

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014828.D
 Acq On : 26 Jul 2023 02:22
 Operator : SY/MD
 Sample : 03741-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26B

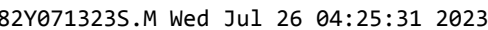
Quant Time: Jul 26 04:25:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

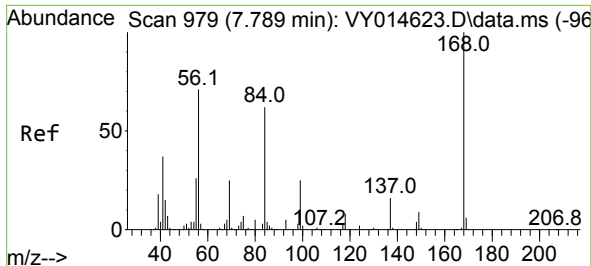
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	166912	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	295472	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	282145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108392	56.988	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.980%	
35) Dibromofluoromethane	7.728	113	95027	50.522	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.185	98	353713	51.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.483	95	131311	49.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	139	2.441	ug/l #	54
11) Tert butyl alcohol	4.936	59	3839	Below Cal	#	89
16) Acetone	3.973	43	4947	8.208	ug/l	96
20) Methylene Chloride	4.729	84	12324	2.262	ug/l	92
25) 2-Butanone	7.003	43	4482	5.083	ug/l #	78
26) 2,2-Dichloropropane	6.990	77	6034	1.865	ug/l #	54
31) Cyclohexane	7.795	56	3686	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12832	4.562	ug/l #	50
37) Ethyl Acetate	7.003	43	4482	2.314	ug/l #	1
38) Carbon Tetrachloride	7.795	117	16887	5.679	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70344	41.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70344	80.141	ug/l #	11
90) Hexachloroethane	13.977	117	7050	3.671	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	1509	3.284	ug/l #	3
95) Naphthalene	15.239	128	60341	9.514	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

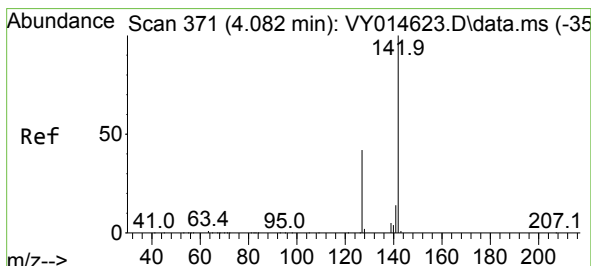
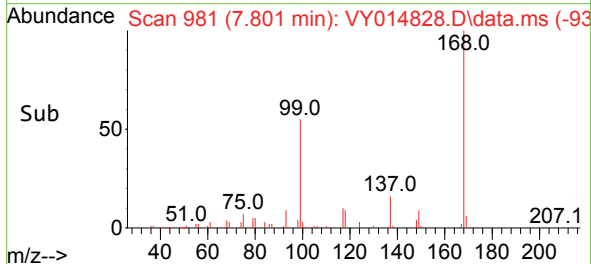
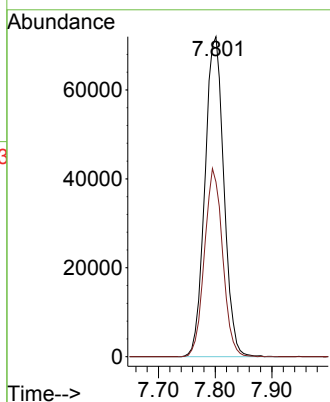
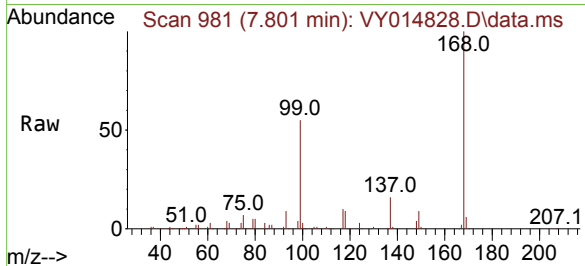




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

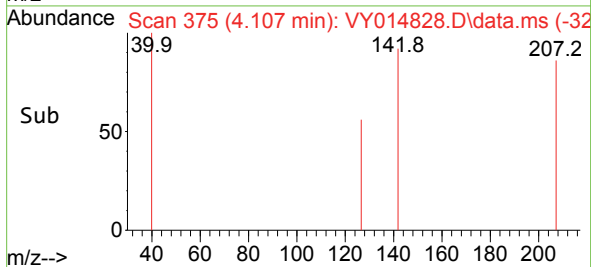
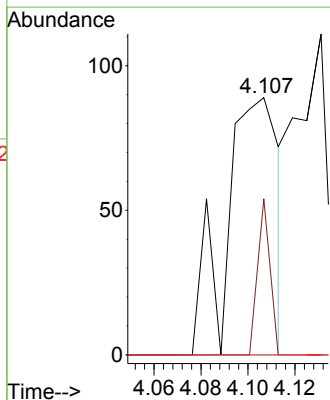
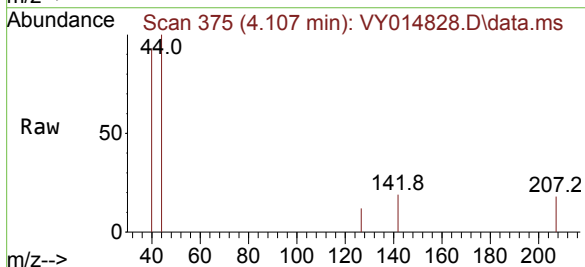
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

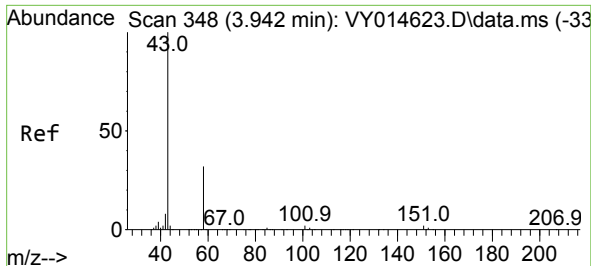
Tgt Ion:168 Resp: 166912
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.441 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 14.4 37.6 56.4#
141 0.0 11.8 17.8#

