

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017676.D
 Acq On : 15 Mar 2024 16:34
 Operator : SY/MD
 Sample : P1746-12RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 16 00:18:28 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)

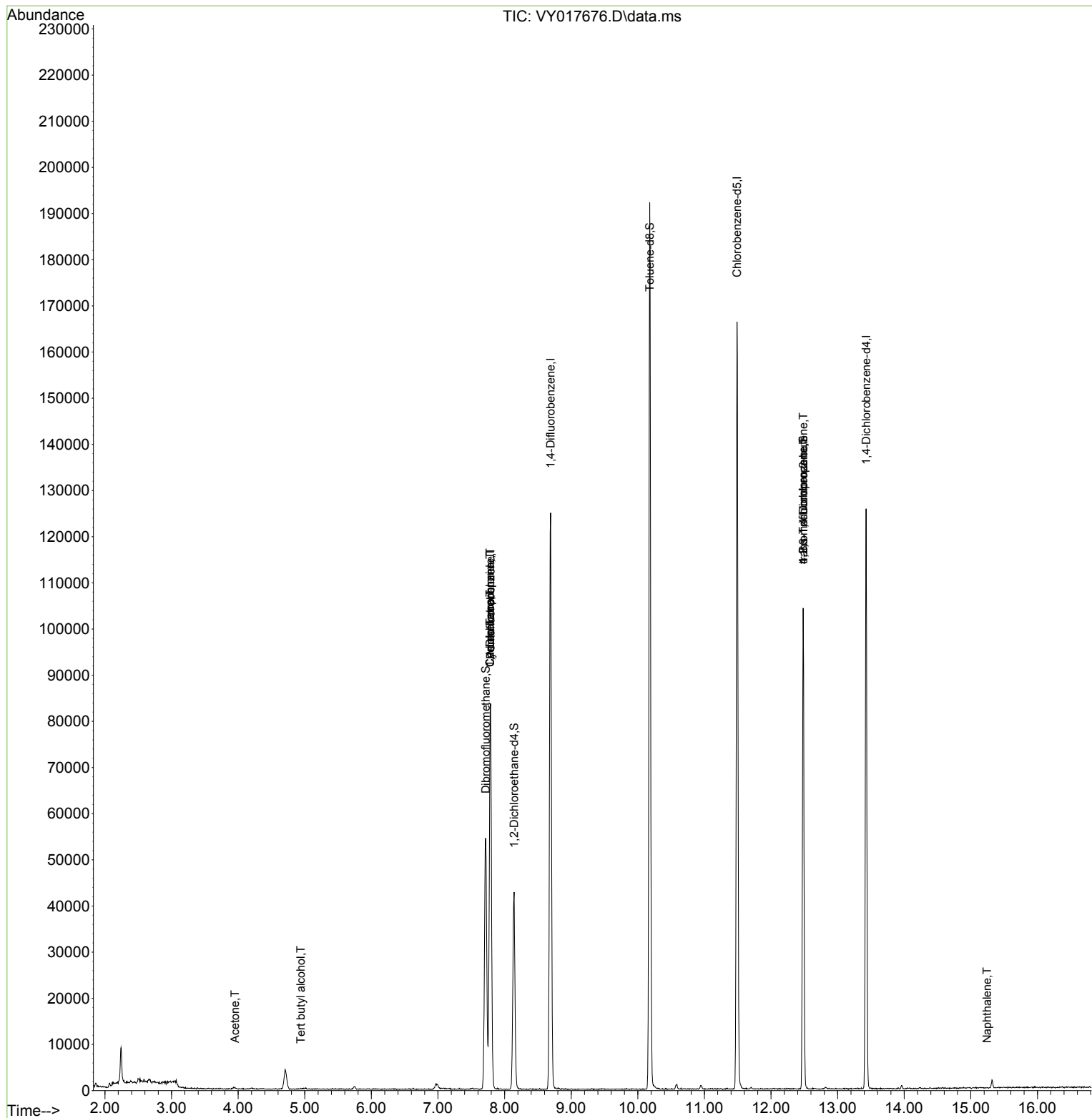
Internal Standards						
1) Pentafluorobenzene	7.789	168	71031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	118541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32025	47.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.716	113	39915	48.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.179	98	134504	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.483	95	32100	35.366	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	200	3.498	ug/l #	88
16) Acetone	3.954	43	530	4.059	ug/l #	75
20) Methylene Chloride	4.704	84	3282	Below Cal	#	87
31) Cyclohexane	7.783	56	1135	1.036	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	4722	4.237	ug/l #	48
38) Carbon Tetrachloride	7.783	117	6280	5.622	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	15617	46.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15617	107.798	ug/l #	16
95) Naphthalene	15.245	128	42	3.949	ug/l #	69

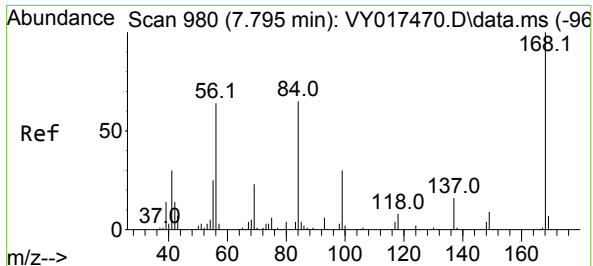
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
Data File : VY017676.D
Acq On : 15 Mar 2024 16:34
Operator : SY/MD
Sample : P1746-12RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

