

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014823.D
 Acq On : 26 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03741-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P24A

Quant Time: Jul 26 03:34:19 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	7.795	168	145236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250936	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	225777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81074	48.987	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.980%
35) Dibromofluoromethane	7.722	113	75217	47.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.180%
50) Toluene-d8	10.185	98	294690	50.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	100990	44.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%

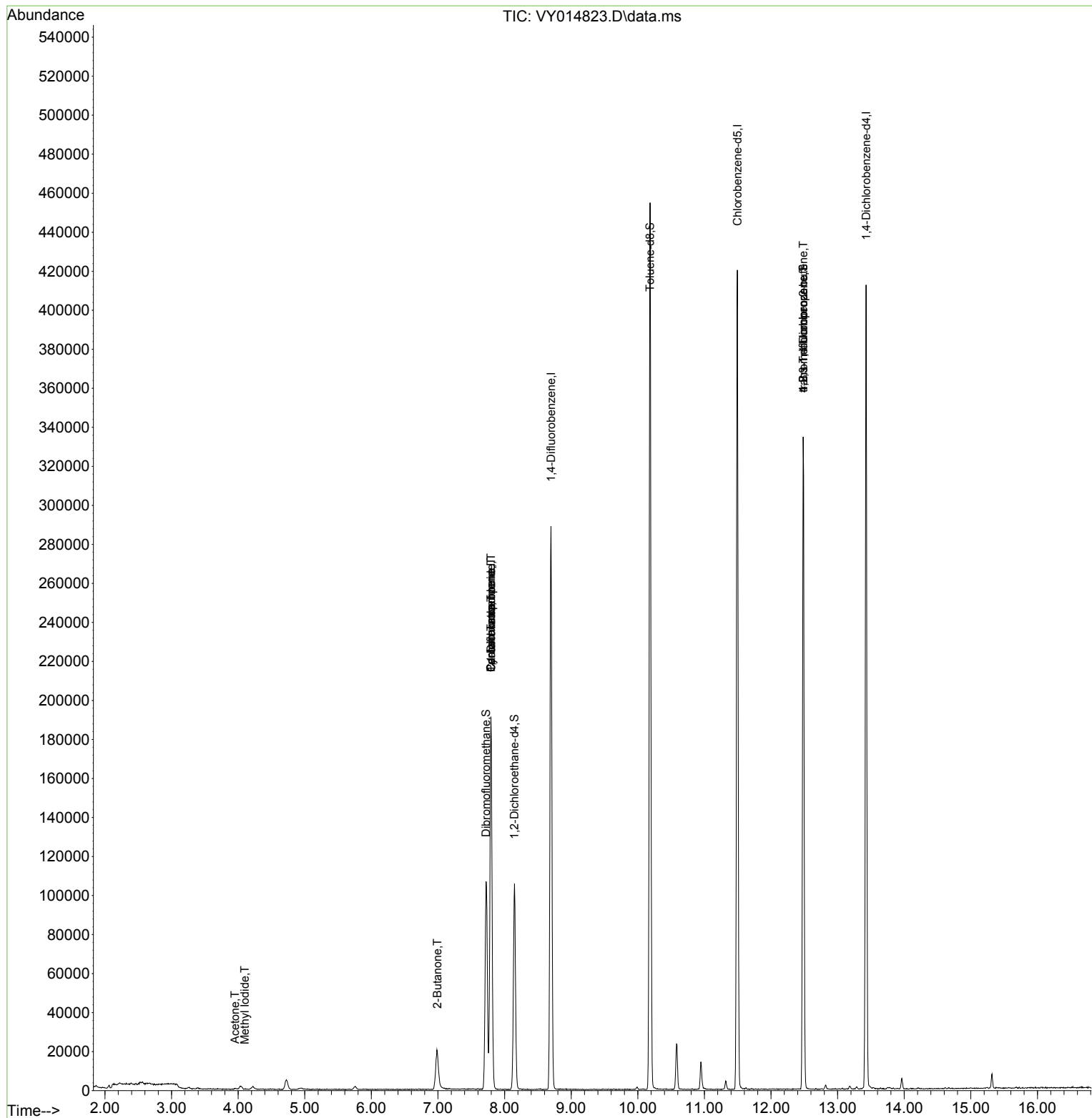
Target Compounds					Qvalue	
10) Methyl Iodide	4.101	142	227	2.503	ug/l #	49
11) Tert butyl alcohol	4.936	59	1052	Below Cal	#	89
16) Acetone	3.954	43	896	1.708	ug/l #	83
20) Methylene Chloride	4.728	84	3746	Below Cal	#	87
25) 2-Butanone	6.990	43	1142	1.488	ug/l #	81
31) Cyclohexane	7.795	56	3187	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11653	4.878	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14766	5.847	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54371	42.672	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54371	82.621	ug/l #	11

