

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017671.D
 Acq On : 15 Mar 2024 14:36
 Operator : SY/MD
 Sample : P1746-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Mar 16 00:16:46 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)

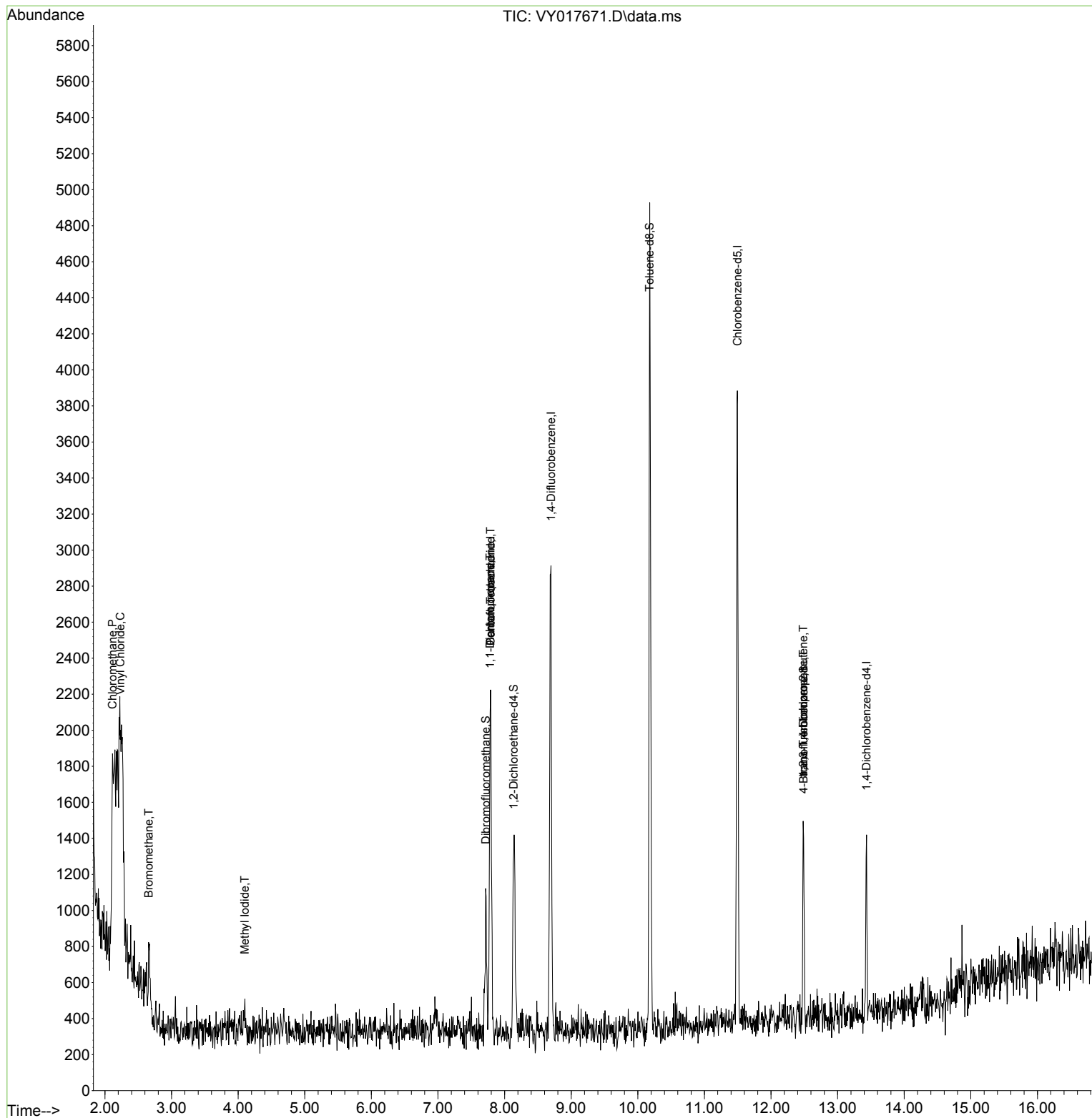
Internal Standards						
1) Pentafluorobenzene	7.789	168	2092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1135	57.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.716	113	617	29.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.600%
50) Toluene-d8	10.178	98	3508	47.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.489	95	504	21.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.560%
Target Compounds						Qvalue
3) Chloromethane	2.113	50	164	5.816	ug/l #	43
4) Vinyl Chloride	2.229	62	99	2.737	ug/l #	42
5) Bromomethane	2.655	94	189	6.412	ug/l #	49
10) Methyl Iodide	4.100	142	316	13.278	ug/l #	42
20) Methylene Chloride	4.704	84	45	Below Cal	#	12
36) 1,1-Dichloropropene	7.783	75	84	2.956	ug/l #	40
38) Carbon Tetrachloride	7.789	117	69	2.423	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	202	72.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	202	166.724	ug/l #	16

