

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017675.D
 Acq On : 15 Mar 2024 16:10
 Operator : SY/MD
 Sample : P1746-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Mar 16 00:18:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

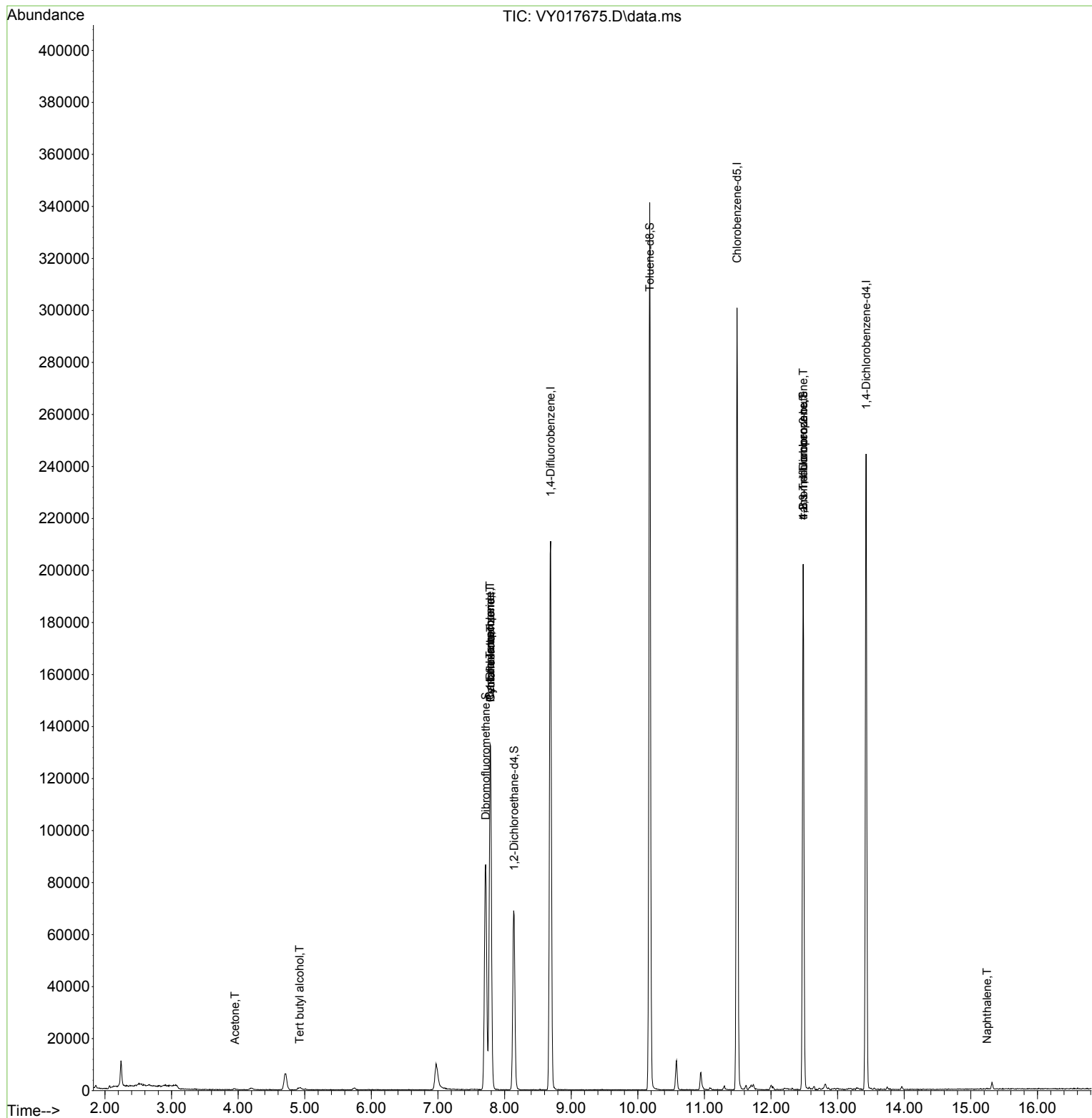
Internal Standards						
1) Pentafluorobenzene	7.789	168	114360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52871	48.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.716	113	64335	46.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.280%		
50) Toluene-d8	10.179	98	226234	46.904	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.800%		
62) 4-Bromofluorobenzene	12.483	95	59255	39.090	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.180%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	1154	12.535	ug/l #	88
16) Acetone	3.954	43	655	3.116	ug/l	92
20) Methylene Chloride	4.704	84	5351	Below Cal		94
31) Cyclohexane	7.789	56	1923	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7951	4.272	ug/l #	47
38) Carbon Tetrachloride	7.783	117	10298	5.520	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	29841	47.497	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29841	109.138	ug/l #	16
95) Naphthalene	15.245	128	144	3.978	ug/l #	69

