

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013576.D
 Acq On : 03 May 2023 13:03
 Operator : KP/MD
 Sample : 02558-08
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-1218-01

Quant Time: May 03 15:40:48 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)

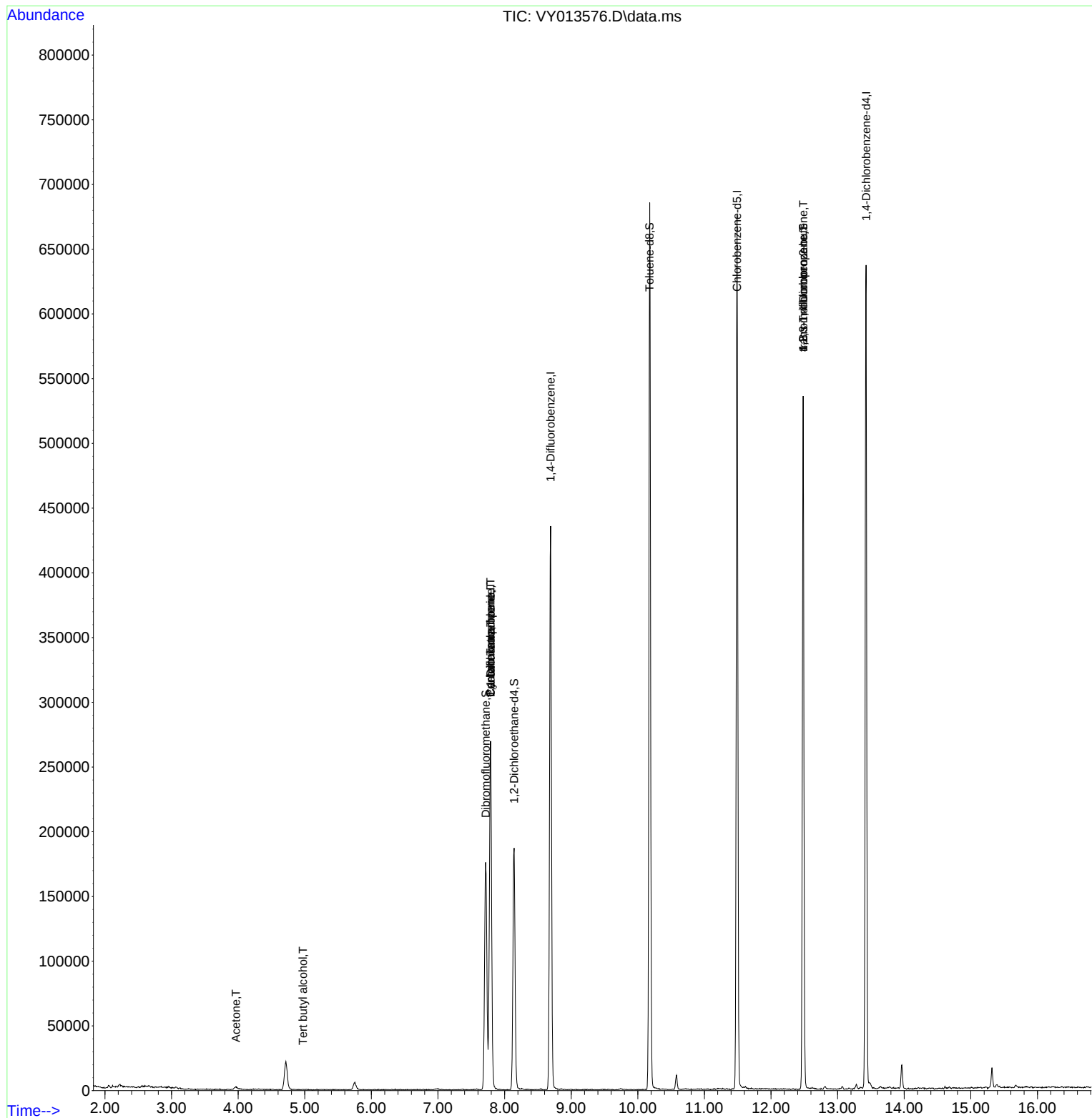
Internal Standards						
1) Pentafluorobenzene	7.789	168	212002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	153047	65.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.700%	
35) Dibromofluoromethane	7.715	113	123165	54.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.580%	
50) Toluene-d8	10.178	98	441353	54.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.483	95	144929	53.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	145	1.202	ug/l #	89
13) Acrolein	3.661	56	53	Below Cal	#	16
16) Acetone	3.966	43	5065	5.534	ug/l	97
20) Methylene Chloride	4.716	84	15452	Below Cal	#	75
31) Cyclohexane	7.789	56	4528	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16064	4.267	ug/l #	48
38) Carbon Tetrachloride	7.789	117	20448	5.182	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	78329	35.180	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78329	71.963	ug/l #	13