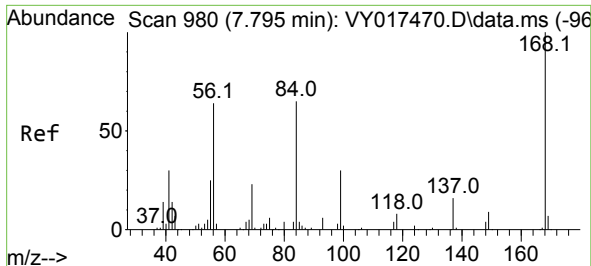
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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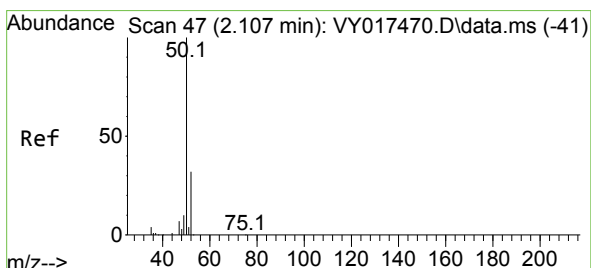
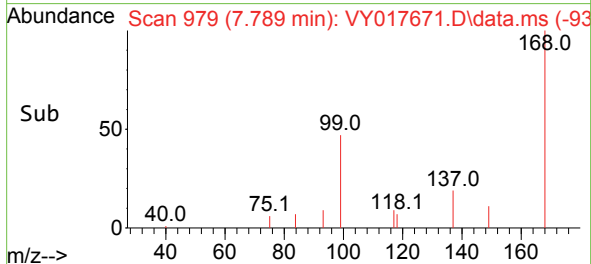
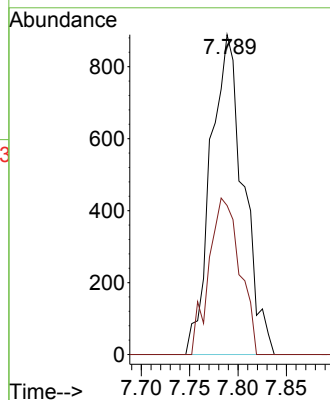
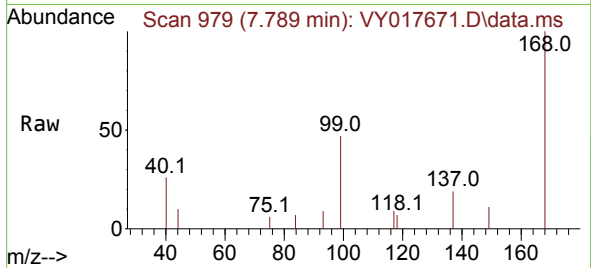




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

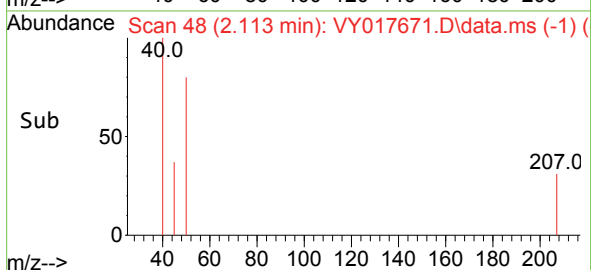
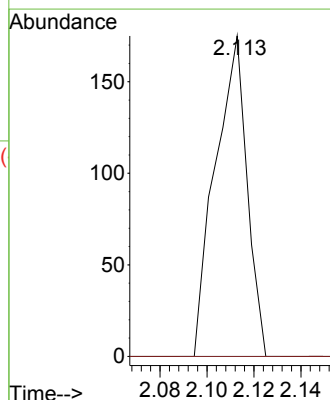
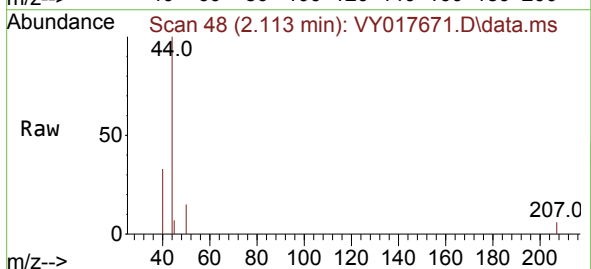
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

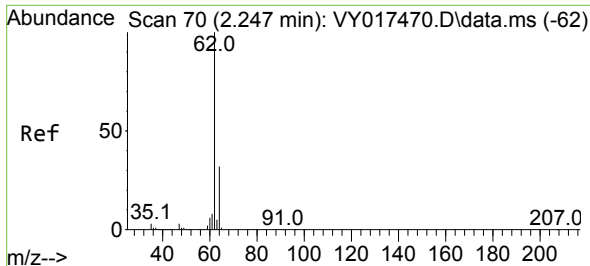
Tgt Ion:168 Resp: 2092
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#3
Chloromethane
Concen: 5.816 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 50 Resp: 164
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