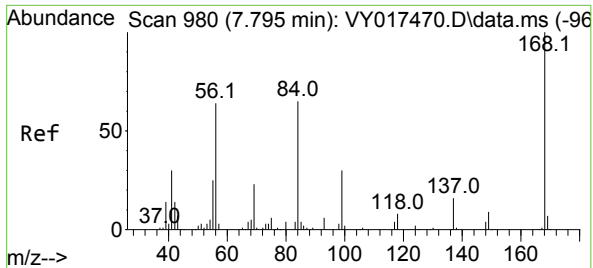
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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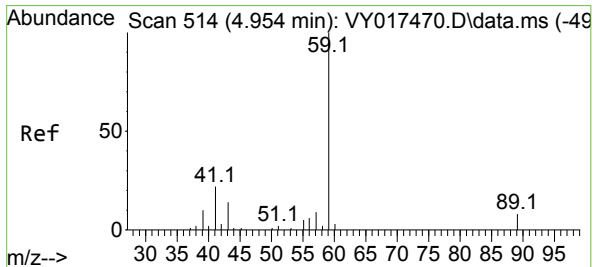
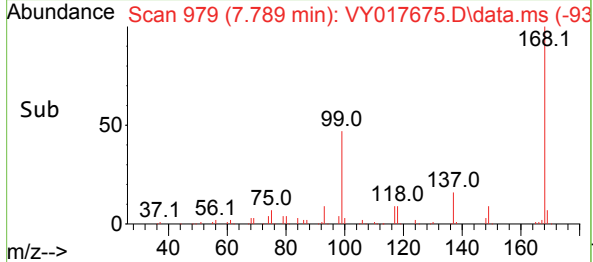
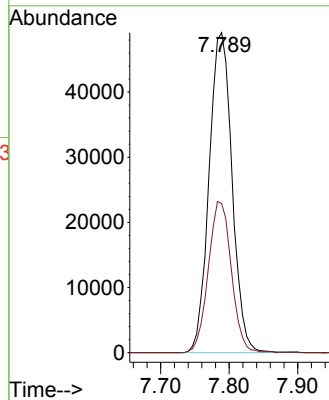
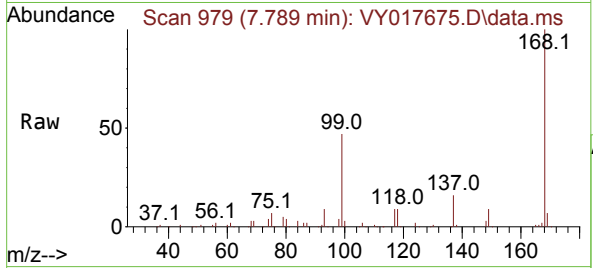




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

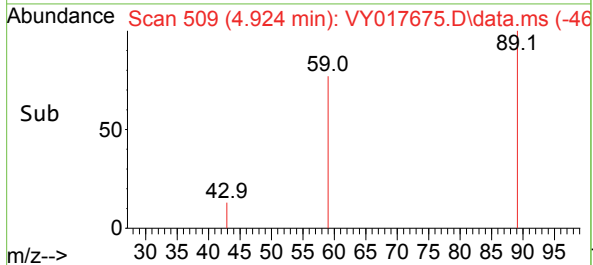
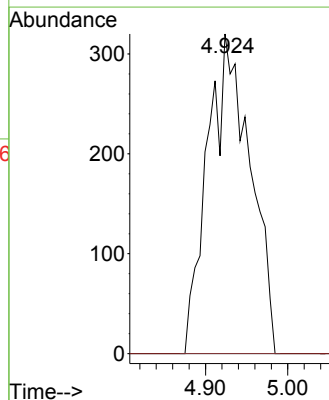
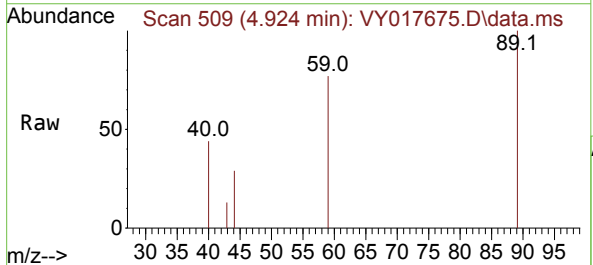
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

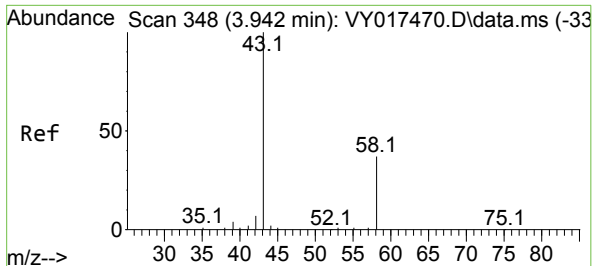
Tgt Ion:168 Resp: 114360
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 12.535 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 59 Resp: 1154
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