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

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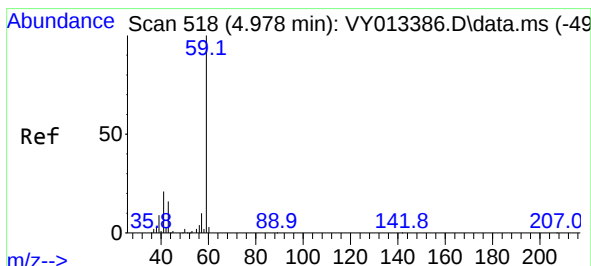
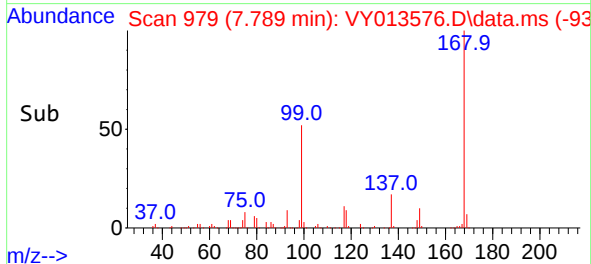
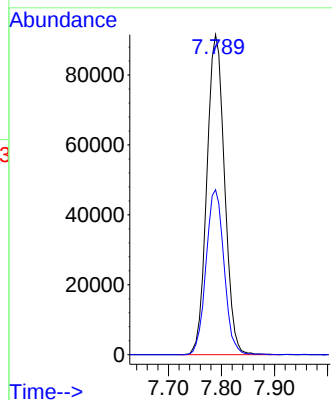
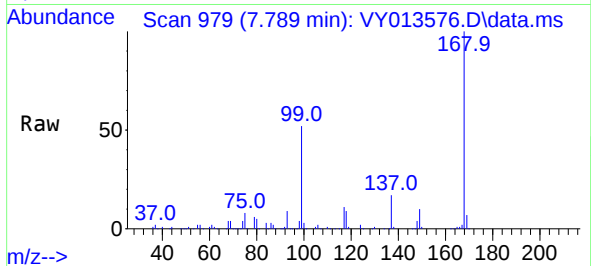




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

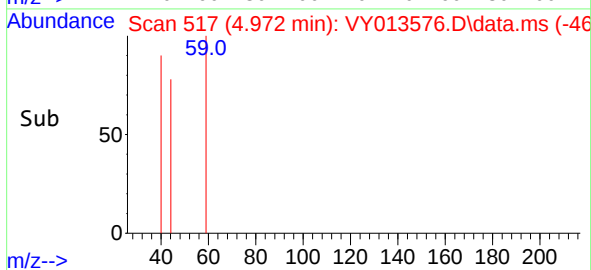
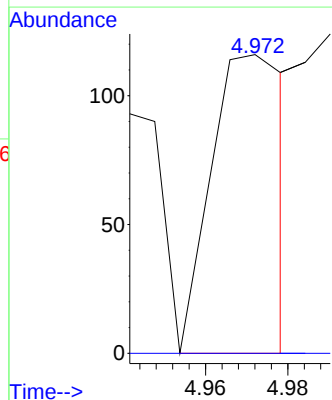
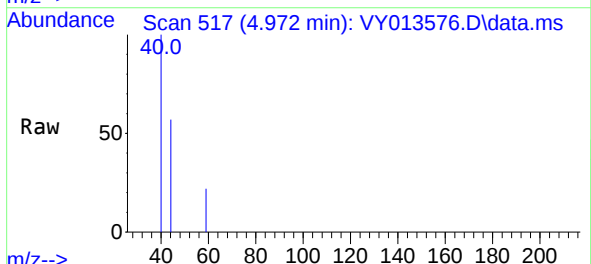
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

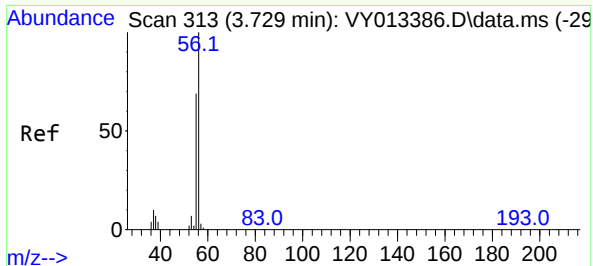
Tgt Ion:168 Resp: 212002
Ion Ratio Lower Upper
168 100
99 51.5 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.202 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

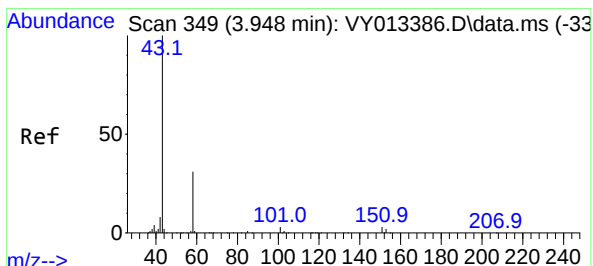
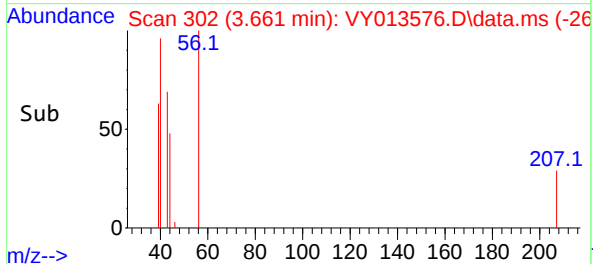
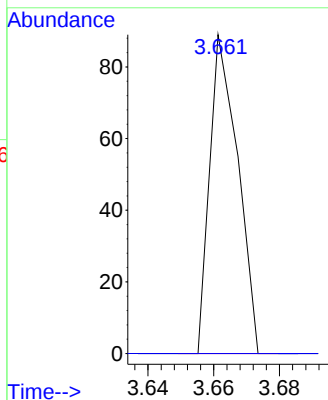
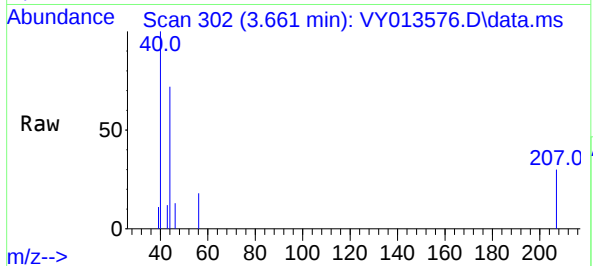