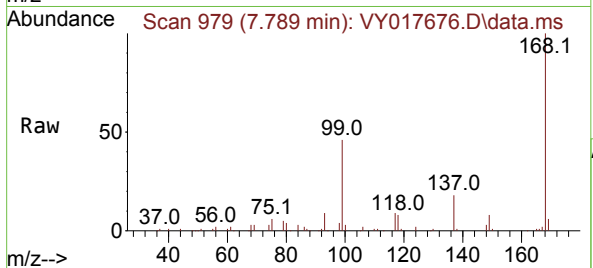
Quant Time: Mar 16 00:18:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



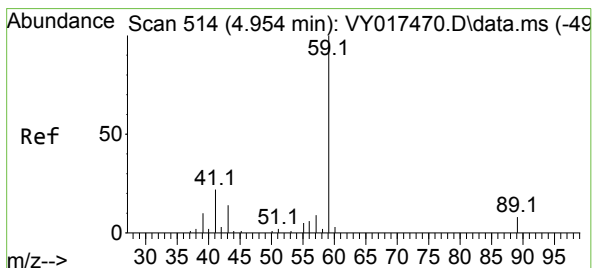
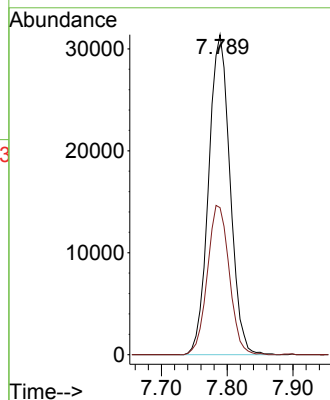
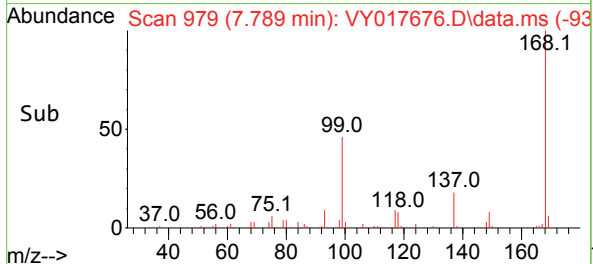


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

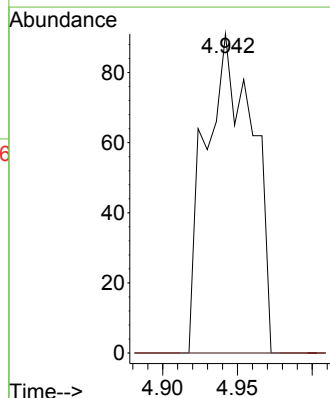
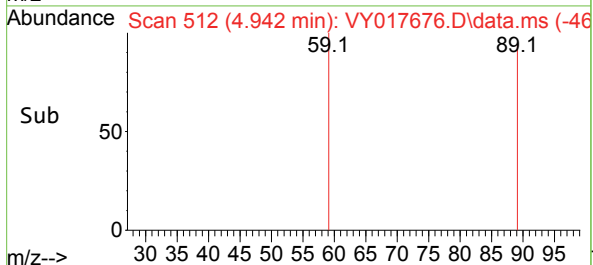
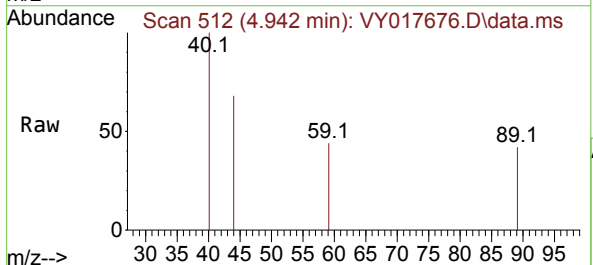


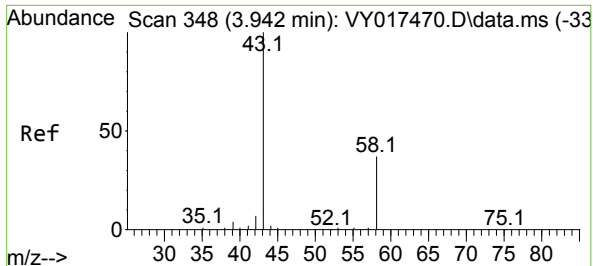
Tgt Ion:168 Resp: 71031
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.498 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.059 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