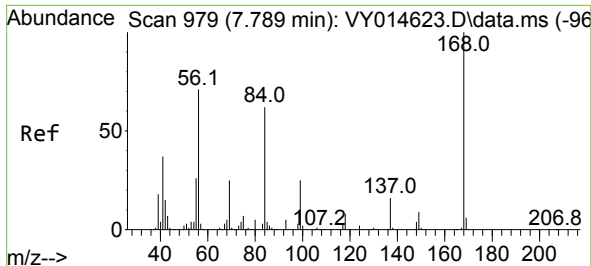
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

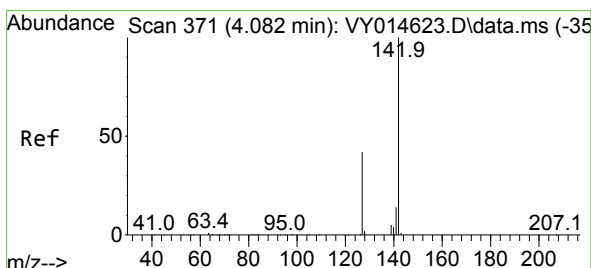
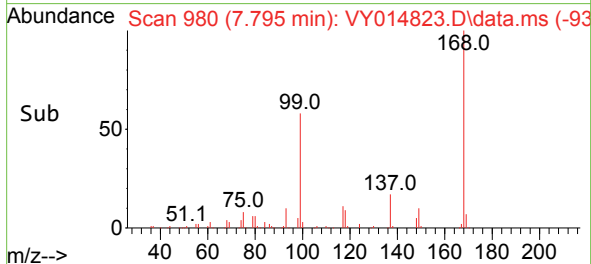
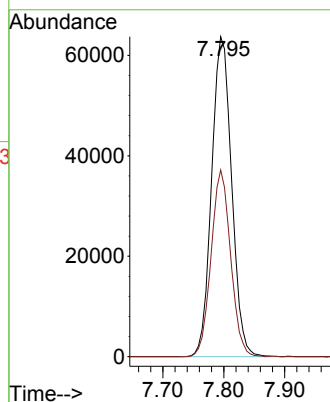
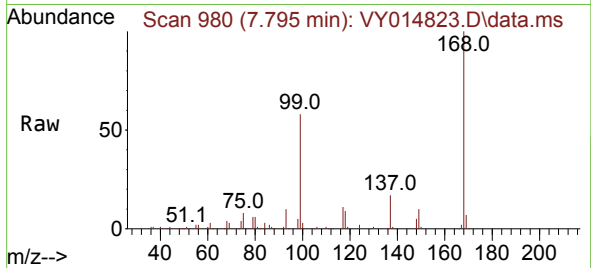




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

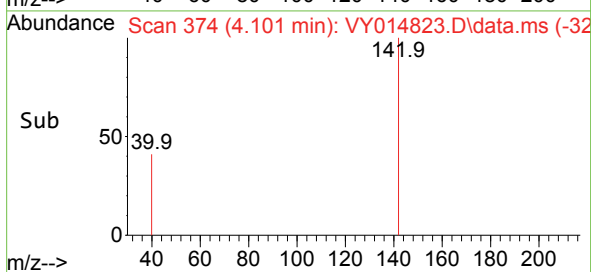
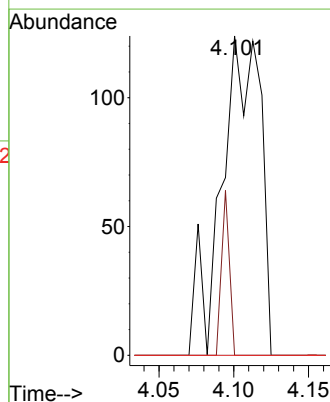
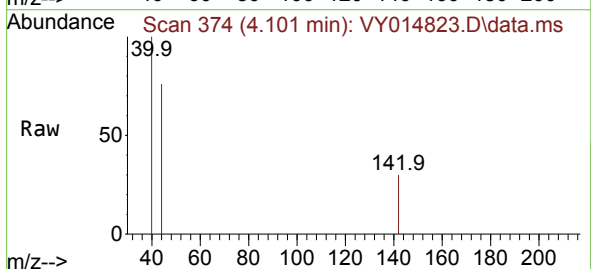
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

Tgt Ion:168 Resp: 145236
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.503 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 10.1 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.708 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

Instrument :

MSVOA_Y

ClientSampleId :

