

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014827.D
 Acq On : 26 Jul 2023 01:58
 Operator : SY/MD
 Sample : 03741-08
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26A

Quant Time: Jul 26 03:35:33 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	165153	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	295113	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	282994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106341	56.505	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.728	113	94454	50.278	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.185	98	352115	50.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.483	95	129168	48.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%

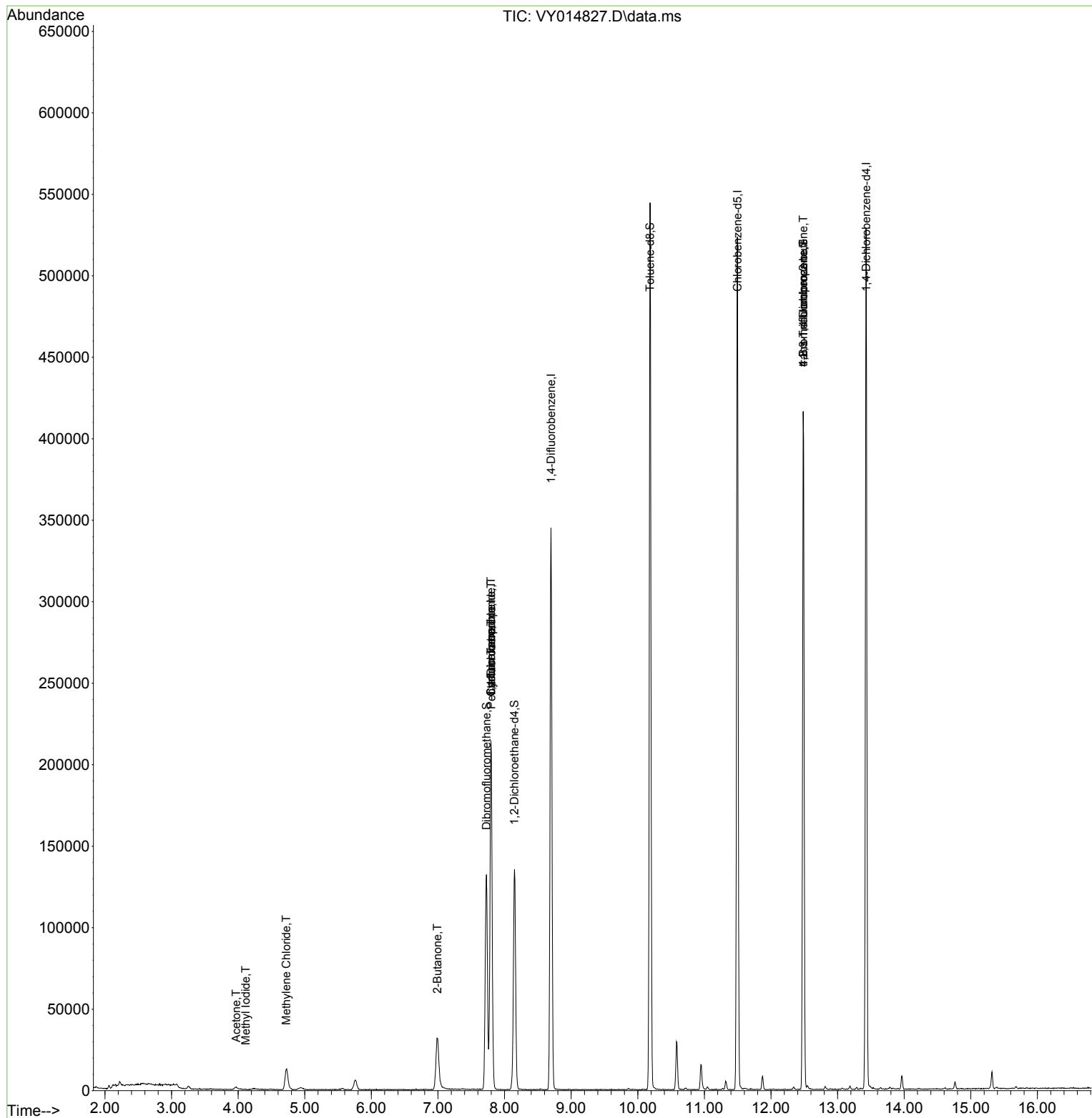
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	141	2.442	ug/l #	38
11) Tert butyl alcohol	4.954	59	1766	Below Cal	#	89
16) Acetone	3.973	43	3223	5.404	ug/l	93
20) Methylene Chloride	4.723	84	9963	1.005	ug/l	91
25) 2-Butanone	6.990	43	1957	2.243	ug/l #	85
31) Cyclohexane	7.795	56	3364	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13156	4.683	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16651	5.607	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69509	41.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69509	80.913	ug/l #	10

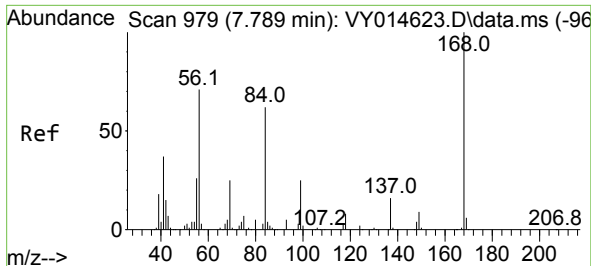
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014827.D
Acq On : 26 Jul 2023 01:58
Operator : SY/MD
Sample : 03741-08
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

