

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014836.D
 Acq On : 26 Jul 2023 05:29
 Operator : SY/MD
 Sample : 03741-17
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P28B

Quant Time: Jul 26 07:41:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	107828	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	193230	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	183257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	69246	56.355	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.720%
35) Dibromofluoromethane	7.728	113	62093	50.480	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.185	98	232086	51.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.489	95	83662	48.113	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.220%

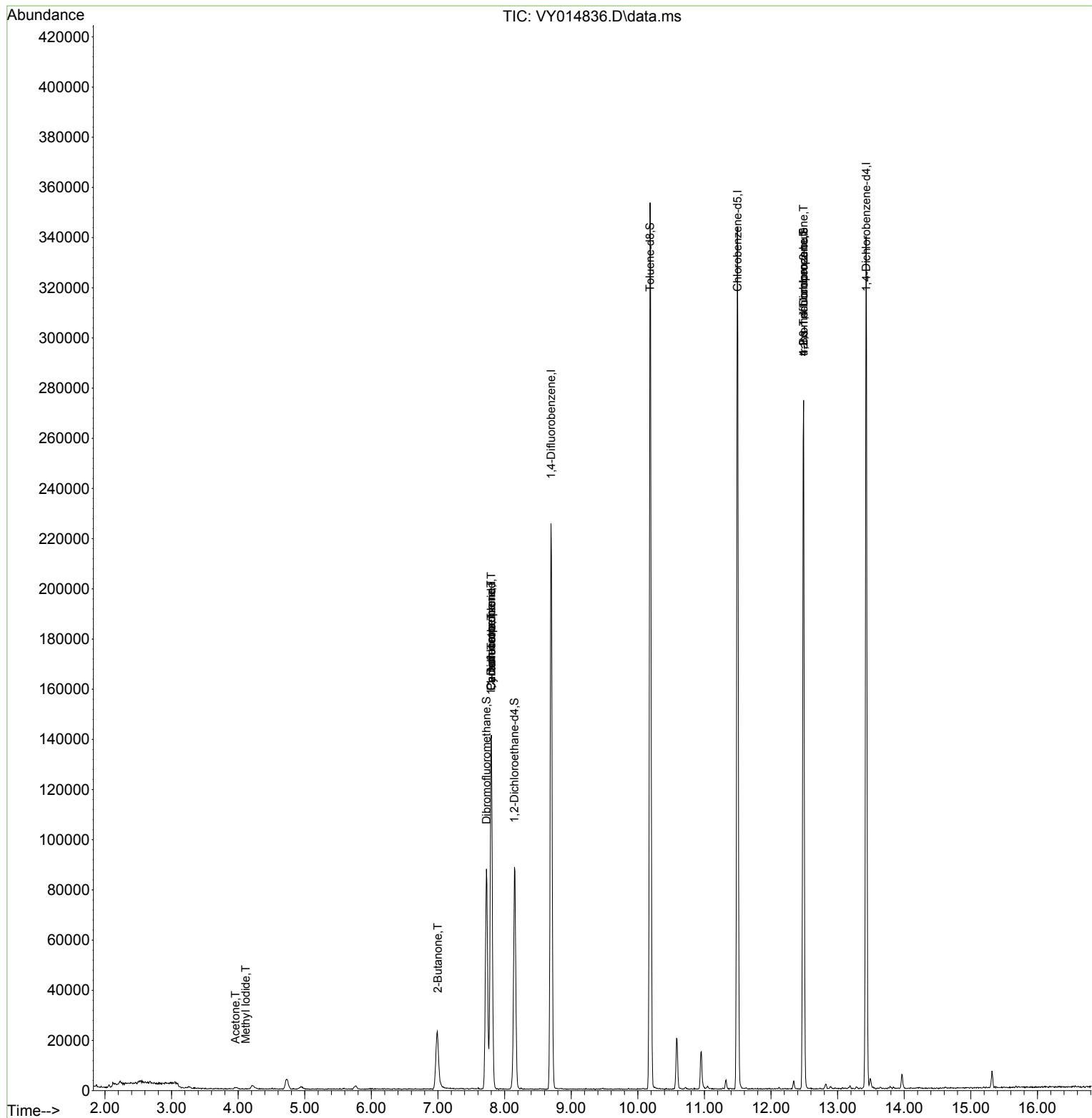
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	40	2.401	ug/l	# 38
11) Tert butyl alcohol	4.942	59	735	Below Cal		# 89
16) Acetone	3.960	43	1236	3.174	ug/l	97
20) Methylene Chloride	4.741	84	3256	Below Cal		# 80
25) 2-Butanone	6.996	43	1407	2.470	ug/l	# 77
31) Cyclohexane	7.801	56	2467	1.209	ug/l	# 8
36) 1,1-Dichloropropene	7.795	75	8759	4.762	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	11647	5.990	ug/l	# 17
76) 1,2,3-Trichloropropane	12.489	75	44795	41.354	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	44795	80.069	ug/l	# 11

