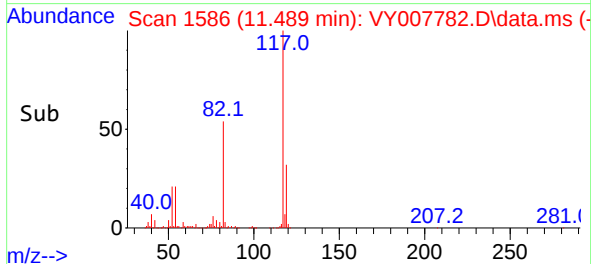
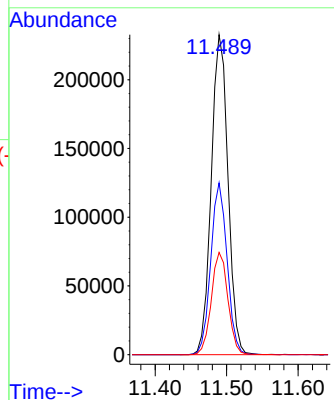


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :

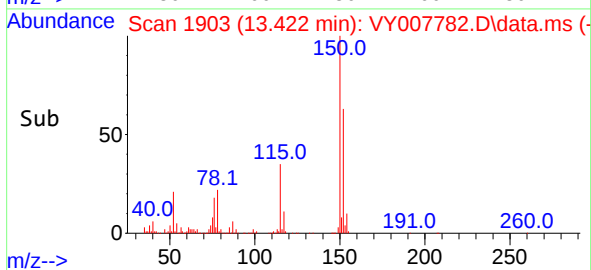
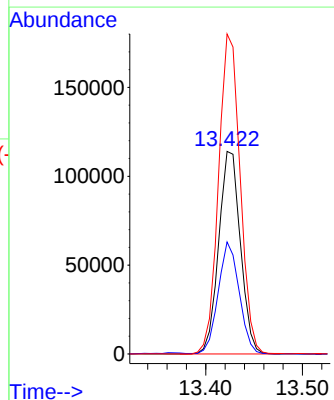
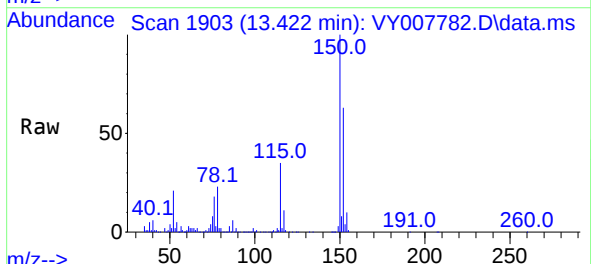


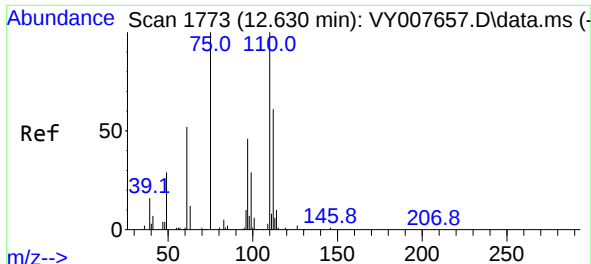
Tgt Ion:117 Resp: 377784
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion:152 Resp: 177196
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 157.4 0.0 347.6

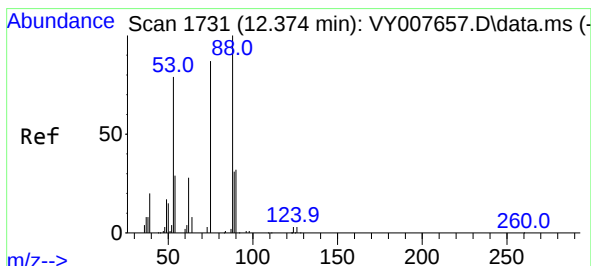
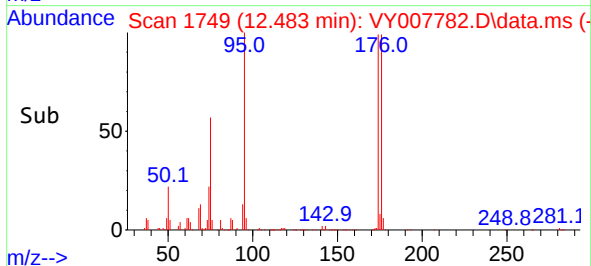
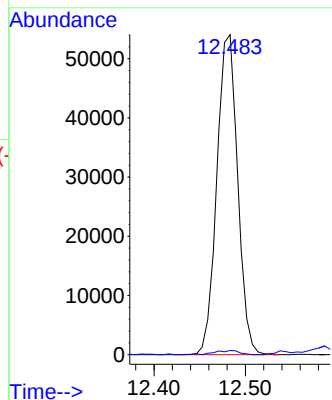
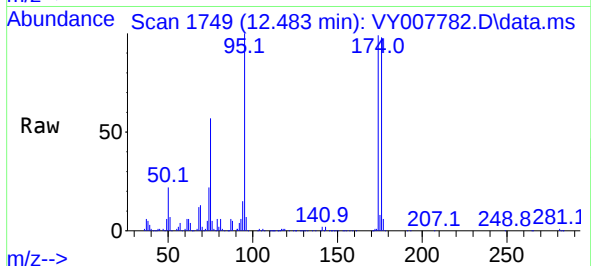




#76
1,2,3-Trichloropropane
Concen: 43.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85541
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.373 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007782.D
Acq: 08 Mar 2022 16:04

Tgt Ion: 75 Resp: 85541
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

