

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015303.D
 Acq On : 24 Aug 2023 00:01
 Operator : SY/MD
 Sample : 04110-24
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

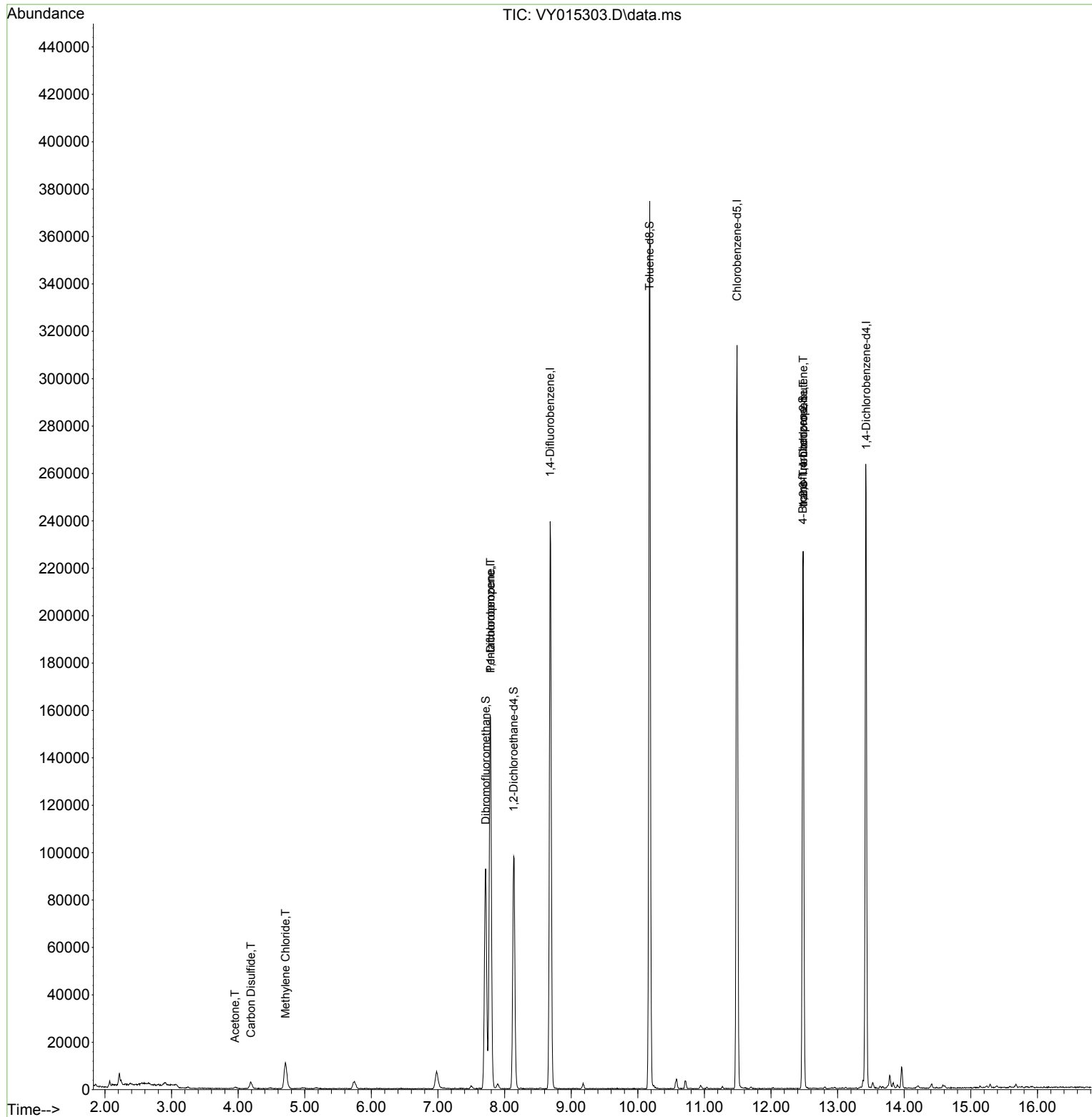
Internal Standards						
1) Pentafluorobenzene	7.789	168	122822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78150	53.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.716	113	65038	50.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.360%	
50) Toluene-d8	10.179	98	236574	49.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.477	95	66703	37.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	21	Below Cal	#	43
3) Chloromethane	2.107	50	161	Below Cal	#	43
5) Bromomethane	2.662	94	155	Below Cal	#	73
11) Tert butyl alcohol	4.984	59	944	Below Cal	#	89
16) Acetone	3.954	43	1114	2.313	ug/l	93
17) Carbon Disulfide	4.192	76	5565	3.700	ug/l	# 92
20) Methylene Chloride	4.710	84	8028	2.880	ug/l	95
31) Cyclohexane	7.777	56	2966	Below Cal	#	28
36) 1,1-Dichloropropene	7.789	75	9713	6.774	ug/l	# 50
76) 1,2,3-Trichloropropane	12.483	75	35680	44.274	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	35680	97.246	ug/l	# 11