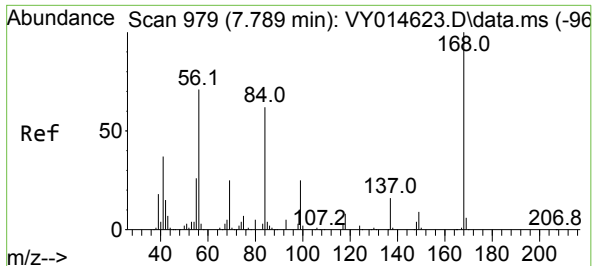
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
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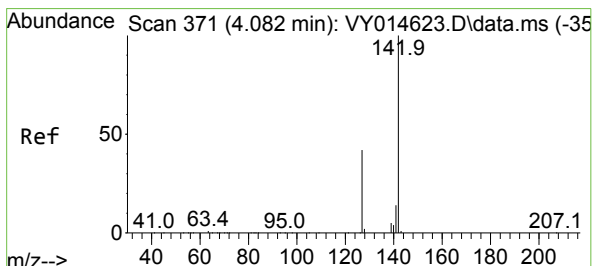
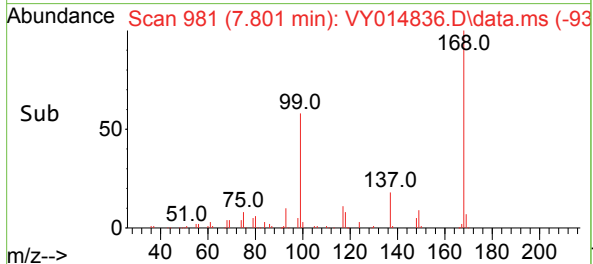
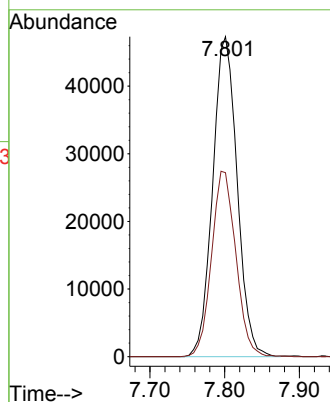
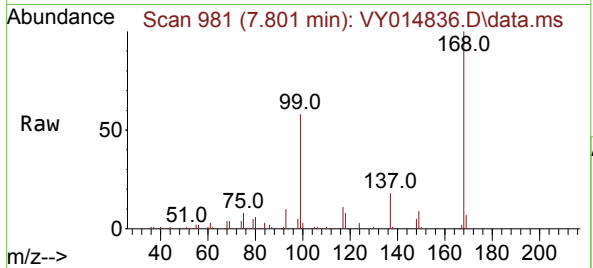




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

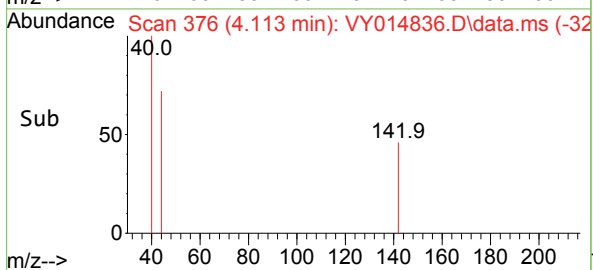
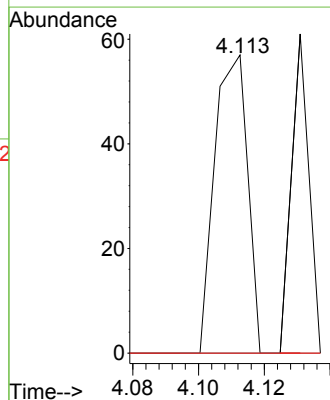
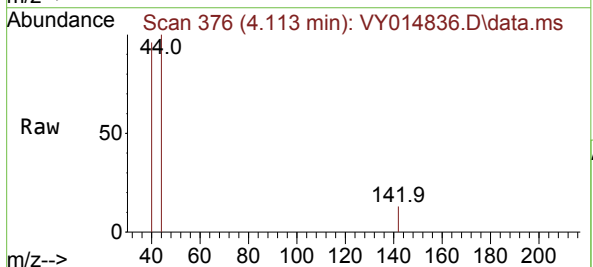
Instrument :
MSVOA_Y
ClientSampleId :
B-P28B

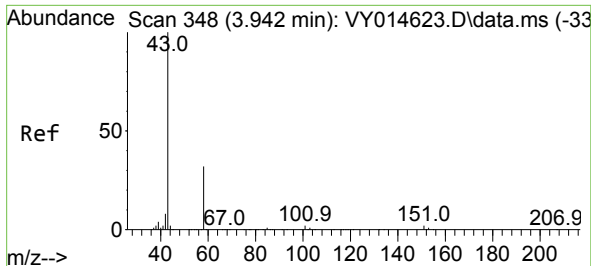
Tgt Ion:168 Resp: 107828
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.401 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.031 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 3.174 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY014836.D

Acq: 26 Jul 2023 05:29

Instrument :

MSVOA_Y

ClientSampleId :