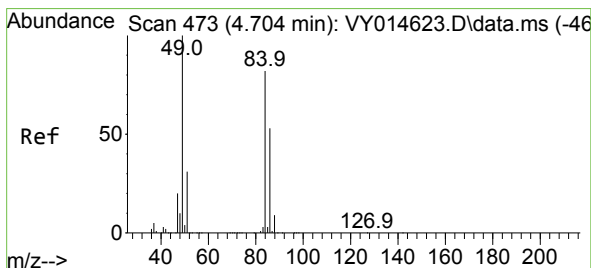
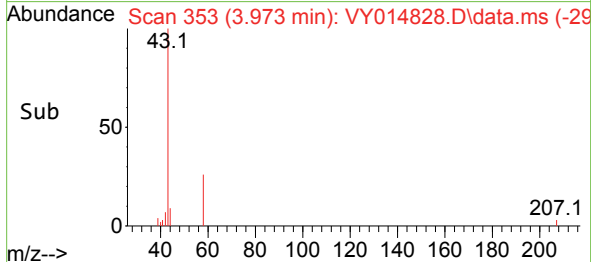
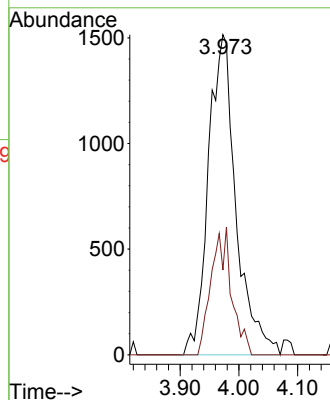
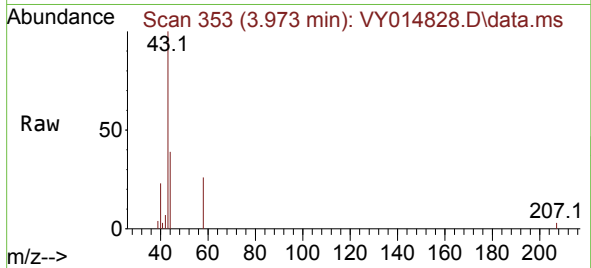




#16
Acetone
Concen: 8.208 ug/l
RT: 3.973 min Scan# 348
Delta R.T. 0.031 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

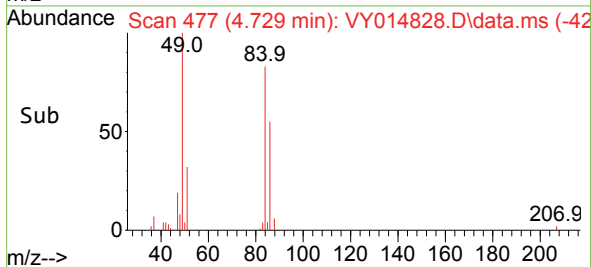
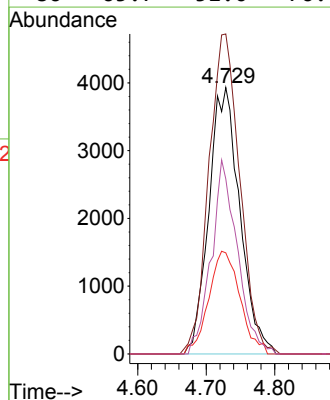
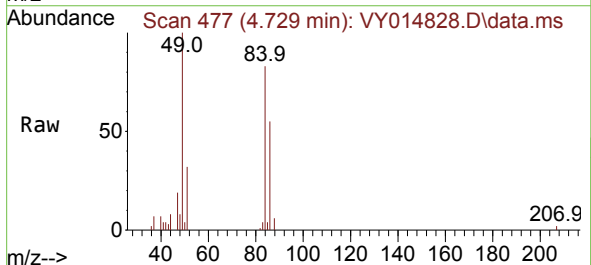
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

Tgt Ion: 43 Resp: 4947
Ion Ratio Lower Upper
43 100
58 26.5 22.7 34.1



#20
Methylene Chloride
Concen: 2.262 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.025 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 84 Resp: 12324
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 38.0 33.2 49.8
86 65.7 51.0 76.6





#25

2-Butanone

Concen: 5.083 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY014828.D

Acq: 26 Jul 2023 02:22

Instrument :

MSVOA_Y

ClientSampleId :

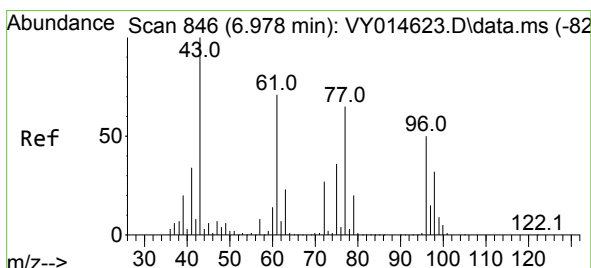
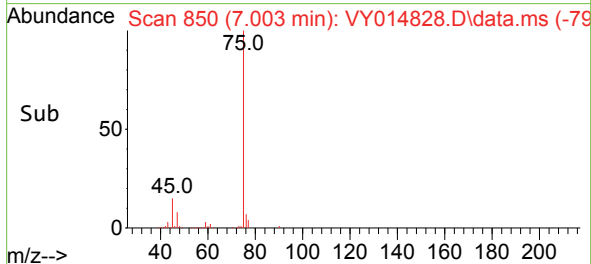
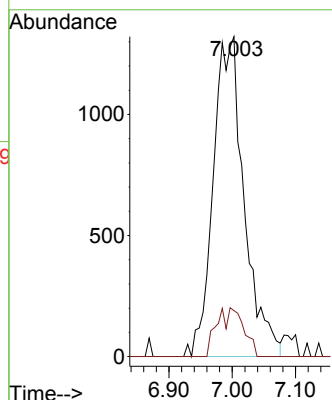
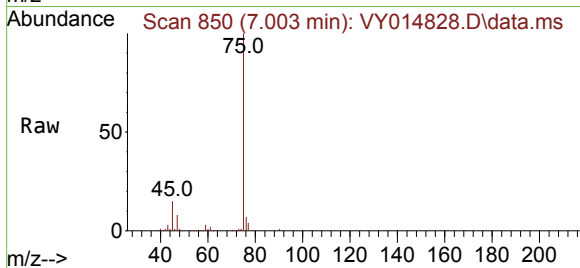
B-P26B

