

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014418.D
 Acq On : 23 Jun 2023 19:22
 Operator : KP/MD
 Sample : 03388-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

Quant Time: Jun 23 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82873	52.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.980%
35) Dibromofluoromethane	7.722	113	60353	50.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.185	98	227448	48.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.483	95	72079	42.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.260%

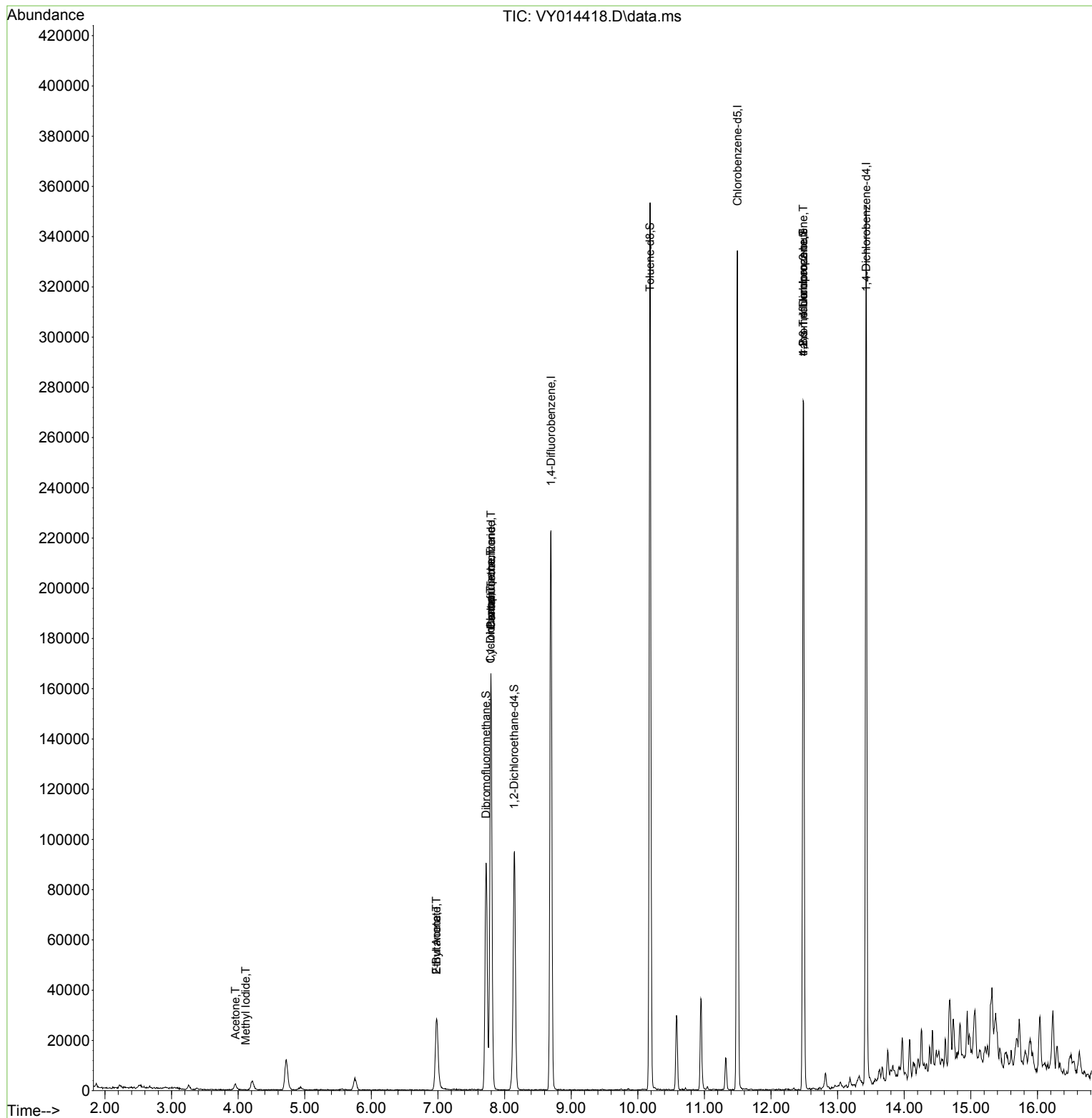
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	106	2.939	ug/l #	38
11) Tert butyl alcohol	4.936	59	767	Below Cal	#	89
16) Acetone	3.960	43	3973	7.998	ug/l	91
25) 2-Butanone	6.978	43	1599	2.584	ug/l #	74
31) Cyclohexane	7.789	56	2670	1.369	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	9283	5.057	ug/l #	54
37) Ethyl Acetate	6.978	43	1599	1.264	ug/l #	1
38) Carbon Tetrachloride	7.795	117	12708	5.501	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42621	38.006	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42621	86.528	ug/l #	11