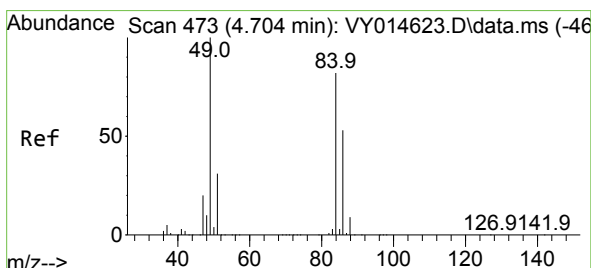
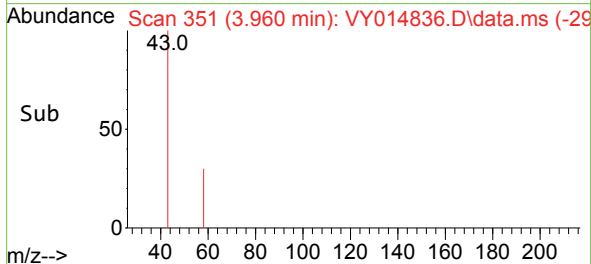
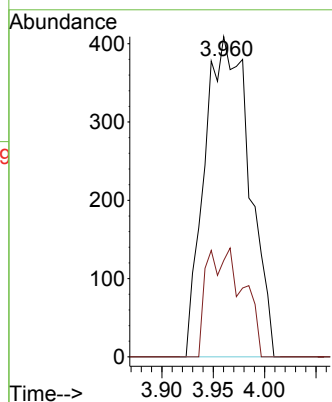
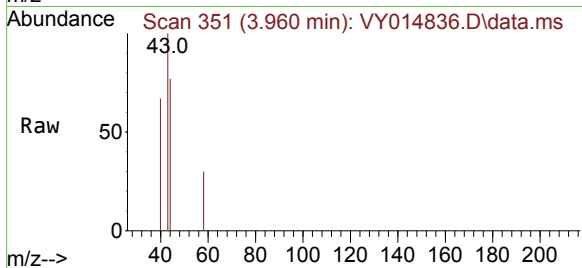
B-P28B

Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

58 30.1 22.7 34.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.741 min Scan# 479

Delta R.T. 0.037 min

Lab File: VY014836.D

Acq: 26 Jul 2023 05:29

Tgt Ion: 84 Resp: 3256

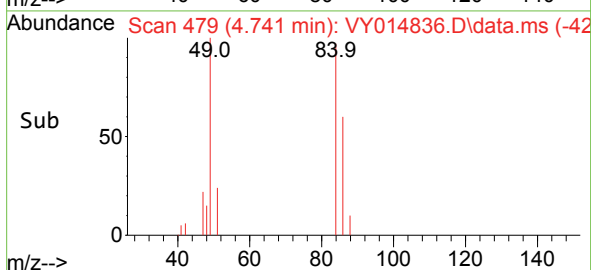
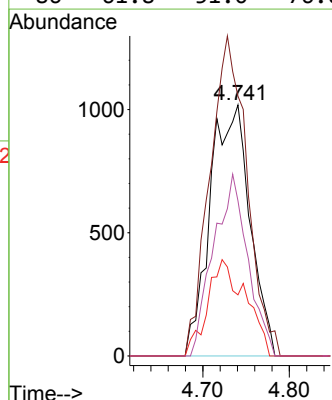
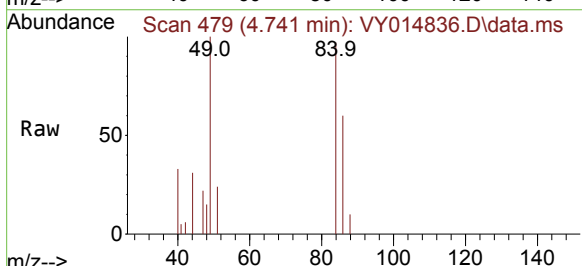
Ion Ratio Lower Upper