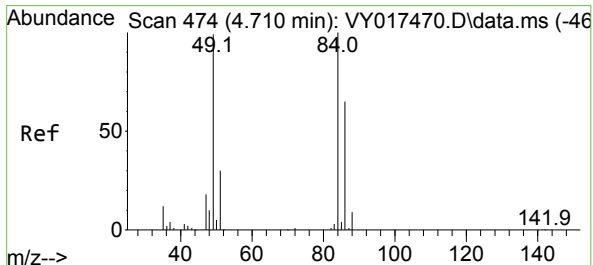
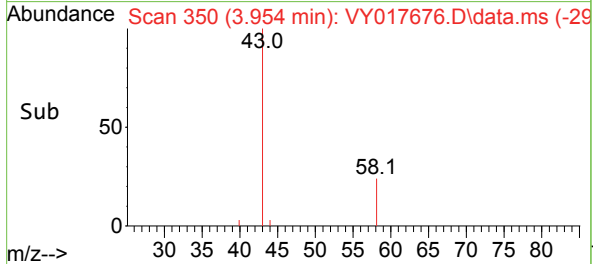
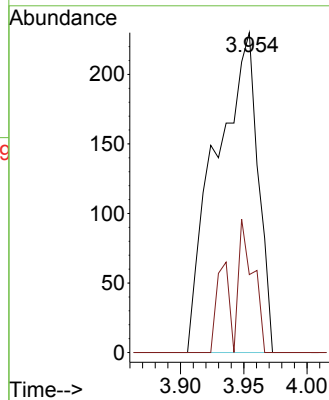
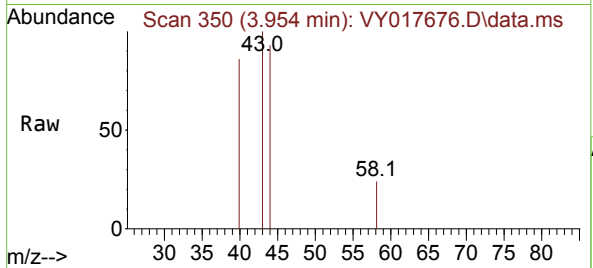
SB-04-2.0-4.0

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

58 24.3 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Tgt Ion: 84 Resp: 3282

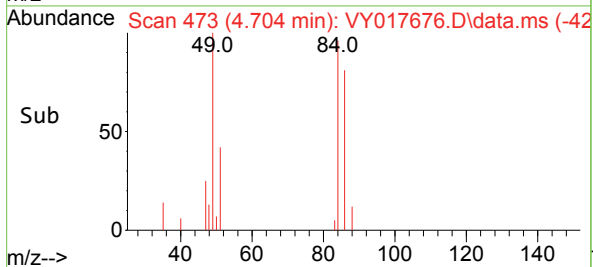
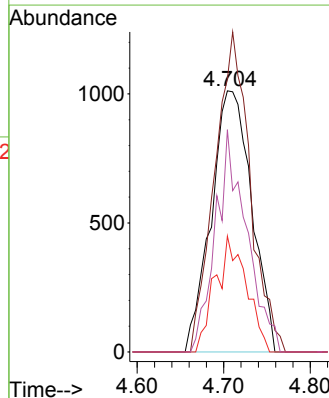
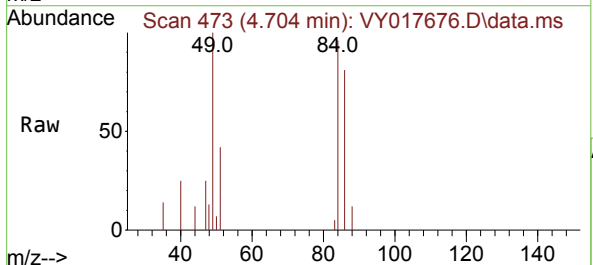
Ion Ratio Lower Upper

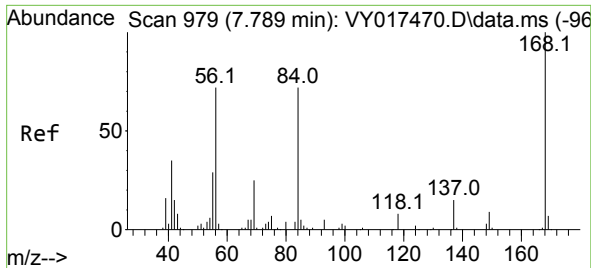
84 100

49 104.4 84.4 126.6

51 44.4 26.0 39.0#

86 85.1 49.5 74.3#

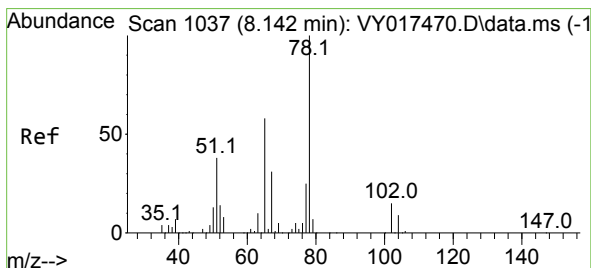
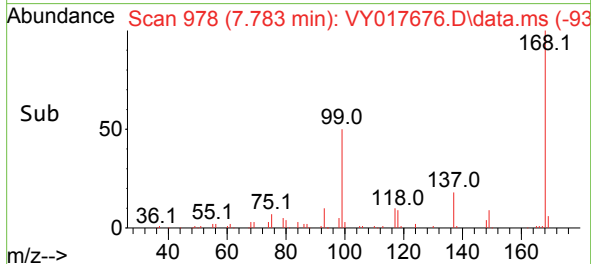
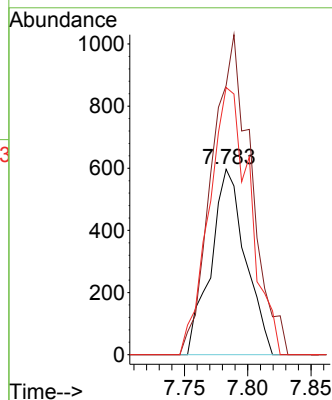
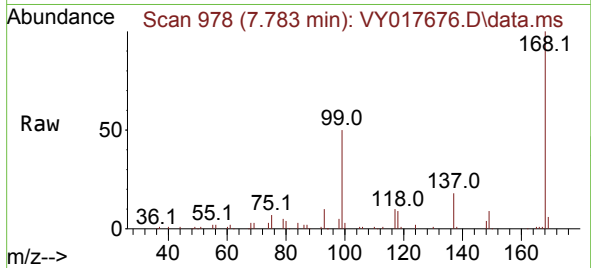