Quant Time: Jul 26 03:35:33 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

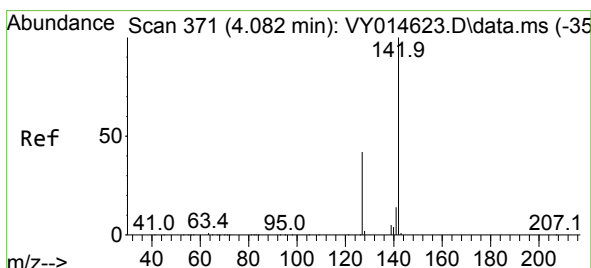
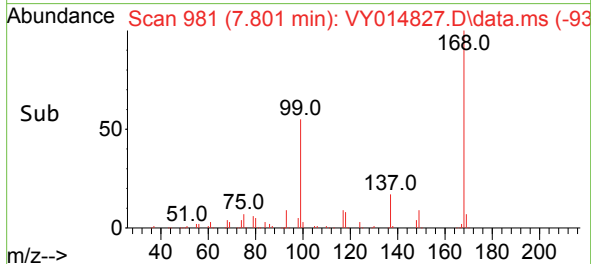
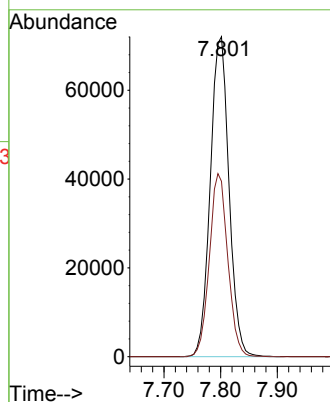
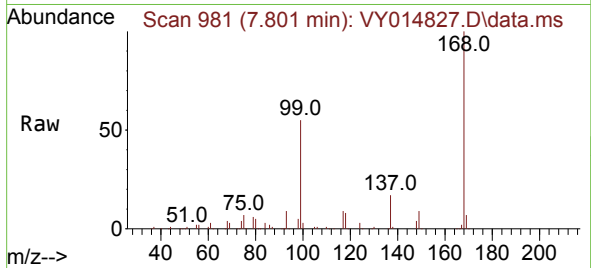




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

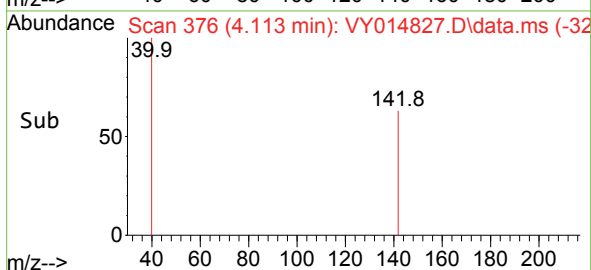
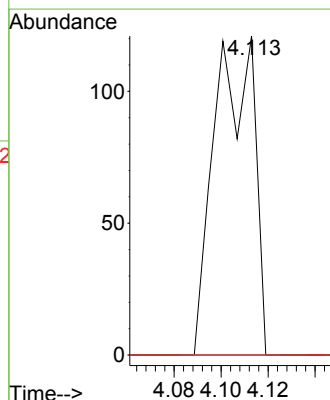
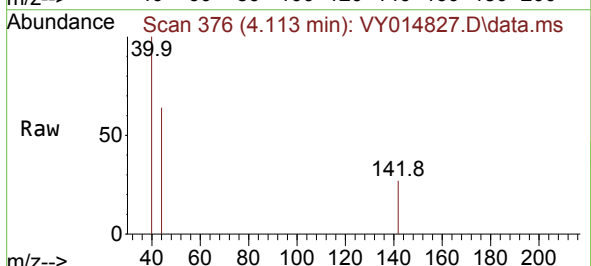
Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

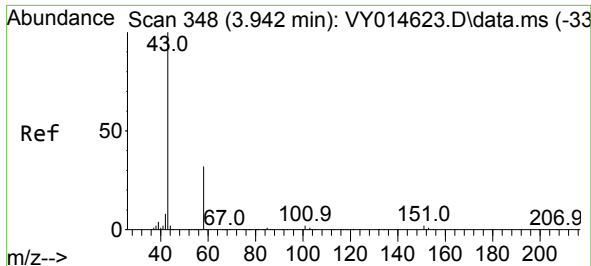
Tgt Ion:168 Resp: 165153
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.442 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.031 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