#13
Acrolein
Concen: Below Cal
RT: 3.661 min Scan# 302
Delta R.T. -0.068 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

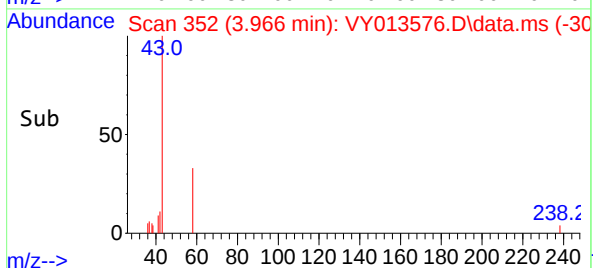
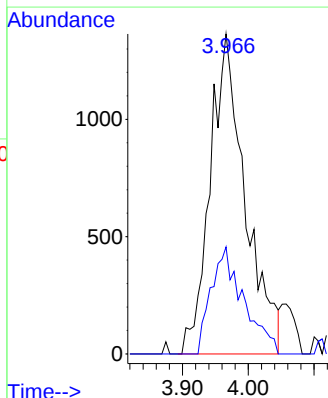
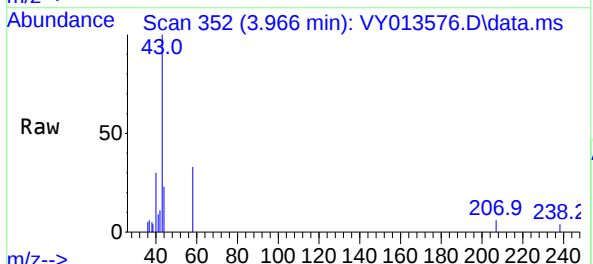
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

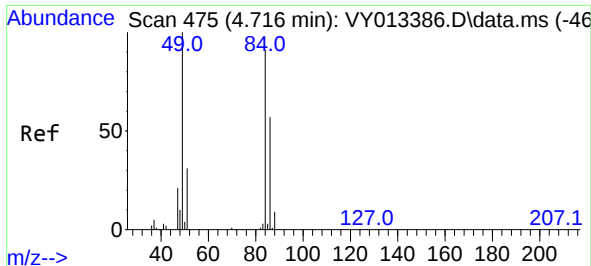
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 5.534 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

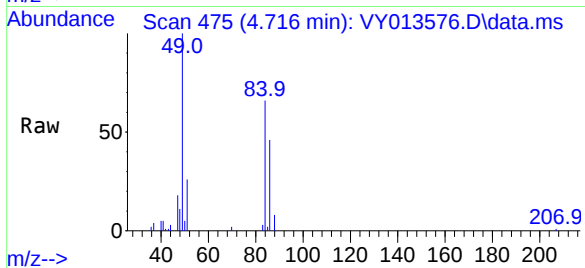
Tgt Ion: 43 Resp: 5065
Ion Ratio Lower Upper
43 100
58 33.4 25.4 38.0





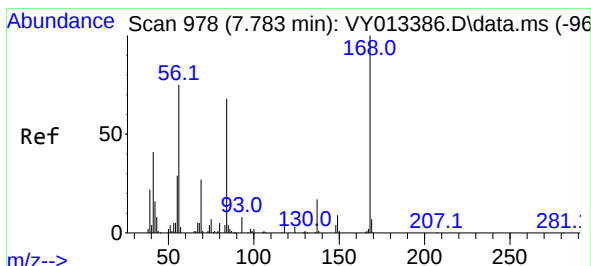
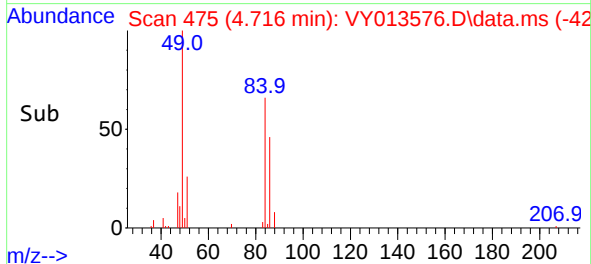
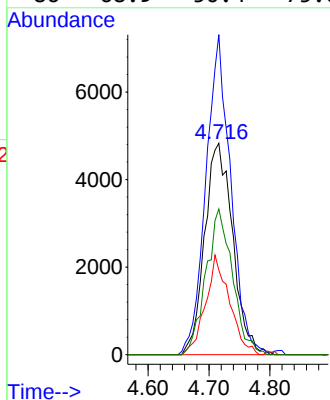
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01