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

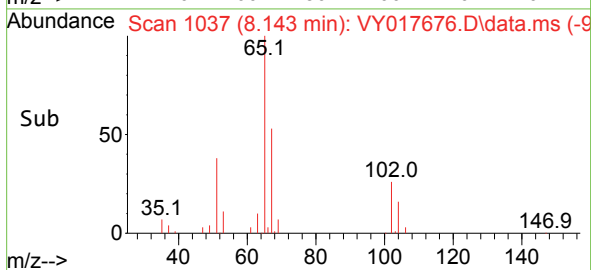
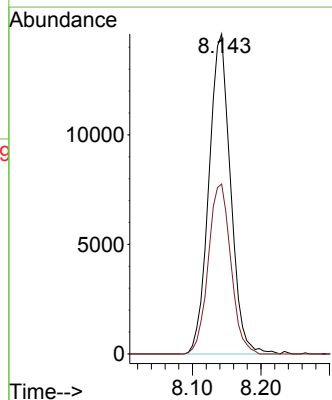
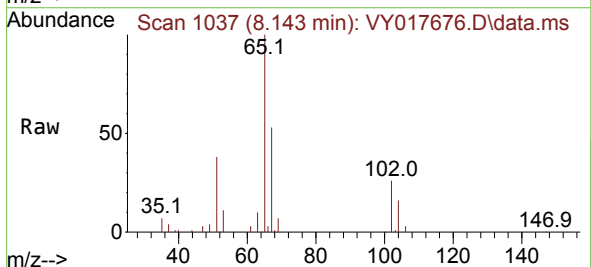
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

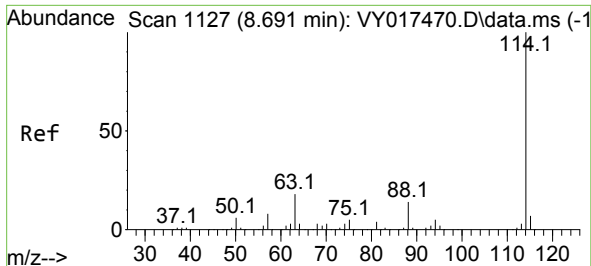
Tgt Ion: 56 Resp: 1135
Ion Ratio Lower Upper
56 100
69 145.1 28.7 43.1#
84 144.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 47.573 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion: 65 Resp: 32025
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

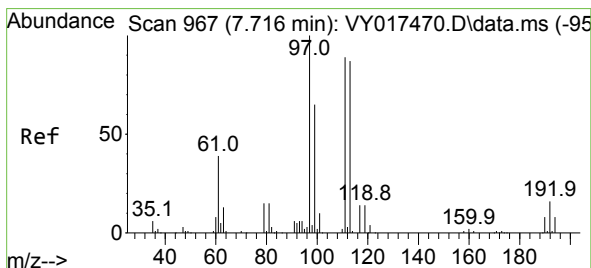
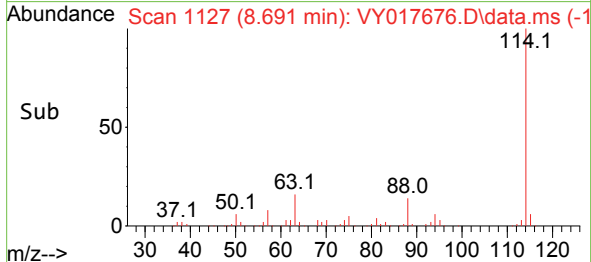
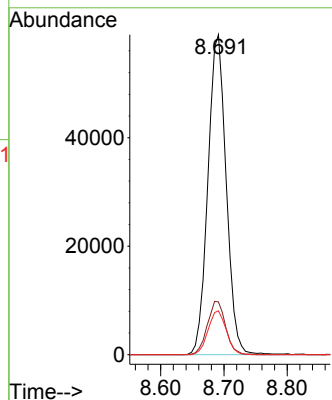
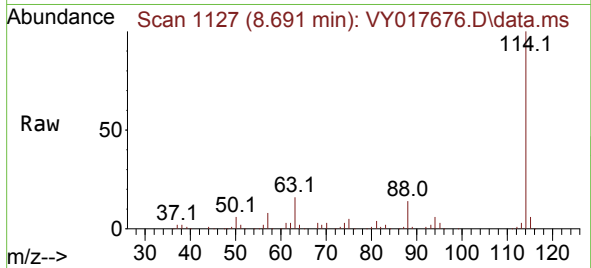