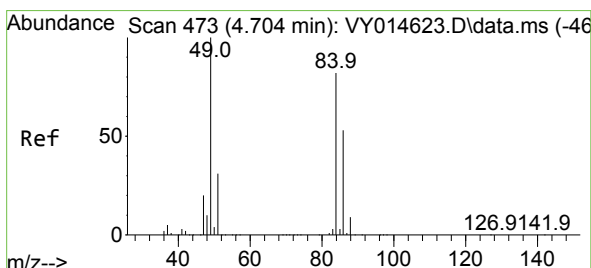
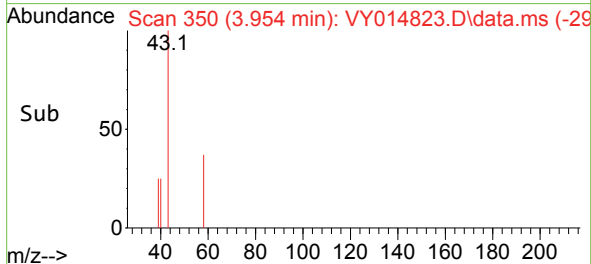
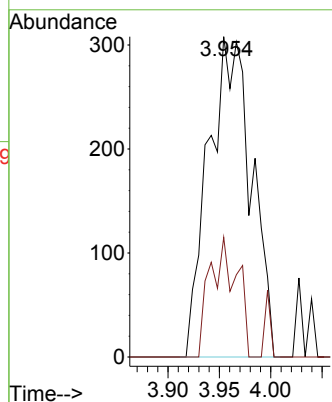
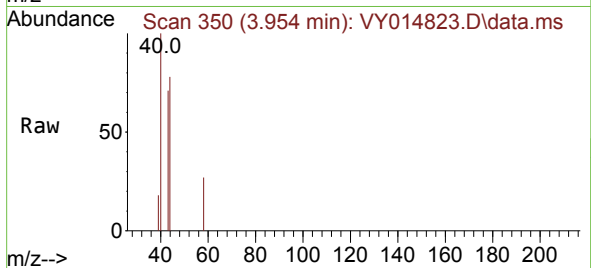
B-P24A

Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

58 37.3 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. 0.024 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

Tgt Ion: 84 Resp: 3746

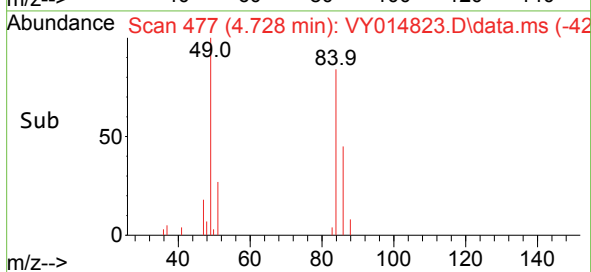
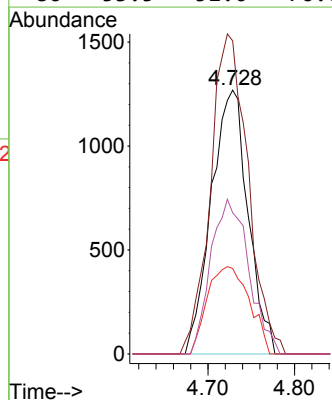
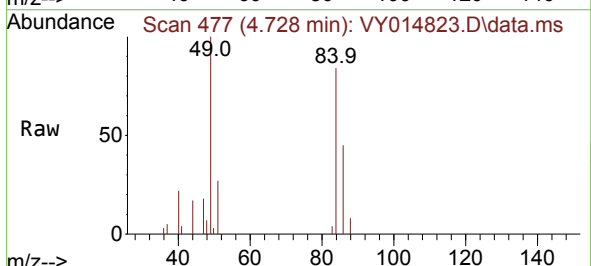
Ion Ratio Lower Upper

84 100

49 118.7 106.9 160.3

51 32.4 33.2 49.8#

86 53.5 51.0 76.6

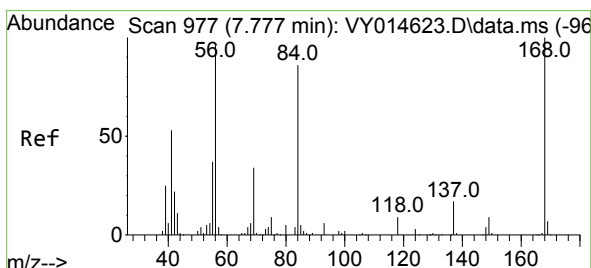
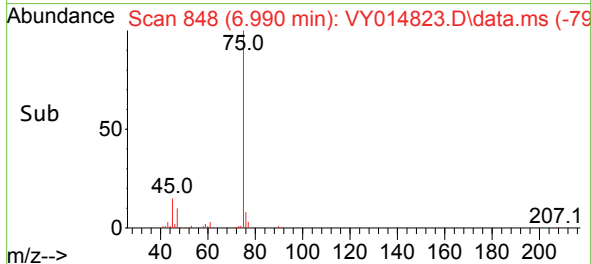
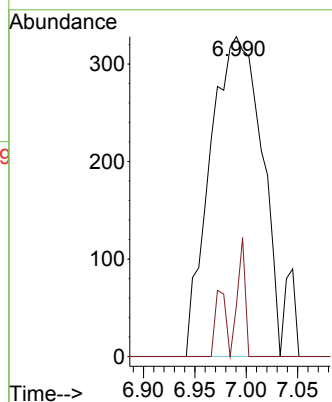
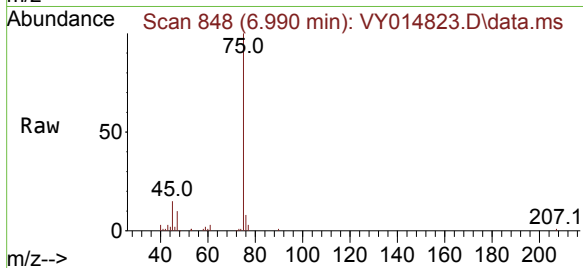