Tgt Ion: 84 Resp: 15452

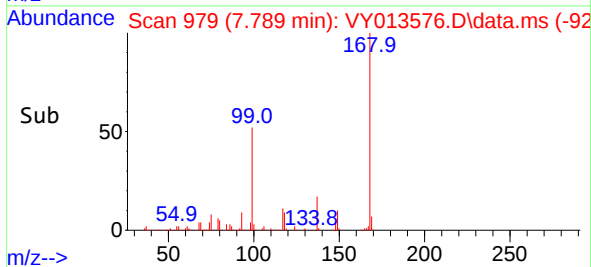
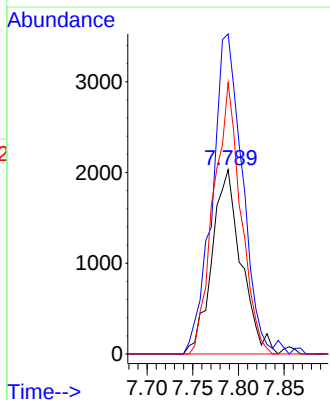
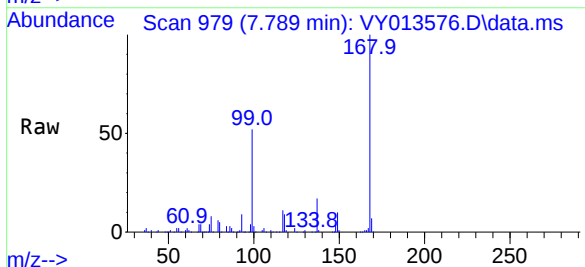
Ion	Ratio	Lower	Upper
84	100		
49	151.4	88.0	132.0#
51	40.1	27.4	41.0
86	68.9	50.4	75.6

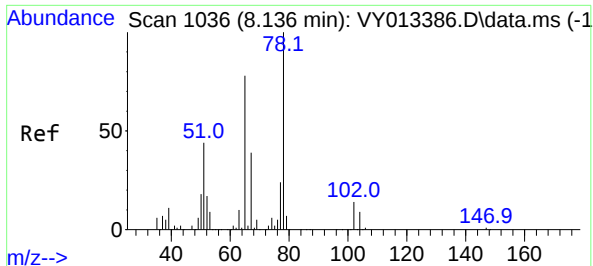


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 56 Resp: 4528

Ion	Ratio	Lower	Upper
56	100		
69	173.6	29.2	43.8#
84	152.1	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 65.855 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013576.D

Acq: 03 May 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

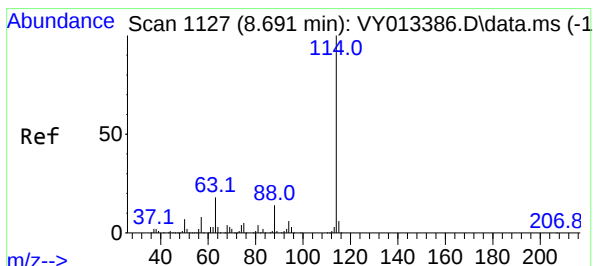
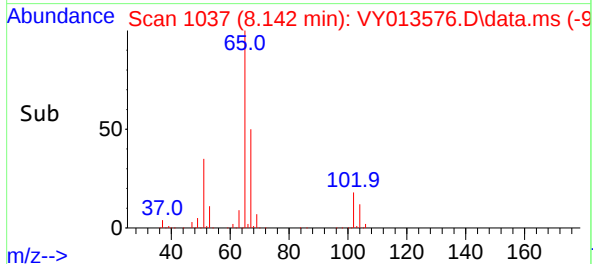
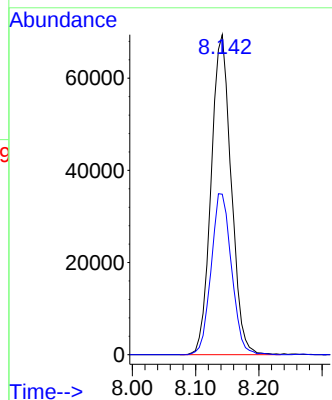
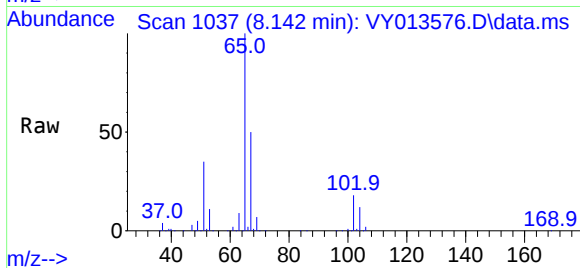
P001-SS013-1218-01