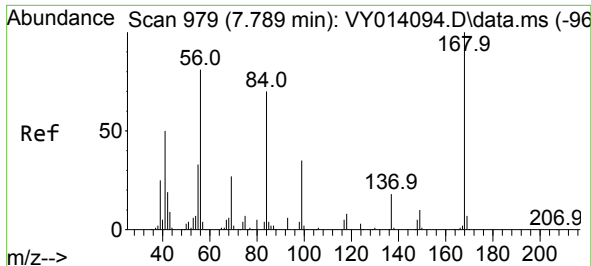
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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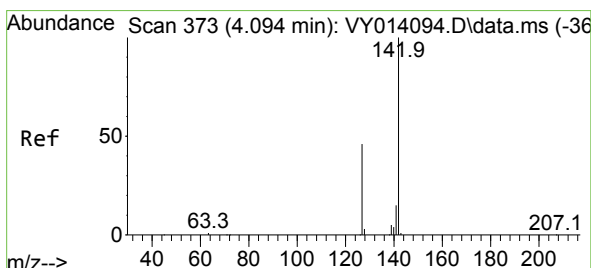
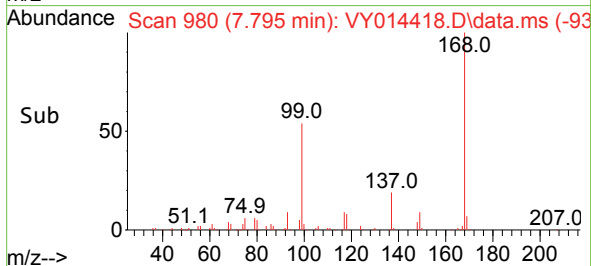
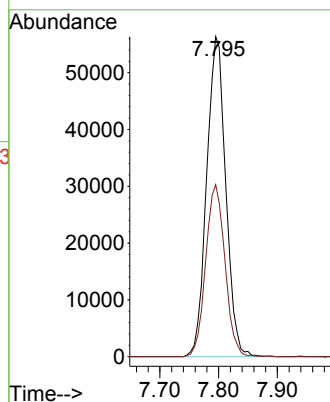
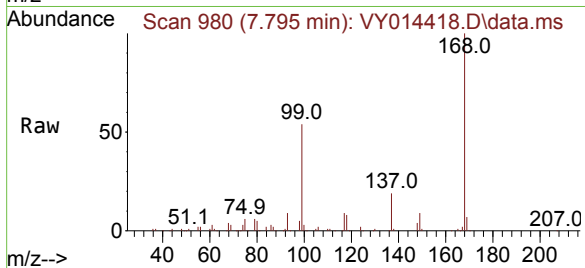




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

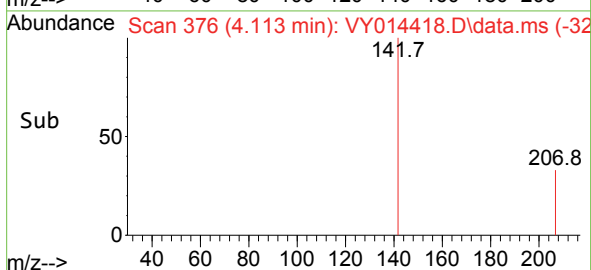
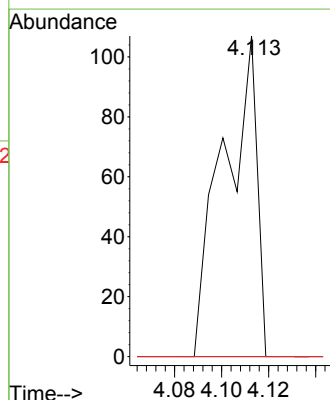
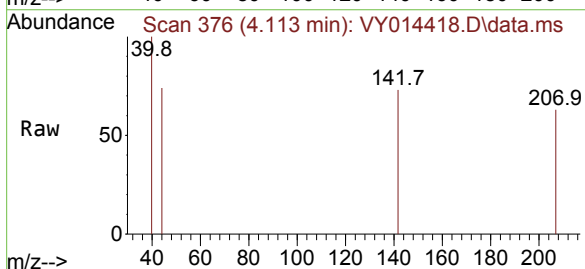
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

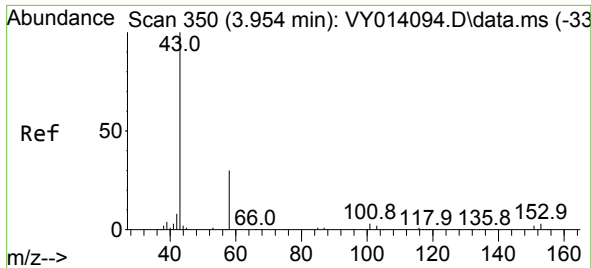
Tgt Ion:168 Resp: 127151
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.939 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion:142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