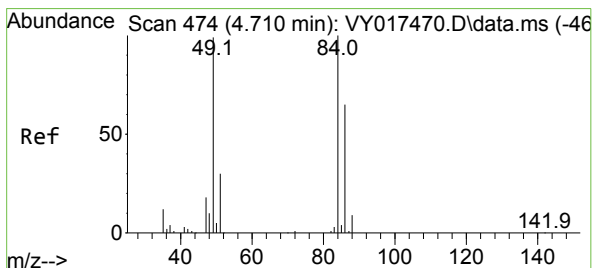
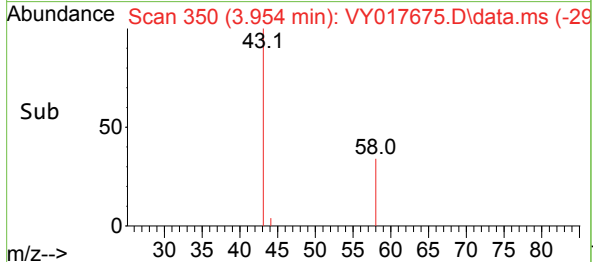
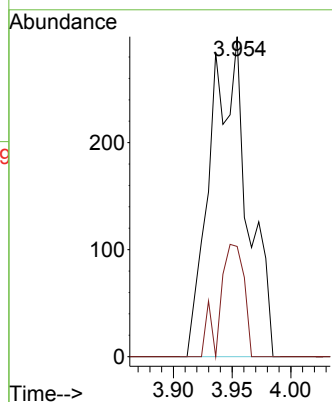
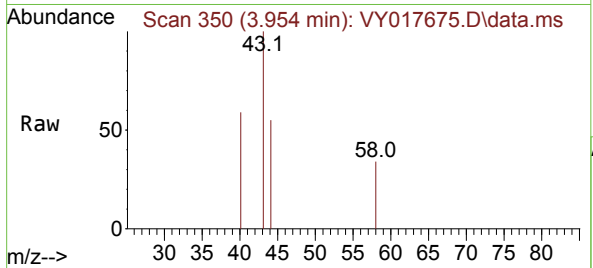




#16
Acetone
Concen: 3.116 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

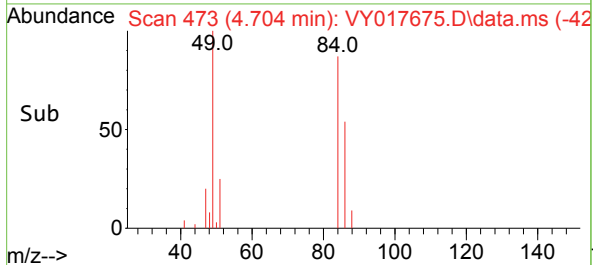
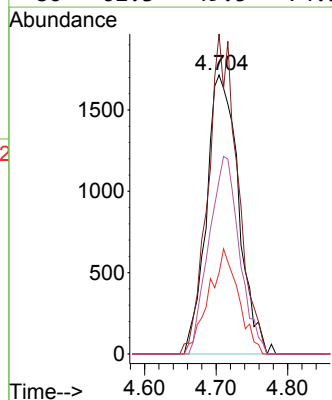
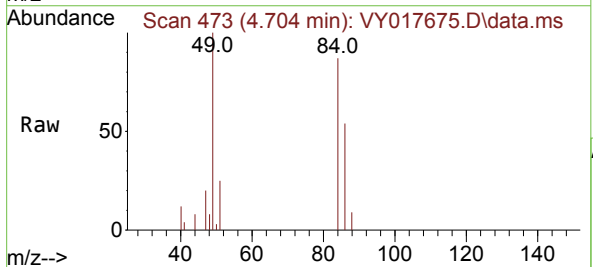
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

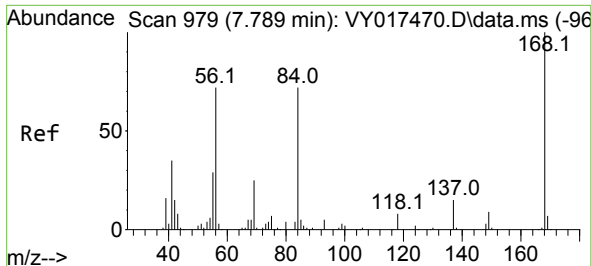
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 34.4 31.7 47.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 84 Resp: 5351
Ion Ratio Lower Upper
84 100
49 114.8 84.4 126.6
51 29.1 26.0 39.0
86 62.3 49.5 74.3

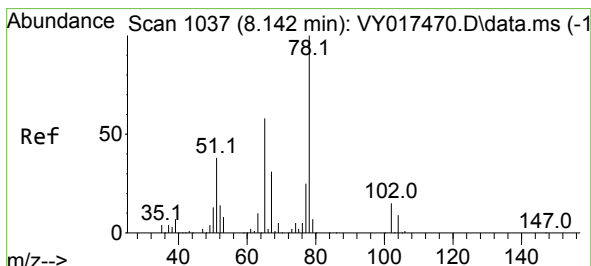
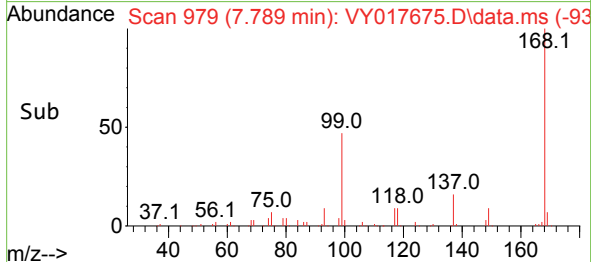
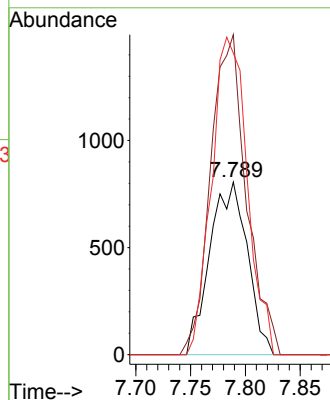
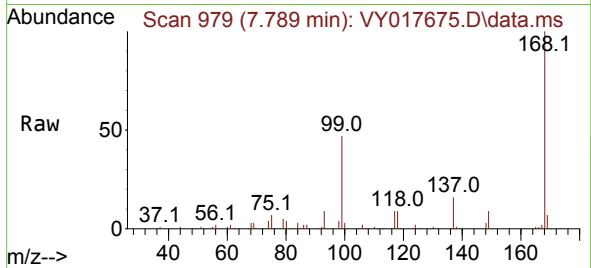