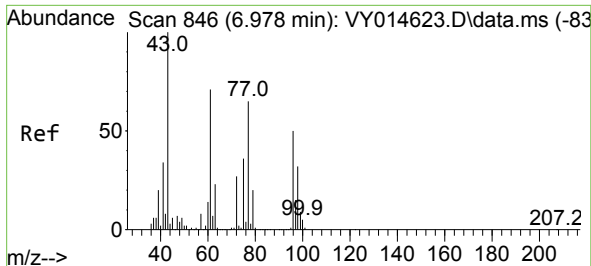
84 100

49 103.5 106.9 160.3#

51 24.3 33.2 49.8#

86 61.8 51.0 76.6

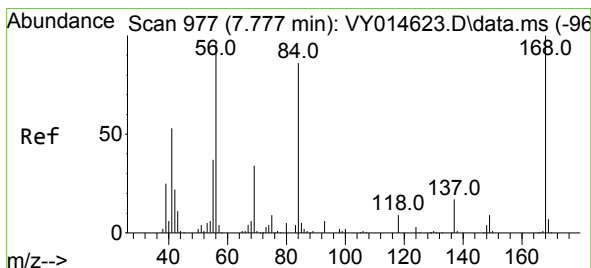
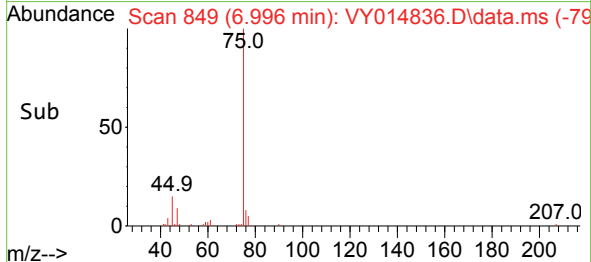
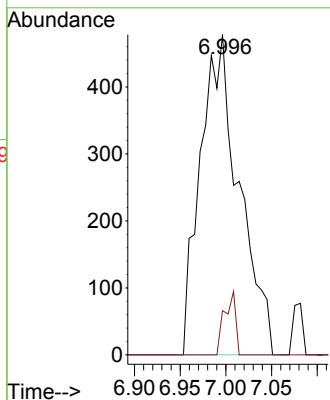
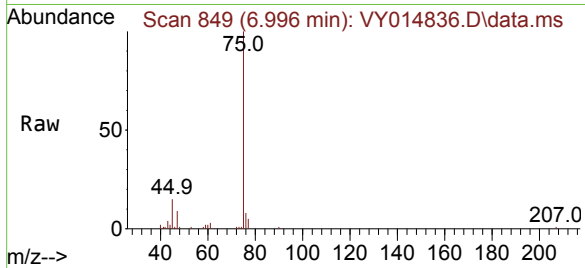




#25
2-Butanone
Concen: 2.470 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

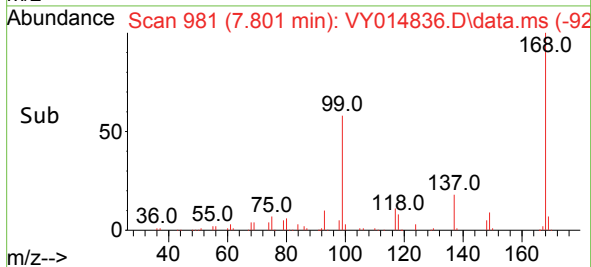
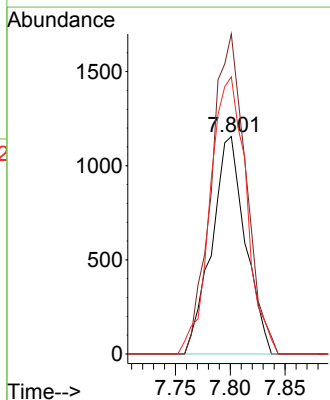
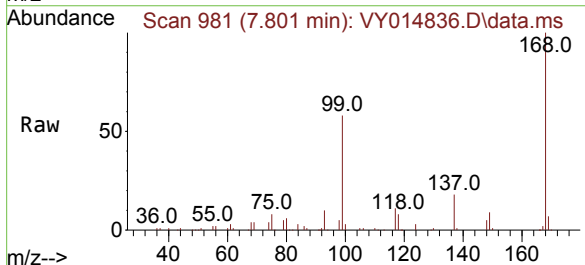
Instrument :
MSVOA_Y
ClientSampleId :
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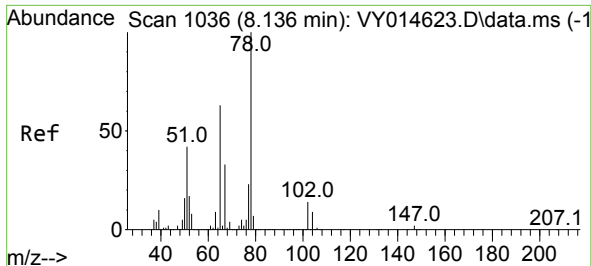
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
72 13.8 20.5 30.7#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion: 56 Resp: 2467
Ion Ratio Lower Upper
56 100
69 147.2 27.8 41.6#
84 127.4 66.4 99.6#

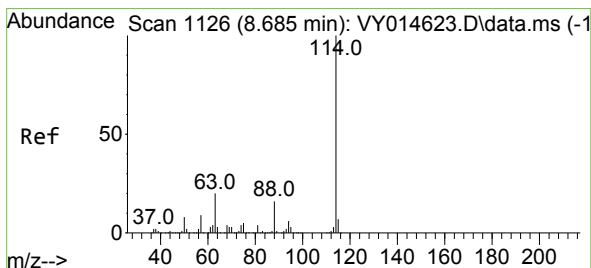
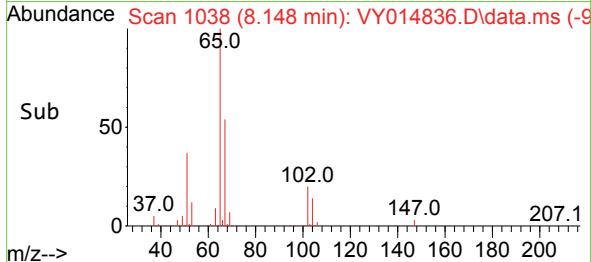
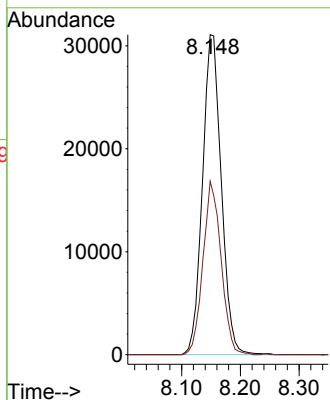
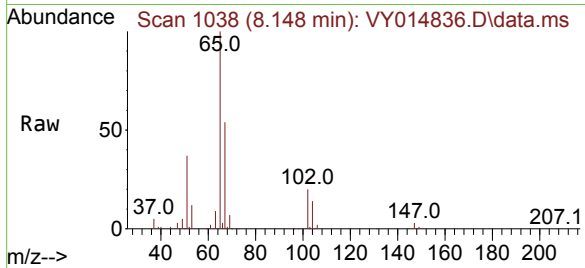