#25
2-Butanone
Concen: 1.488 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

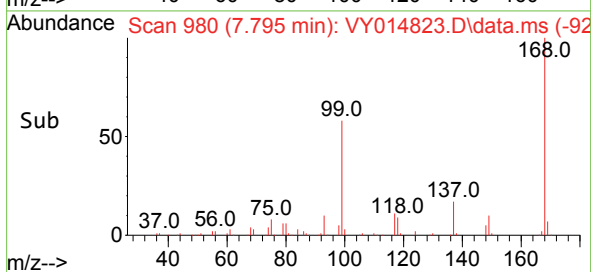
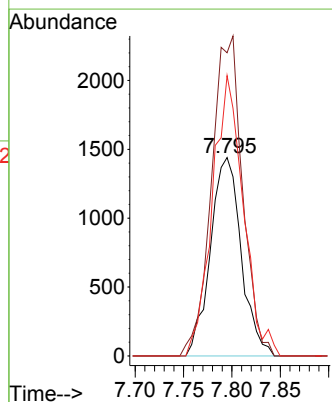
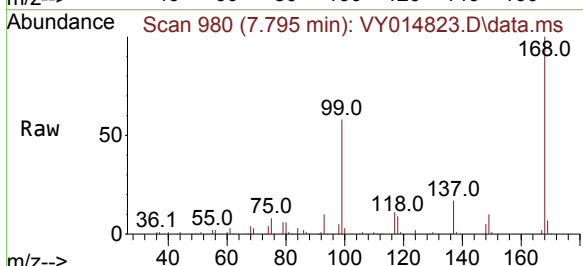
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

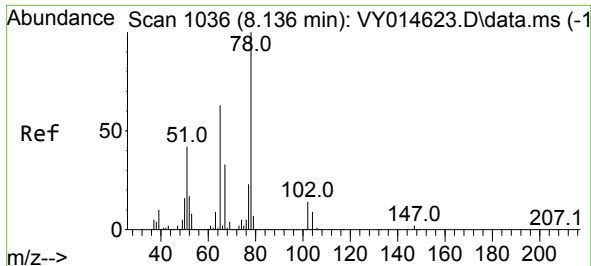
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
72 15.9 20.5 30.7#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion: 56 Resp: 3187
Ion Ratio Lower Upper
56 100
69 152.8 27.8 41.6#
84 141.3 66.4 99.6#

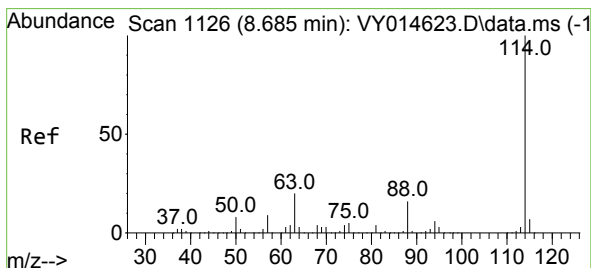
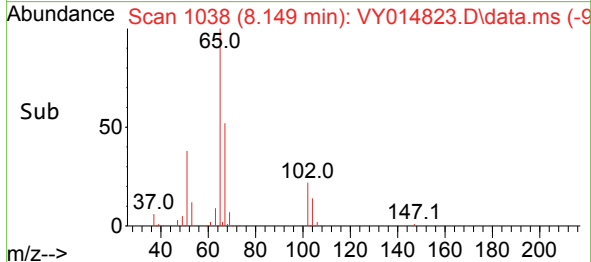
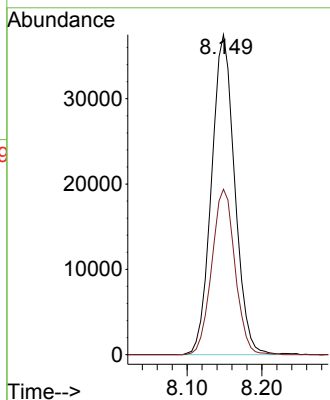
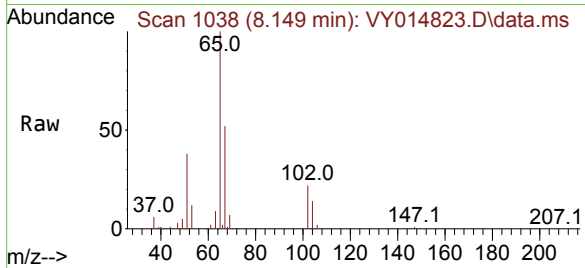




#33
1,2-Dichloroethane-d4
Concen: 48.987 ug/l
RT: 8.149 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