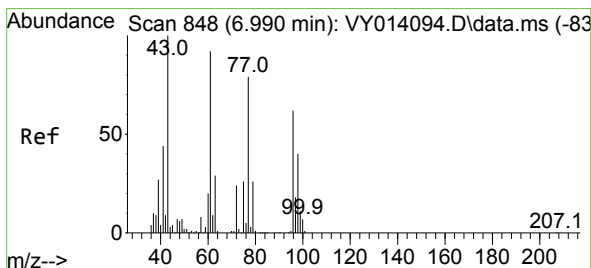
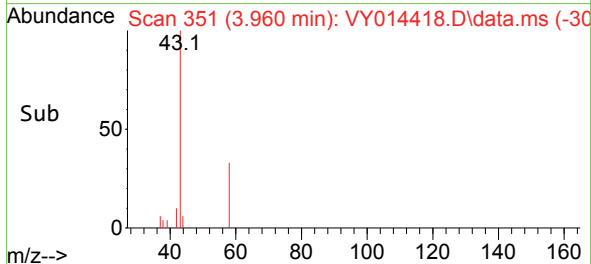
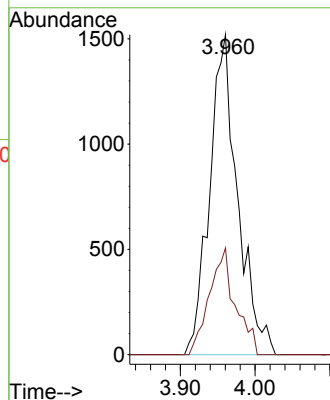
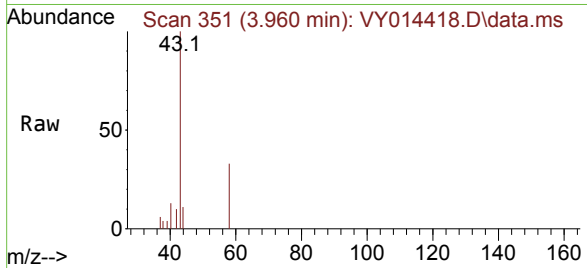




#16
Acetone
Concen: 7.998 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

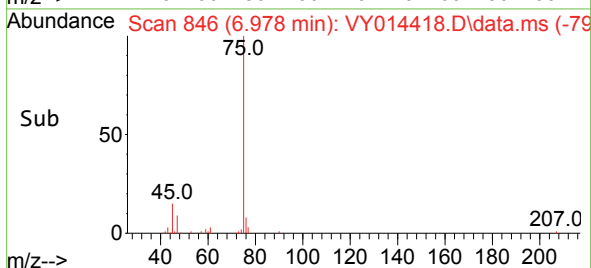
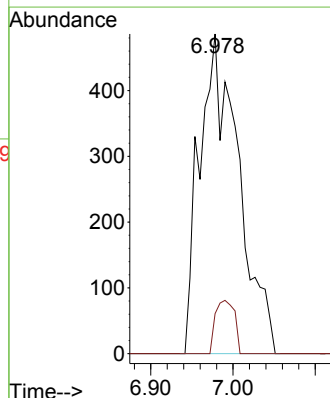
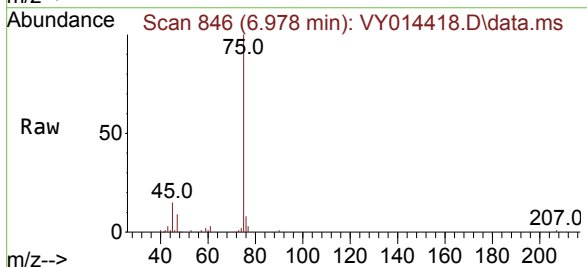
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

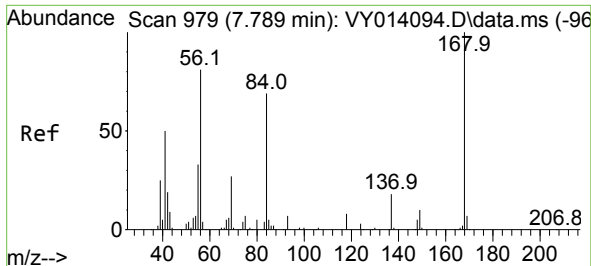
Tgt Ion: 43 Resp: 3973
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1



#25
2-Butanone
Concen: 2.584 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
72 12.6 20.5 30.7#

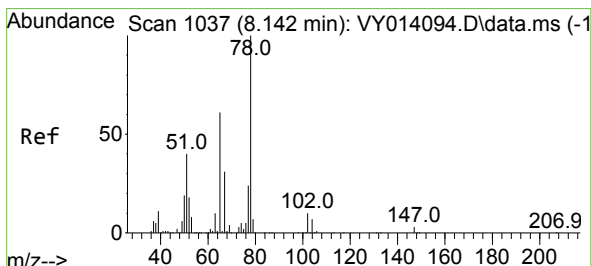
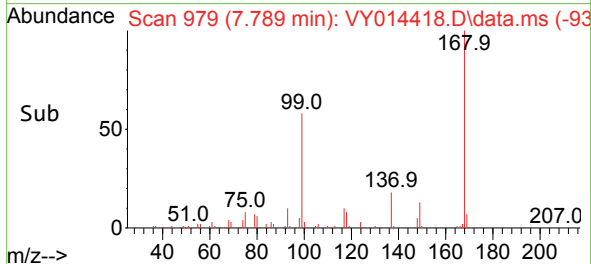
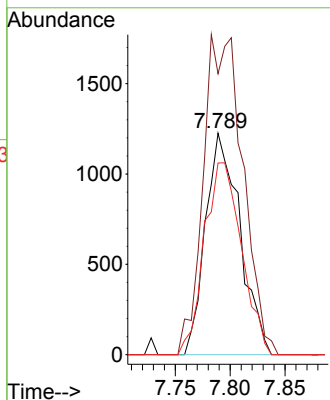
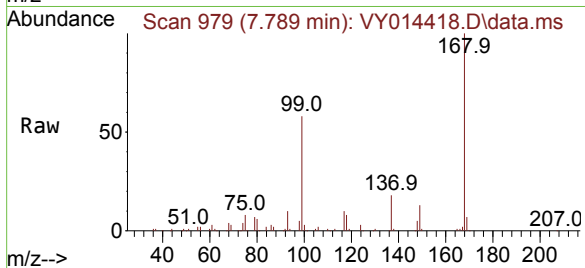