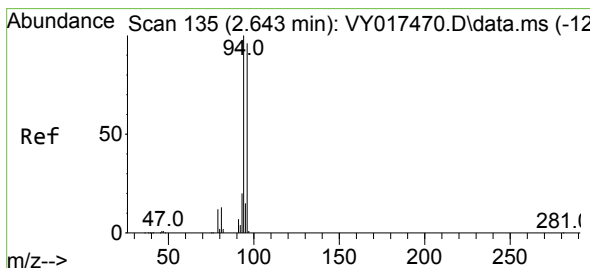
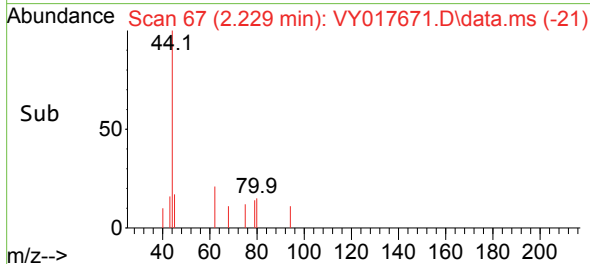
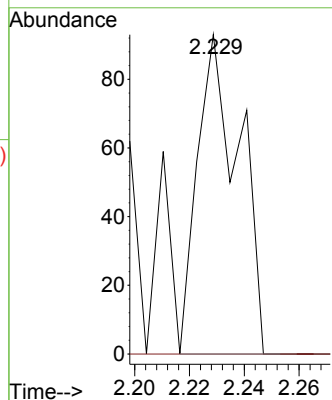
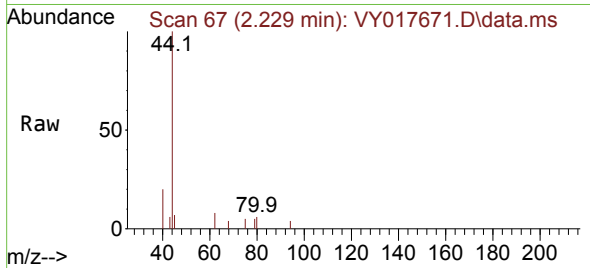




#4
 Vinyl Chloride
 Concen: 2.737 ug/l
 RT: 2.229 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY017671.D
 Acq: 15 Mar 2024 14:36

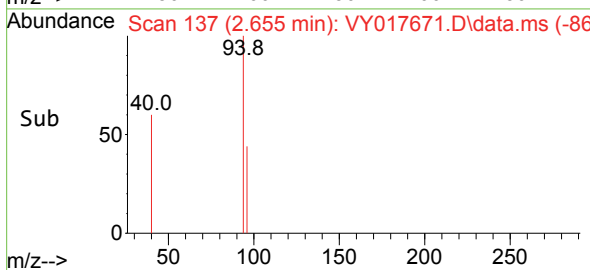
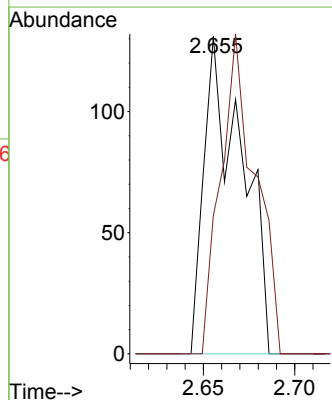
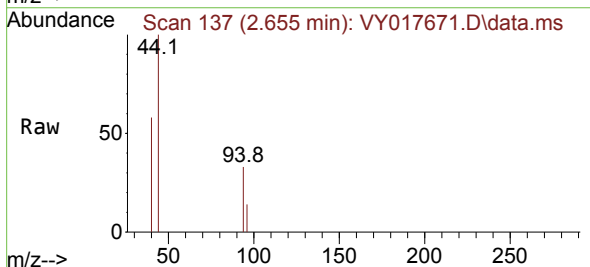
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0

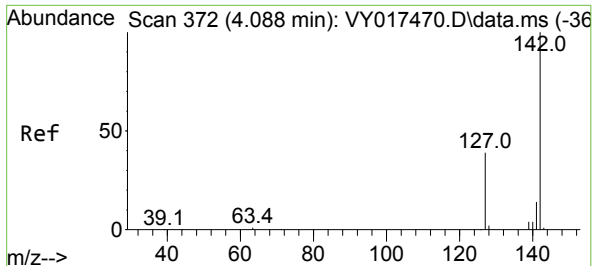
Tgt Ion: 62 Resp: 99
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 6.412 ug/l
 RT: 2.655 min Scan# 137
 Delta R.T. 0.012 min
 Lab File: VY017671.D
 Acq: 15 Mar 2024 14:36