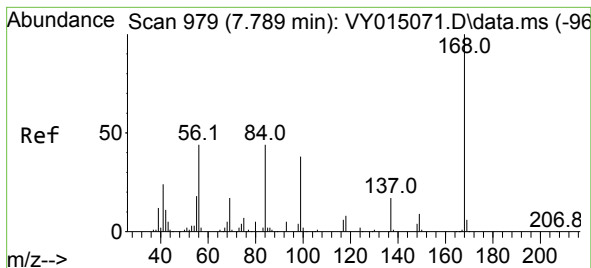
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY015303.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

Instrument :

MSVOA_Y

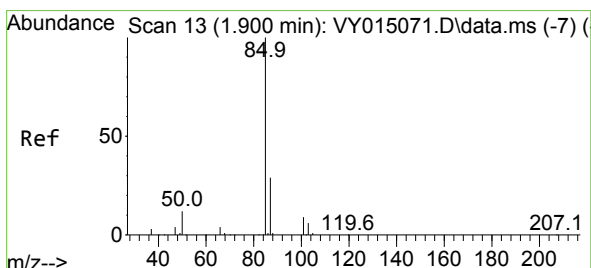
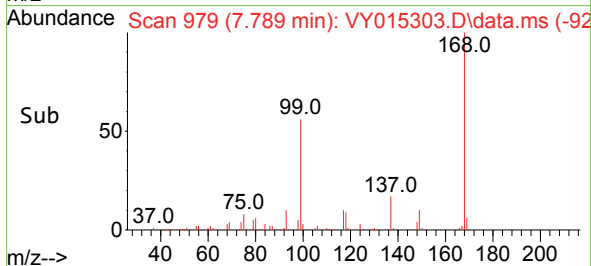
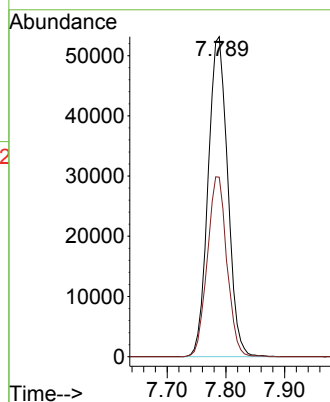
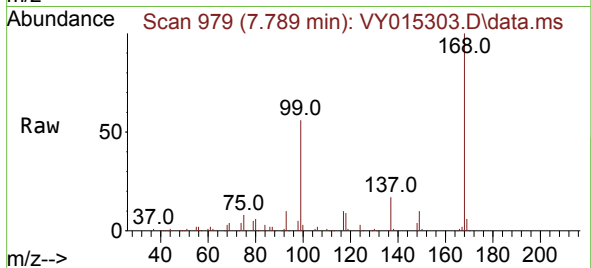
ClientSampleId :

Tgt Ion:168 Resp: 122822

Ion Ratio Lower Upper

168 100

99 56.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.893 min Scan# 12

Delta R.T. -0.007 min

Lab File: VY015303.D

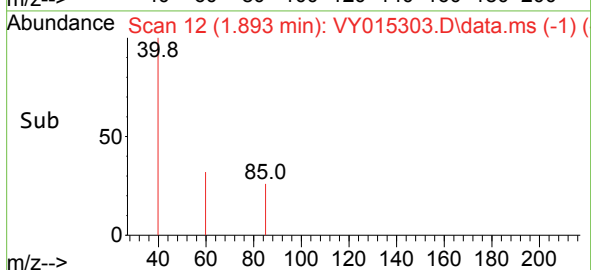
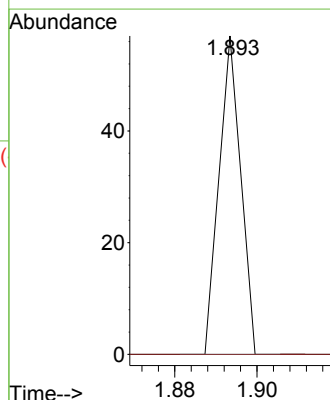
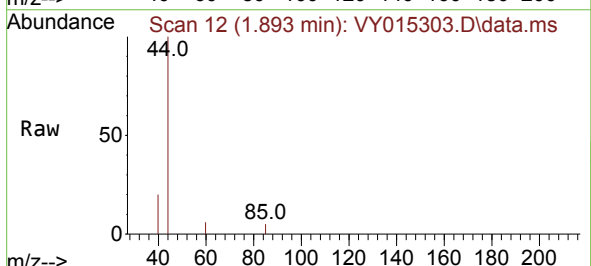
Acq: 24 Aug 2023 00:01

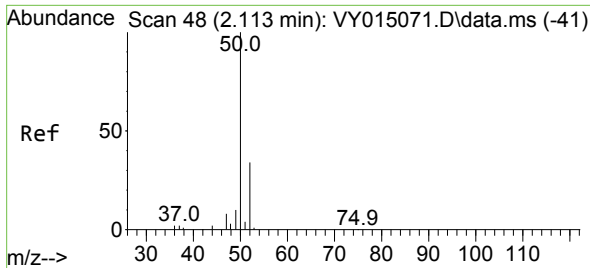
Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