#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

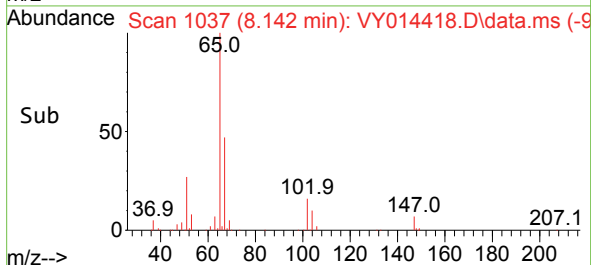
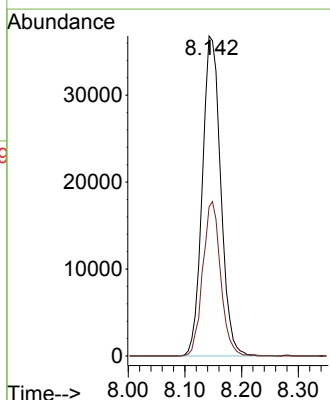
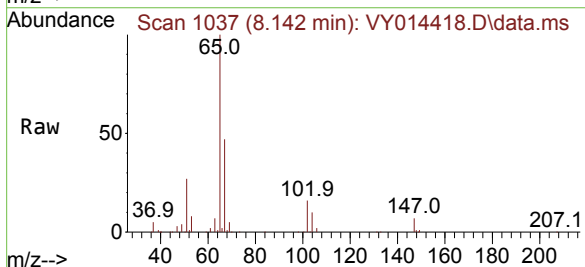
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

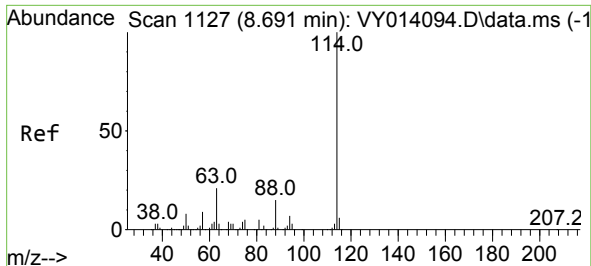
Tgt Ion: 56 Resp: 2670
Ion Ratio Lower Upper
56 100
69 126.8 27.8 41.6#
84 86.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 52.495 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion: 65 Resp: 82873
Ion Ratio Lower Upper
65 100
67 46.9 0.0 101.8

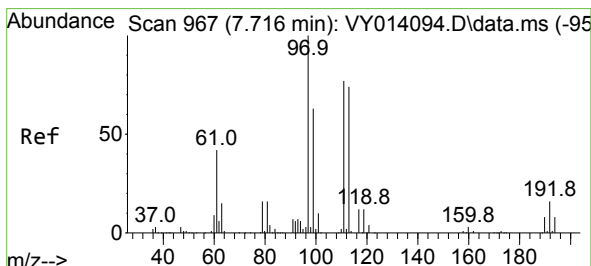
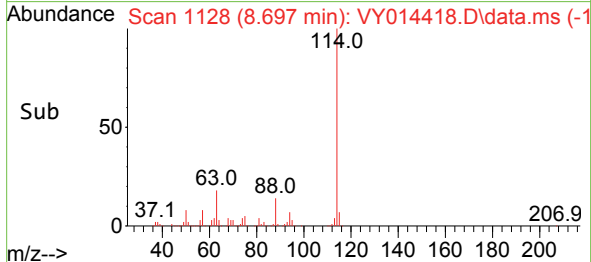
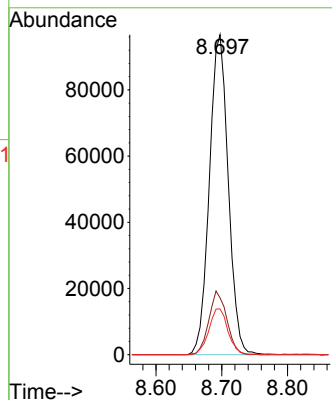
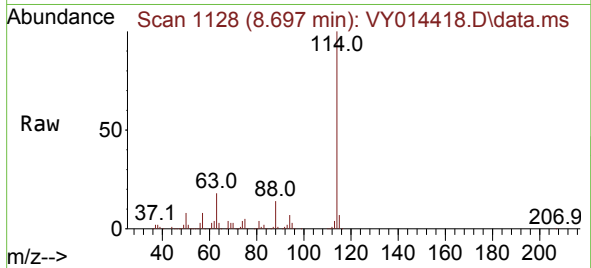