Tgt Ion: 43 Resp: 4482

Ion Ratio Lower Upper

43 100

72 14.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.865 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY014828.D

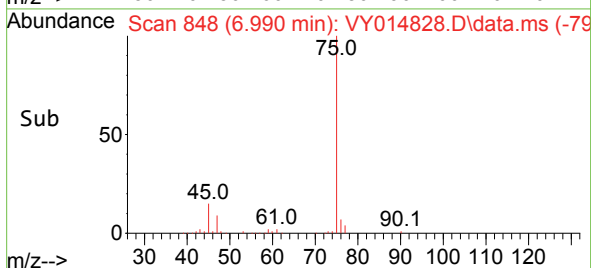
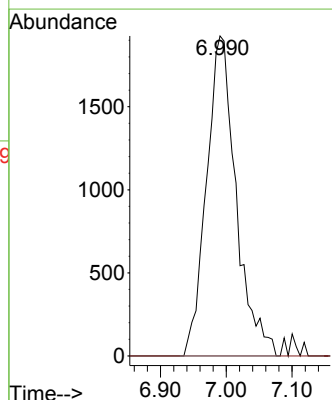
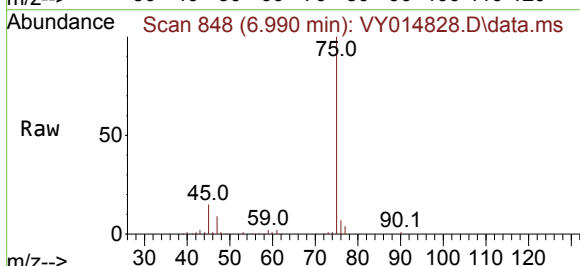
Acq: 26 Jul 2023 02:22

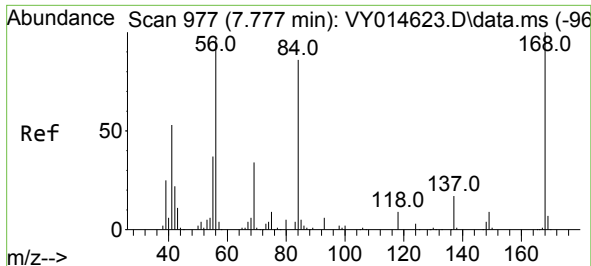
Tgt Ion: 77 Resp: 6034

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

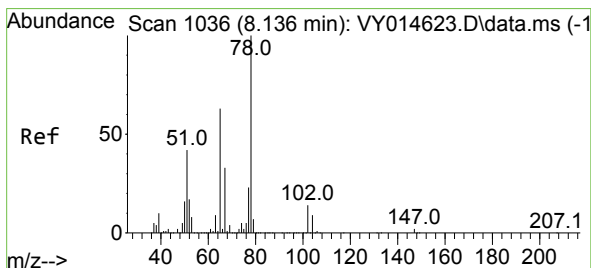
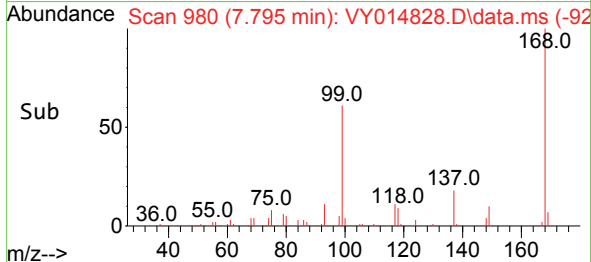
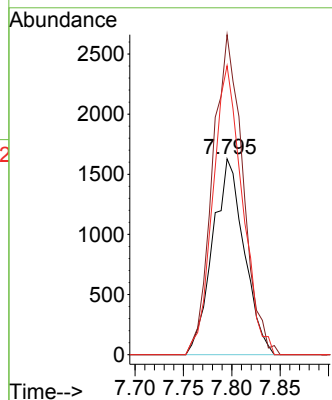
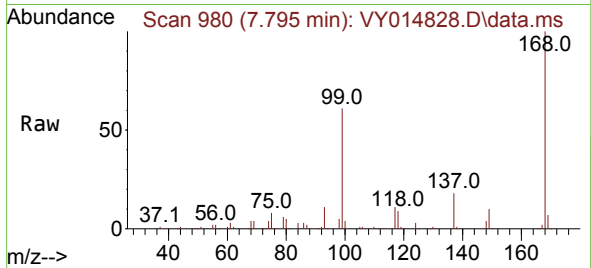