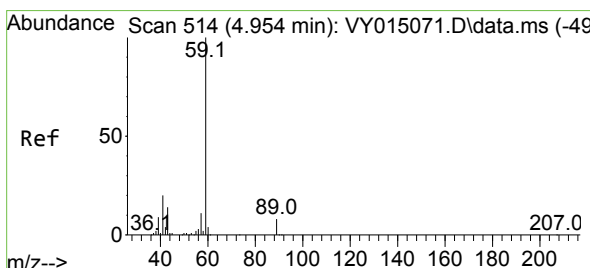
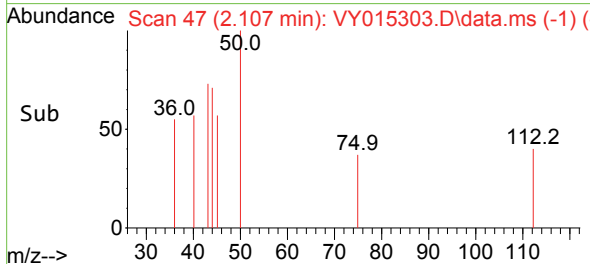
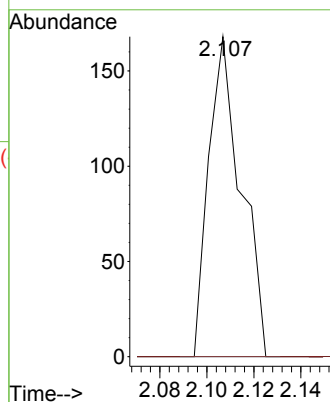
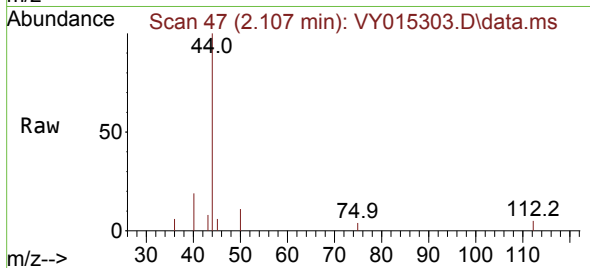




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

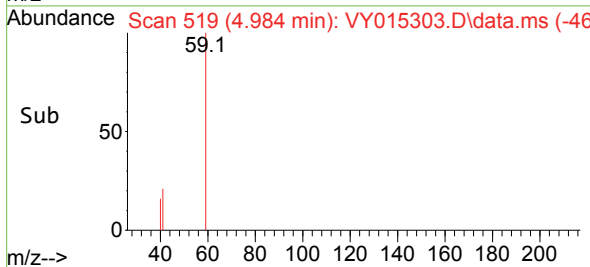
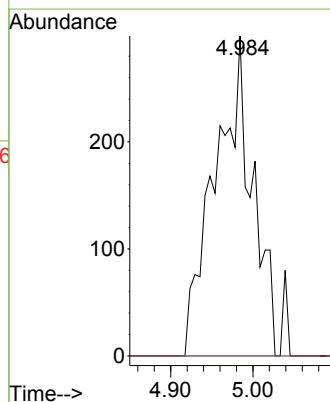
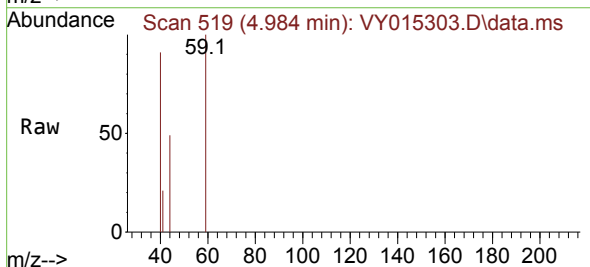
Instrument :
MSVOA_Y
ClientSampleId :

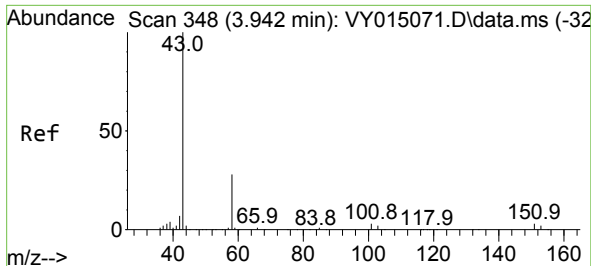
Tgt Ion: 50 Resp: 161
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.984 min Scan# 519
Delta R.T. 0.036 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 59 Resp: 944
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

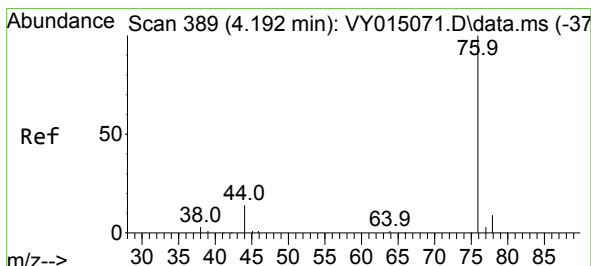
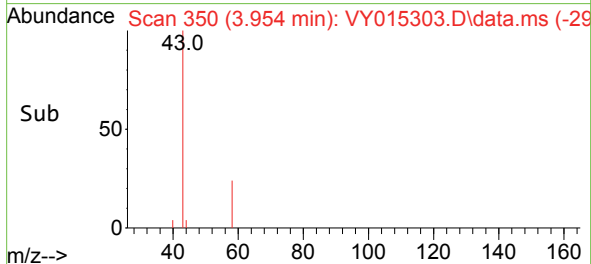
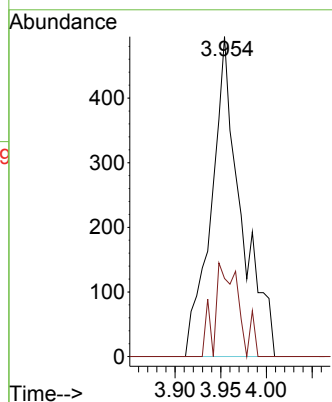
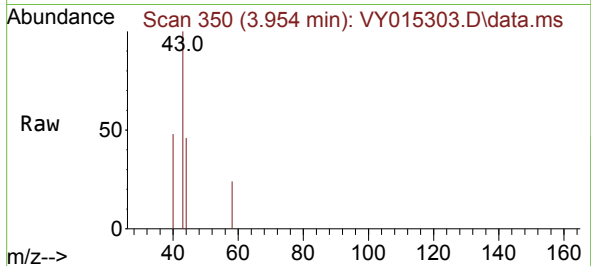