Tgt Ion: 94 Resp: 189
 Ion Ratio Lower Upper
 94 100
 96 43.5 74.1 111.1#

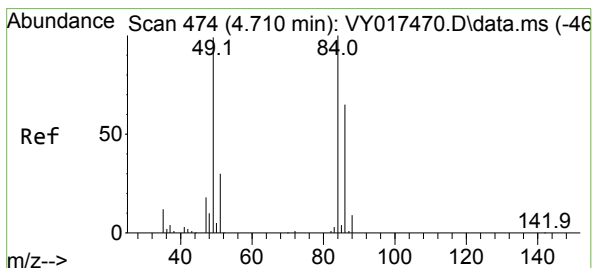
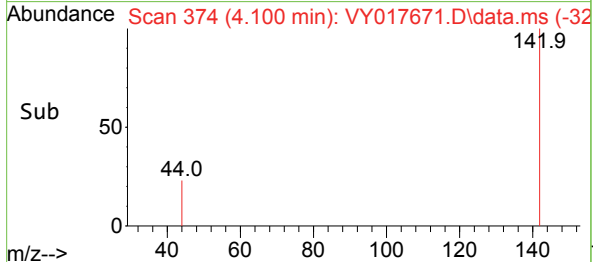
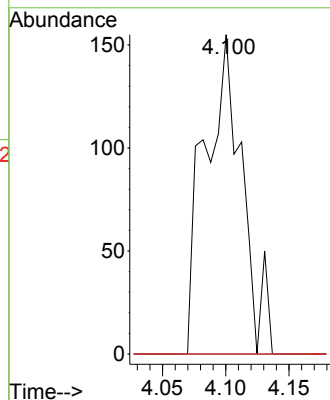
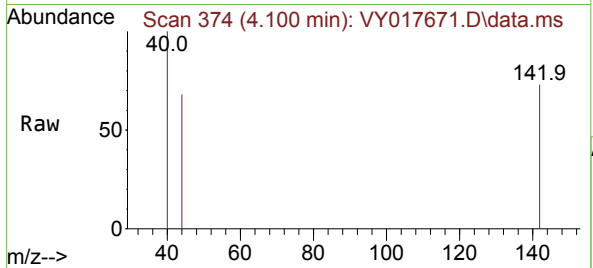




#10
Methyl Iodide
Concen: 13.278 ug/l
RT: 4.100 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

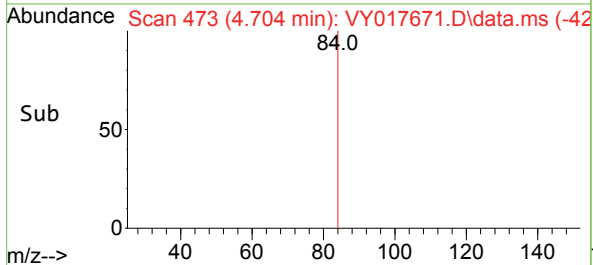
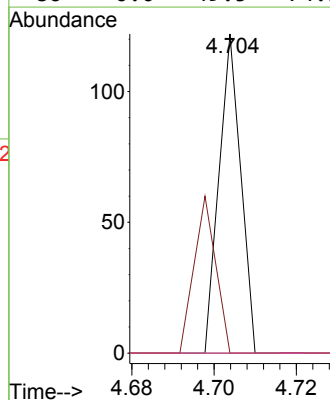
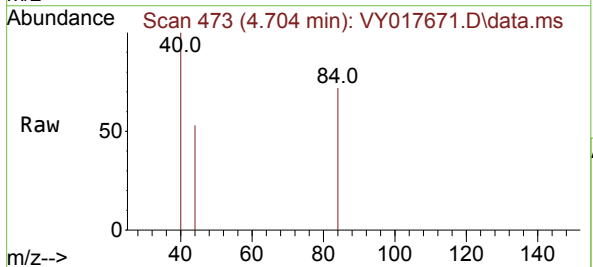
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

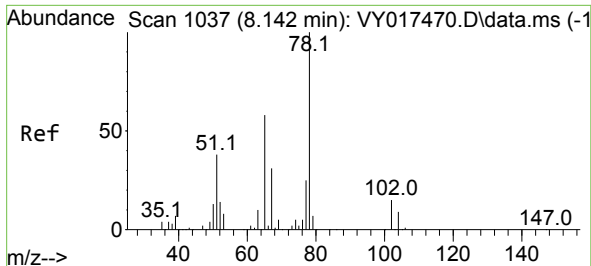
Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 84 Resp: 45
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 57.247 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017671.D

Acq: 15 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

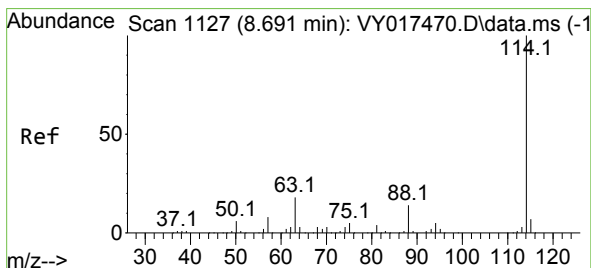
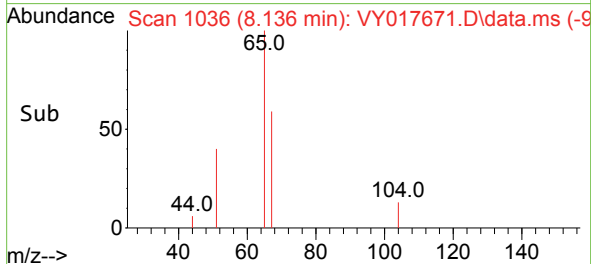
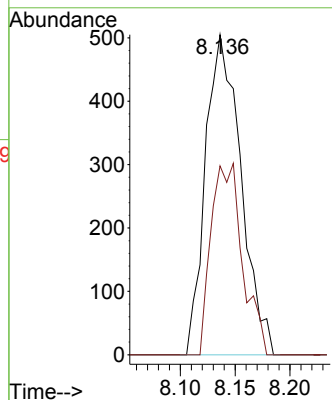
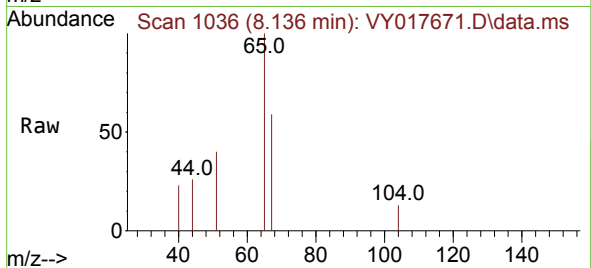
SB-05-0-2.0