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

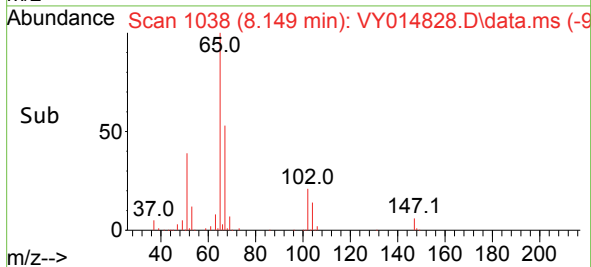
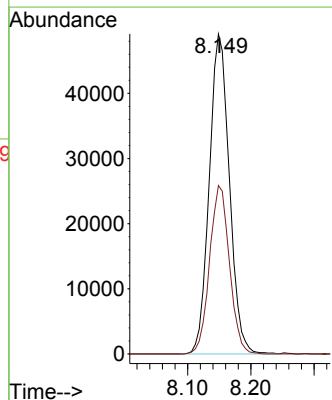
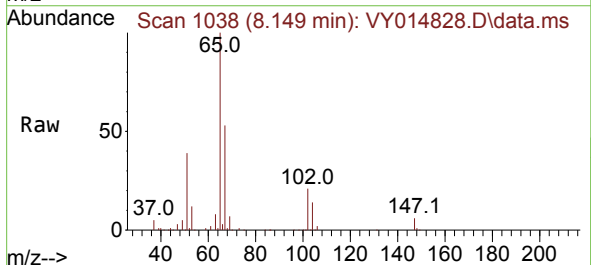
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

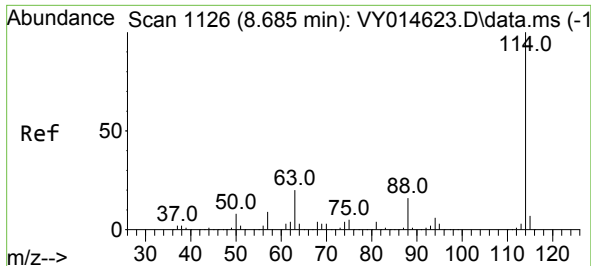
Tgt Ion: 56 Resp: 3686
Ion Ratio Lower Upper
56 100
69 163.4 27.8 41.6#
84 147.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.988 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 65 Resp: 108392
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014828.D

Acq: 26 Jul 2023 02:22

Instrument :

MSVOA_Y

ClientSampleId :

B-P26B

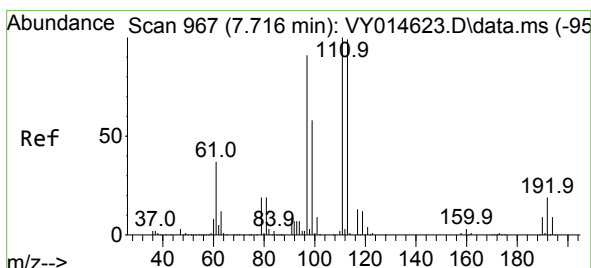
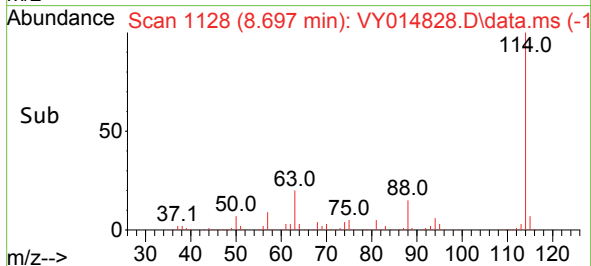
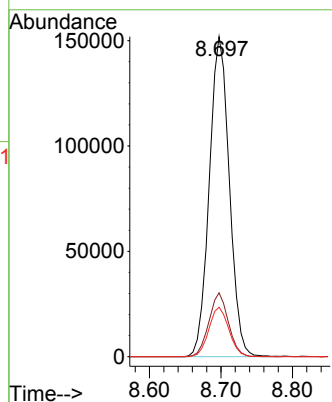
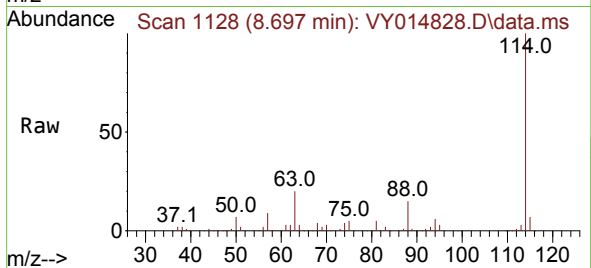
Tgt Ion:114 Resp: 295472

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.522 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014828.D

Acq: 26 Jul 2023 02:22

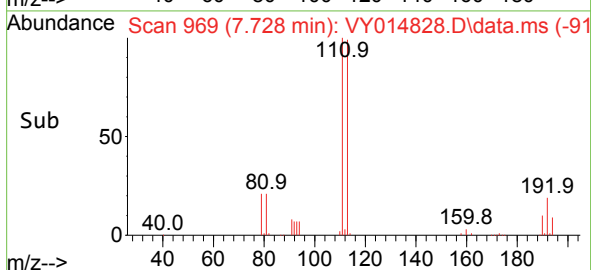
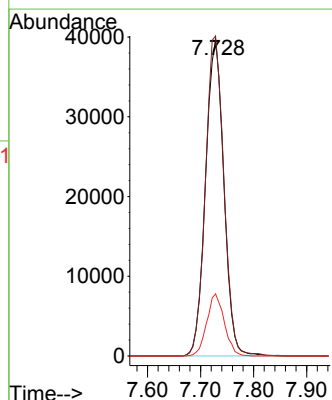
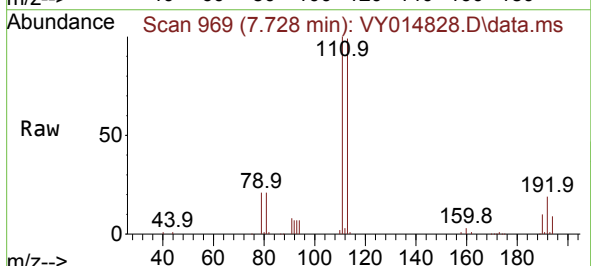
Tgt Ion:113 Resp: 95027

Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 18.9 16.9 25.3

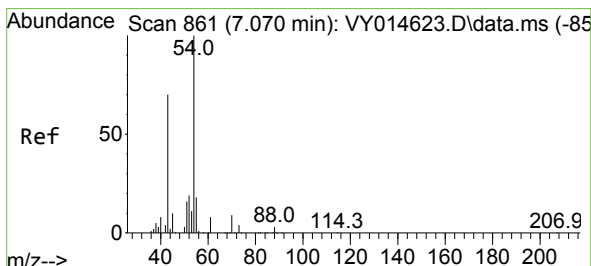
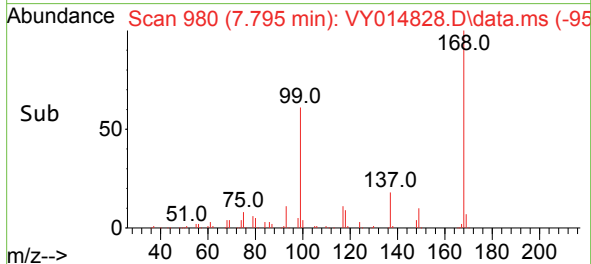
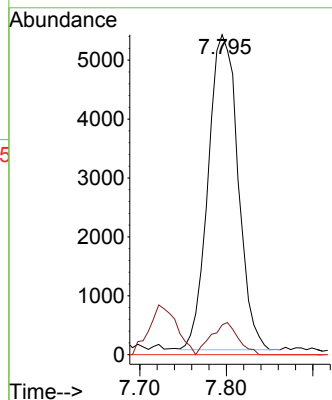
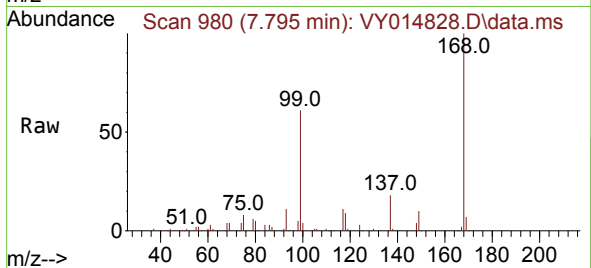




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

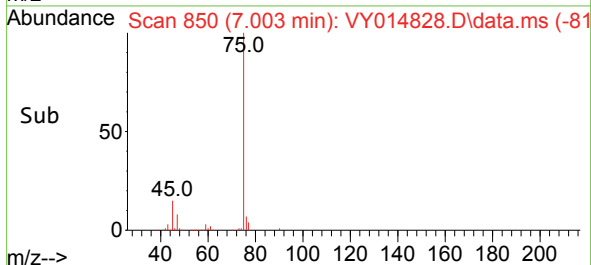
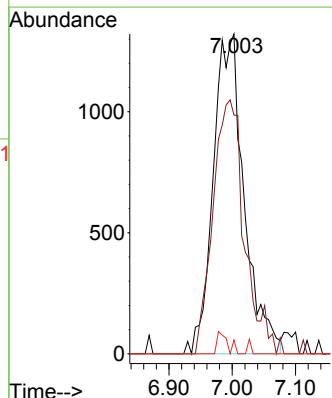
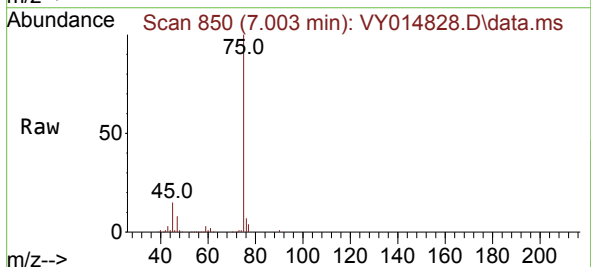
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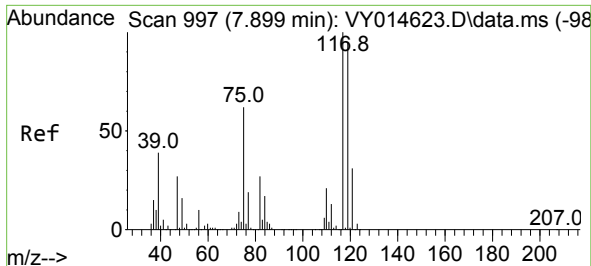
Tgt Ion: 75 Resp: 12832
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.314 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.067 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

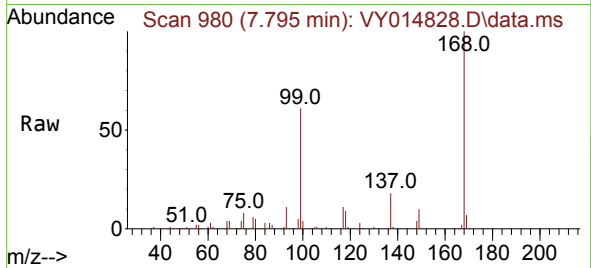
Tgt Ion: 43 Resp: 4482
Ion Ratio Lower Upper
43 100
61 80.9 10.1 15.1#
70 0.0 7.1 10.7#



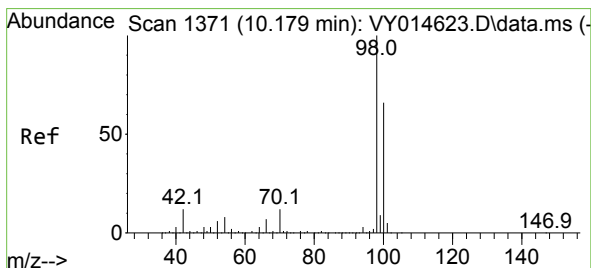
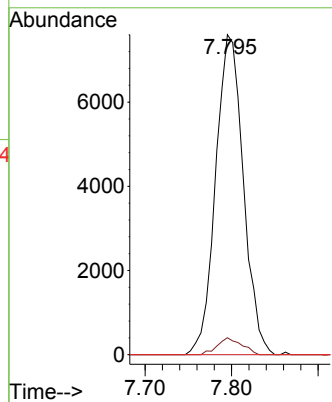
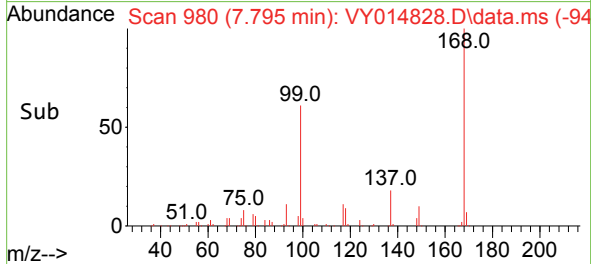