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

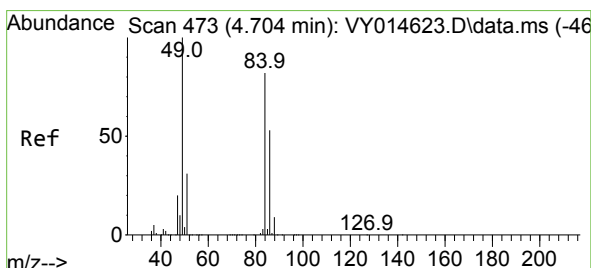
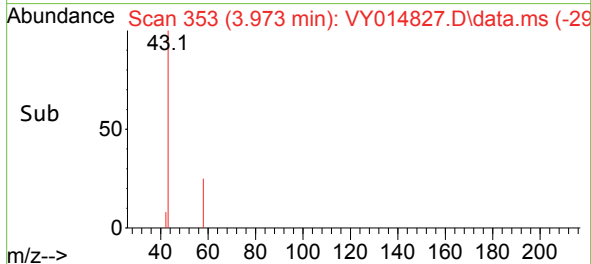
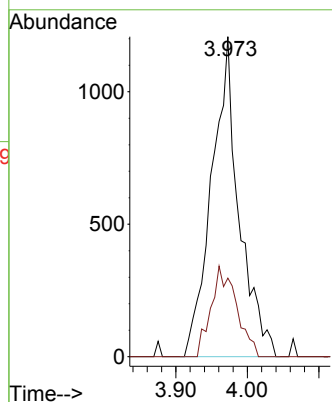
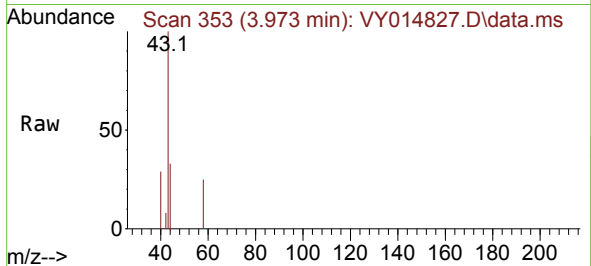




#16
Acetone
Concen: 5.404 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

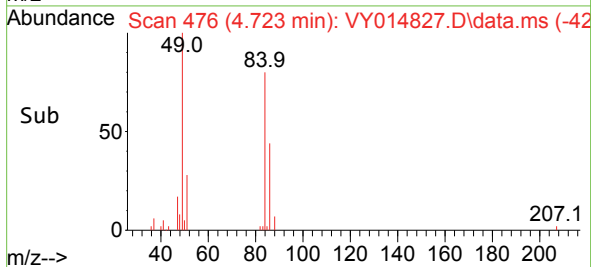
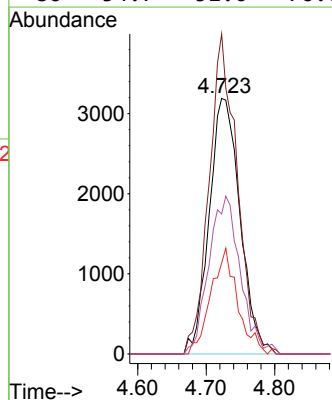
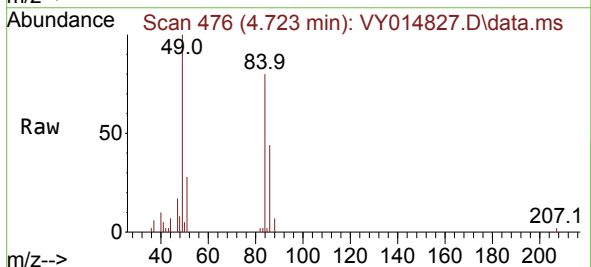
Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

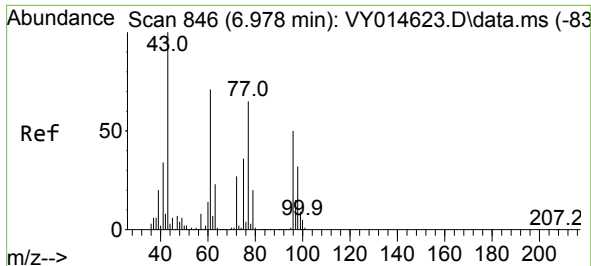
Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 24.6 22.7 34.1



#20
Methylene Chloride
Concen: 1.005 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

Tgt Ion: 84 Resp: 9963
Ion Ratio Lower Upper
84 100
49 125.2 106.9 160.3
51 35.6 33.2 49.8
86 54.7 51.0 76.6

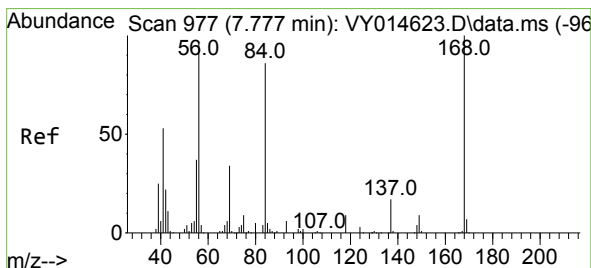
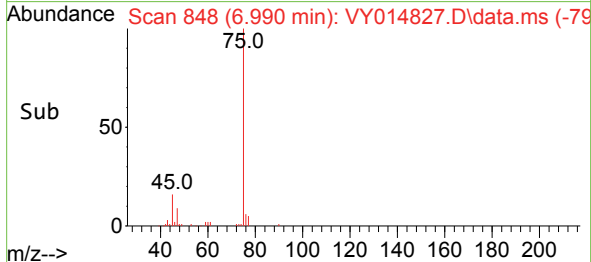
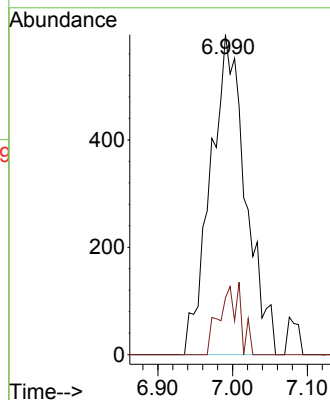
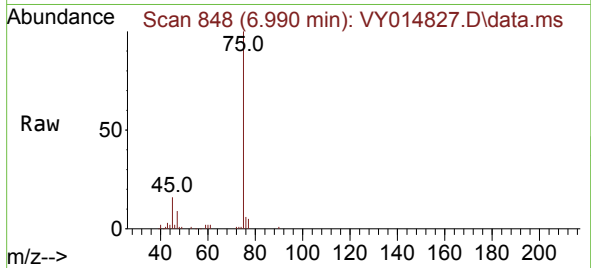