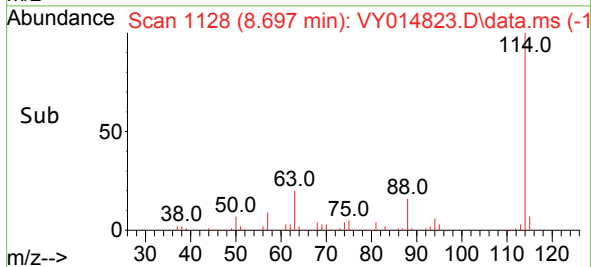
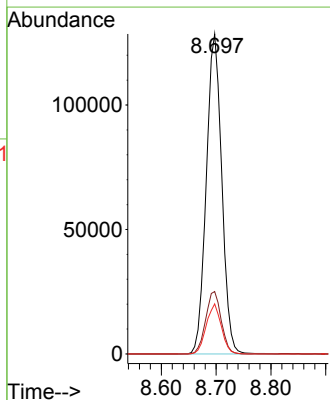
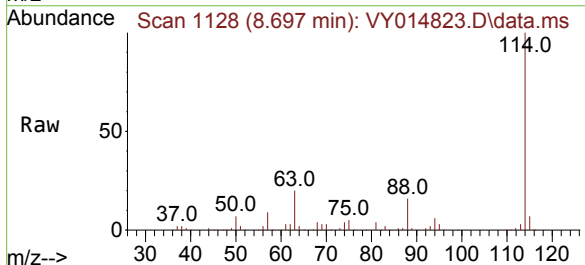
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

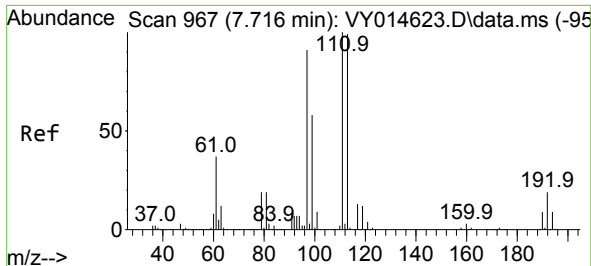
Tgt Ion: 65 Resp: 81074
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion: 114 Resp: 250936
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.6 0.0 30.6

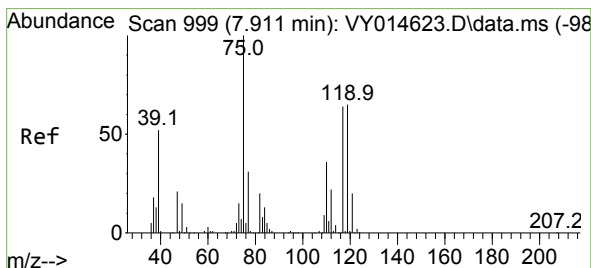
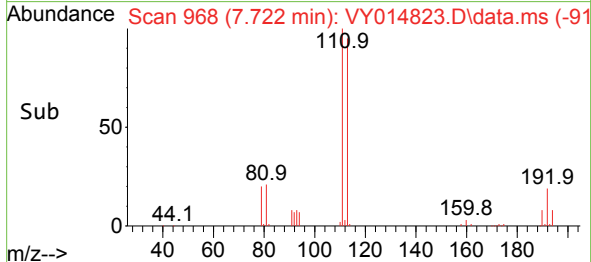
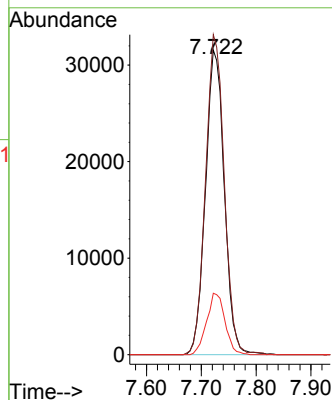
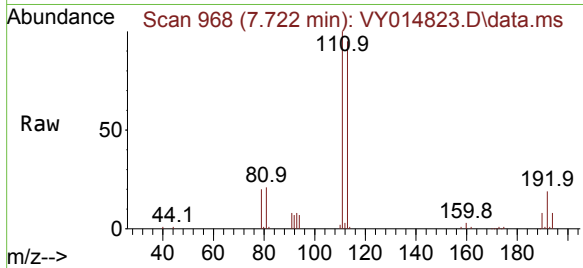




#35
Dibromofluoromethane
Concen: 47.087 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

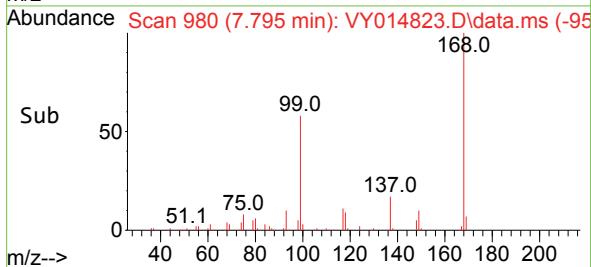
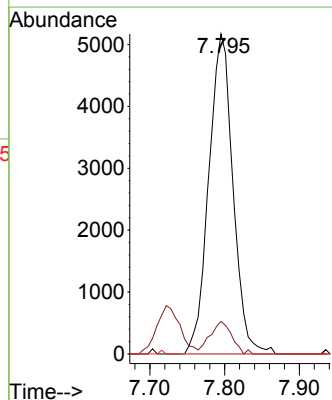
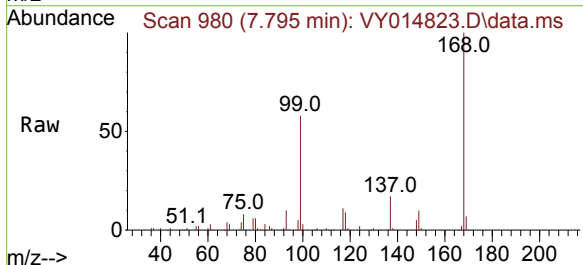
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