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

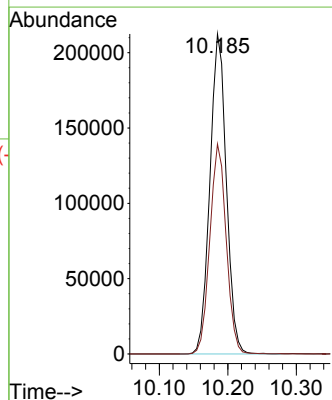
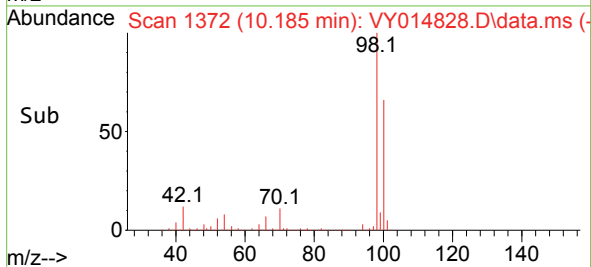
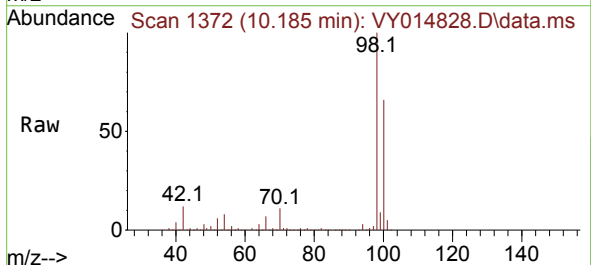


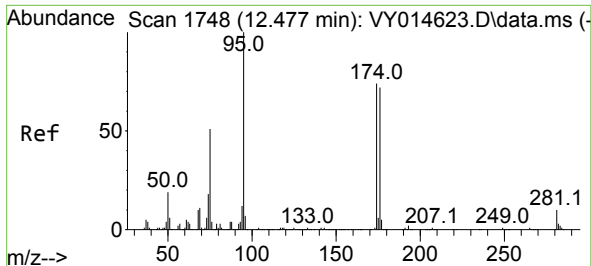
Tgt Ion:117 Resp: 16887
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.008 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 98 Resp: 353713
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

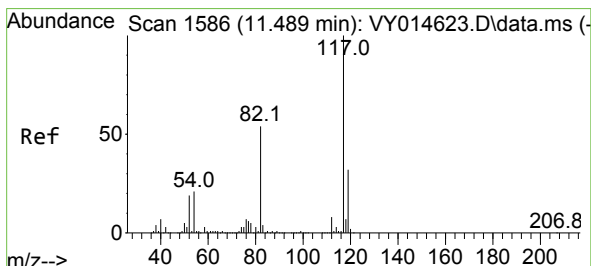
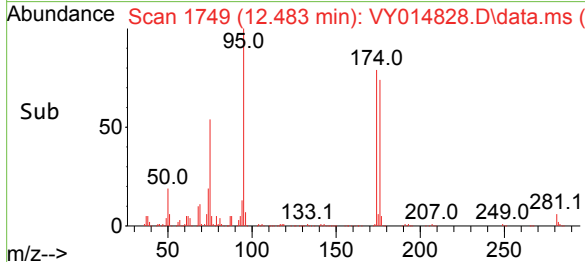
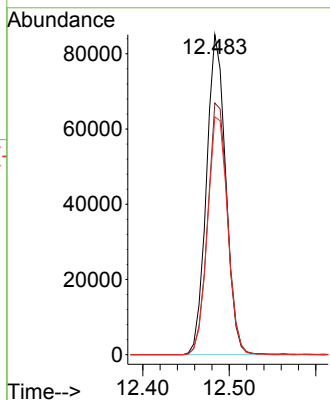
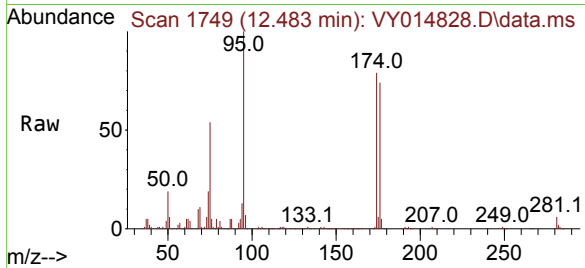




#62
4-Bromofluorobenzene
Concen: 49.385 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

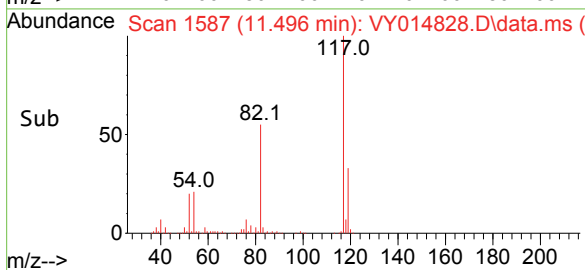
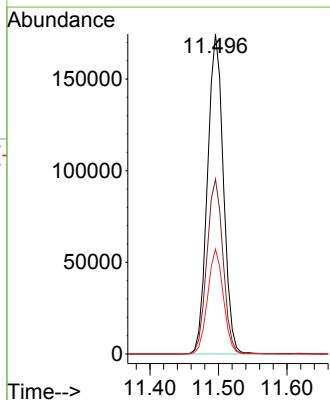
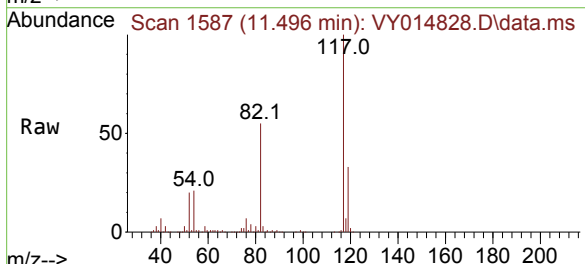
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

