

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014439.D
 Acq On : 26 Jun 2023 17:14
 Operator : KP/MD
 Sample : 03375-02
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(8-10)

Quant Time: Jun 27 01:49:44 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	7.789	168	180497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121424	54.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.360%
35) Dibromofluoromethane	7.722	113	86651	50.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.179	98	327066	48.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.483	95	109109	45.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.200%

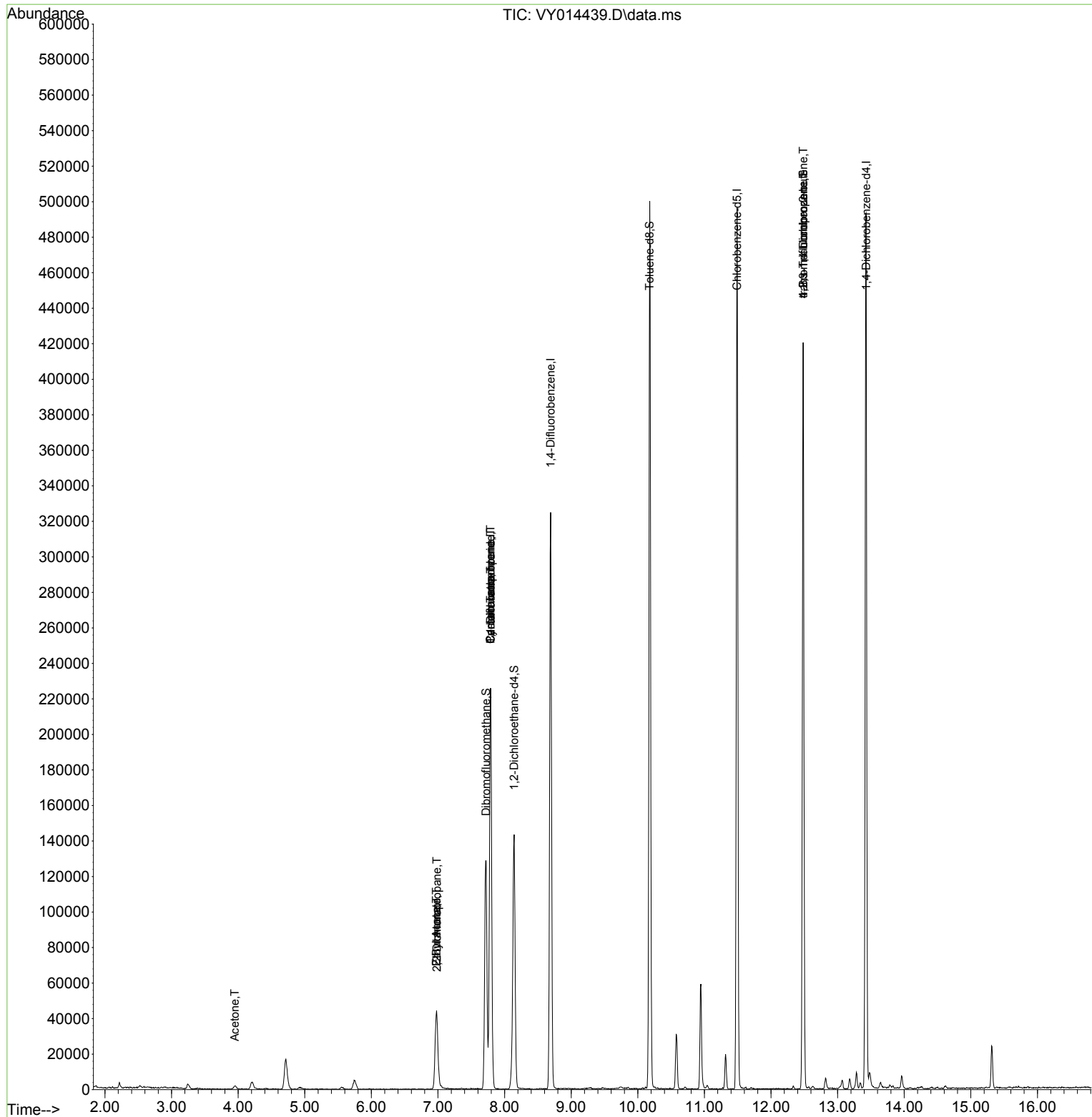
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	1590	Below Cal	#	89
16) Acetone	3.948	43	3272	4.640	ug/l #	67
25) 2-Butanone	6.978	43	2496	2.842	ug/l #	72
26) 2,2-Dichloropropane	6.984	77	3353	1.012	ug/l #	54
31) Cyclohexane	7.789	56	3657	1.321	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	12487	4.753	ug/l #	53
37) Ethyl Acetate	6.978	43	2496	1.379	ug/l #	1
38) Carbon Tetrachloride	7.789	117	17051	5.158	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61730	36.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61730	83.651	ug/l #	11