#33
1,2-Dichloroethane-d4
Concen: 56.355 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

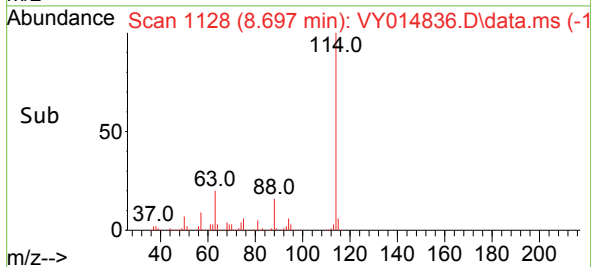
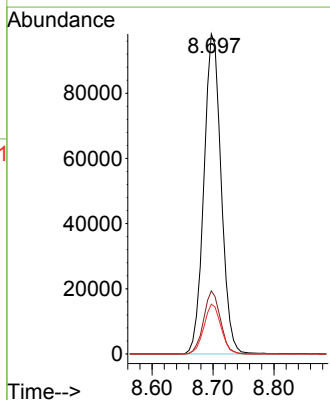
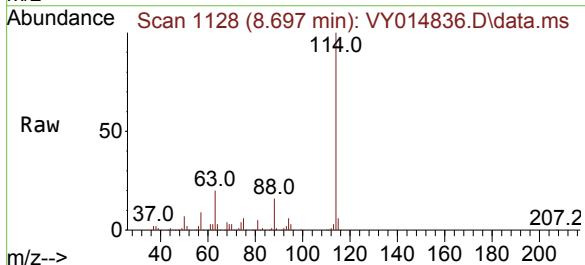
Instrument :
MSVOA_Y
ClientSampleId :
B-P28B

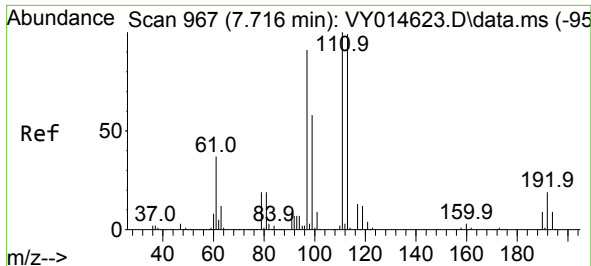
Tgt Ion: 65 Resp: 69246
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion:114 Resp: 193230
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.6 0.0 30.6

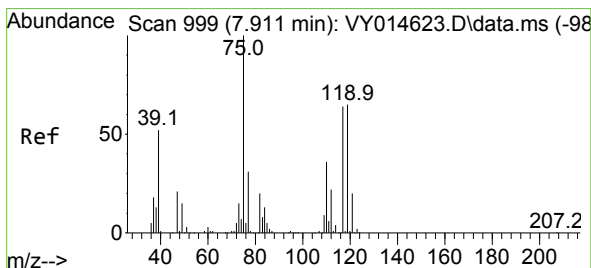
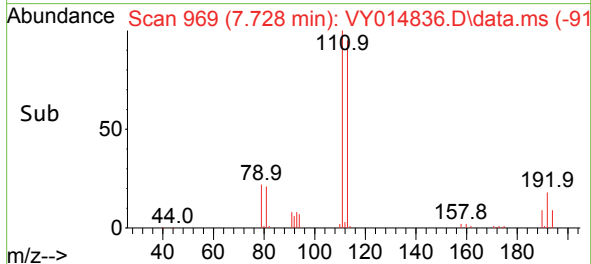
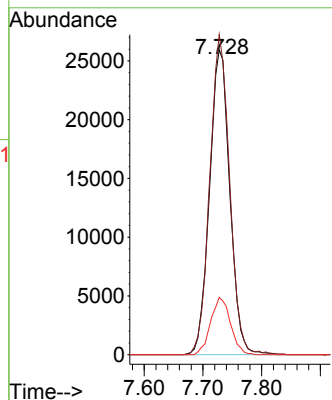
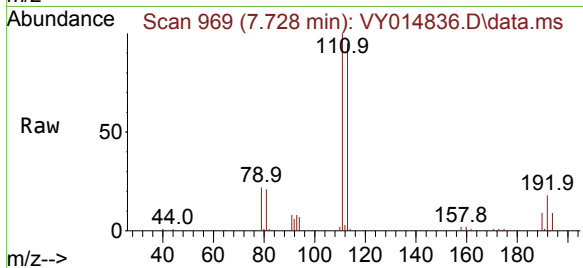




#35
Dibromofluoromethane
Concen: 50.480 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