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

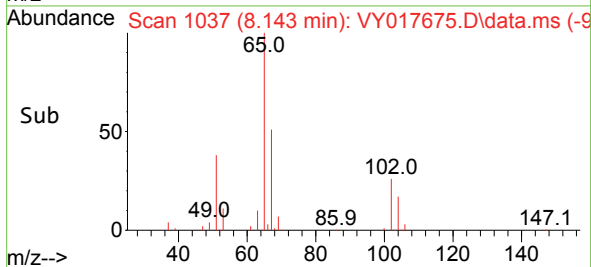
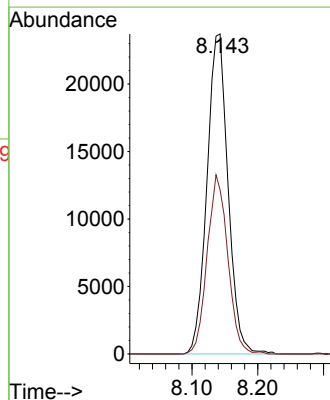
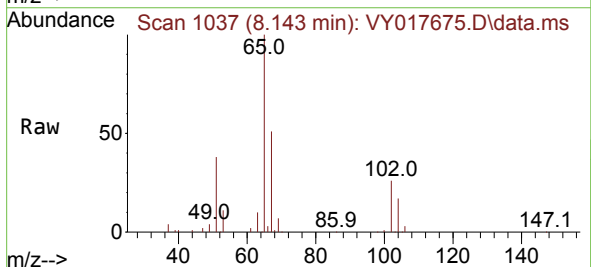
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

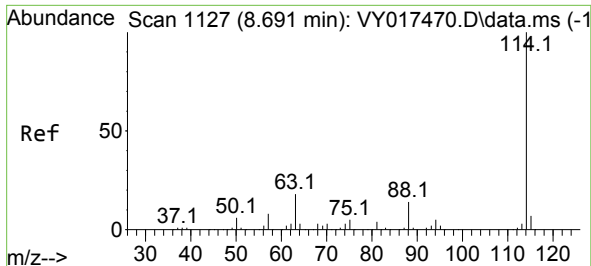
Tgt Ion: 56 Resp: 1923
Ion Ratio Lower Upper
56 100
69 185.4 28.7 43.1#
84 174.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.782 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 65 Resp: 52871
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

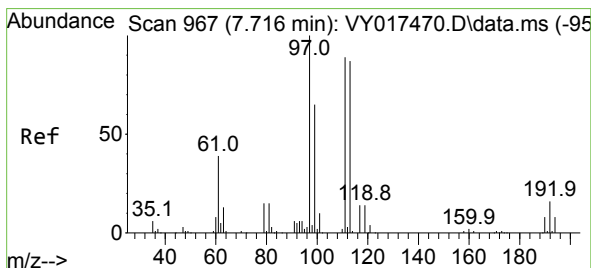
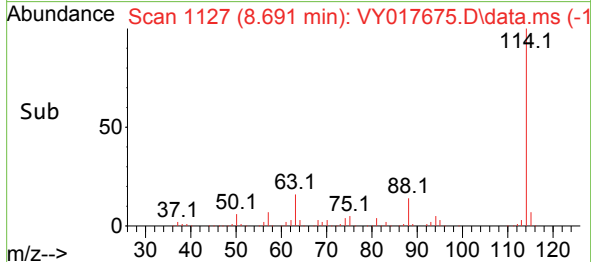
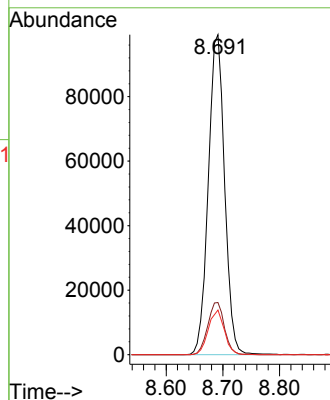
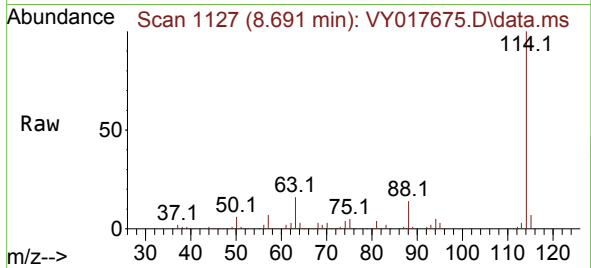