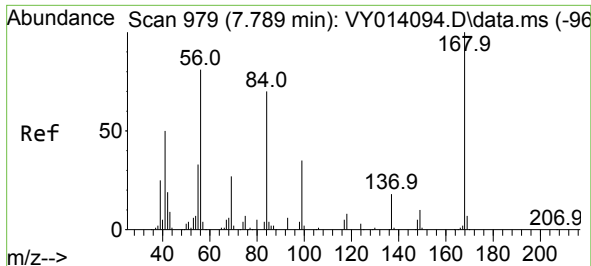
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

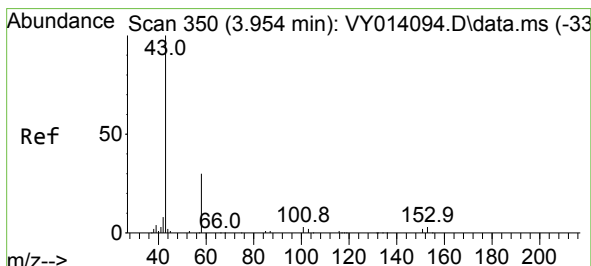
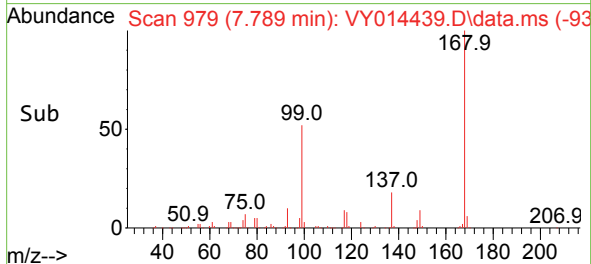
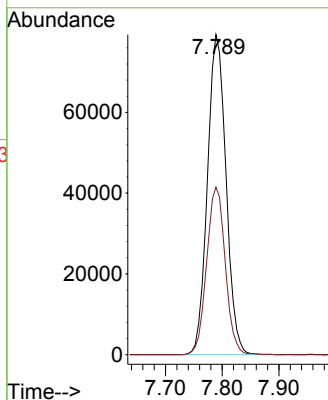
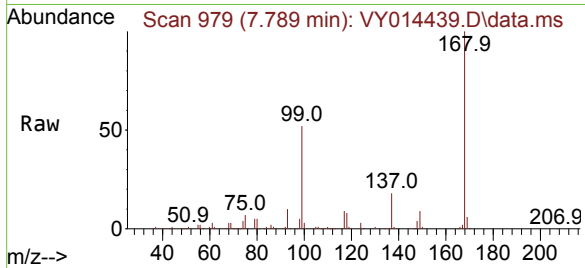




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

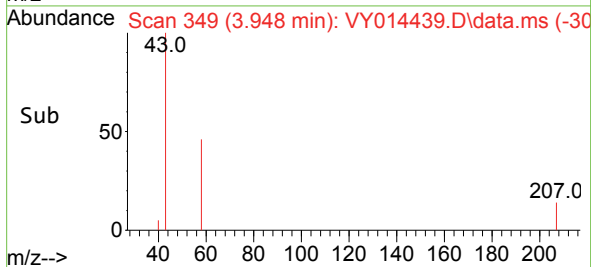
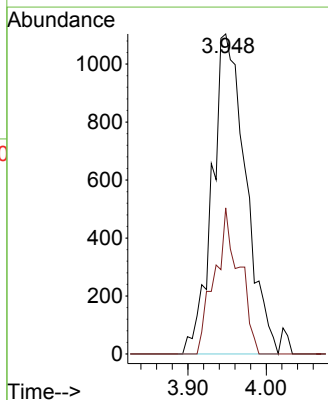
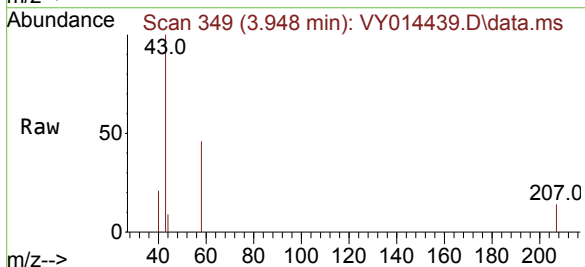
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

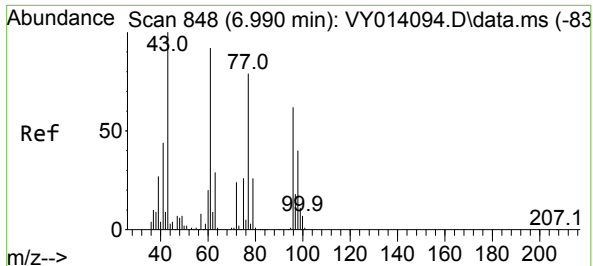
Tgt Ion:168 Resp: 180497
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#16
Acetone
Concen: 4.640 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 45.7 22.7 34.1#