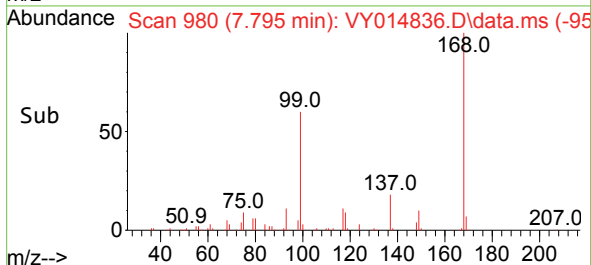
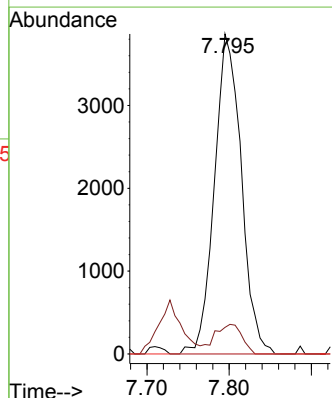
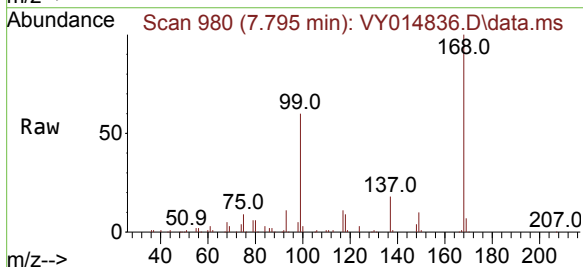
Instrument :
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B-P28B

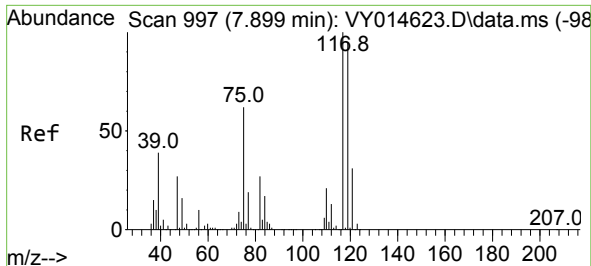
Tgt Ion:113 Resp: 62093
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion: 75 Resp: 8759
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

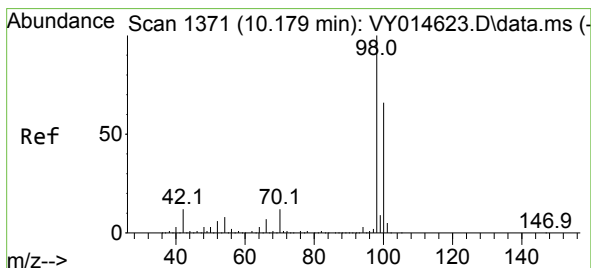
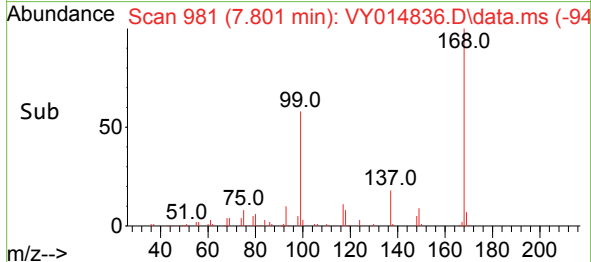
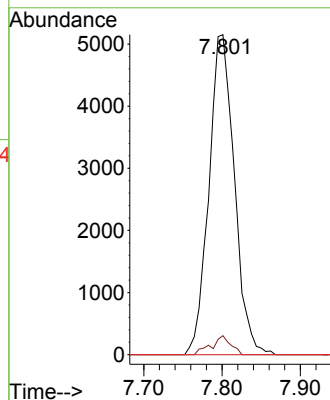
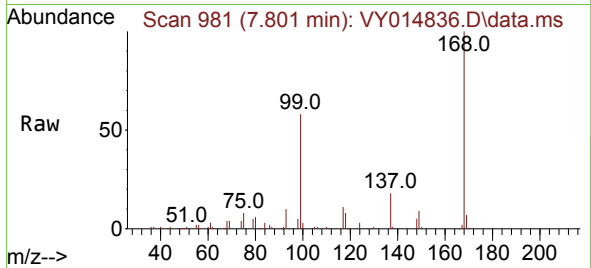