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

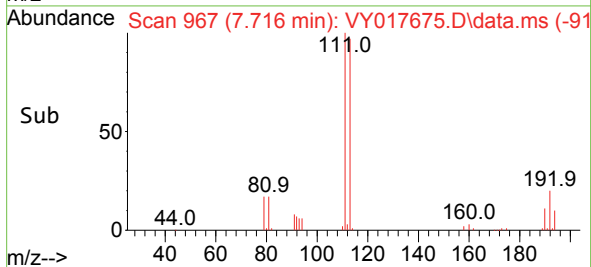
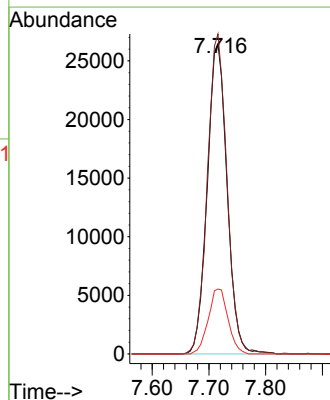
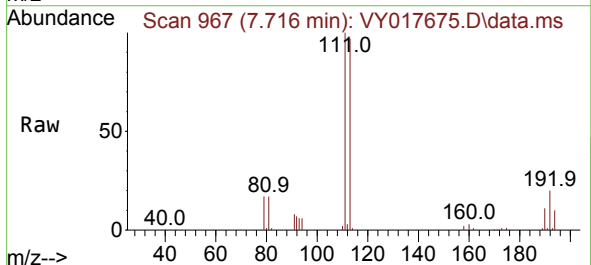
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

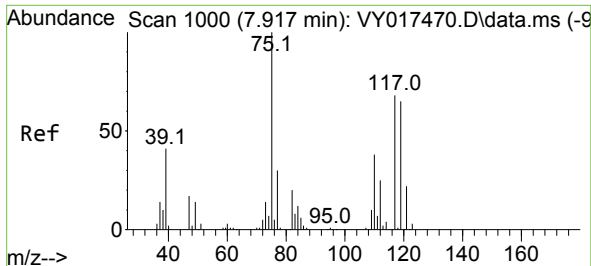
Tgt Ion:114 Resp: 197972
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.635 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion:113 Resp: 64335
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.9 15.9 23.9

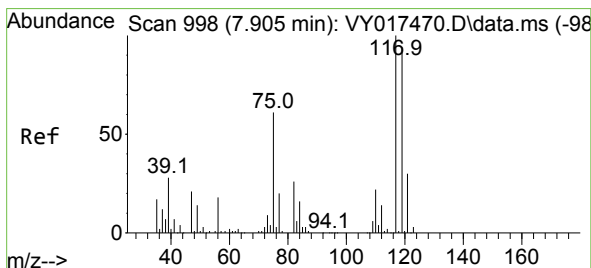
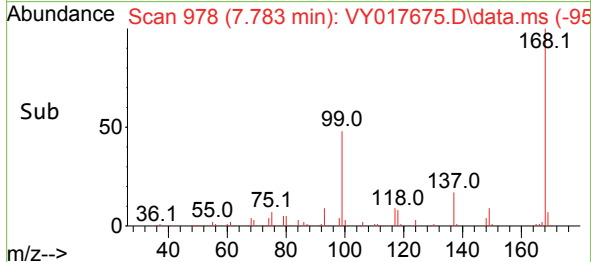
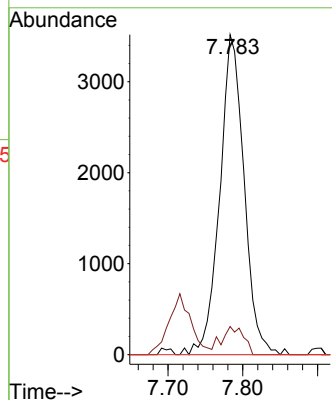
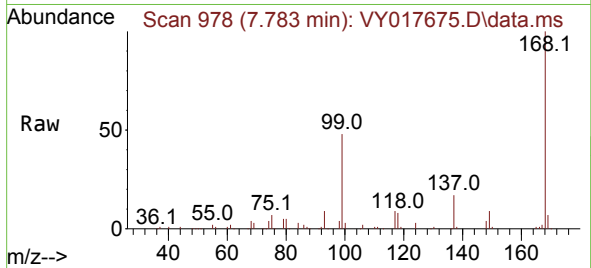




#36
 1,1-Dichloropropene
 Concen: 4.272 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017675.D
 Acq: 15 Mar 2024 16:10