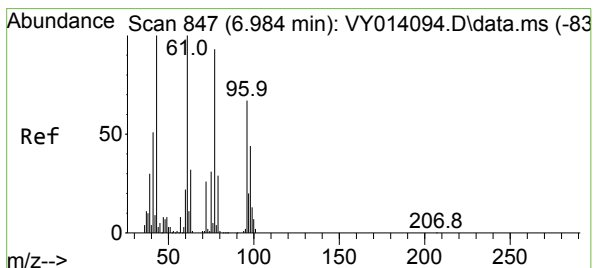
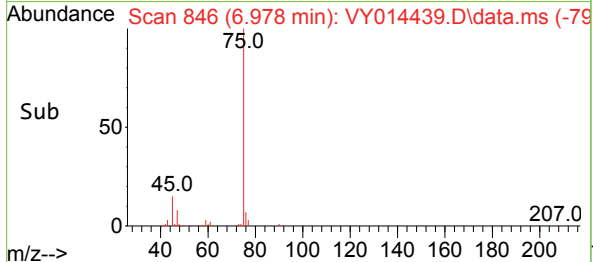
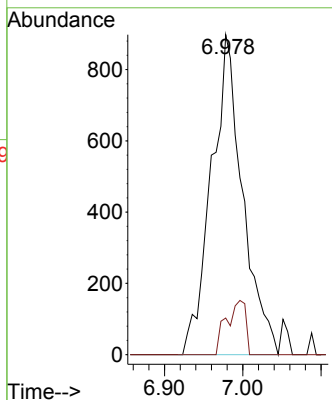
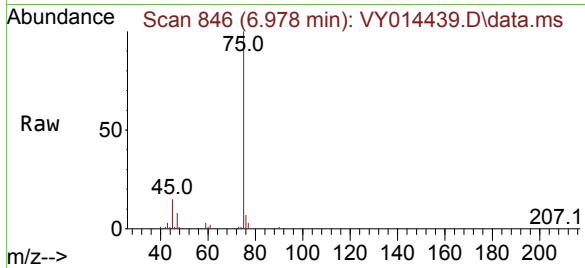




#25
2-Butanone
Concen: 2.842 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

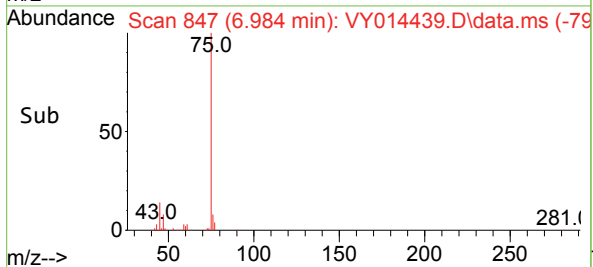
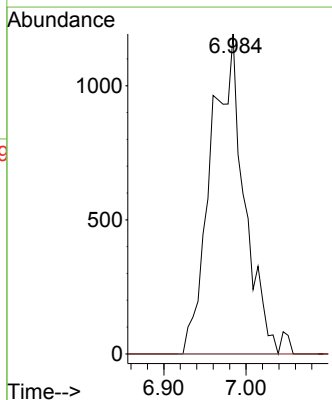
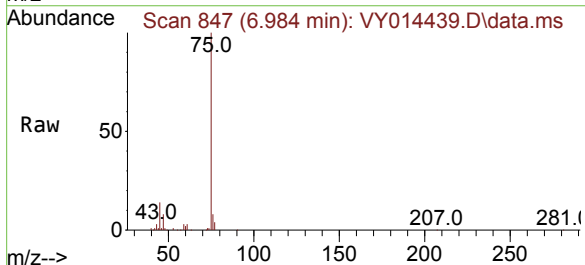
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

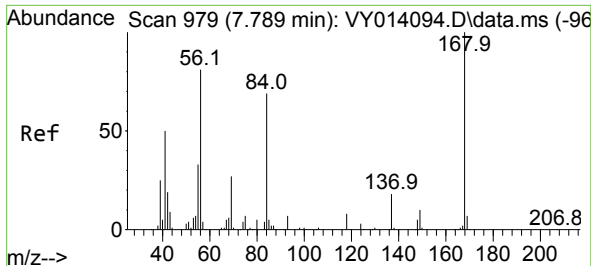
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
72 11.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.012 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 77 Resp: 3353
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

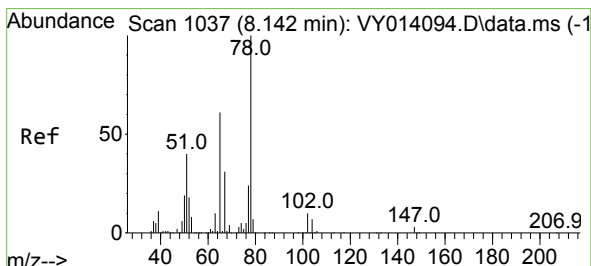
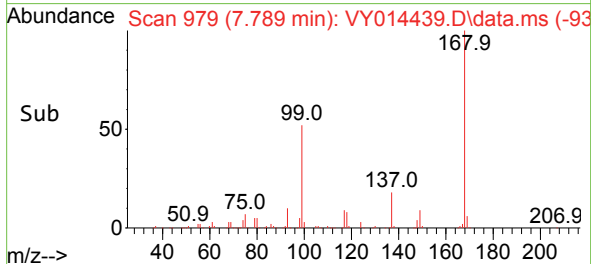
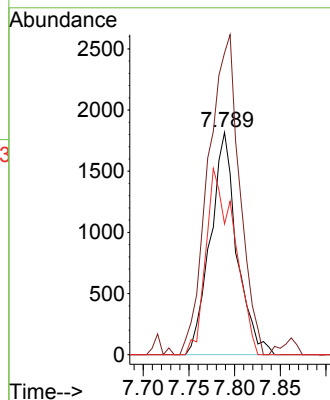
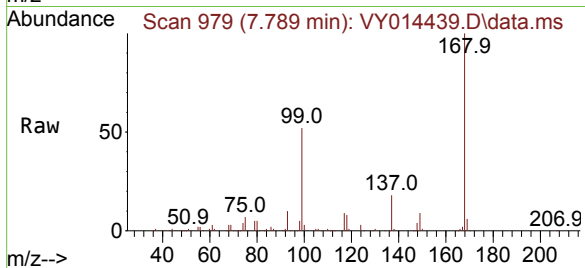