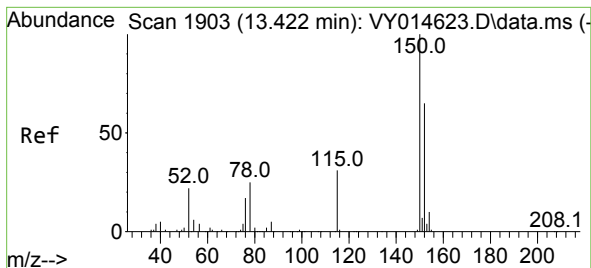
Tgt Ion: 95 Resp: 131311
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 77.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 117 Resp: 282145
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.8 26.3 39.5

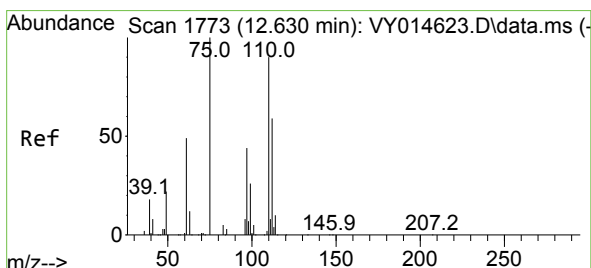
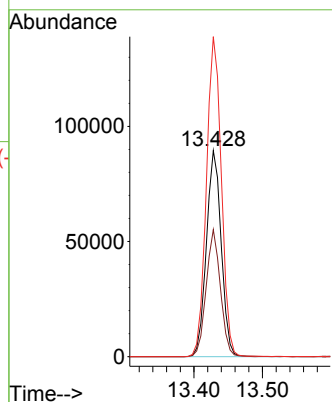
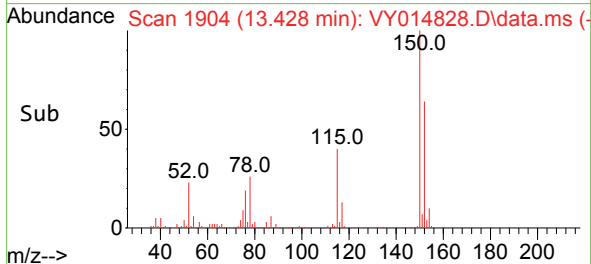
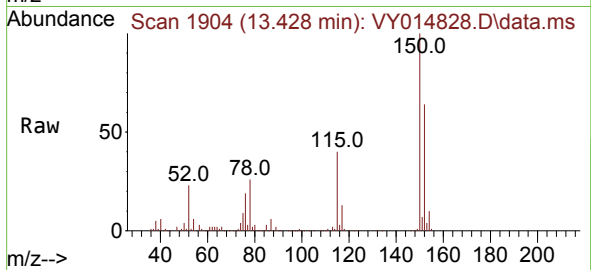




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

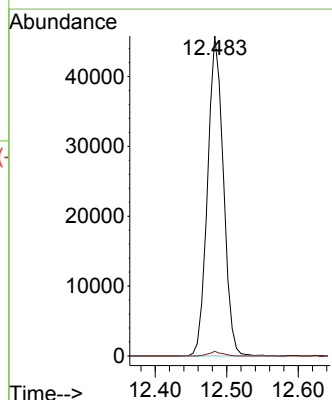
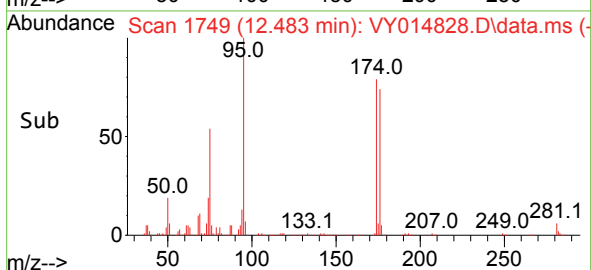
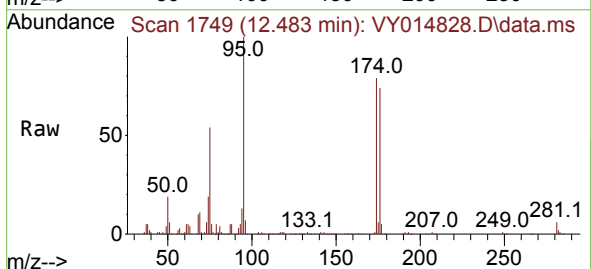
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

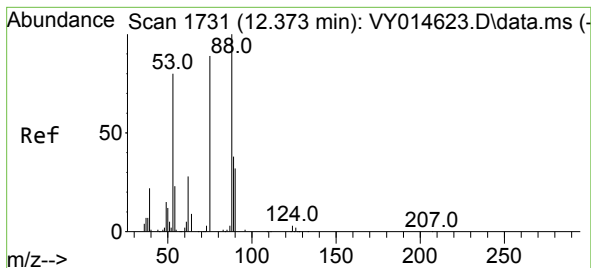
Tgt Ion:152 Resp: 134563
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 156.9 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.391 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 75 Resp: 70344
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