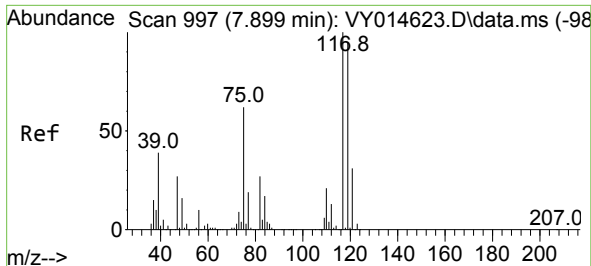
Tgt Ion:113 Resp: 75217
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

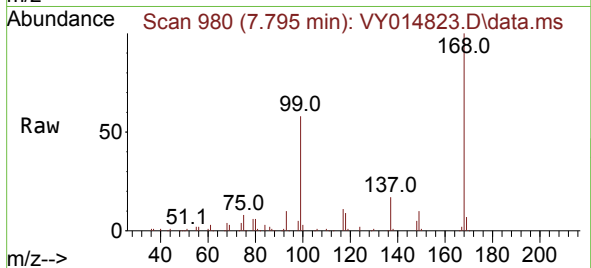
Tgt Ion: 75 Resp: 11653
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



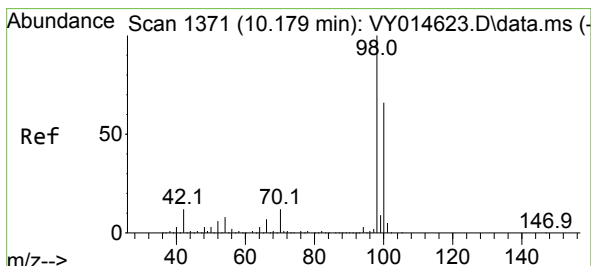
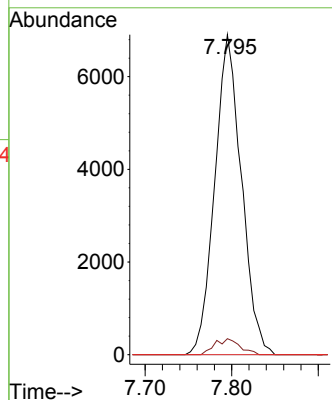
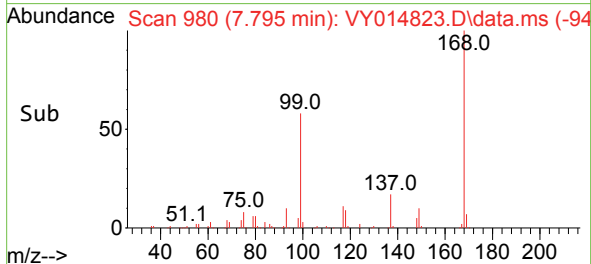


#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

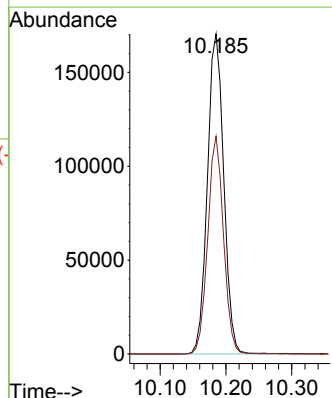
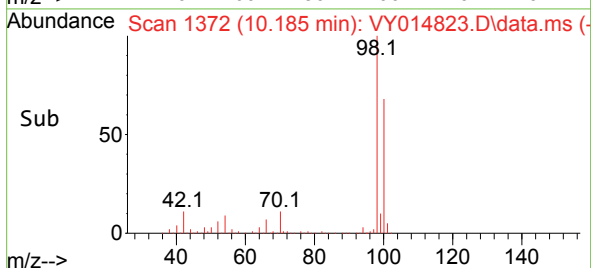
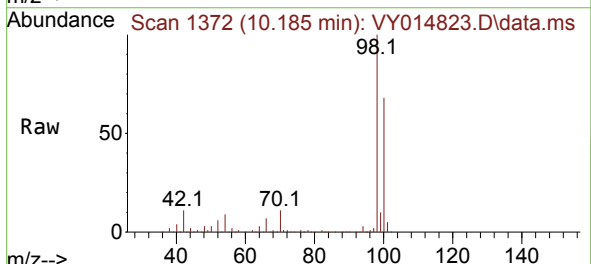