Tgt Ion: 65 Resp: 153047

Ion Ratio Lower Upper

65 100

67 51.2 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: VY013576.D

Acq: 03 May 2023 13:03

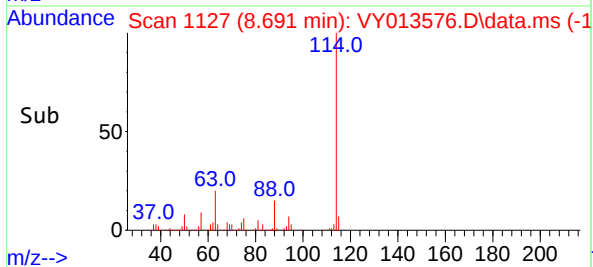
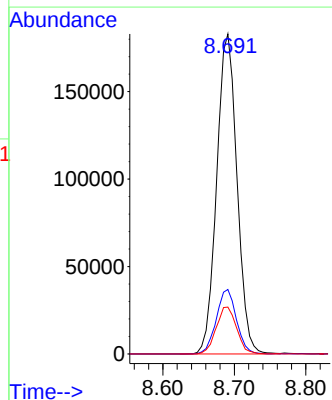
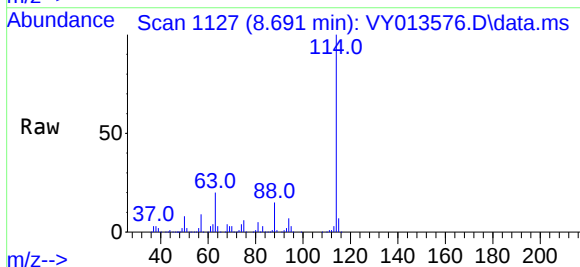
Tgt Ion: 114 Resp: 360671

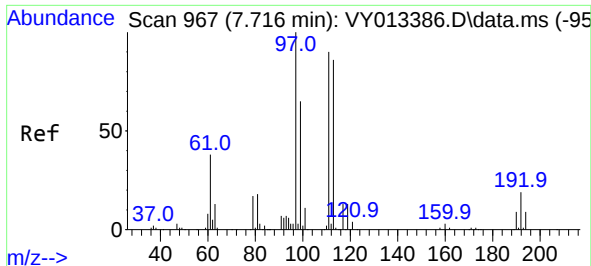
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.6

88 14.7 0.0 28.8

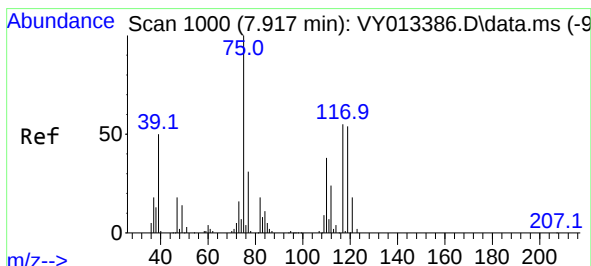
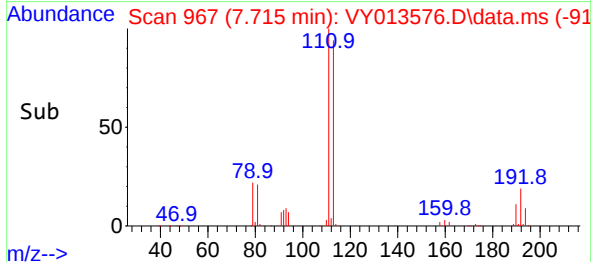
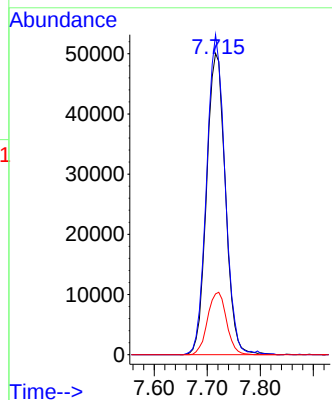
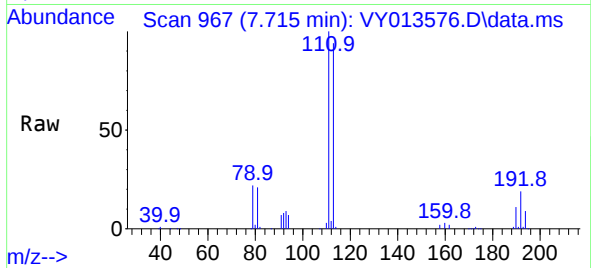




#35
Dibromofluoromethane
Concen: 54.295 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