#16
Acetone
Concen: 2.313 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

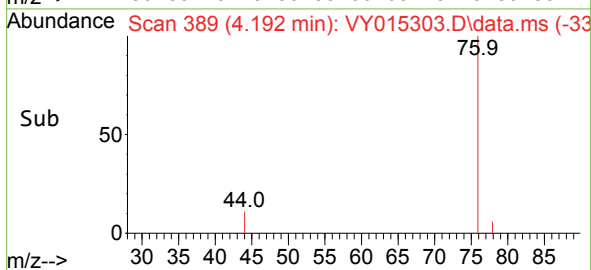
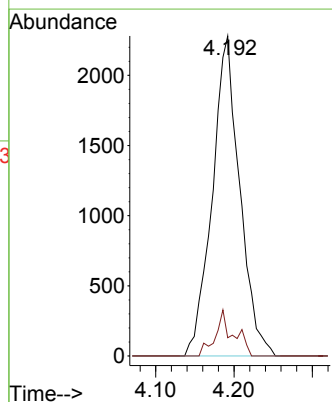
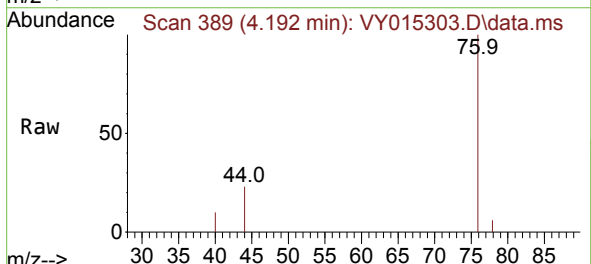
Instrument :
MSVOA_Y
ClientSampleId :

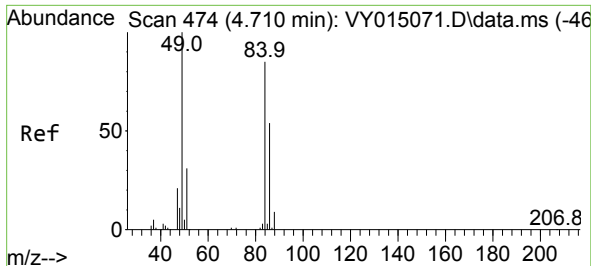
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



#17
Carbon Disulfide
Concen: 3.700 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

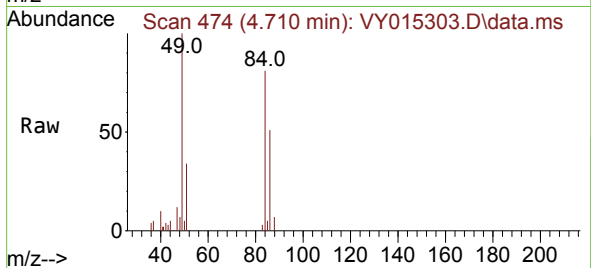
Tgt Ion: 76 Resp: 5565
Ion Ratio Lower Upper
76 100
78 5.7 7.0 10.4#



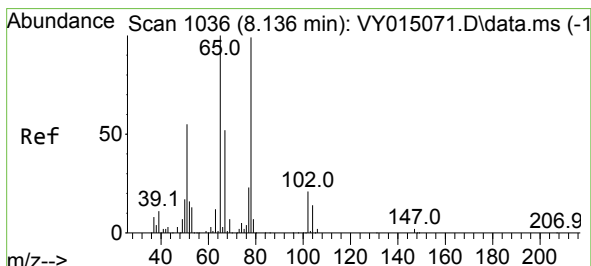
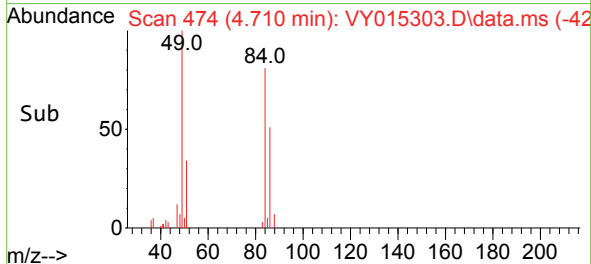
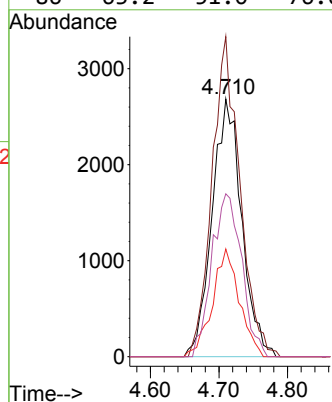