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

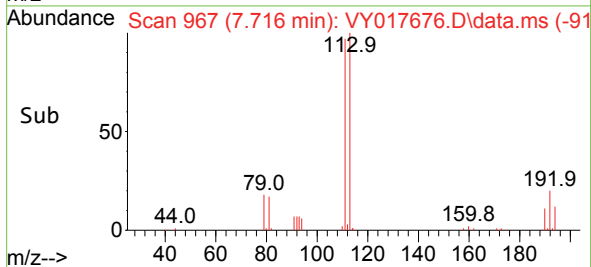
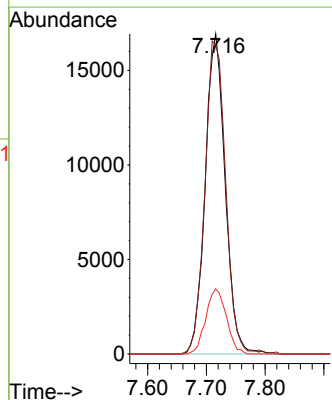
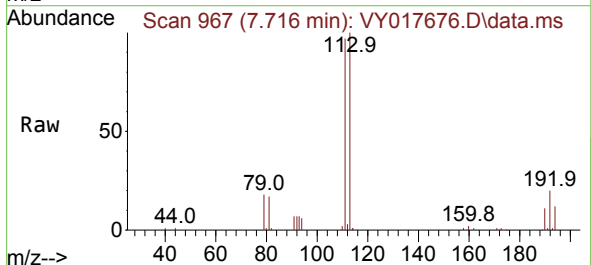
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

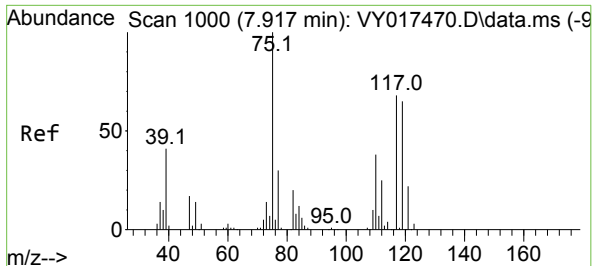
Tgt Ion:114 Resp: 118541
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.321 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion:113 Resp: 39915
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 21.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.237 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.0-4.0

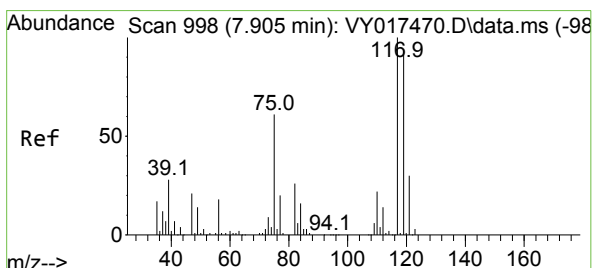
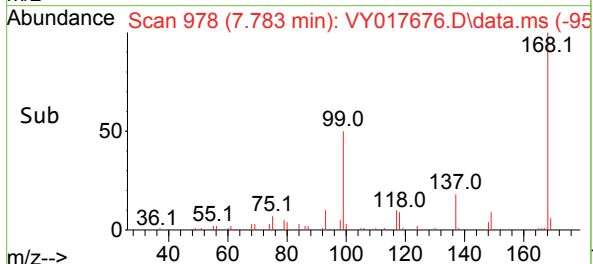
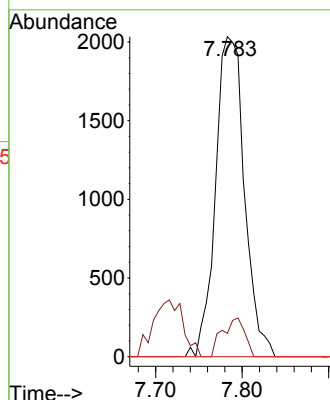
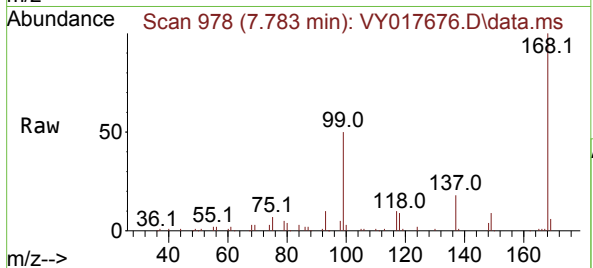
Tgt Ion: 75 Resp: 4722