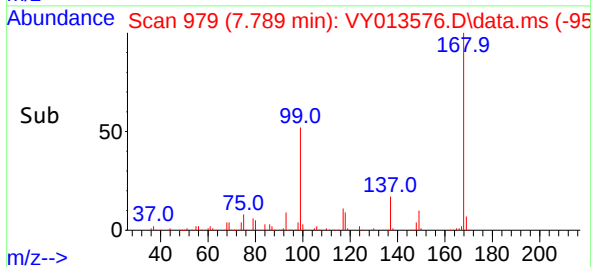
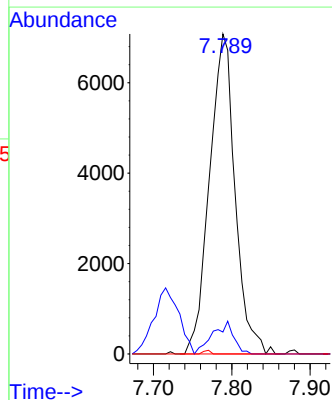
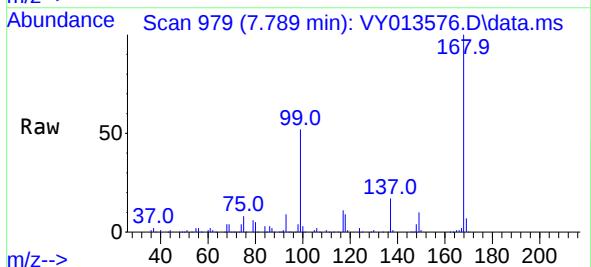
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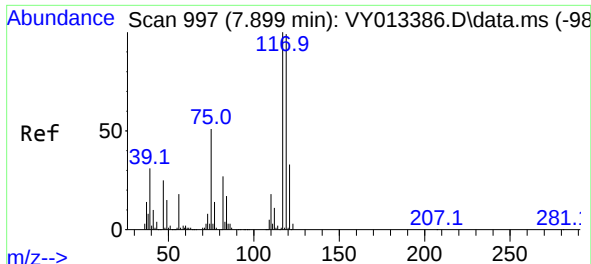
Tgt Ion:113 Resp: 123165
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.267 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

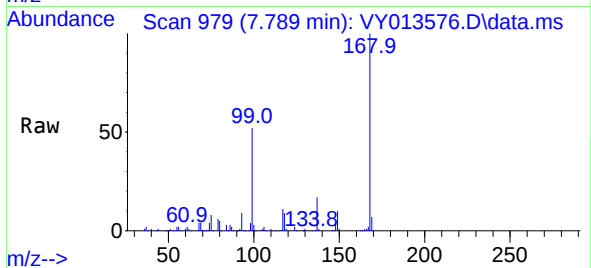
Tgt Ion: 75 Resp: 16064
Ion Ratio Lower Upper
75 100
110 8.4 18.7 56.1#
77 0.0 24.6 37.0#



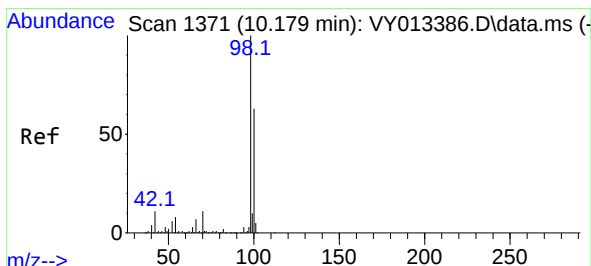
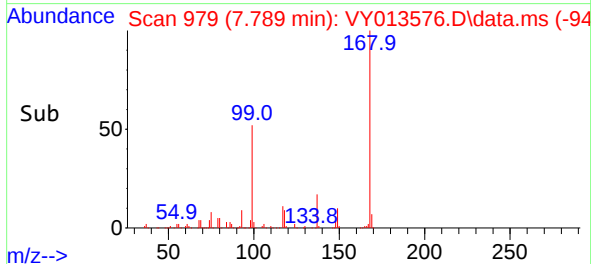
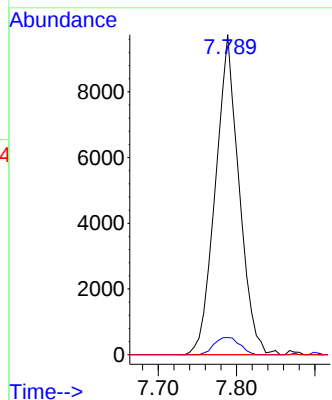


#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

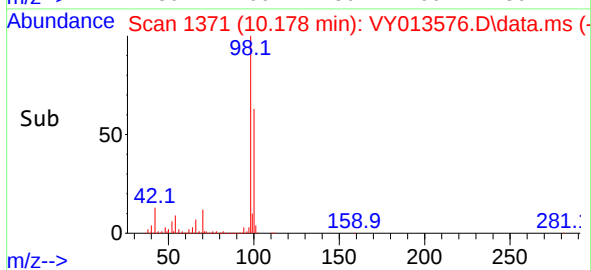
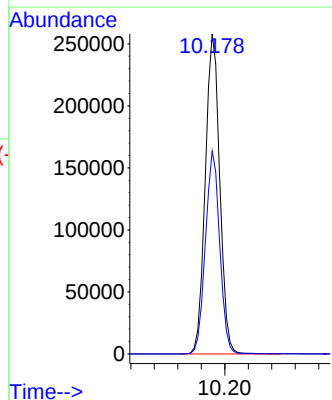
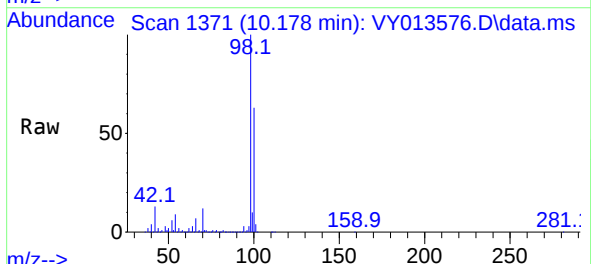