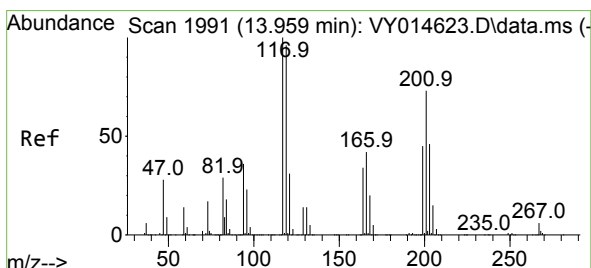
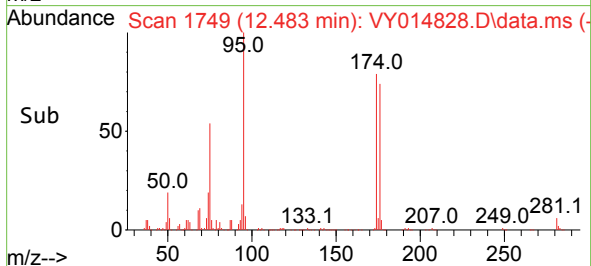
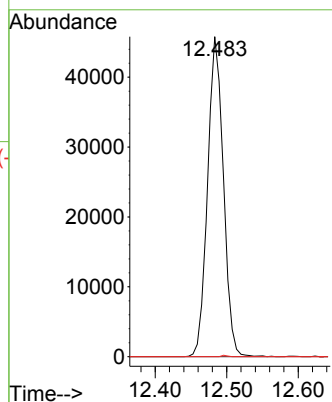
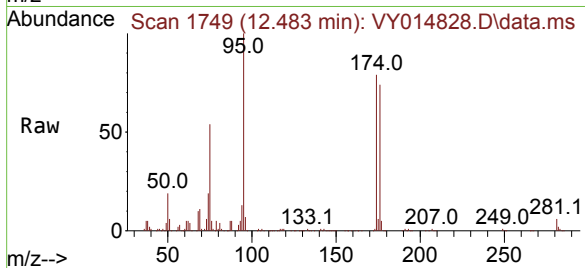




#81
trans-1,4-Dichloro-2-butene
Concen: 80.141 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

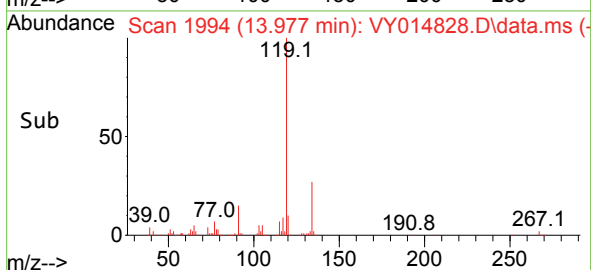
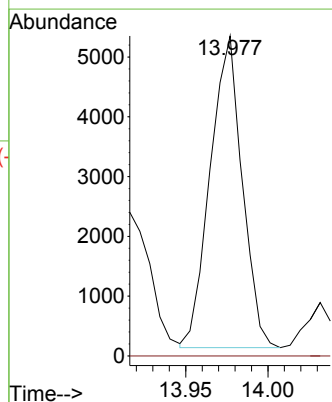
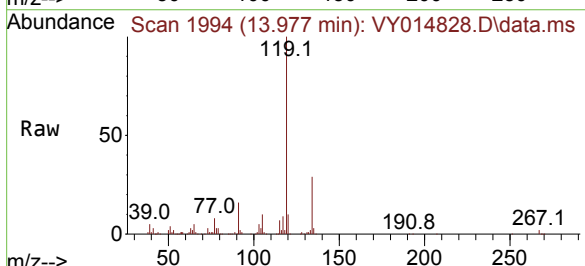
Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

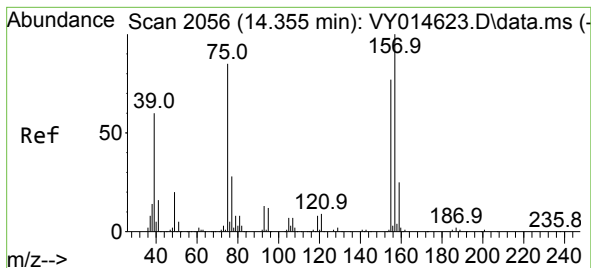
Tgt Ion: 75 Resp: 70344
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#90
Hexachloroethane
Concen: 3.671 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 117 Resp: 7050
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

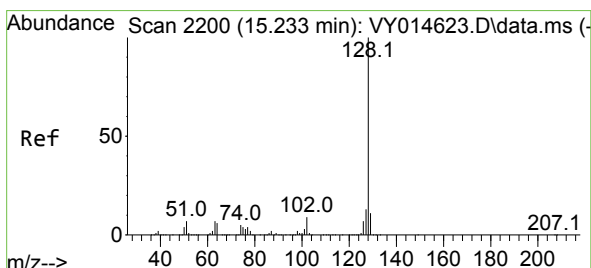
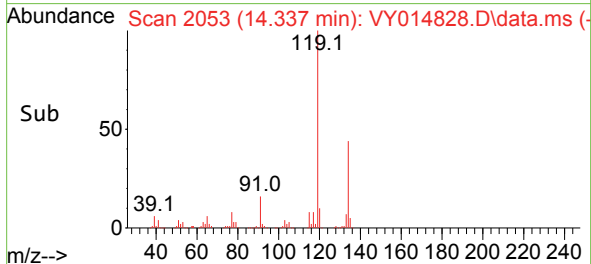
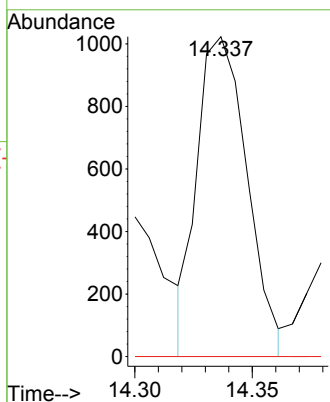
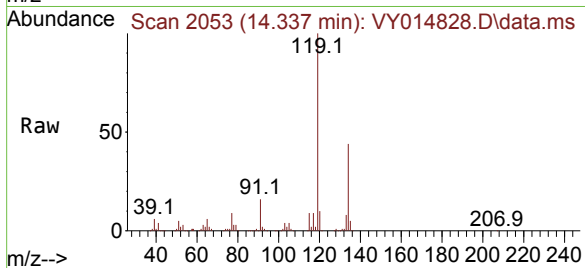




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.284 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 9.514 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014828.D
Acq: 26 Jul 2023 02:22

Tgt Ion: 128 Resp: 60341
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 12.2 8.6 13.0