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

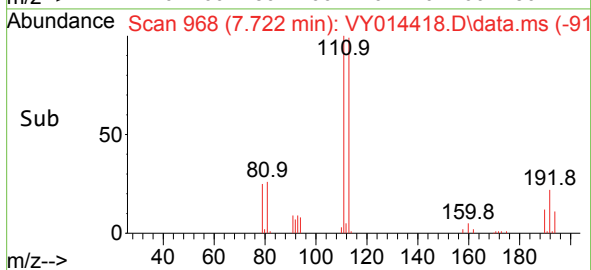
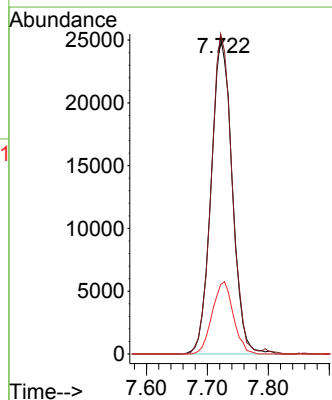
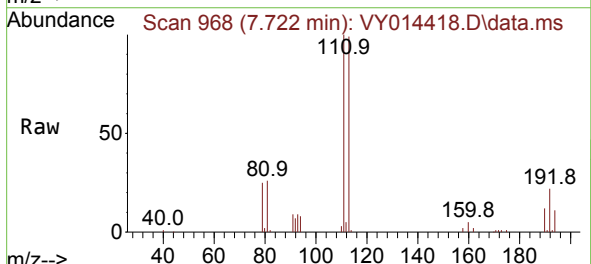
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

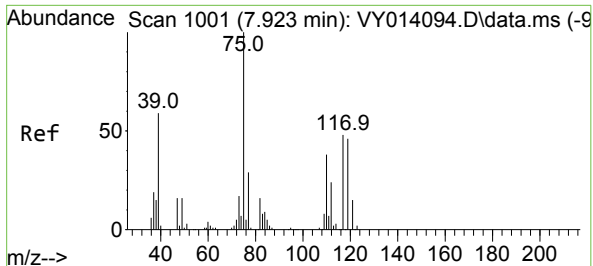
Tgt Ion:114 Resp: 192826
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.661 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion:113 Resp: 60353
Ion Ratio Lower Upper
113 100
111 100.3 81.3 121.9
192 22.9 16.9 25.3

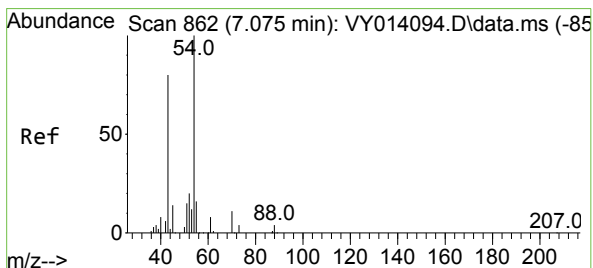
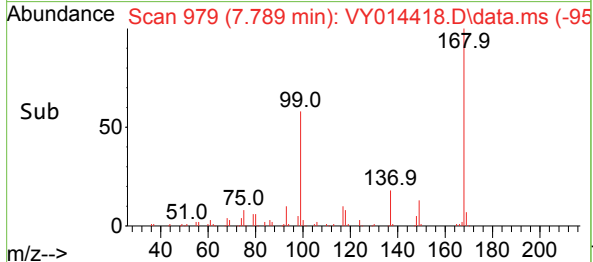
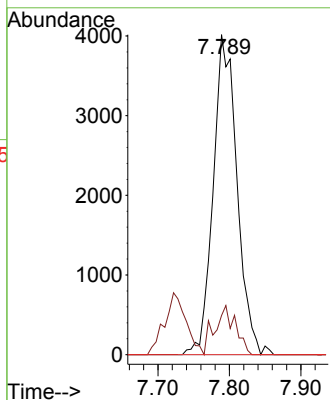
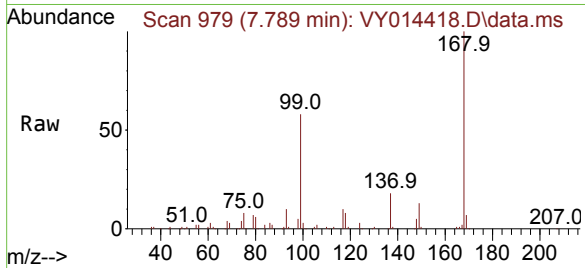