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

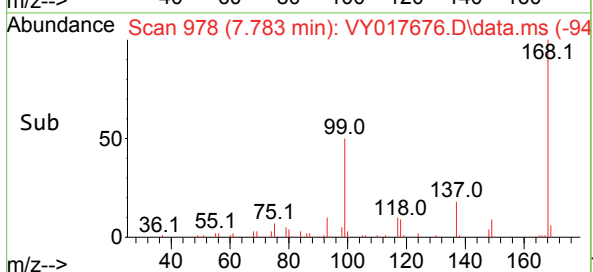
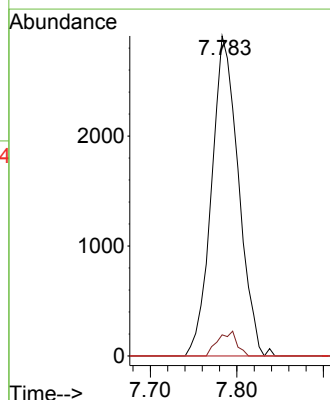
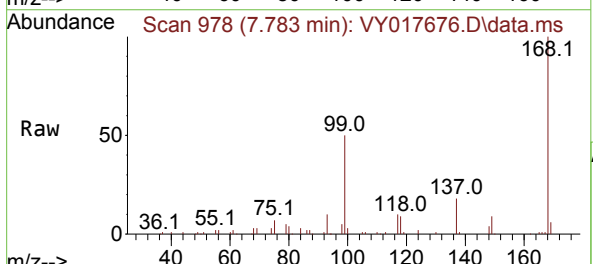
Tgt Ion: 117 Resp: 6280

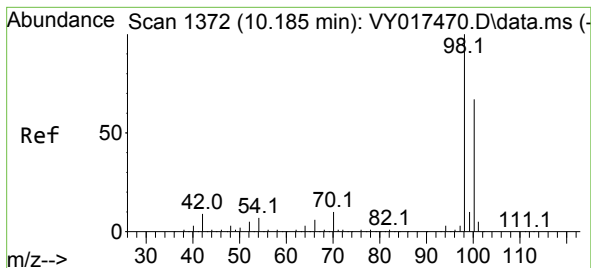
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.572 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

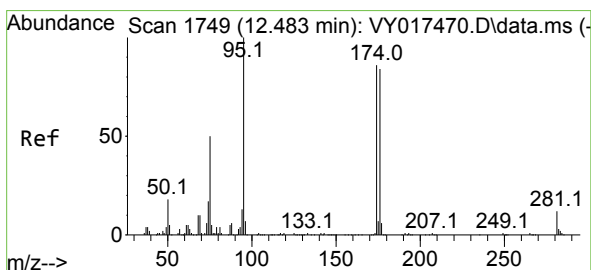
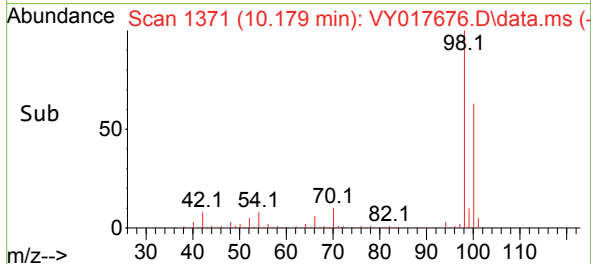
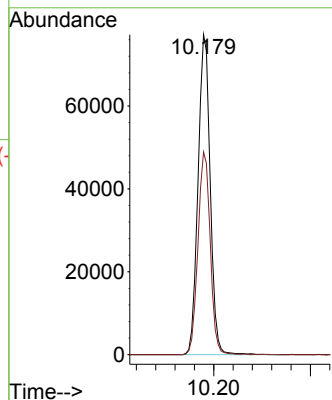
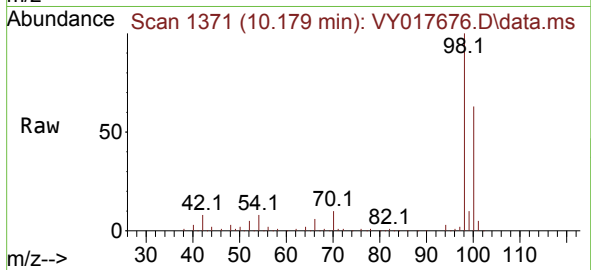
SB-04-2.0-4.0

Tgt Ion: 98 Resp: 134504

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.366 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

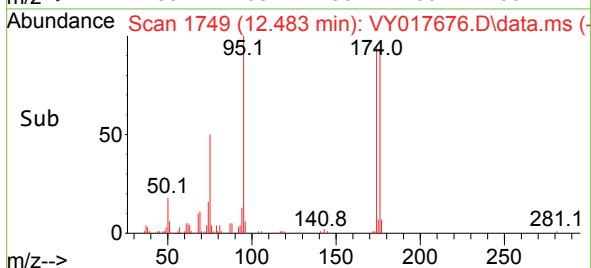
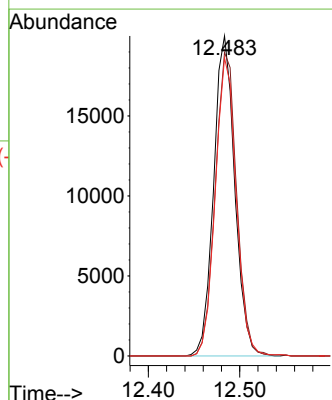
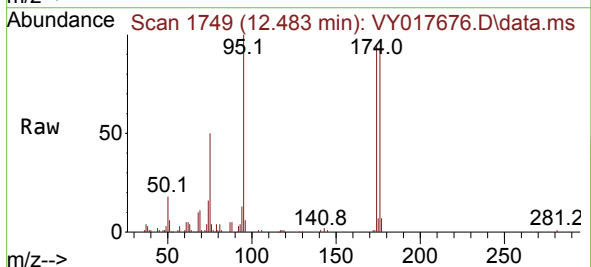
Tgt Ion: 95 Resp: 32100