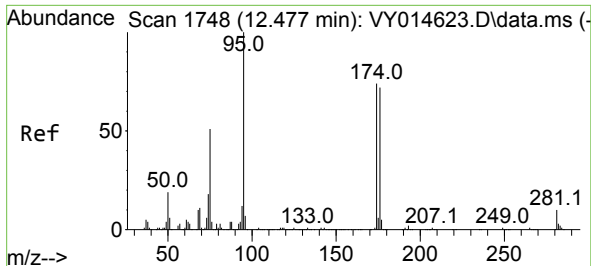
Tgt Ion:117 Resp: 14766
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.038 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion: 98 Resp: 294690
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

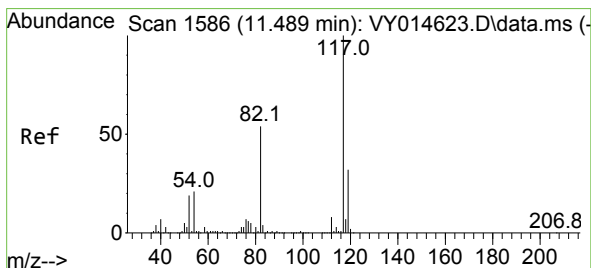
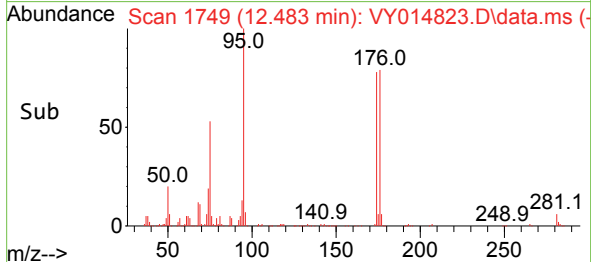
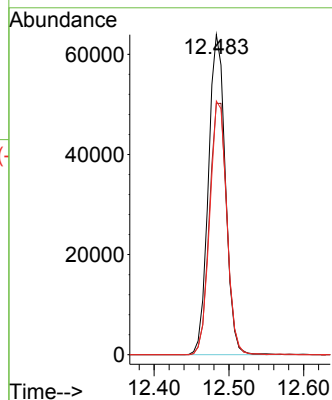
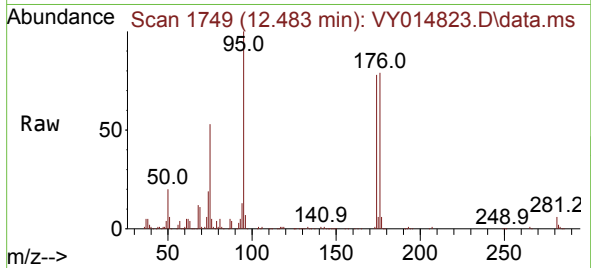




#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

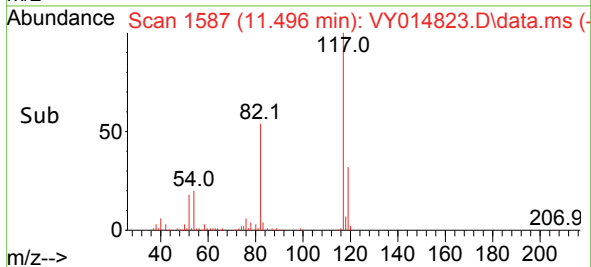
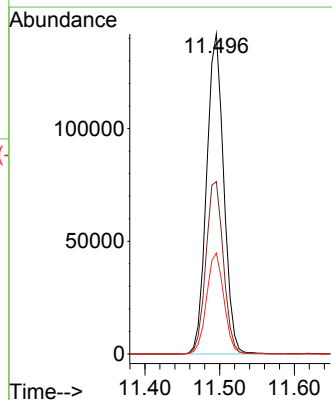
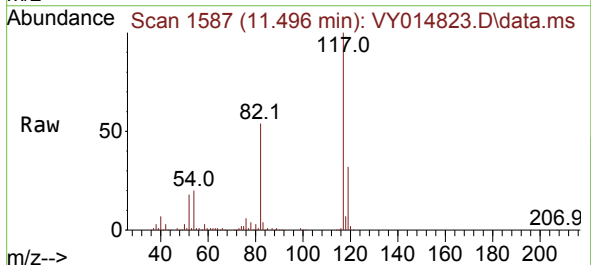
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

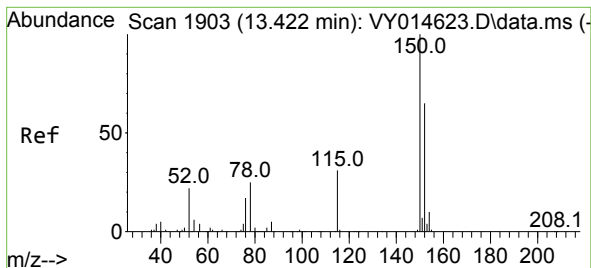
Tgt Ion: 95 Resp: 100990
Ion Ratio Lower Upper
95 100
174 80.3 0.0 178.2
176 79.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion: 117 Resp: 225777
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.6 26.3 39.5