#25
2-Butanone
Concen: 2.243 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

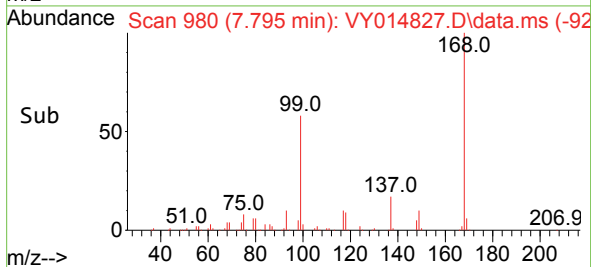
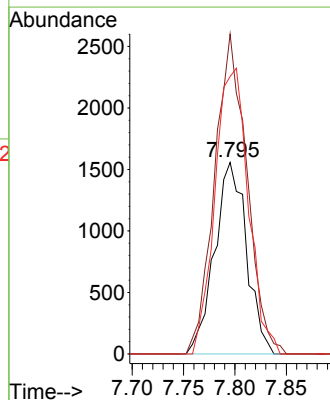
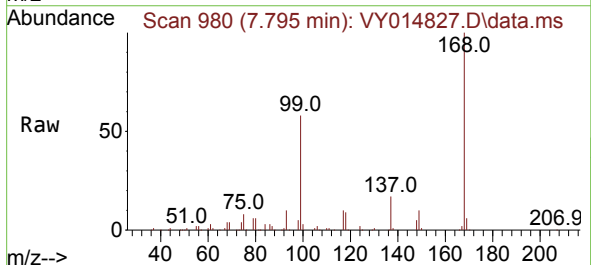
Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

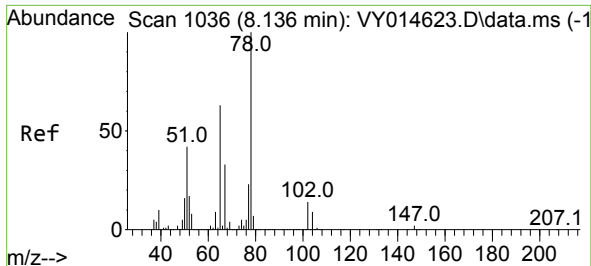
Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
72 17.8 20.5 30.7#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

Tgt Ion: 56 Resp: 3364
Ion Ratio Lower Upper
56 100
69 167.0 27.8 41.6#
84 144.8 66.4 99.6#

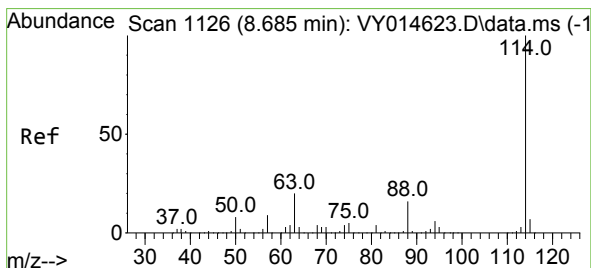
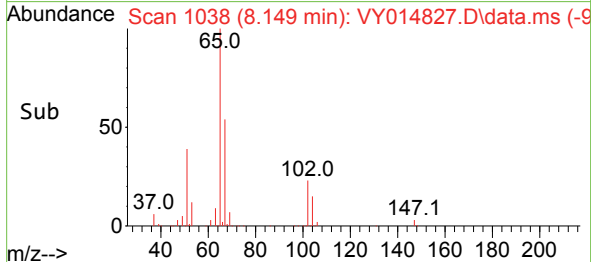
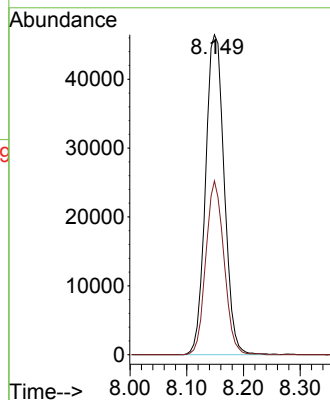
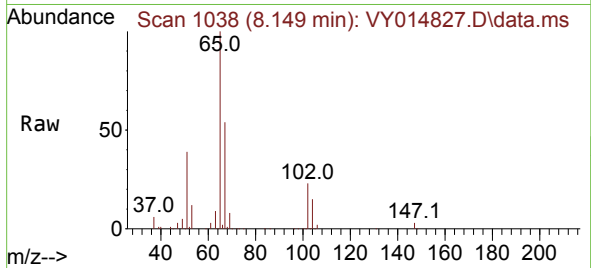