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

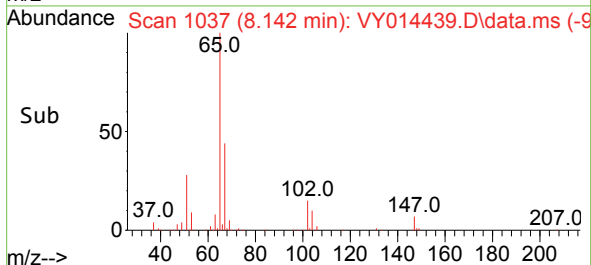
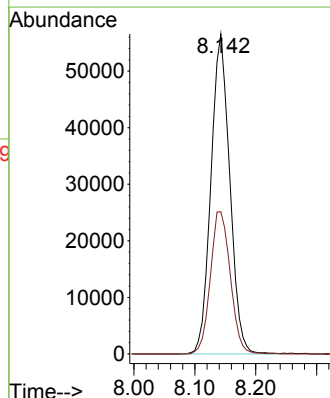
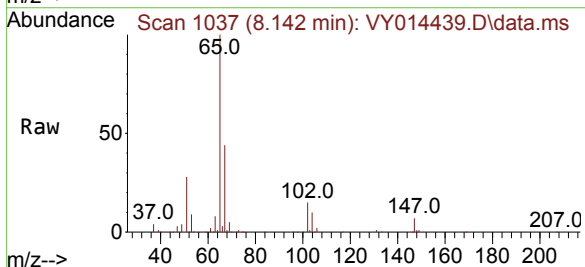
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

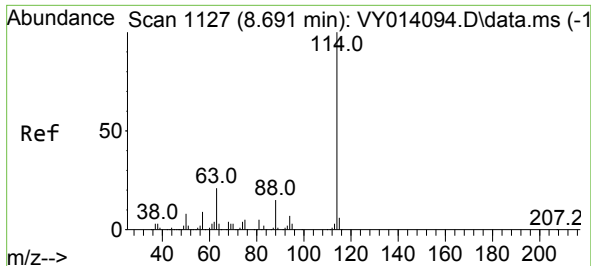
Tgt Ion: 56 Resp: 3657
Ion Ratio Lower Upper
56 100
69 135.8 27.8 41.6#
84 58.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.182 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 65 Resp: 121424
Ion Ratio Lower Upper
65 100
67 47.1 0.0 101.8

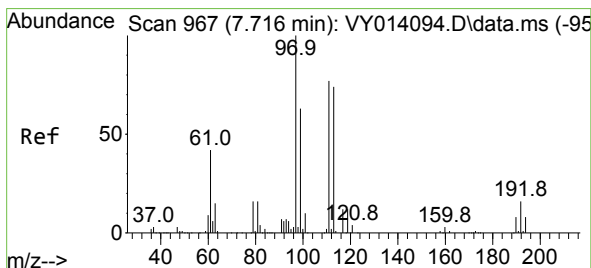
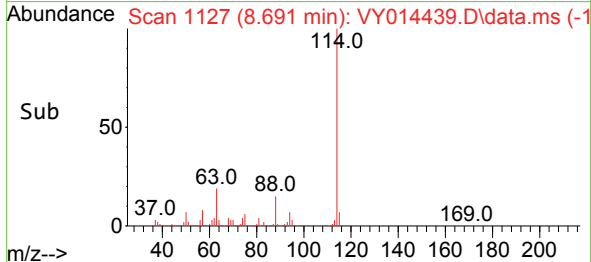
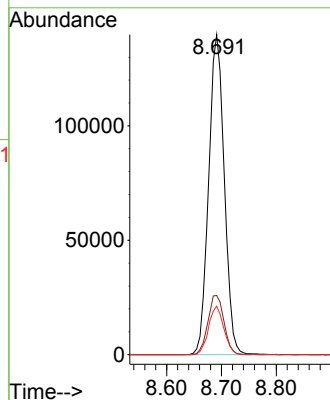
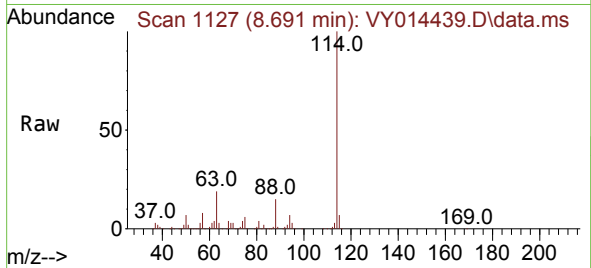