Tgt Ion: 65 Resp: 1135

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017671.D

Acq: 15 Mar 2024 14:36

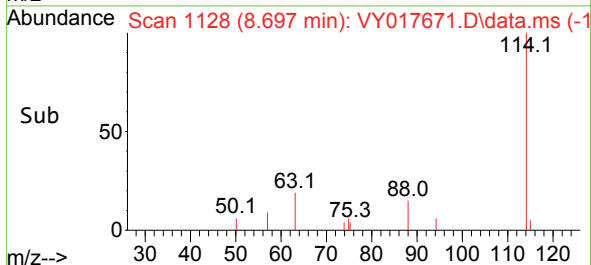
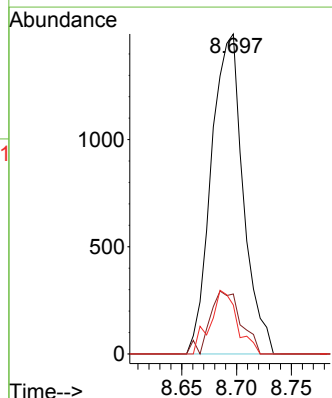
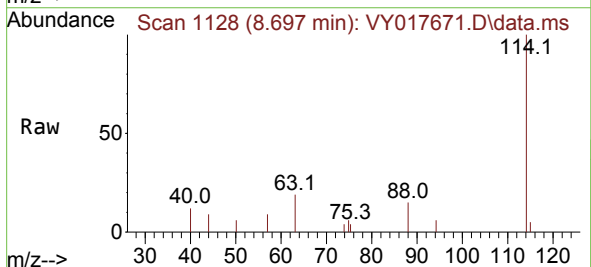
Tgt Ion: 114 Resp: 3022

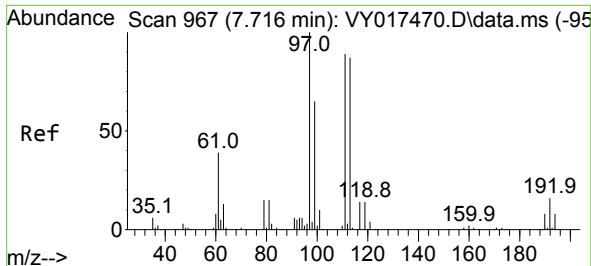
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 15.3 0.0 27.2

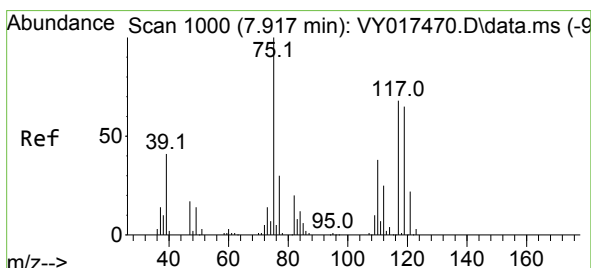
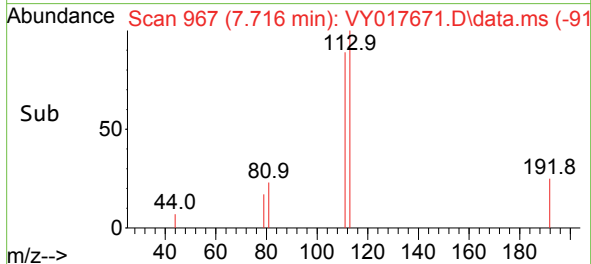
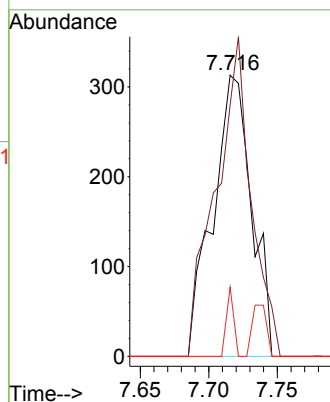
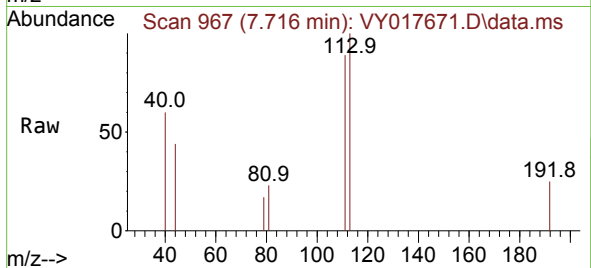




#35
Dibromofluoromethane
Concen: 29.300 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