#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

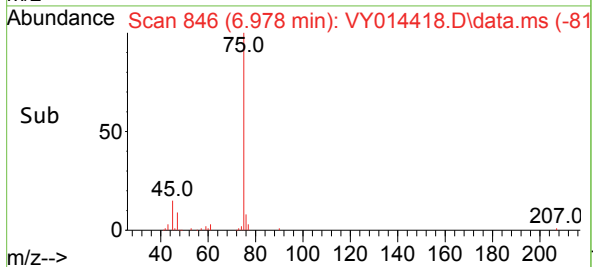
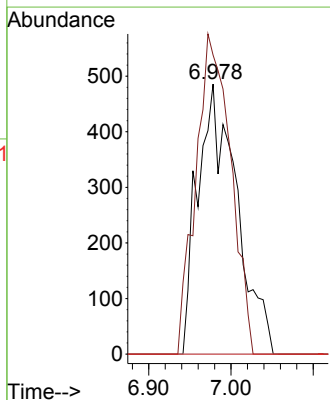
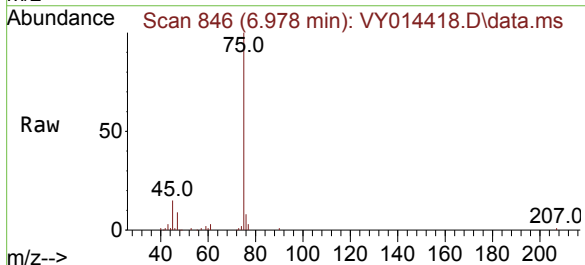
Instrument :
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ClientSampleId :
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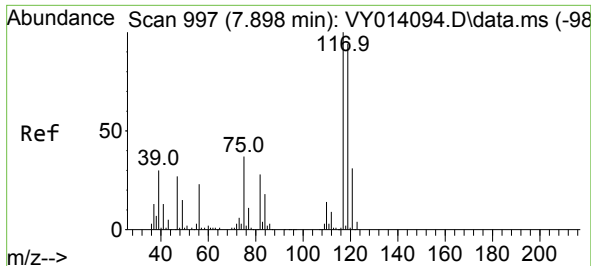
Tgt Ion: 75 Resp: 9283
Ion Ratio Lower Upper
75 100
110 13.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.264 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.097 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
61 105.9 10.1 15.1#
70 0.0 7.1 10.7#

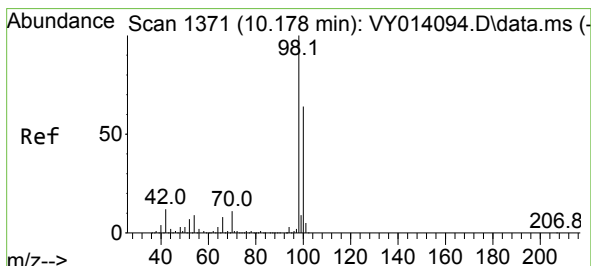
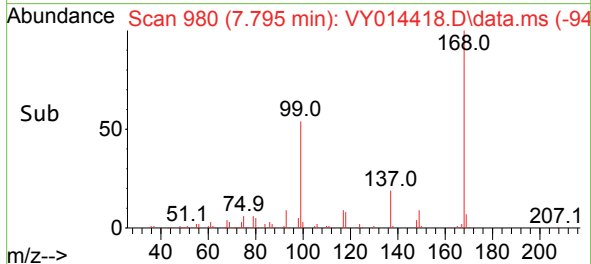
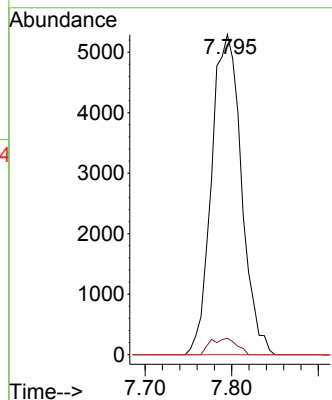
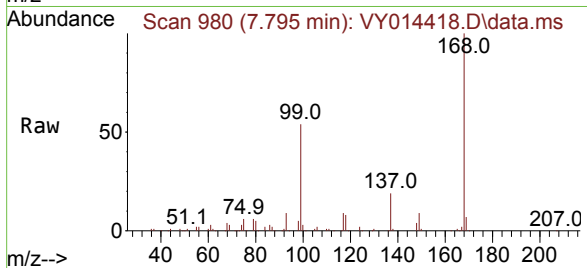