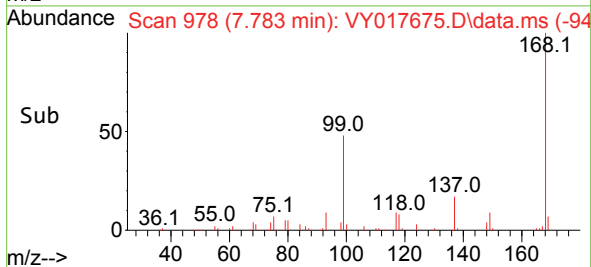
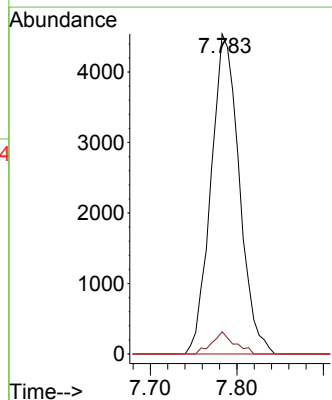
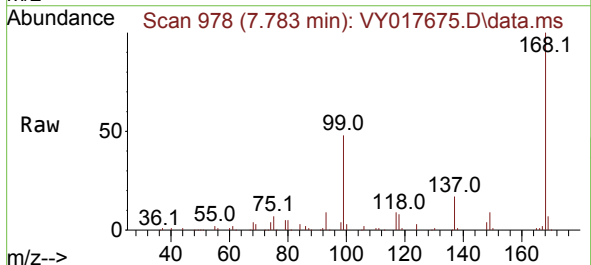
Instrument :
 MSVOA_Y
 ClientSampleId :
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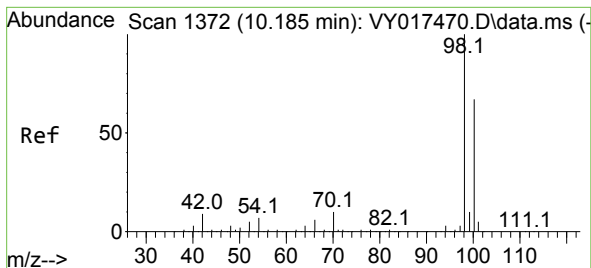
Tgt Ion: 75 Resp: 7951
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.520 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.122 min
 Lab File: VY017675.D
 Acq: 15 Mar 2024 16:10

Tgt Ion: 117 Resp: 10298
 Ion Ratio Lower Upper
 117 100
 119 6.9 75.8 113.6#
 121 0.0 24.0 36.0#

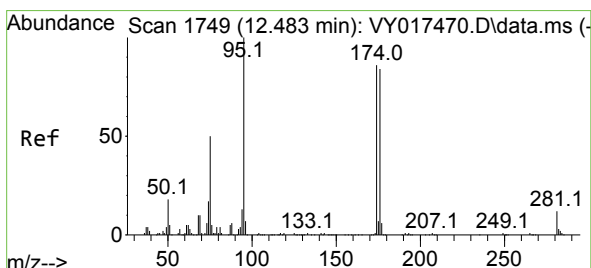
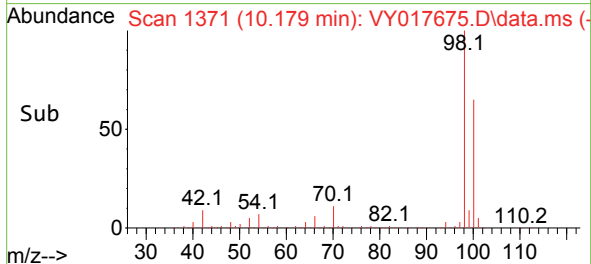
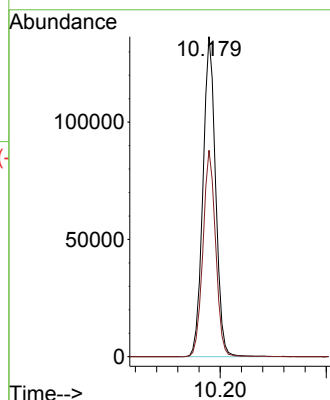
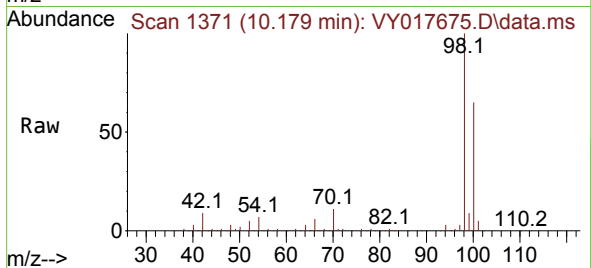




#50
Toluene-d8
Concen: 46.904 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

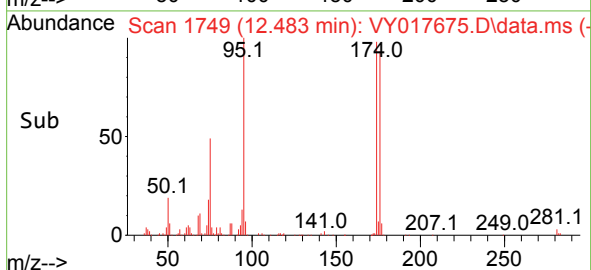
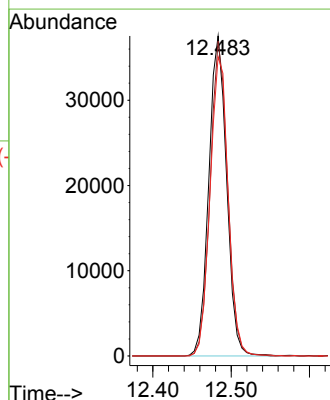
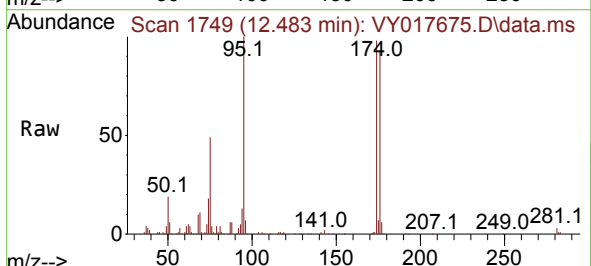
Instrument :
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ClientSampleId :
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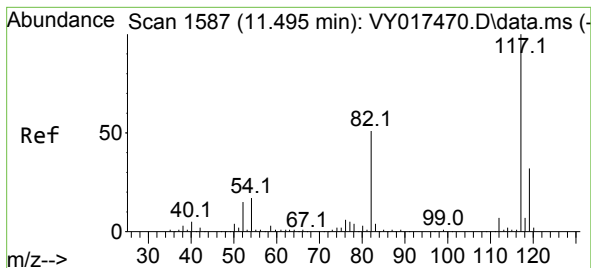
Tgt Ion: 98 Resp: 226234
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.090 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 95 Resp: 59255
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 94.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017675.D