#33
 1,2-Dichloroethane-d4
 Concen: 56.505 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

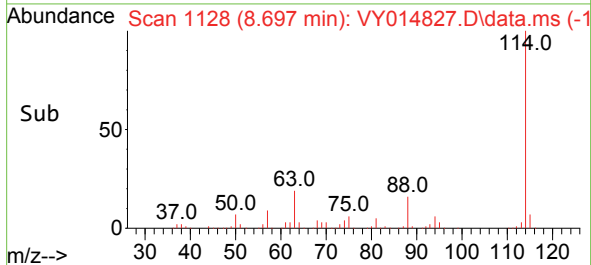
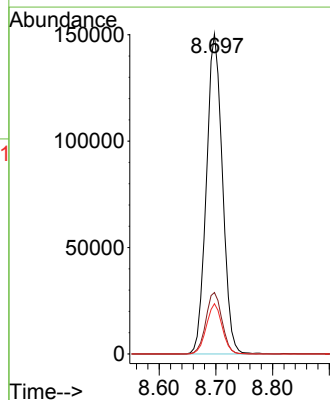
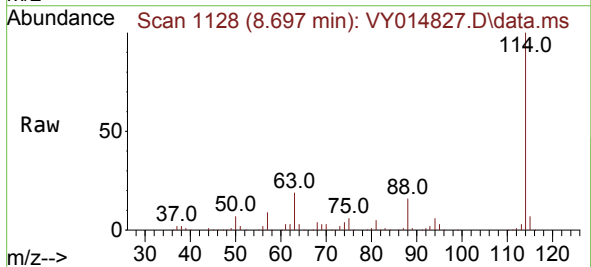
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26A

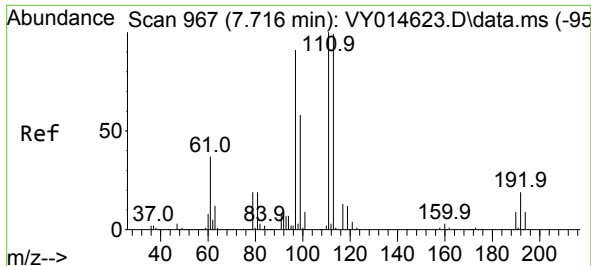
Tgt Ion: 65 Resp: 106341
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

Tgt Ion:114 Resp: 295113
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.7 0.0 30.6

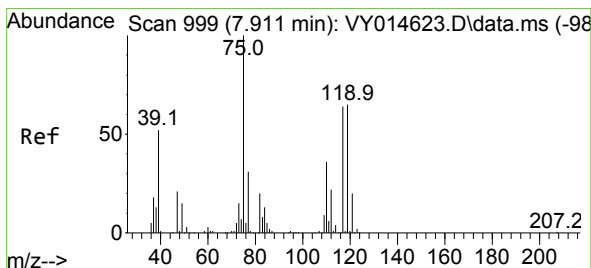
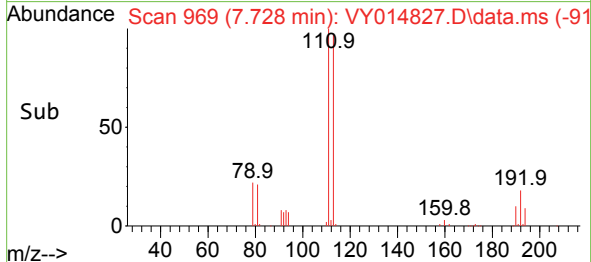
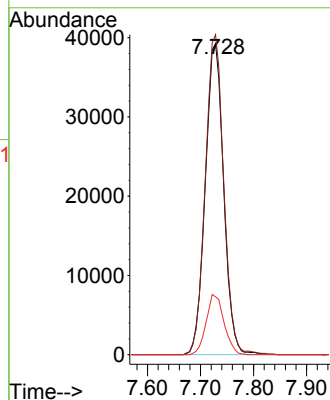
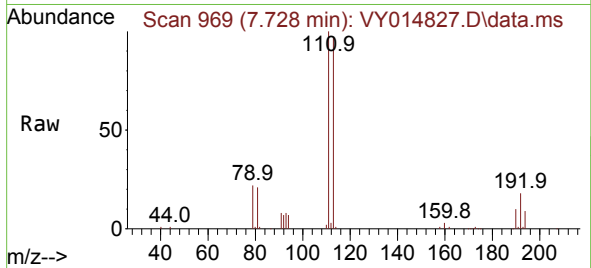




#35
 Dibromofluoromethane
 Concen: 50.278 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