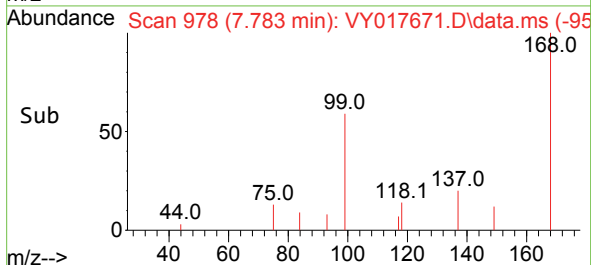
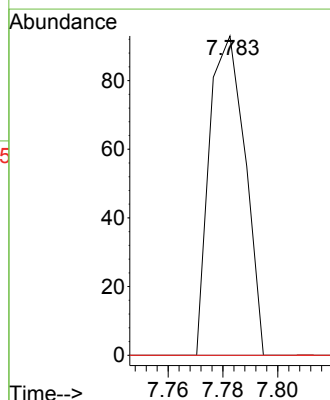
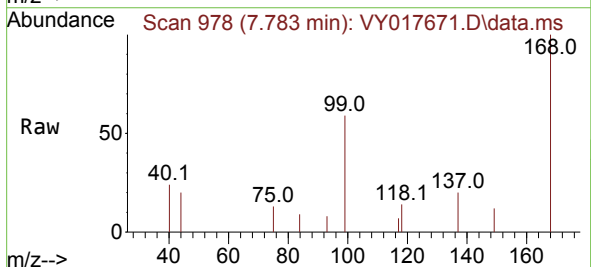
Instrument :
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ClientSampleId :
SB-05-0-2.0

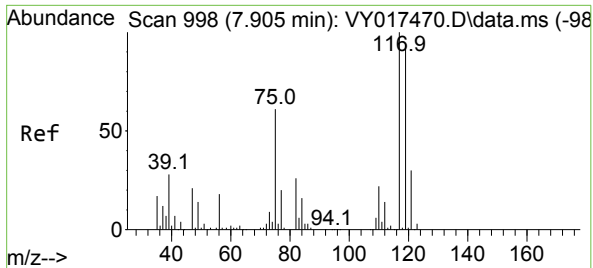
Tgt Ion:113 Resp: 617
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 4.5 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 2.956 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

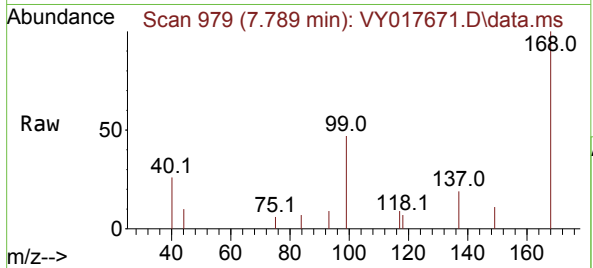
Tgt Ion: 75 Resp: 84
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



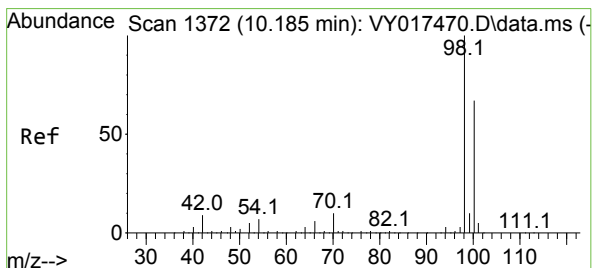
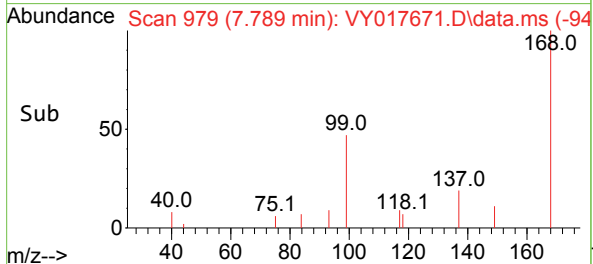
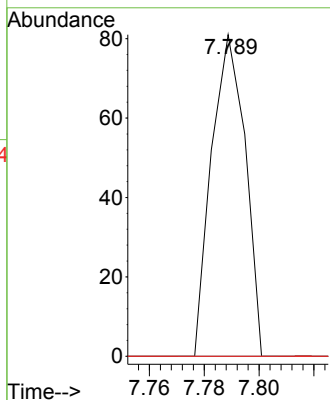


#38
Carbon Tetrachloride
Concen: 2.423 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

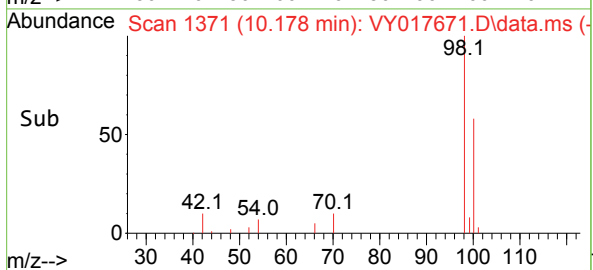
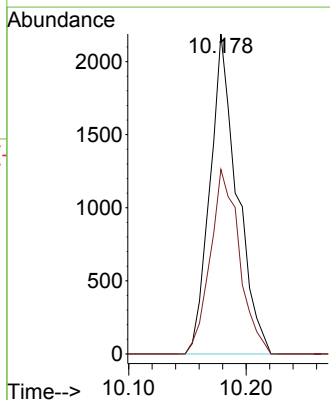
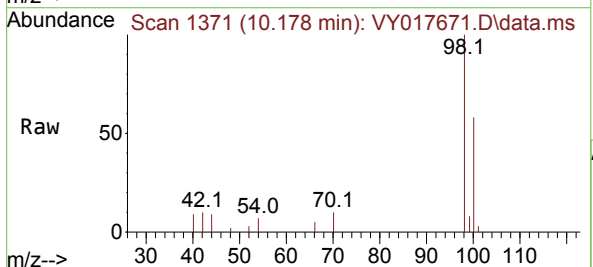