#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

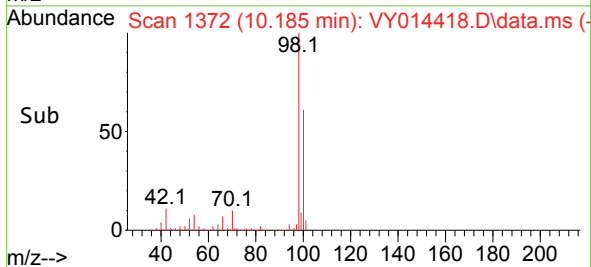
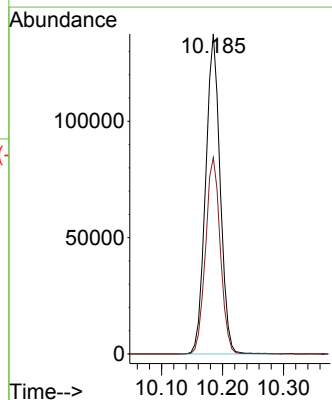
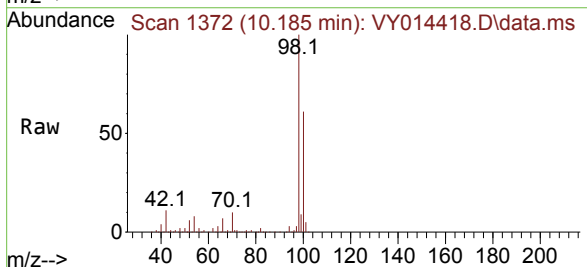
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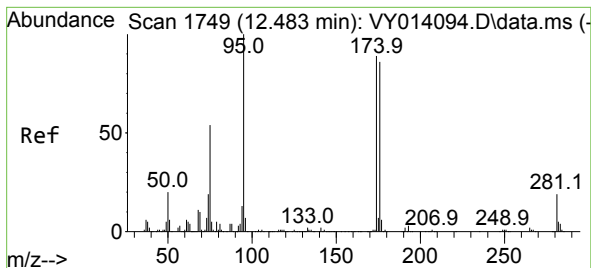
Tgt Ion:117 Resp: 12708
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.029 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion: 98 Resp: 227448
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

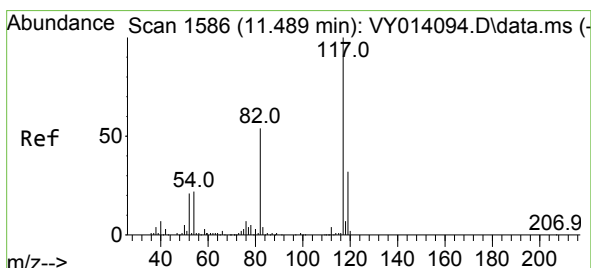
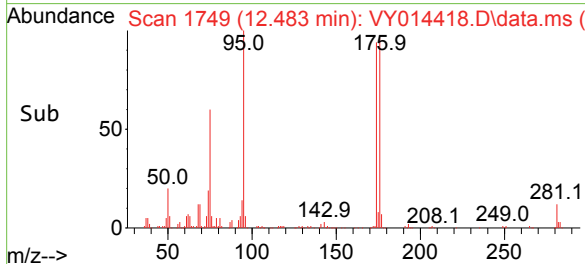
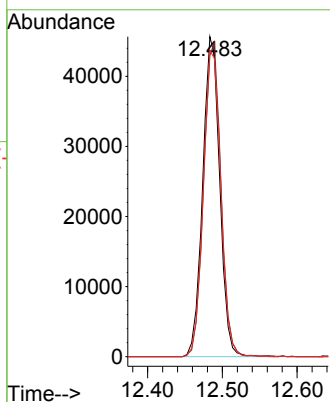
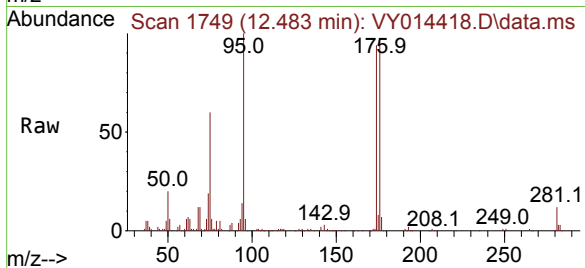




#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

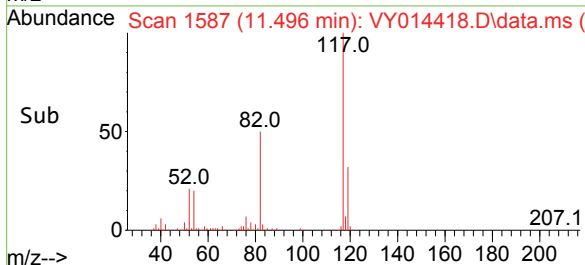
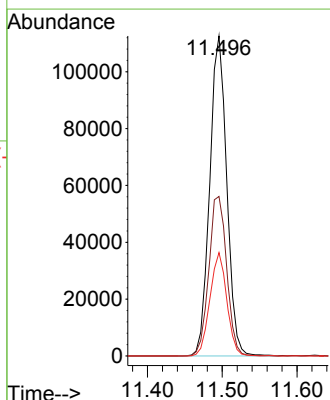
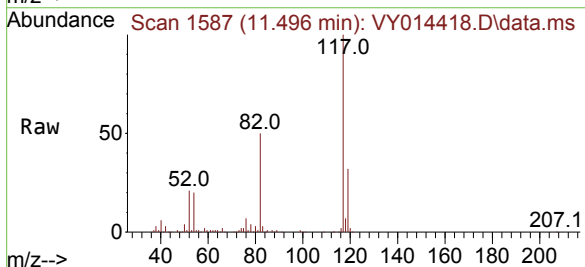
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