Acq: 15 Mar 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0

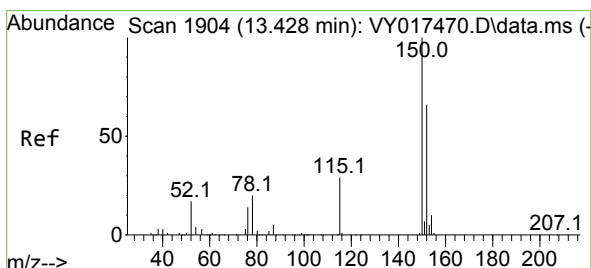
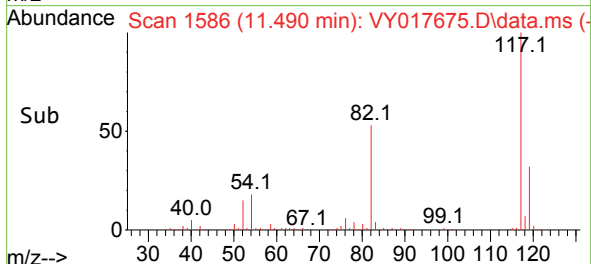
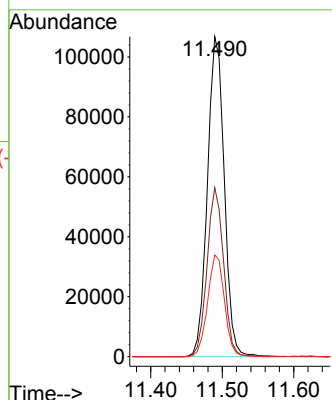
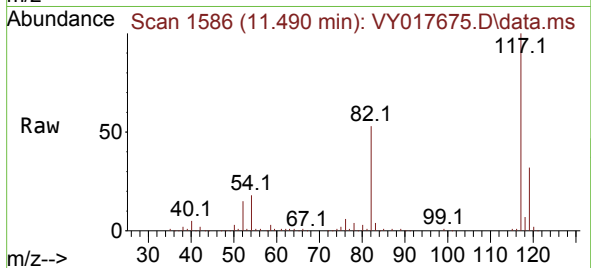
Tgt Ion:117 Resp: 174639

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017675.D

Acq: 15 Mar 2024 16:10

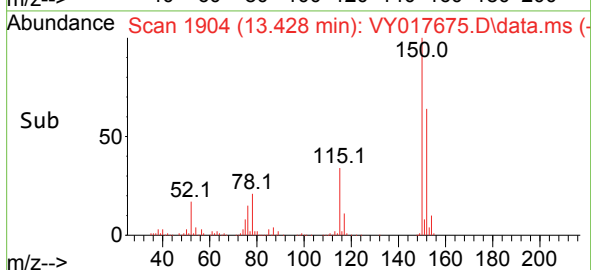
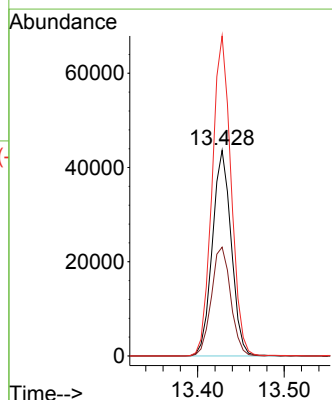
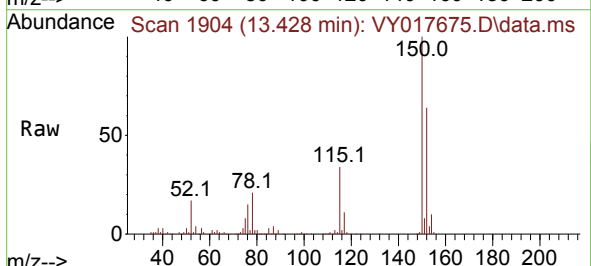
Tgt Ion:152 Resp: 66123

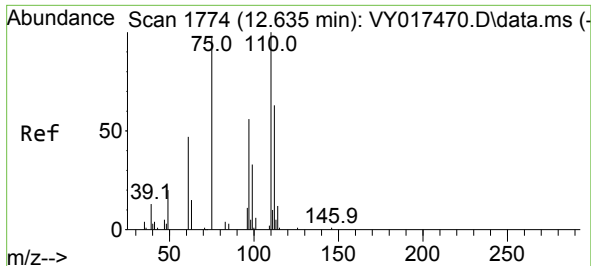
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.4 0.0 345.6