#20
Methylene Chloride
Concen: 2.880 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Instrument :
MSVOA_Y
ClientSampleId :

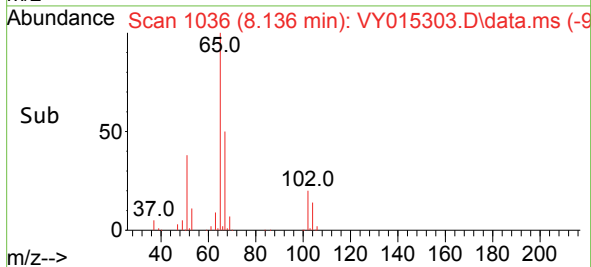
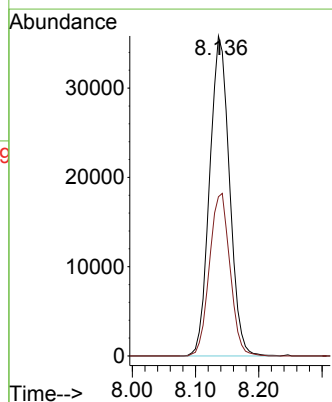
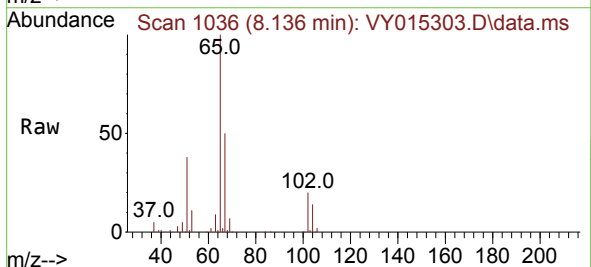


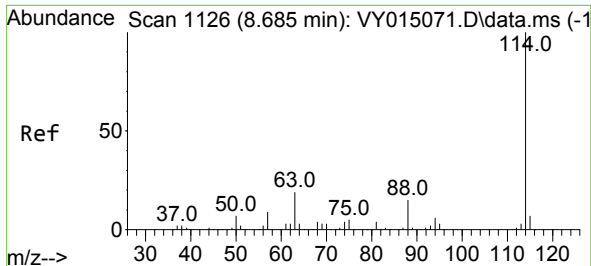
Tgt Ion: 84 Resp: 8028
Ion Ratio Lower Upper
84 100
49 124.1 106.9 160.3
51 41.8 33.2 49.8
86 63.2 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 53.006 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 65 Resp: 78150
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

Instrument :

MSVOA_Y

ClientSampleId :

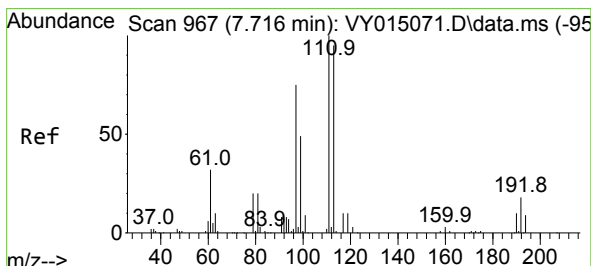
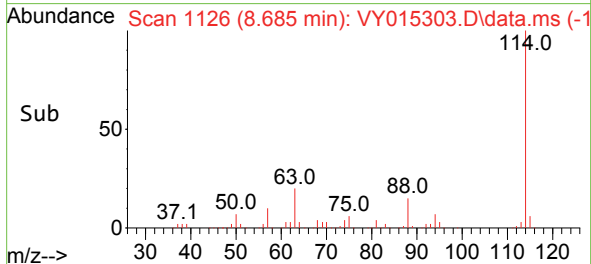
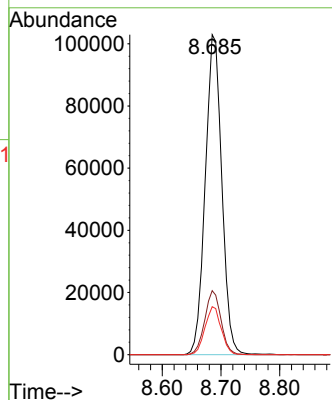
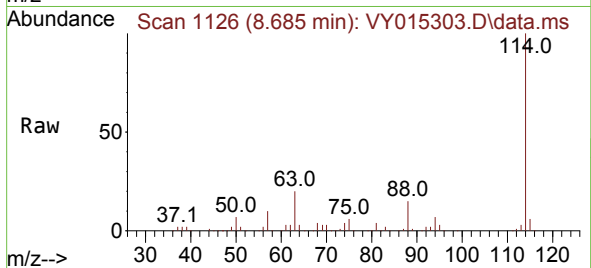
Tgt Ion:114 Resp: 201467

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.180 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