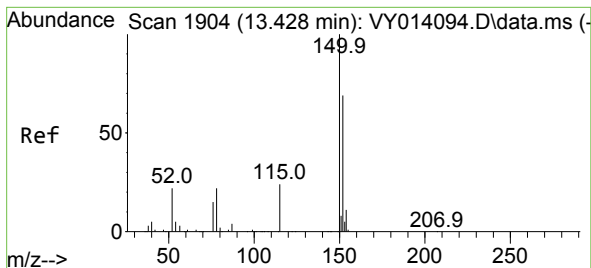
Tgt Ion: 95 Resp: 72079
Ion Ratio Lower Upper
95 100
174 99.7 0.0 178.2
176 97.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014418.D
Acq: 23 Jun 2023 19:22

Tgt Ion: 117 Resp: 178376
Ion Ratio Lower Upper
117 100
82 49.8 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014418.D

Acq: 23 Jun 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-062223

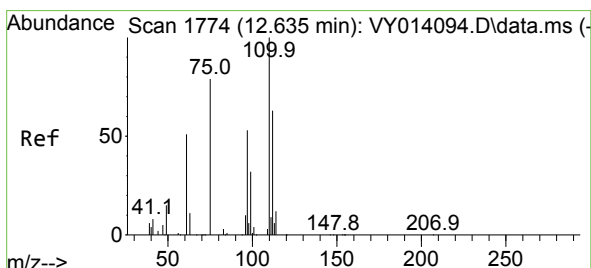
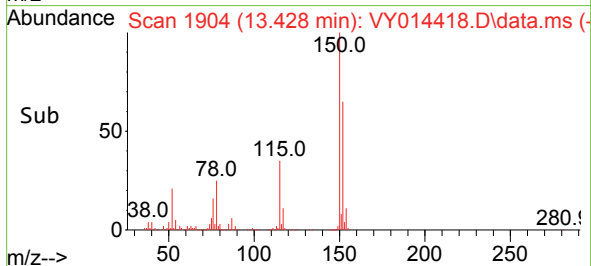
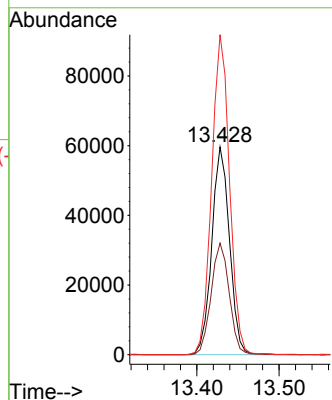
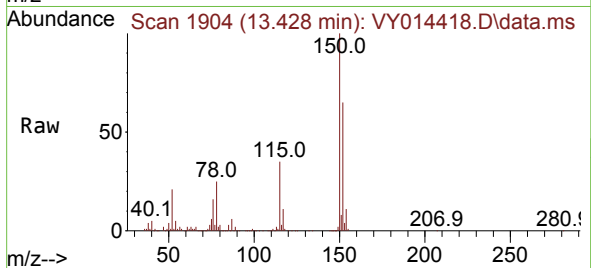
Tgt Ion:152 Resp: 89397

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 155.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.006 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014418.D

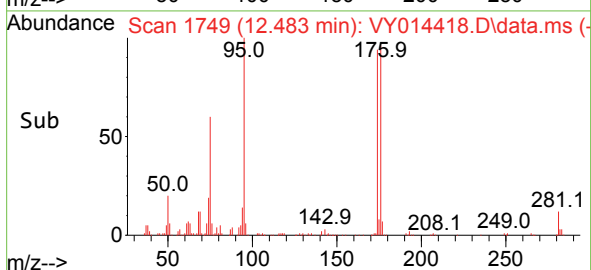
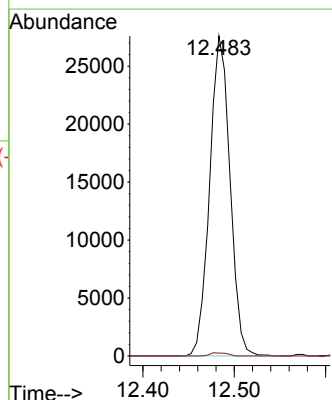
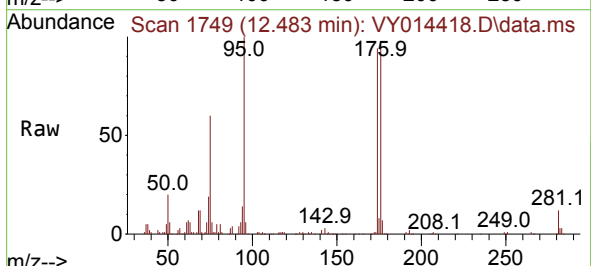
Acq: 23 Jun 2023 19:22

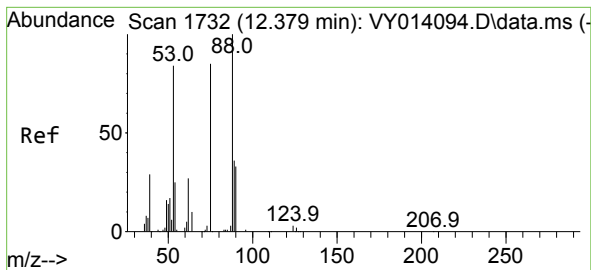
Tgt Ion: 75 Resp: 42621

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.528 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014418.D
 Acq: 23 Jun 2023 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

Tgt Ion: 75 Resp: 42621
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