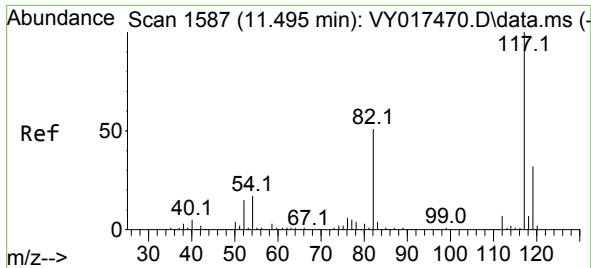
Ion Ratio Lower Upper

95 100

174 96.3 0.0 175.6

176 92.4 0.0 171.4

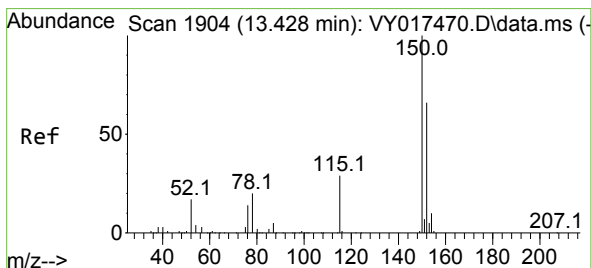
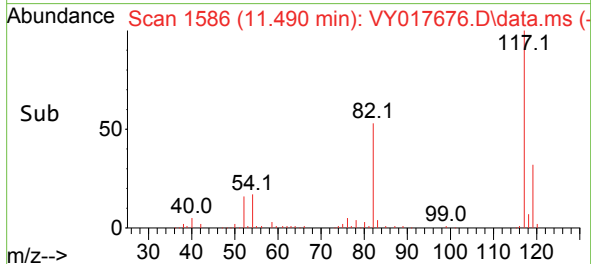
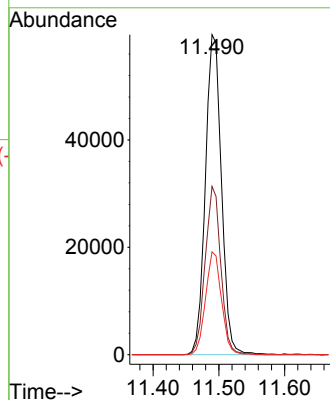
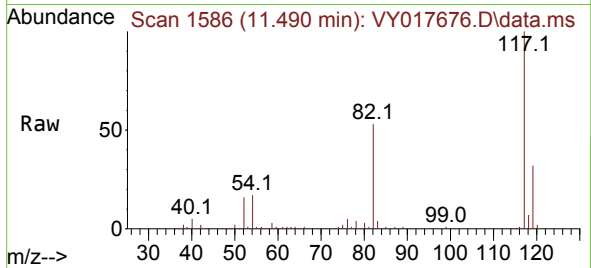




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

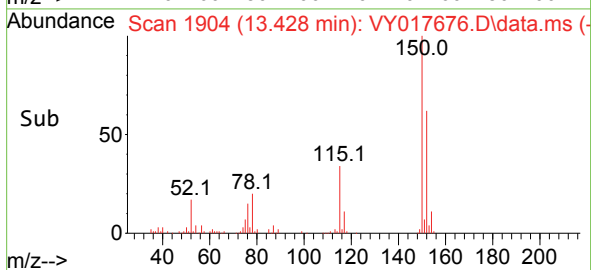
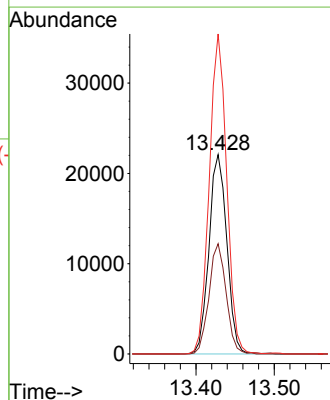
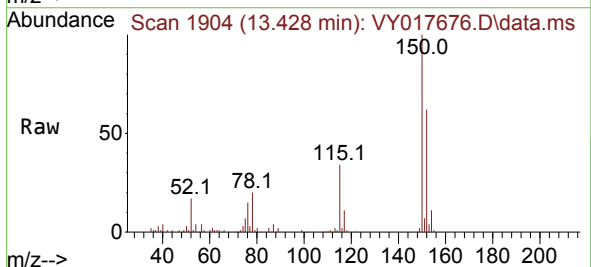
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

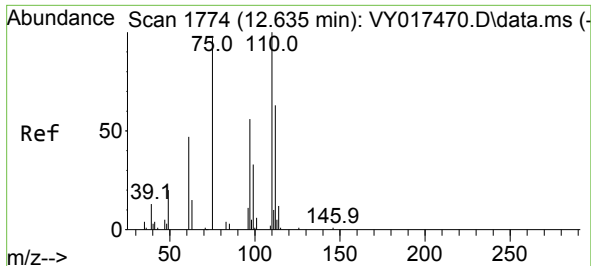
Tgt Ion:117 Resp: 101340
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion:152 Resp: 35035
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 156.0 0.0 345.6