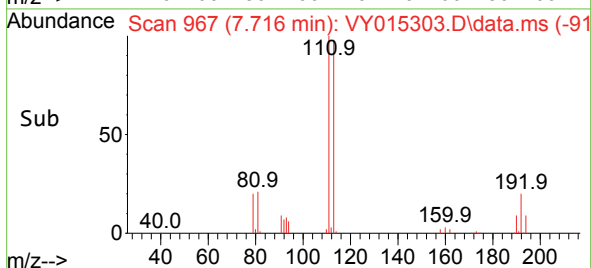
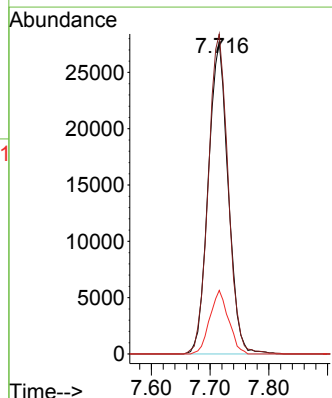
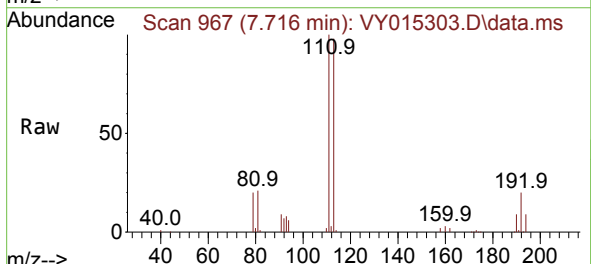
Tgt Ion:113 Resp: 65038

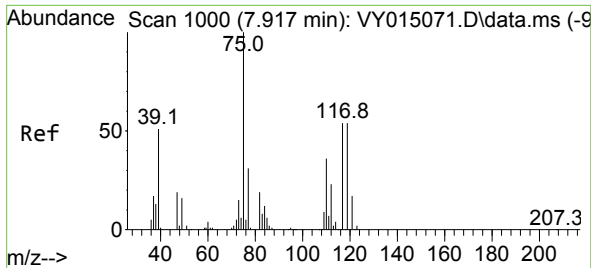
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

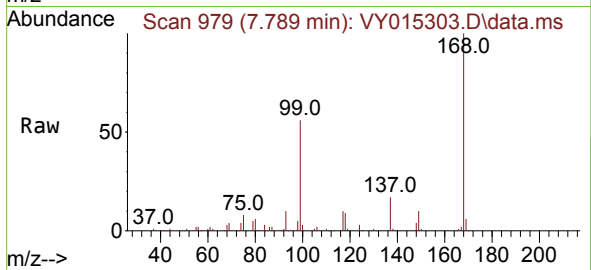
192 19.2 16.9 25.3



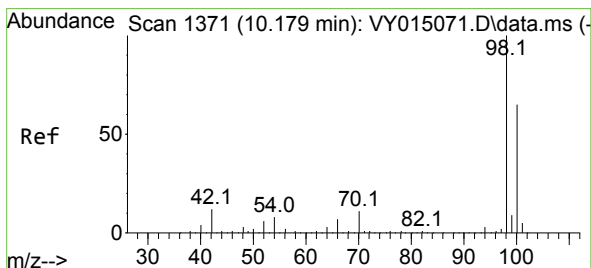
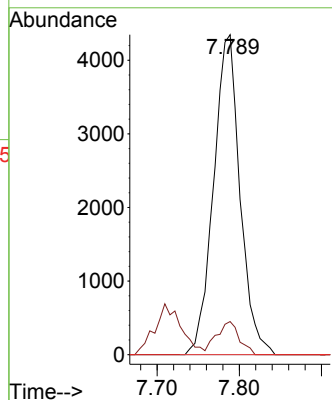
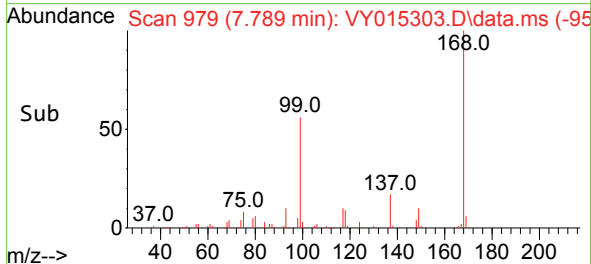


#36
1,1-Dichloropropene
Concen: 6.774 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Instrument :
MSVOA_Y
ClientSampleId :

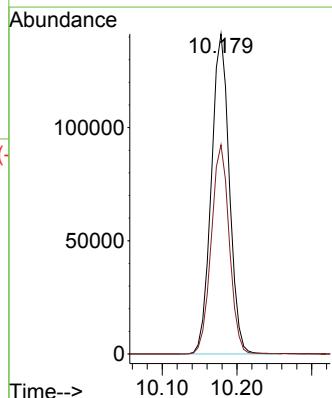
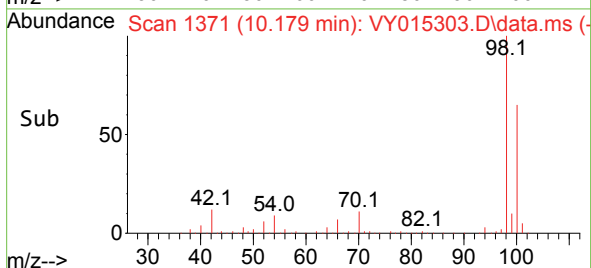
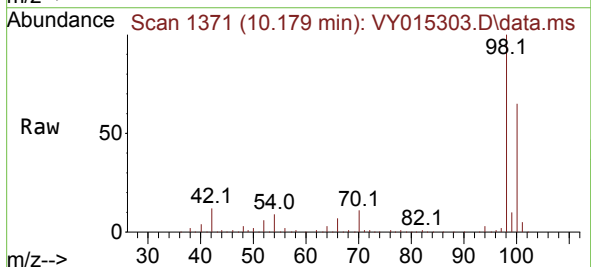