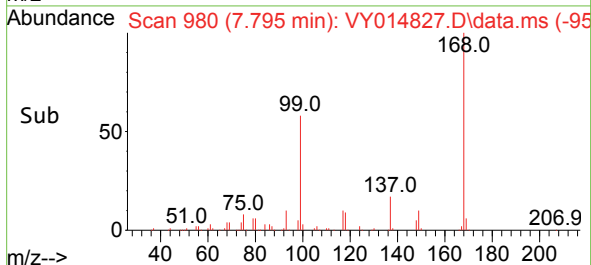
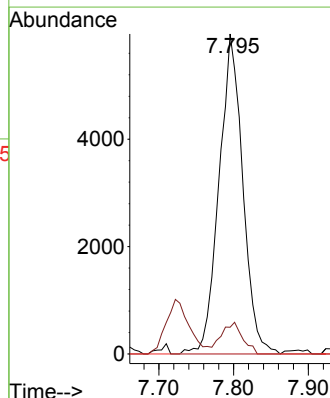
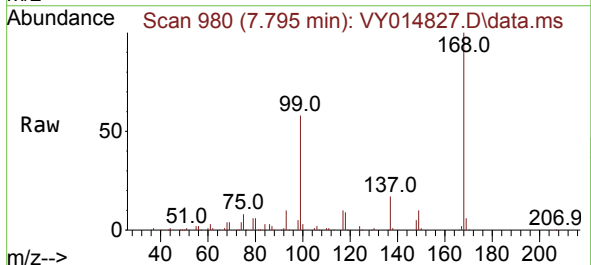
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26A

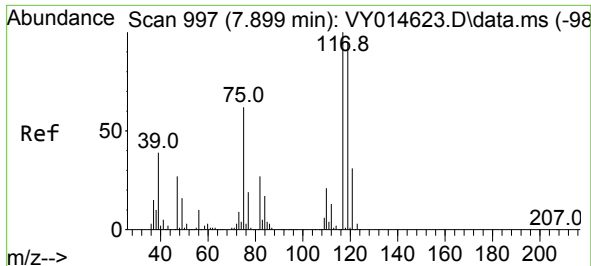
Tgt Ion:113 Resp: 94454
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 18.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

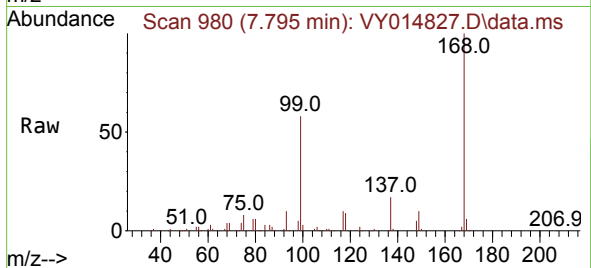
Tgt Ion: 75 Resp: 13156
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.8 53.5#
 77 0.0 24.4 36.6#



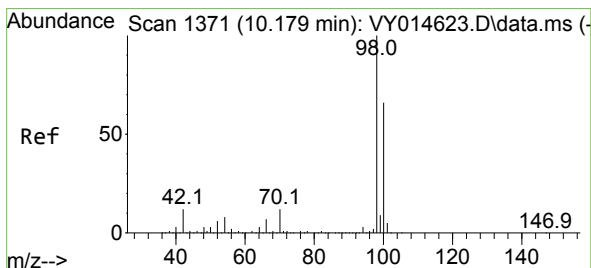
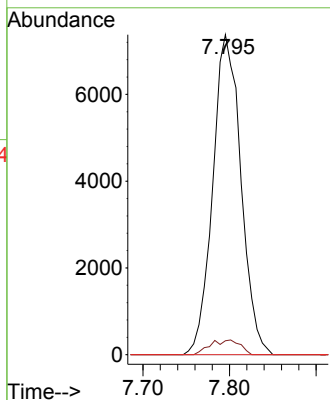
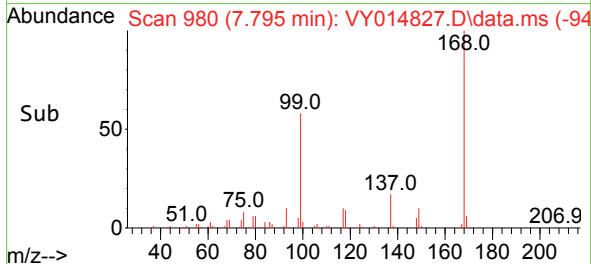


#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

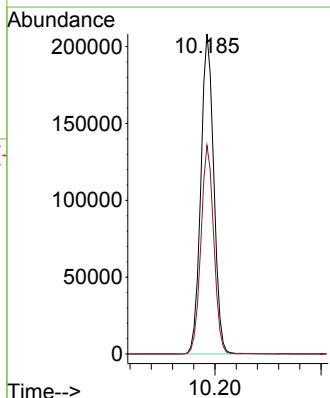
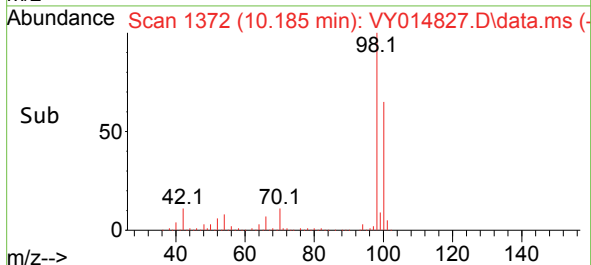
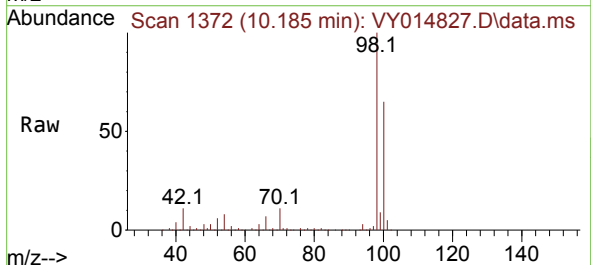