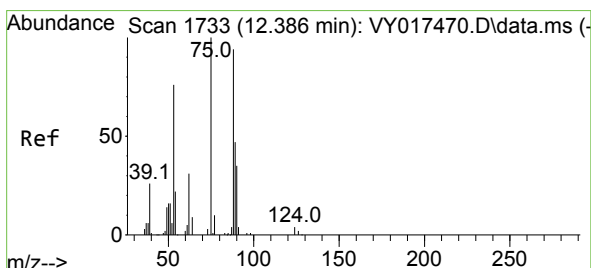
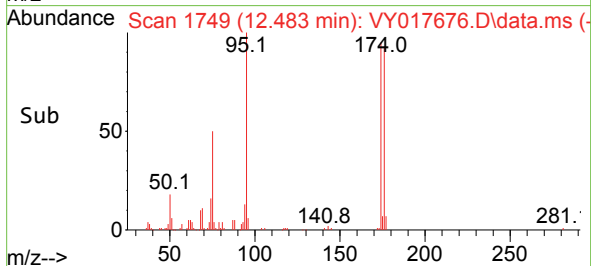
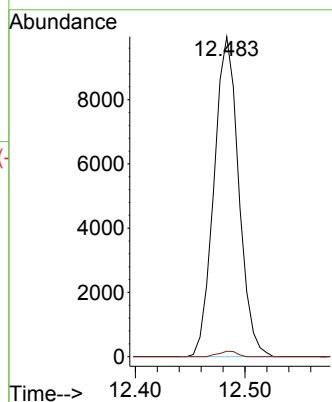
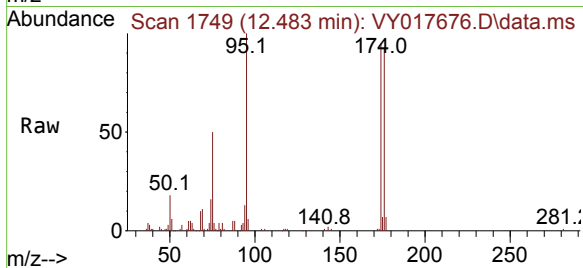




#76
1,2,3-Trichloropropane
Concen: 46.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

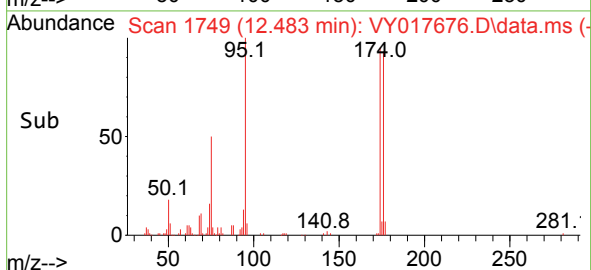
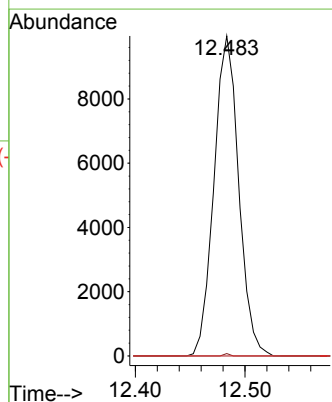
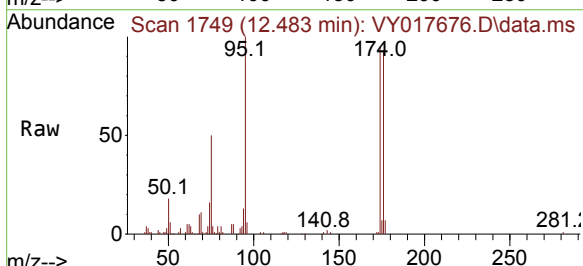
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

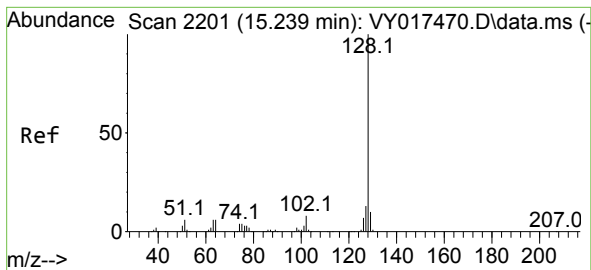
Tgt Ion: 75 Resp: 15617
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion: 75 Resp: 15617
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.949 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017676.D

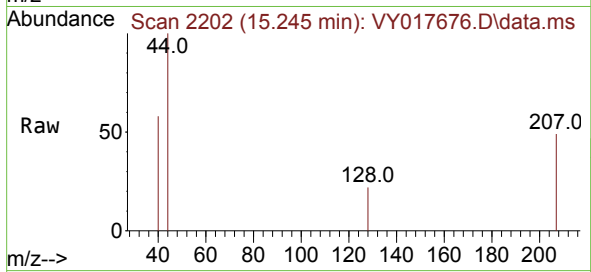
Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.0-4.0



Tgt Ion:128 Resp: 42

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