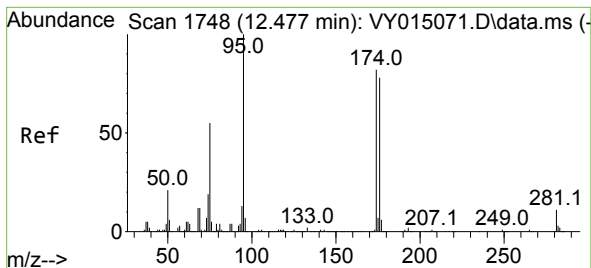
Tgt Ion: 75 Resp: 9713
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.032 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 98 Resp: 236574
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

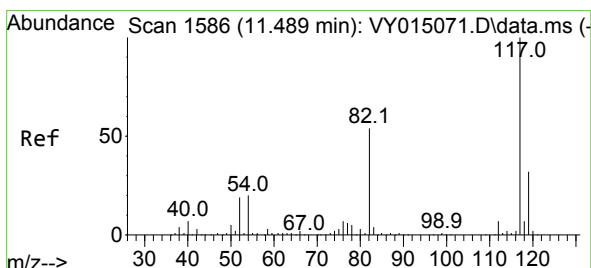
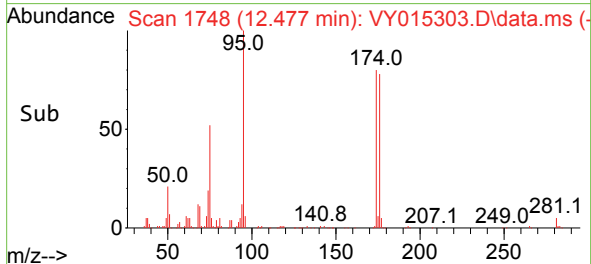
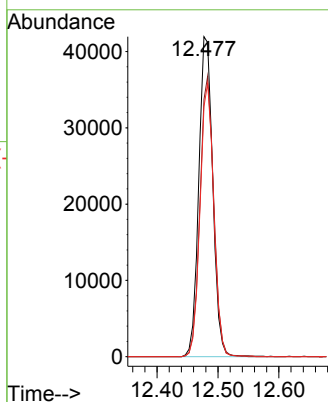
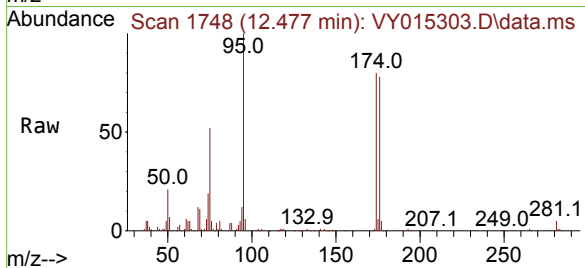




#62
4-Bromofluorobenzene
Concen: 37.851 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

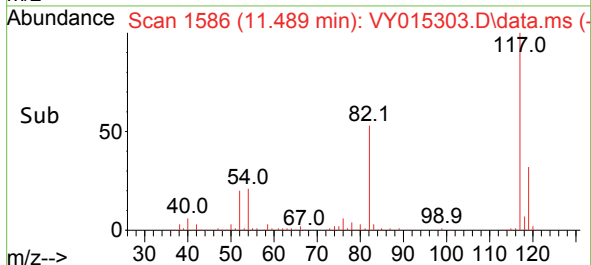
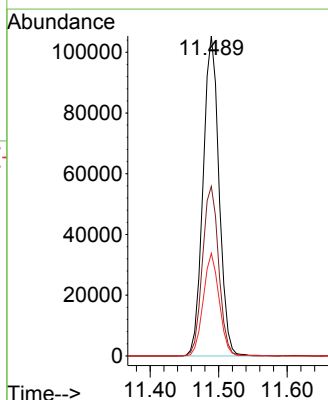
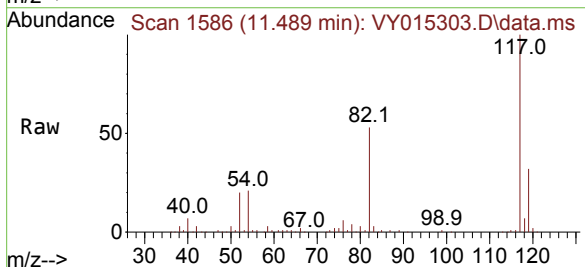
Instrument :
MSVOA_Y
ClientSampleId :

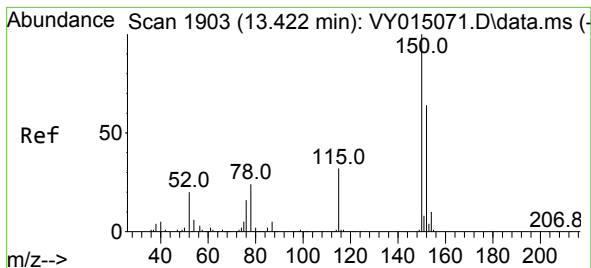
Tgt Ion: 95 Resp: 66703
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 117 Resp: 170874
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