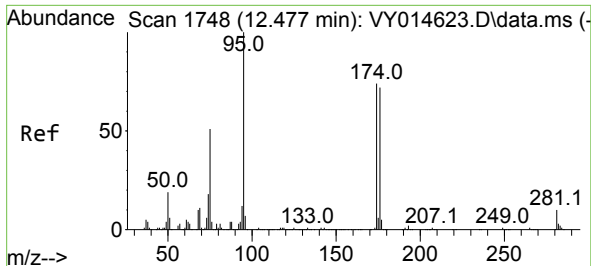
Tgt Ion:117 Resp: 16651
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

Tgt Ion: 98 Resp: 352115
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

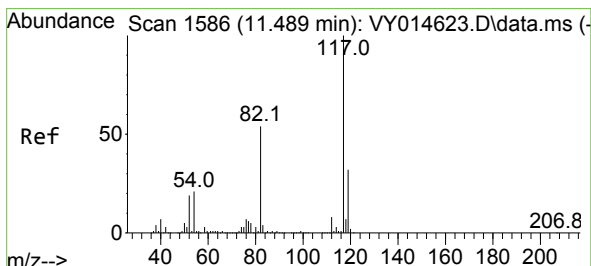
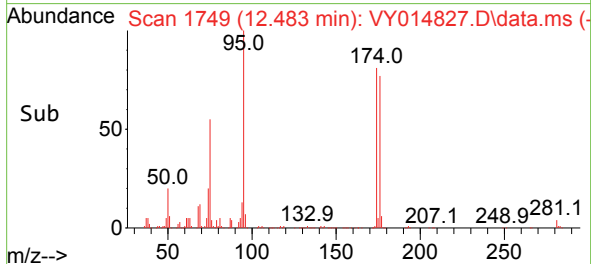
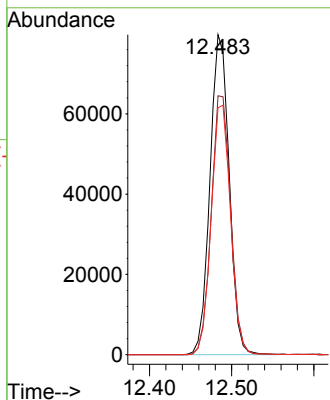
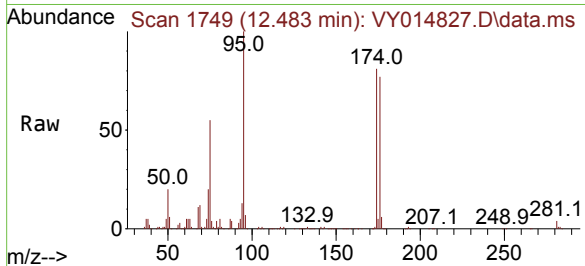




#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

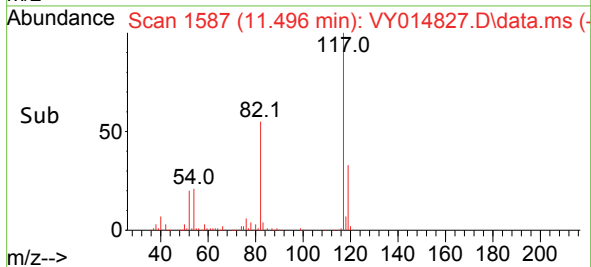
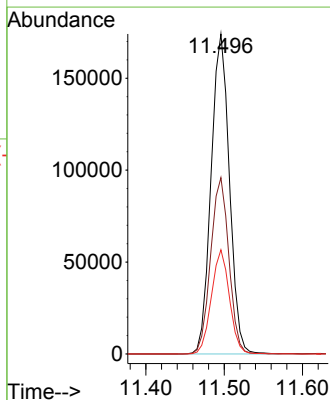
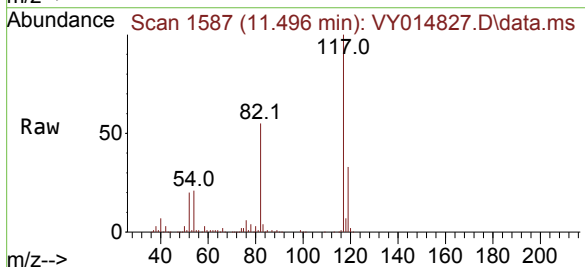
Instrument :
MSVOA_Y
ClientSampleId :
B-P26A

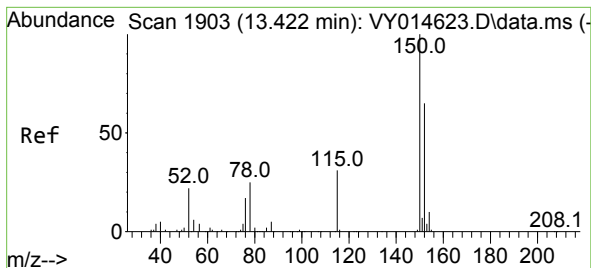
Tgt Ion: 95 Resp: 129168
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 78.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014827.D
Acq: 26 Jul 2023 01:58