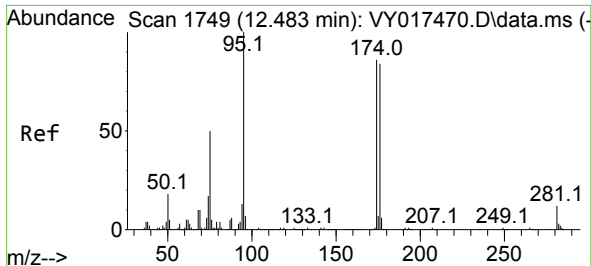
Tgt Ion:117 Resp: 69
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.645 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 98 Resp: 3508
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

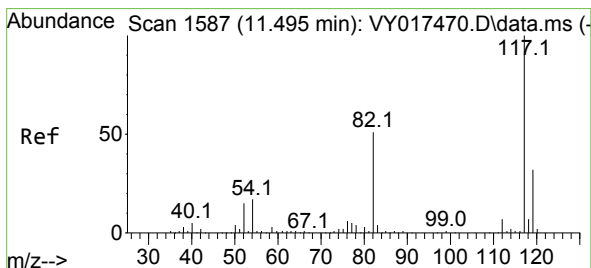
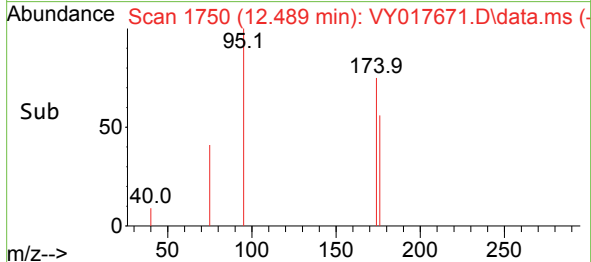
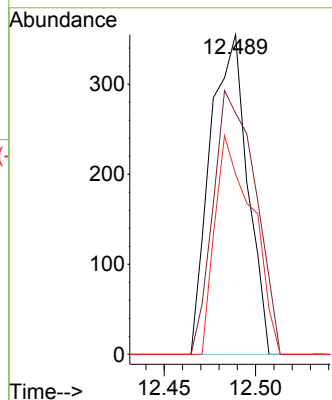
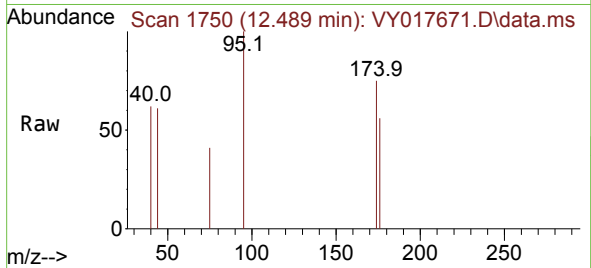




#62
4-Bromofluorobenzene
Concen: 21.781 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

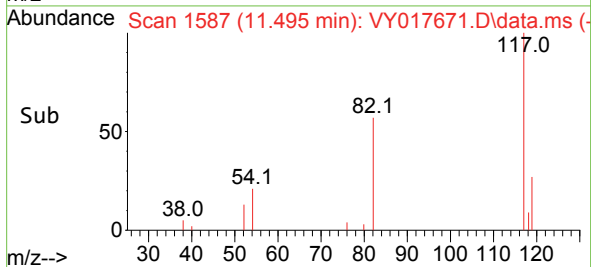
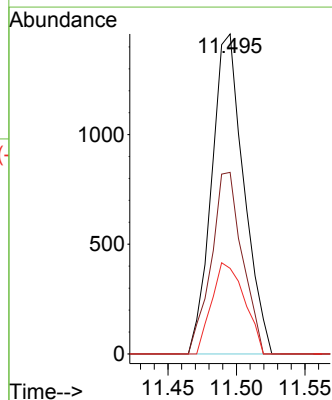
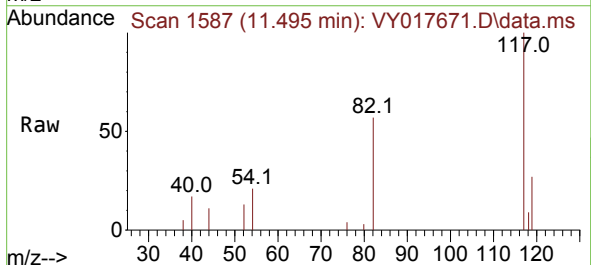
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