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

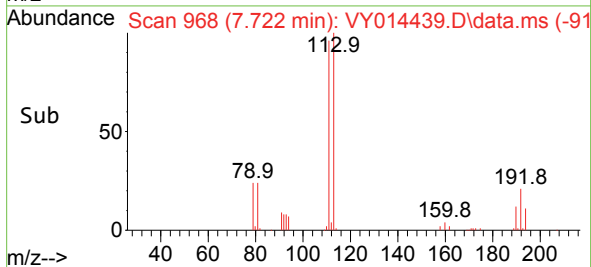
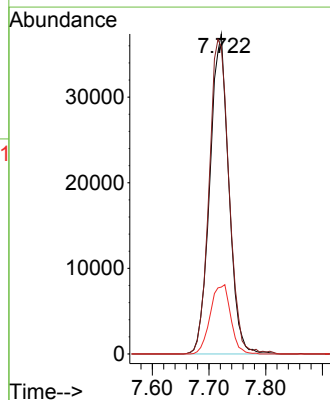
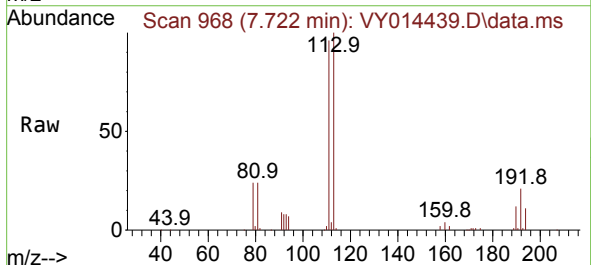
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

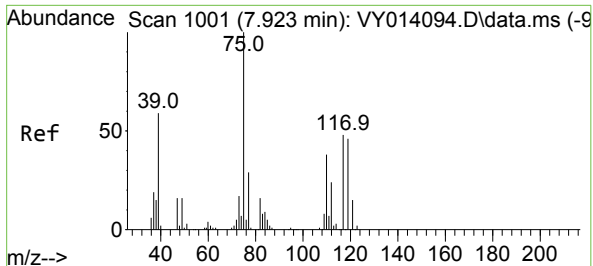
Tgt Ion:114 Resp: 275936
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.828 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion:113 Resp: 86651
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 23.2 16.9 25.3

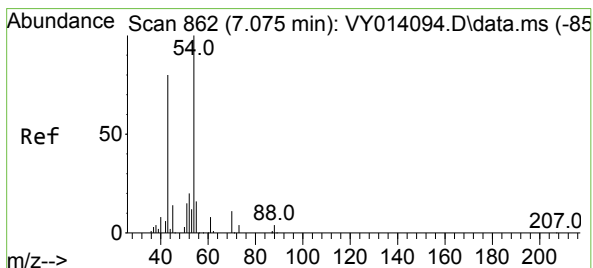
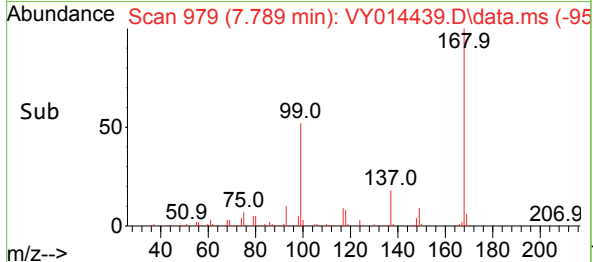
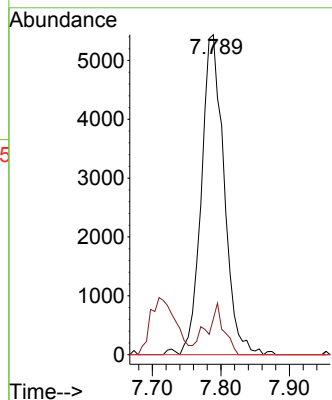
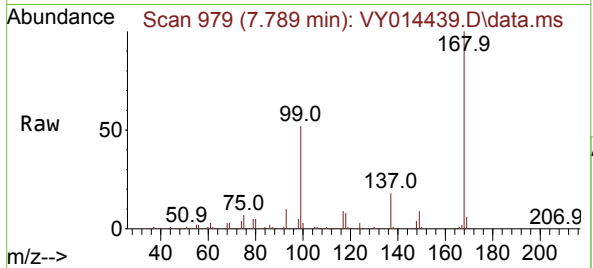