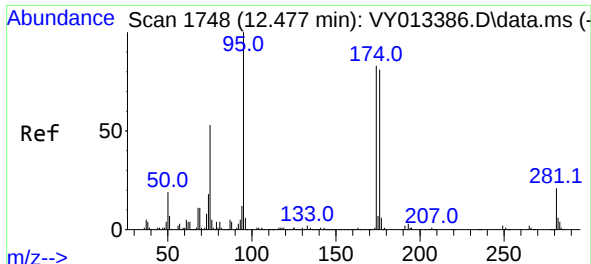
Tgt Ion:117 Resp: 20448
Ion Ratio Lower Upper
117 100
119 5.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.692 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 98 Resp: 441353
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

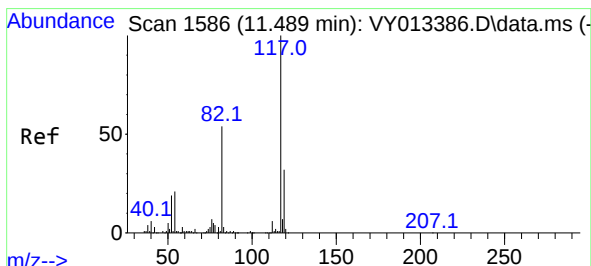
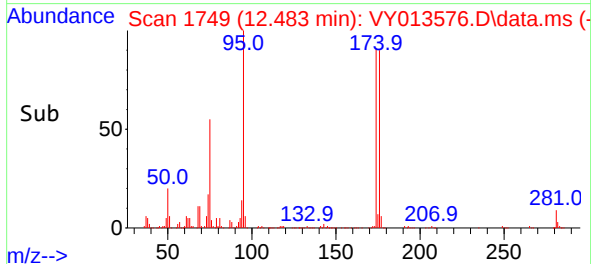
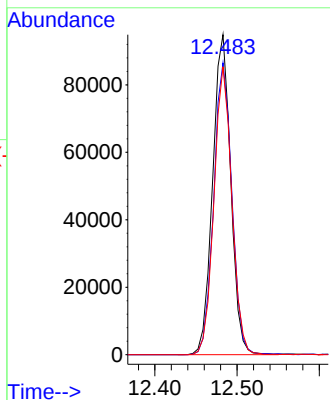
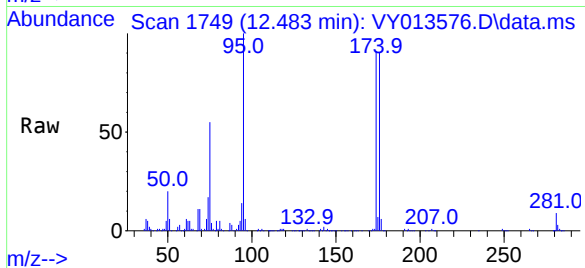




#62
4-Bromofluorobenzene
Concen: 53.272 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

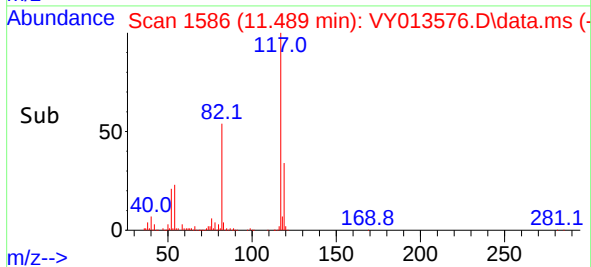
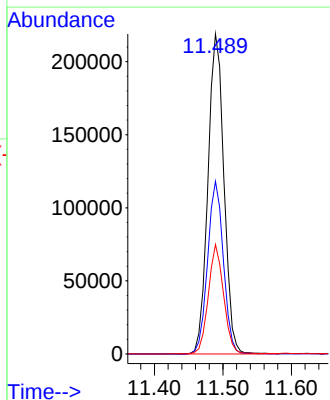
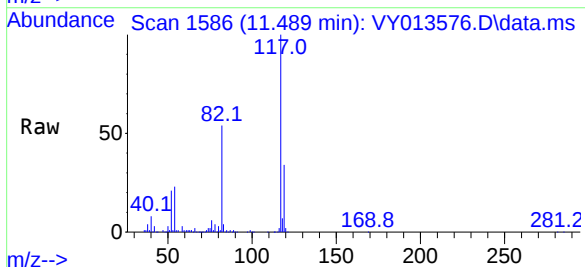
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

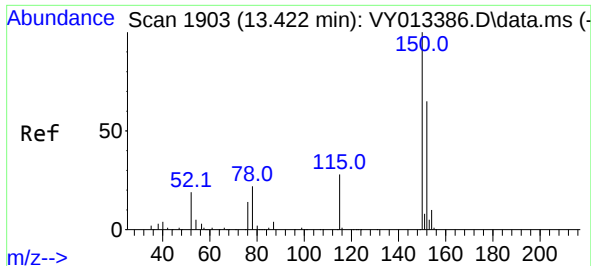
Tgt Ion: 95 Resp: 144929
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 89.0 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Tgt Ion: 117 Resp: 355542
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 34.1 25.5 38.3