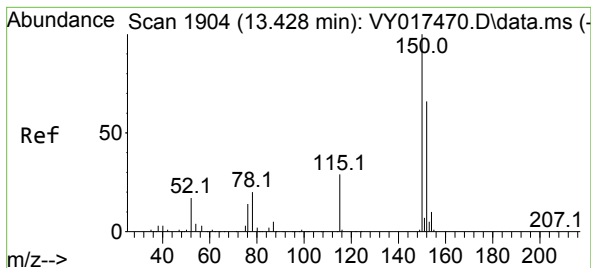
Tgt Ion: 95 Resp: 504
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 68.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017671.D
Acq: 15 Mar 2024 14:36

Tgt Ion: 117 Resp: 2379
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 26.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017671.D

Acq: 15 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0

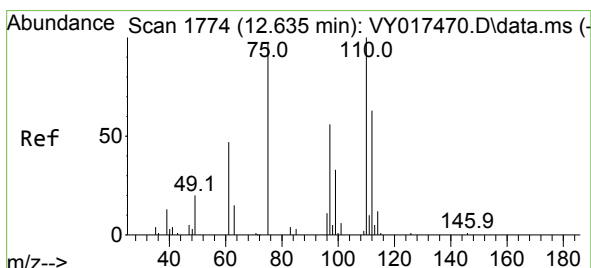
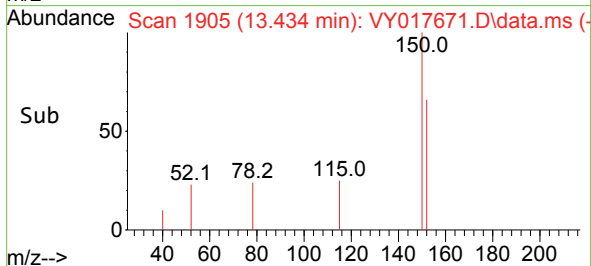
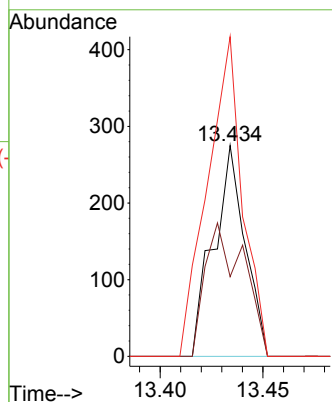
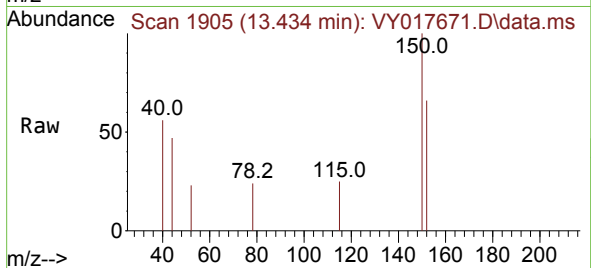
Tgt Ion:152 Resp: 293

Ion Ratio Lower Upper

152 100

115 76.8 28.2 84.7

150 167.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.559 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY017671.D

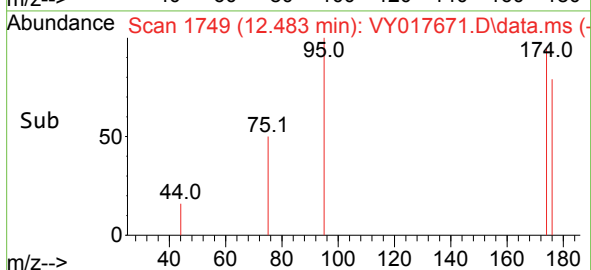
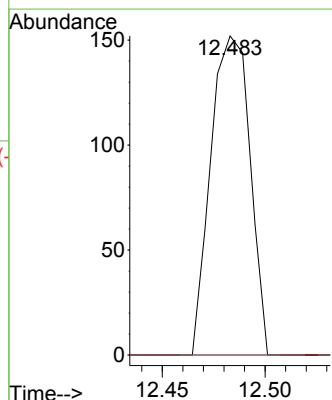
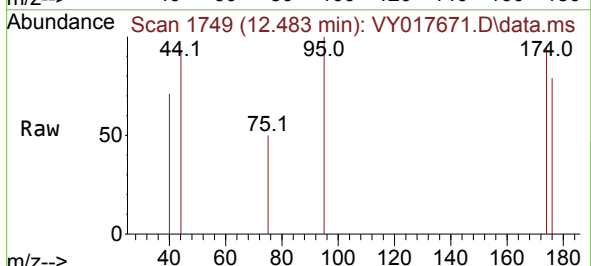
Acq: 15 Mar 2024 14:36

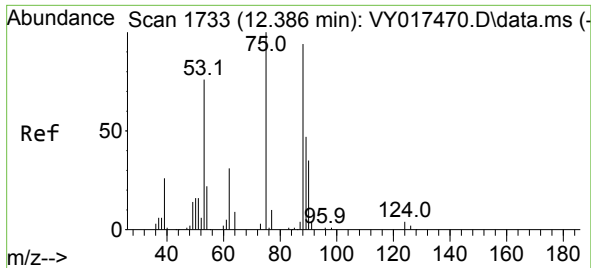
Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.724 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017671.D
 Acq: 15 Mar 2024 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0

Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