Tgt Ion: 117 Resp: 282994
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.6 26.3 39.5

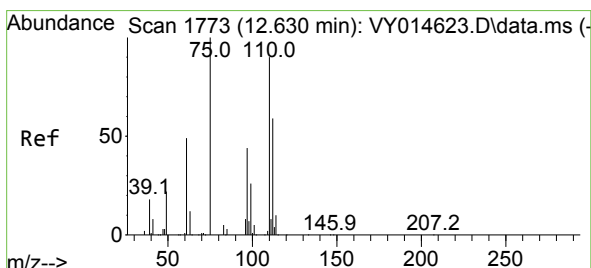
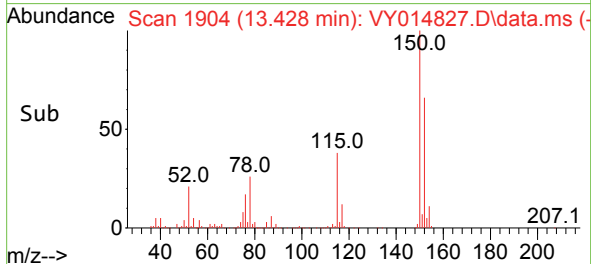
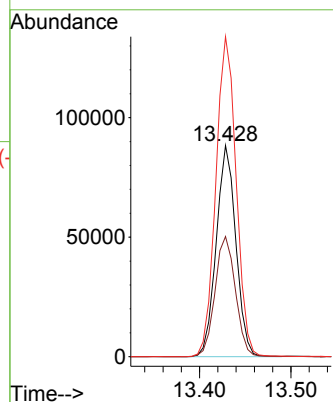
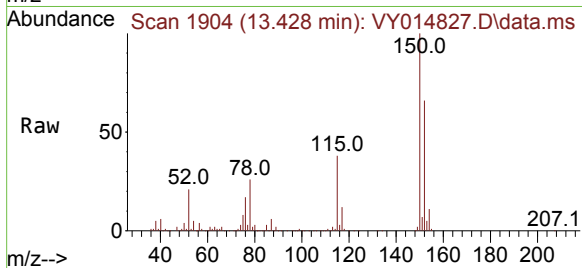




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

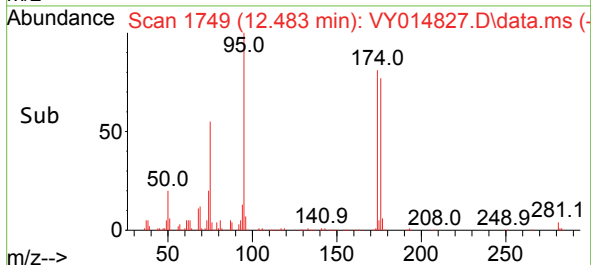
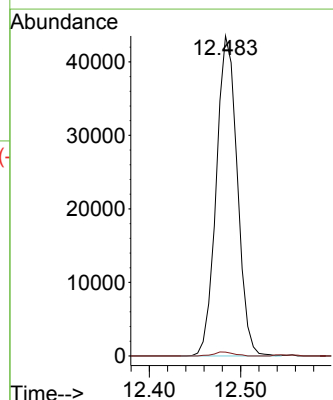
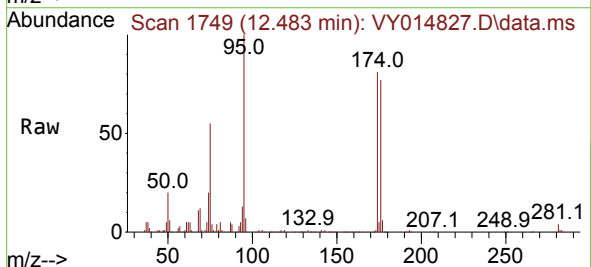
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26A

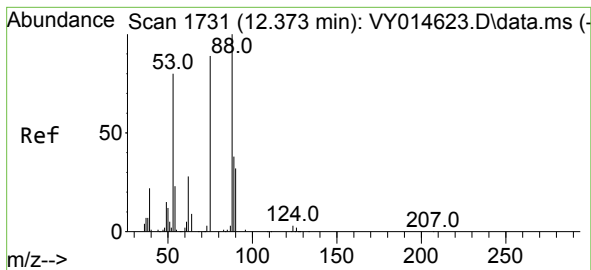
Tgt Ion:152 Resp: 131696
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.790 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

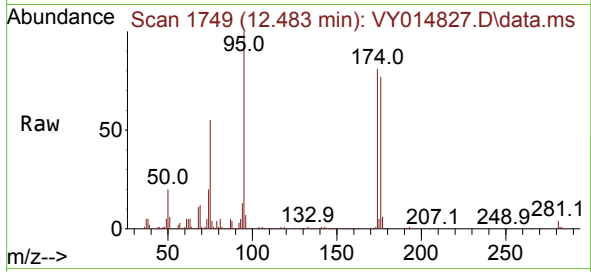
Tgt Ion: 75 Resp: 69509
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.913 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014827.D
 Acq: 26 Jul 2023 01:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26A



Tgt Ion: 75 Resp: 69509
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