#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

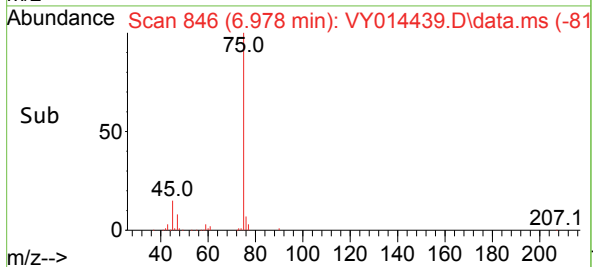
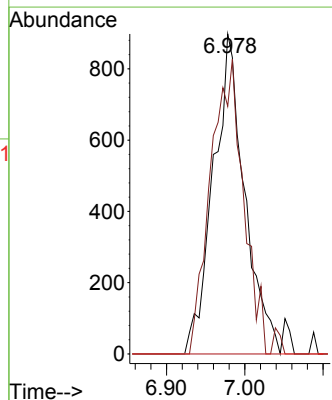
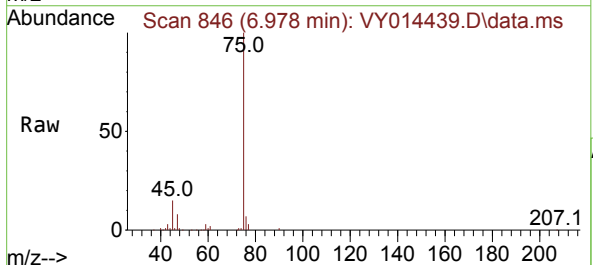
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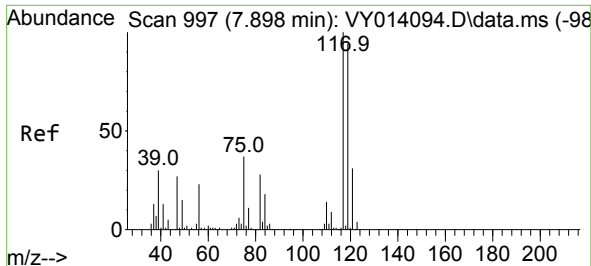
Tgt Ion: 75 Resp: 12487
Ion Ratio Lower Upper
75 100
110 12.2 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.379 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.097 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
61 96.2 10.1 15.1#
70 0.0 7.1 10.7#

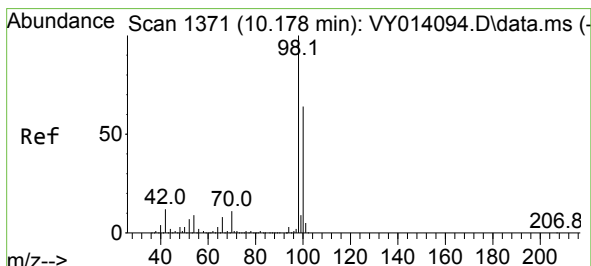
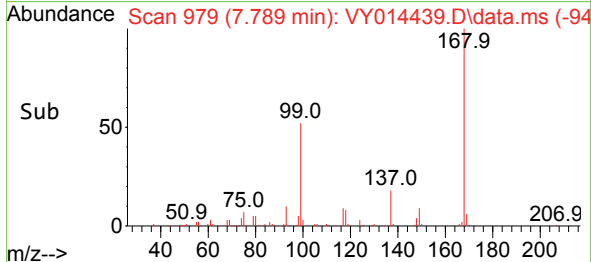
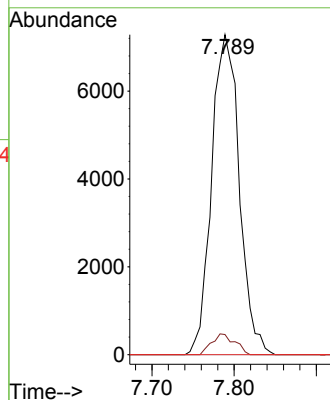
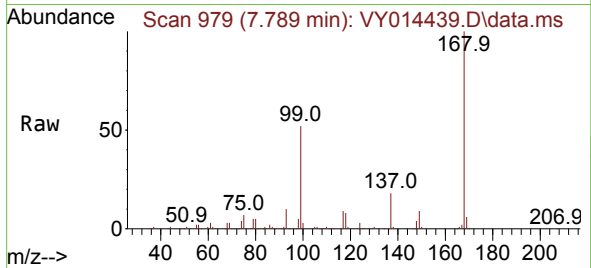




#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

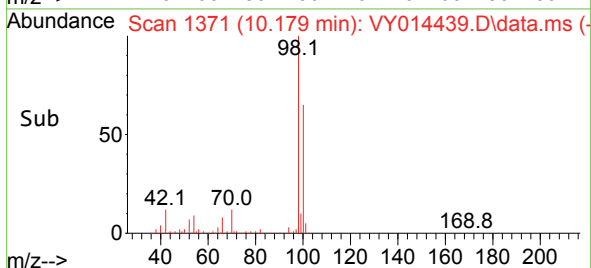
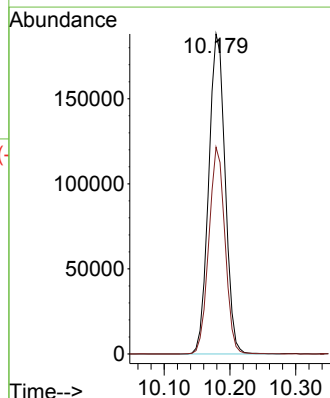
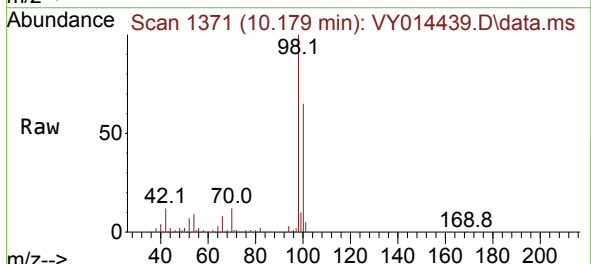
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SB-5(8-10)