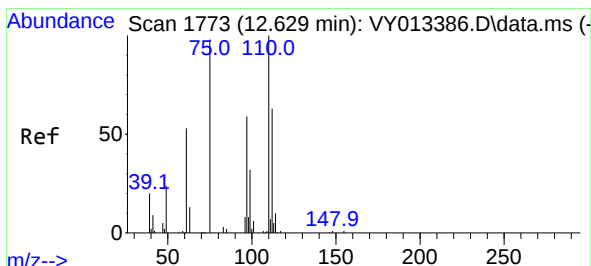
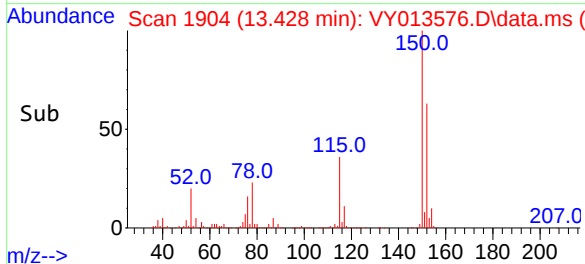
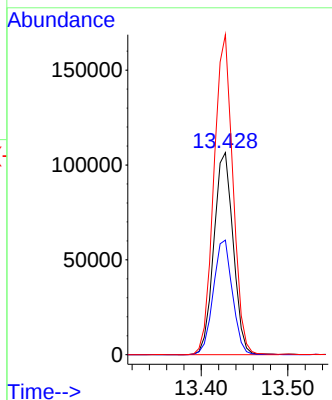
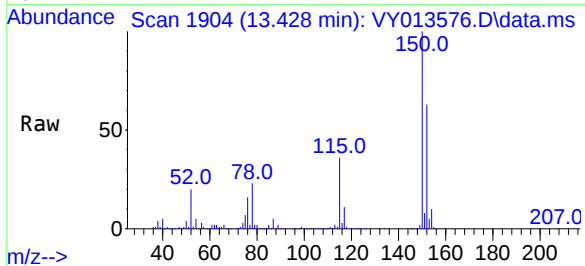




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

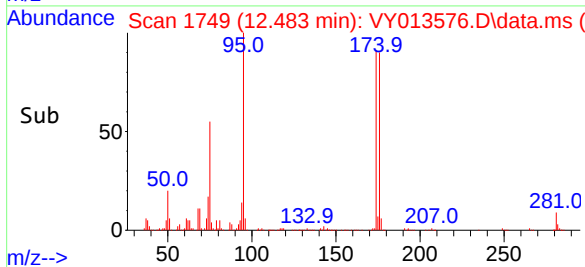
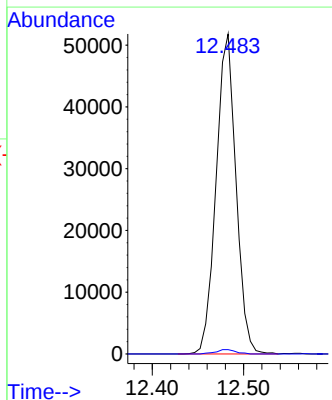
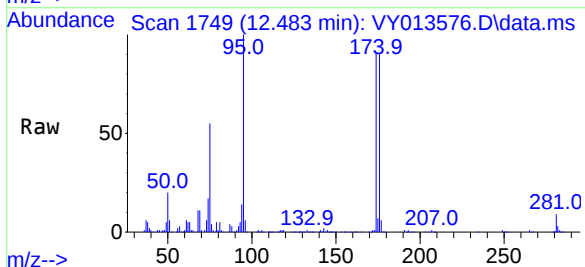
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01

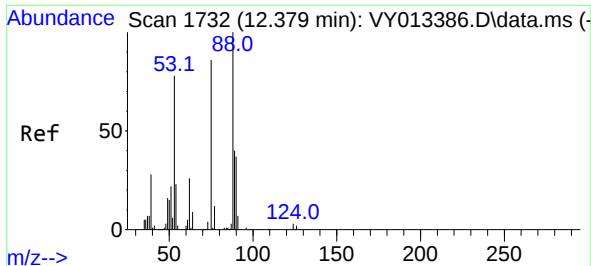
Tgt Ion:152 Resp: 165095
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 155.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 35.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

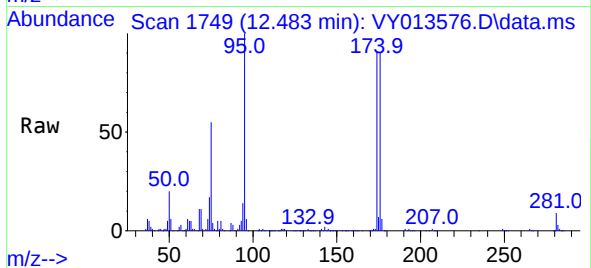
Tgt Ion: 75 Resp: 78329
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.963 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013576.D
Acq: 03 May 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-1218-01



Tgt Ion: 75 Resp: 78329
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 0.2 38.0 57.0#