#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

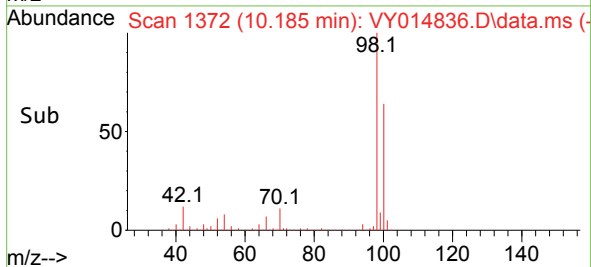
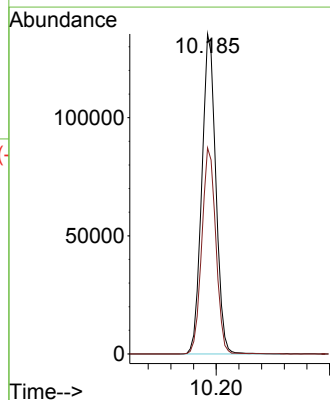
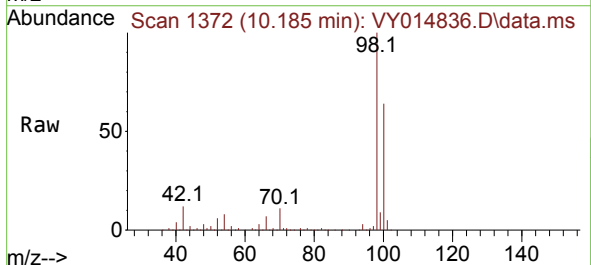
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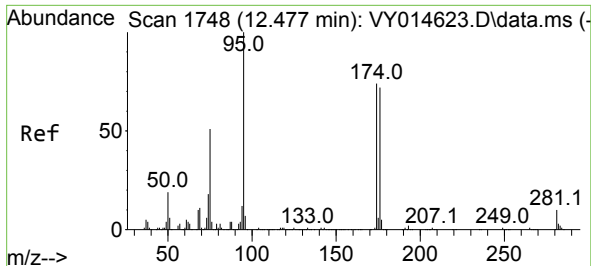
Tgt Ion:117 Resp: 11647
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.177 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion: 98 Resp: 232086
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

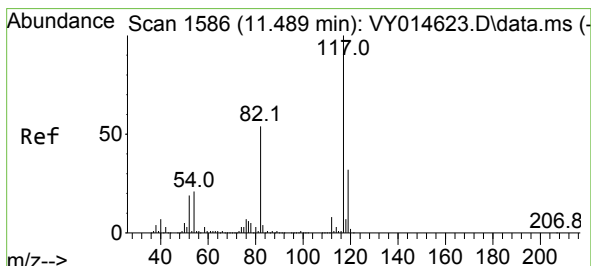
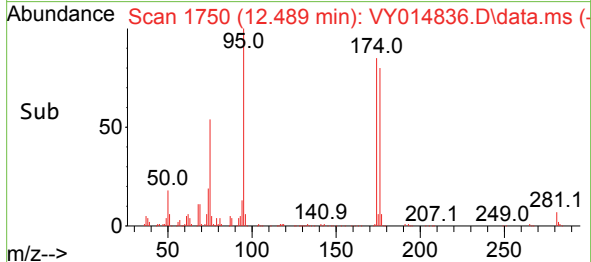
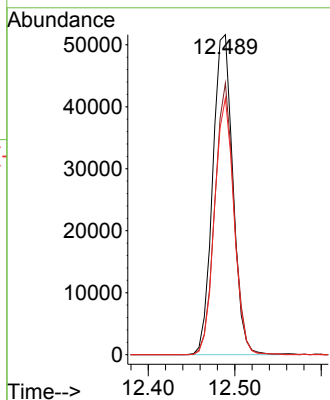
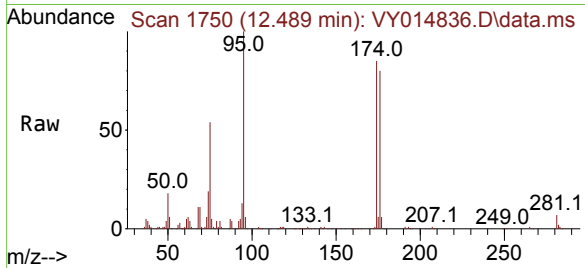




#62
4-Bromofluorobenzene
Concen: 48.113 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

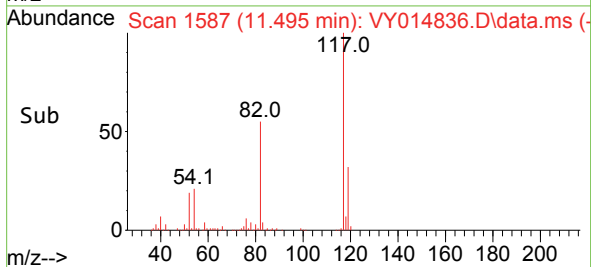
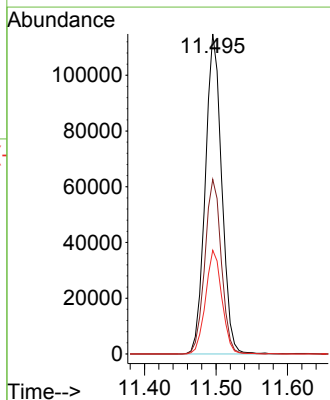
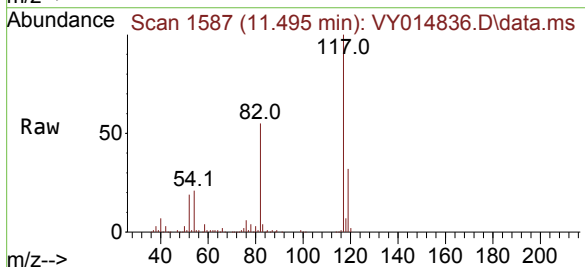
Instrument :
MSVOA_Y
ClientSampleId :
B-P28B