Instrument :

MSVOA_Y

ClientSampleId :

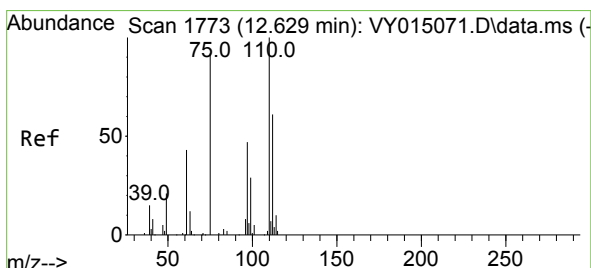
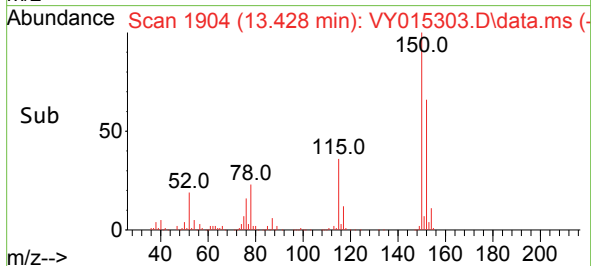
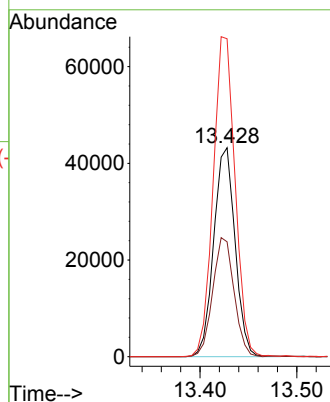
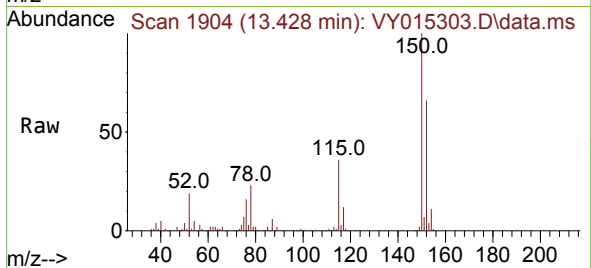
Tgt Ion:152 Resp: 66333

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 44.274 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015303.D

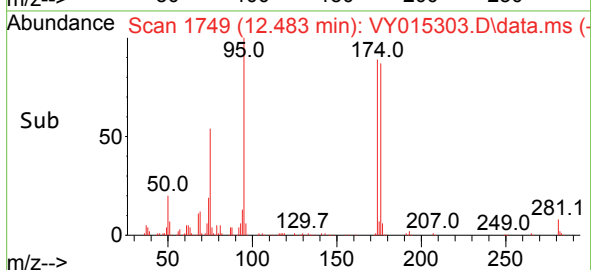
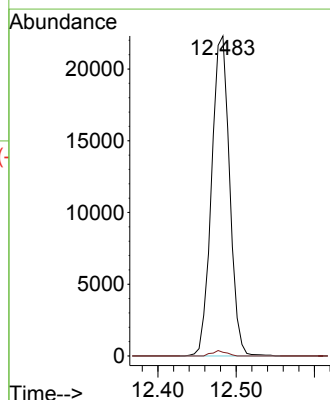
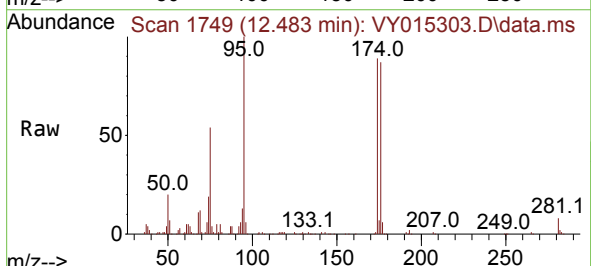
Acq: 24 Aug 2023 00:01

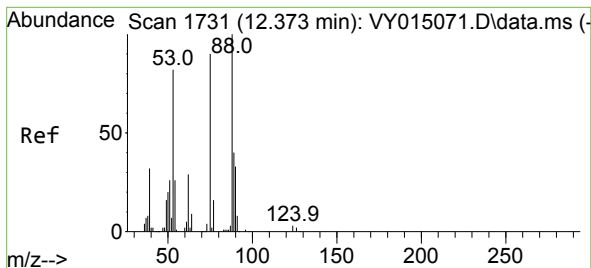
Tgt Ion: 75 Resp: 35680

Ion Ratio Lower Upper

75 100

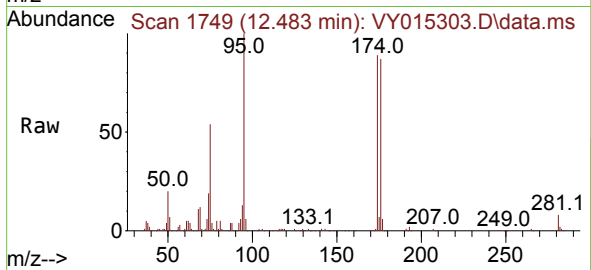
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.246 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015303.D
 Acq: 24 Aug 2023 00:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35680
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