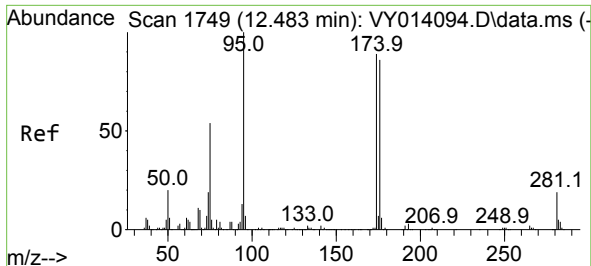
Tgt Ion:117 Resp: 17051
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.263 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 98 Resp: 327066
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

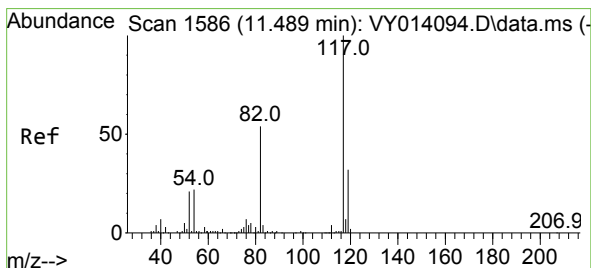
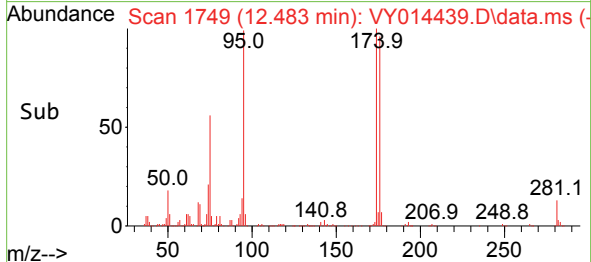
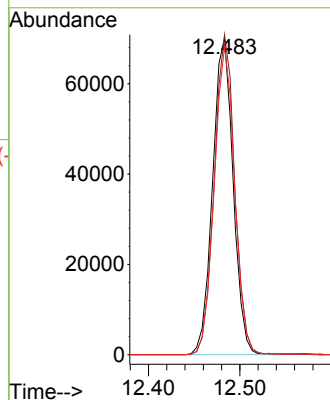
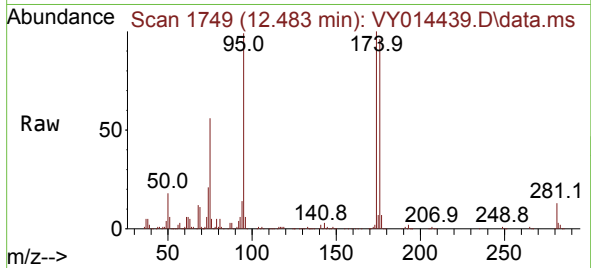




#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

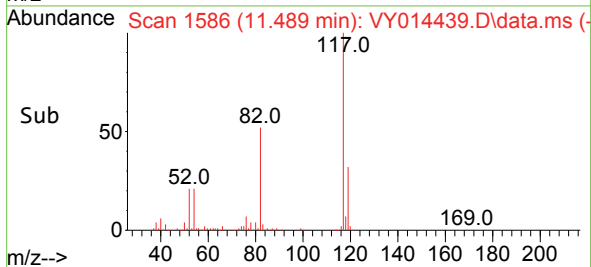
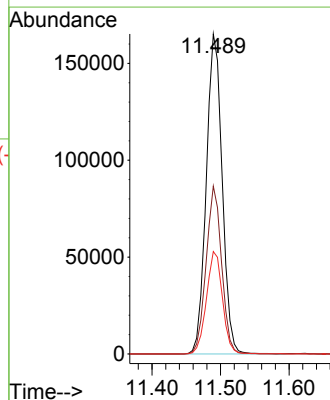
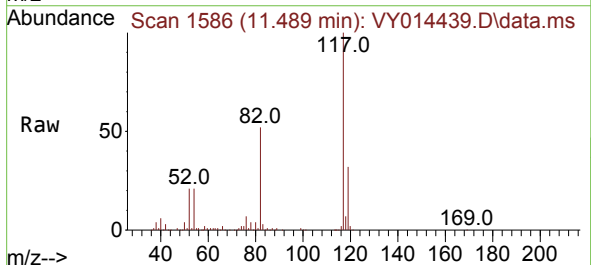
Instrument :
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SB-5(8-10)