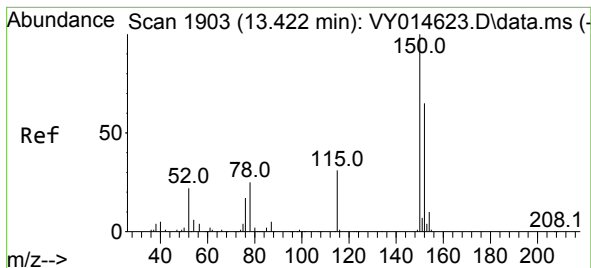
Tgt Ion: 95 Resp: 83662
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.2
176 77.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014836.D
Acq: 26 Jul 2023 05:29

Tgt Ion: 117 Resp: 183257
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.4 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: VY014836.D

Acq: 26 Jul 2023 05:29

Instrument :

MSVOA_Y

ClientSampleId :

B-P28B

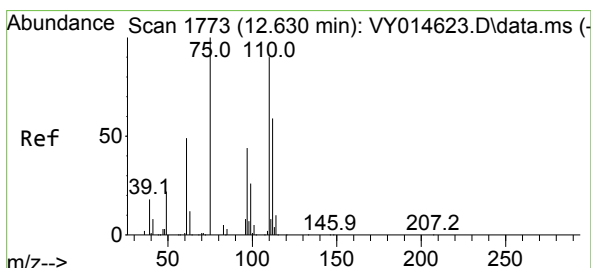
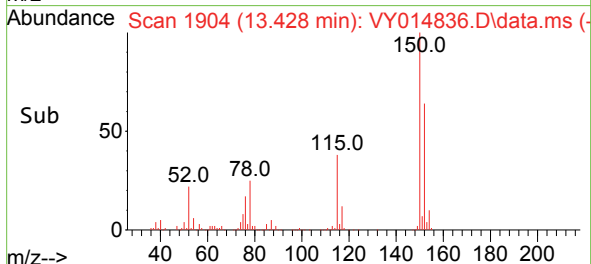
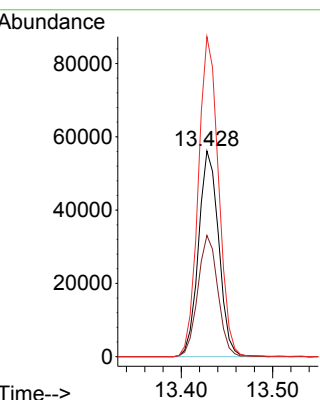
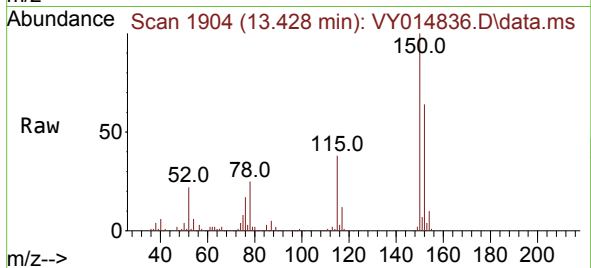
Tgt Ion:152 Resp: 85766

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.354 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.141 min

Lab File: VY014836.D

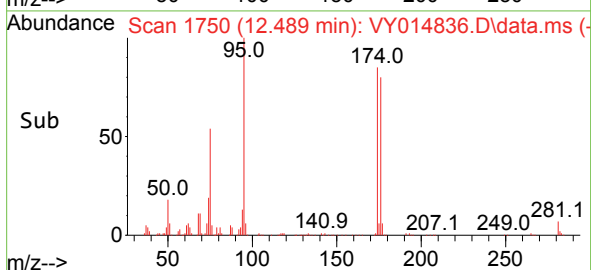
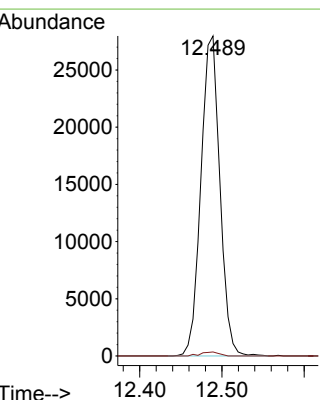
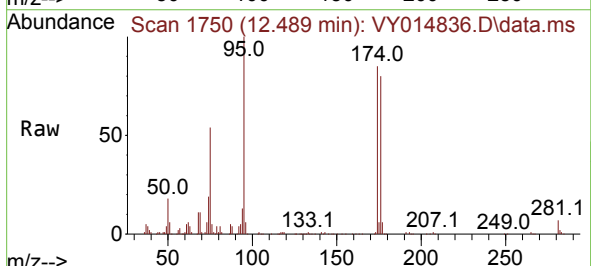
Acq: 26 Jul 2023 05:29

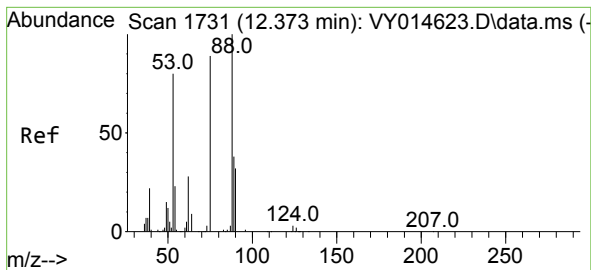
Tgt Ion: 75 Resp: 44795

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.069 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY014836.D
 Acq: 26 Jul 2023 05:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P28B

Tgt Ion: 75 Resp: 44795
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