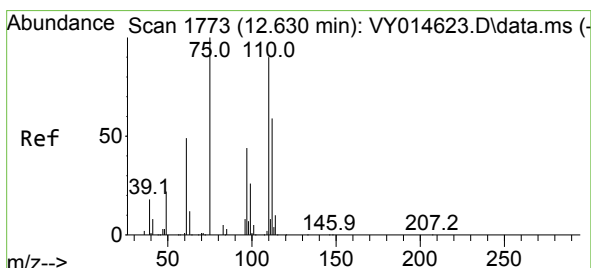
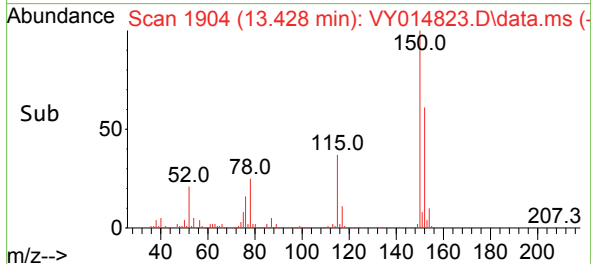
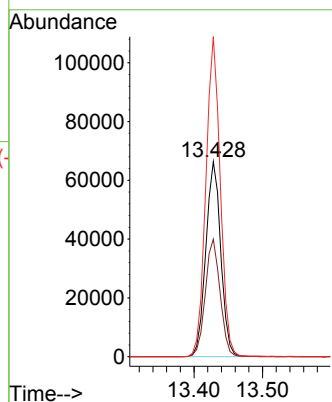
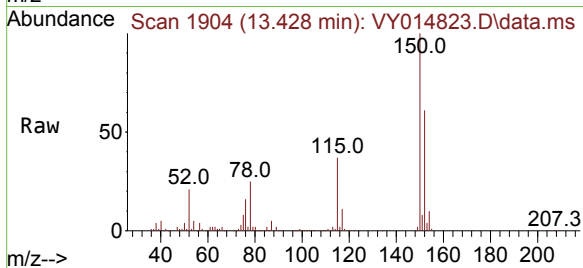




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY014823.D
 Acq: 26 Jul 2023 00:24

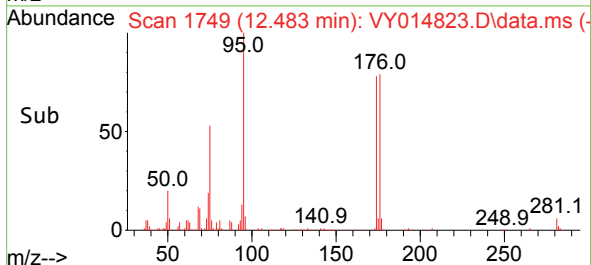
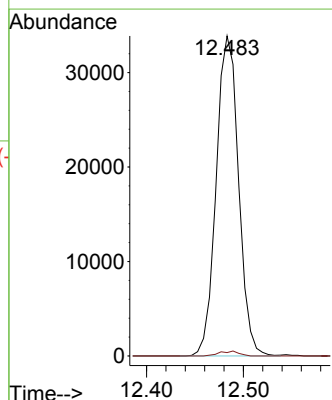
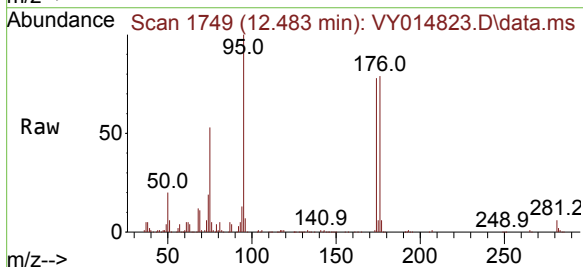
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P24A

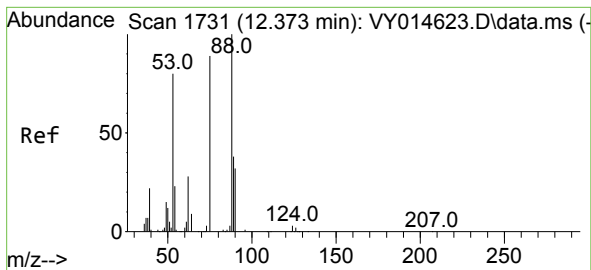
Tgt Ion:152 Resp: 100886
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.8 86.5
 150 158.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 42.672 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY014823.D
 Acq: 26 Jul 2023 00:24

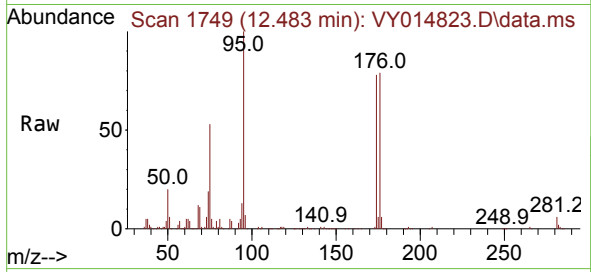
Tgt Ion: 75 Resp: 54371
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.621 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014823.D
 Acq: 26 Jul 2023 00:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P24A



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