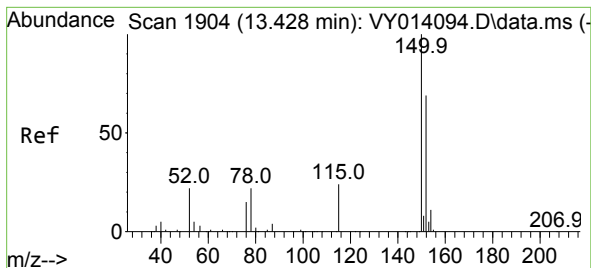
Tgt Ion: 95 Resp: 109109
Ion Ratio Lower Upper
95 100
174 100.9 0.0 178.2
176 97.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 117 Resp: 267070
Ion Ratio Lower Upper
117 100
82 52.4 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# 1904

Delta R.T. 0.000 min

Lab File: VY014439.D

Acq: 26 Jun 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(8-10)

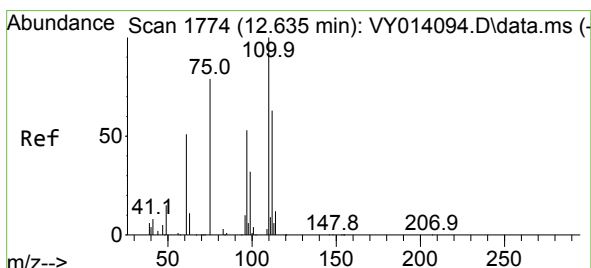
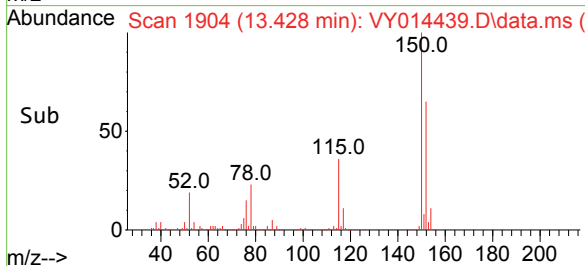
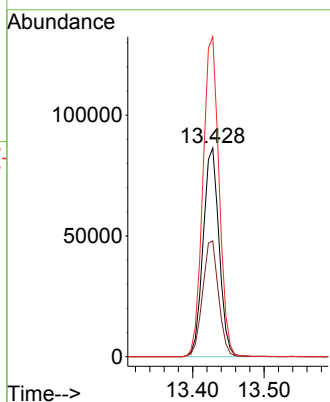
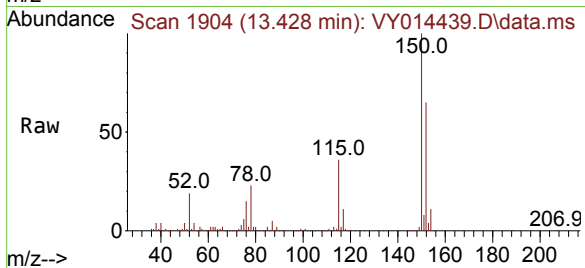
Tgt Ion:152 Resp: 133931

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 155.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.743 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014439.D

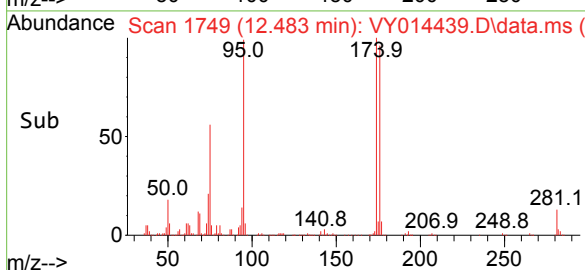
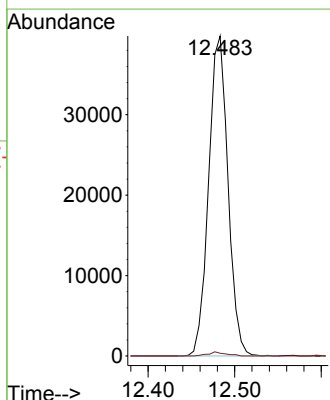
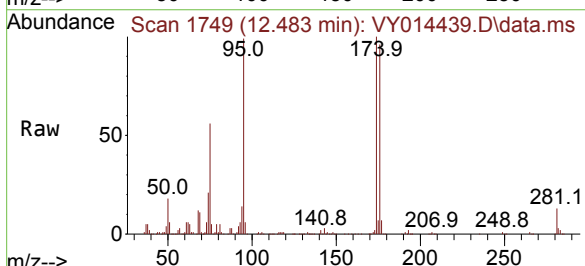
Acq: 26 Jun 2023 17:14

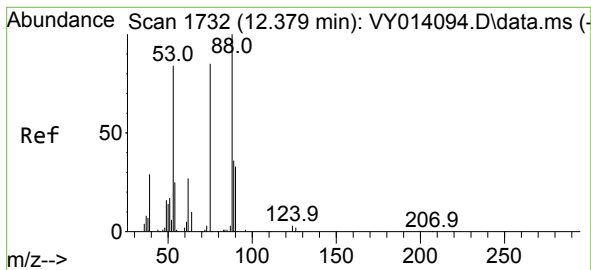
Tgt Ion: 75 Resp: 61730

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.651 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014439.D
 Acq: 26 Jun 2023 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(8-10)

Tgt Ion: 75 Resp: 61730
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