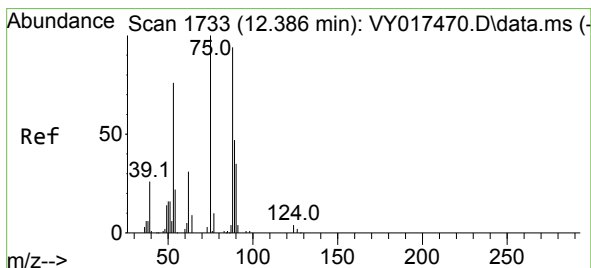
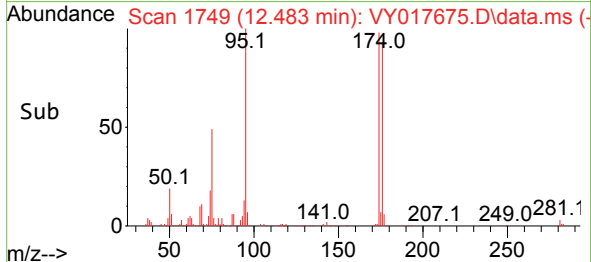
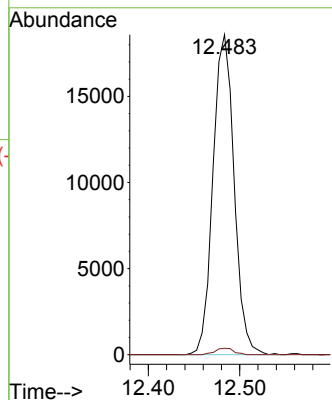
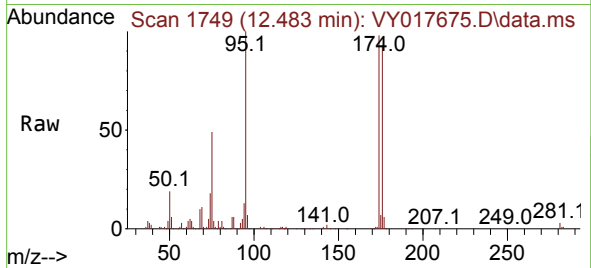




#76
1,2,3-Trichloropropane
Concen: 47.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

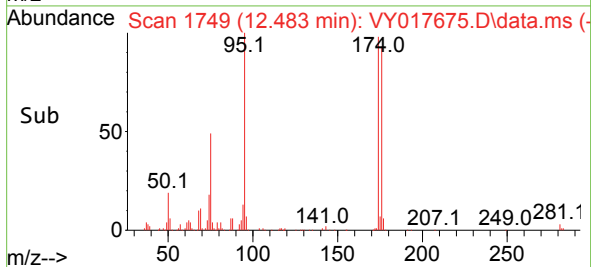
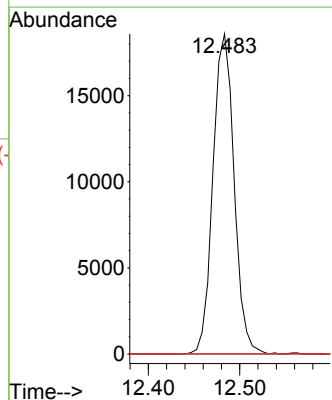
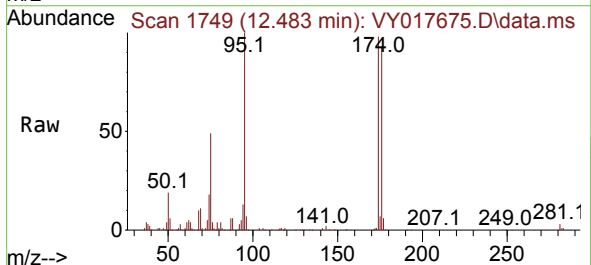
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-0-2.0

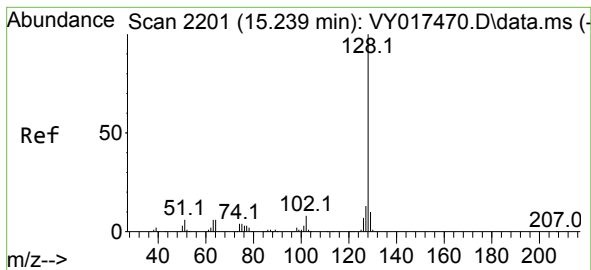
Tgt Ion: 75 Resp: 29841
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017675.D
Acq: 15 Mar 2024 16:10

Tgt Ion: 75 Resp: 29841
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.978 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017675.D

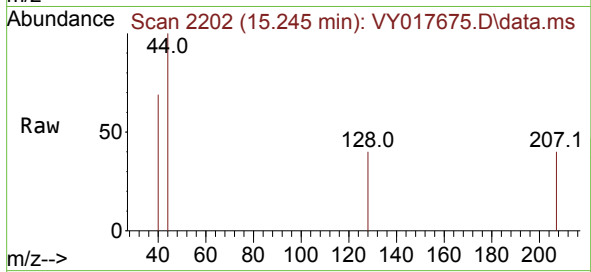
Acq: 15 Mar 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-0-2.0



Tgt Ion:128 Resp: 144

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

