

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017575.D
 Acq On : 05 Mar 2024 16:42
 Operator : SY/MD
 Sample : P1682-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-03052024

Quant Time: Mar 05 22:06:26 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)

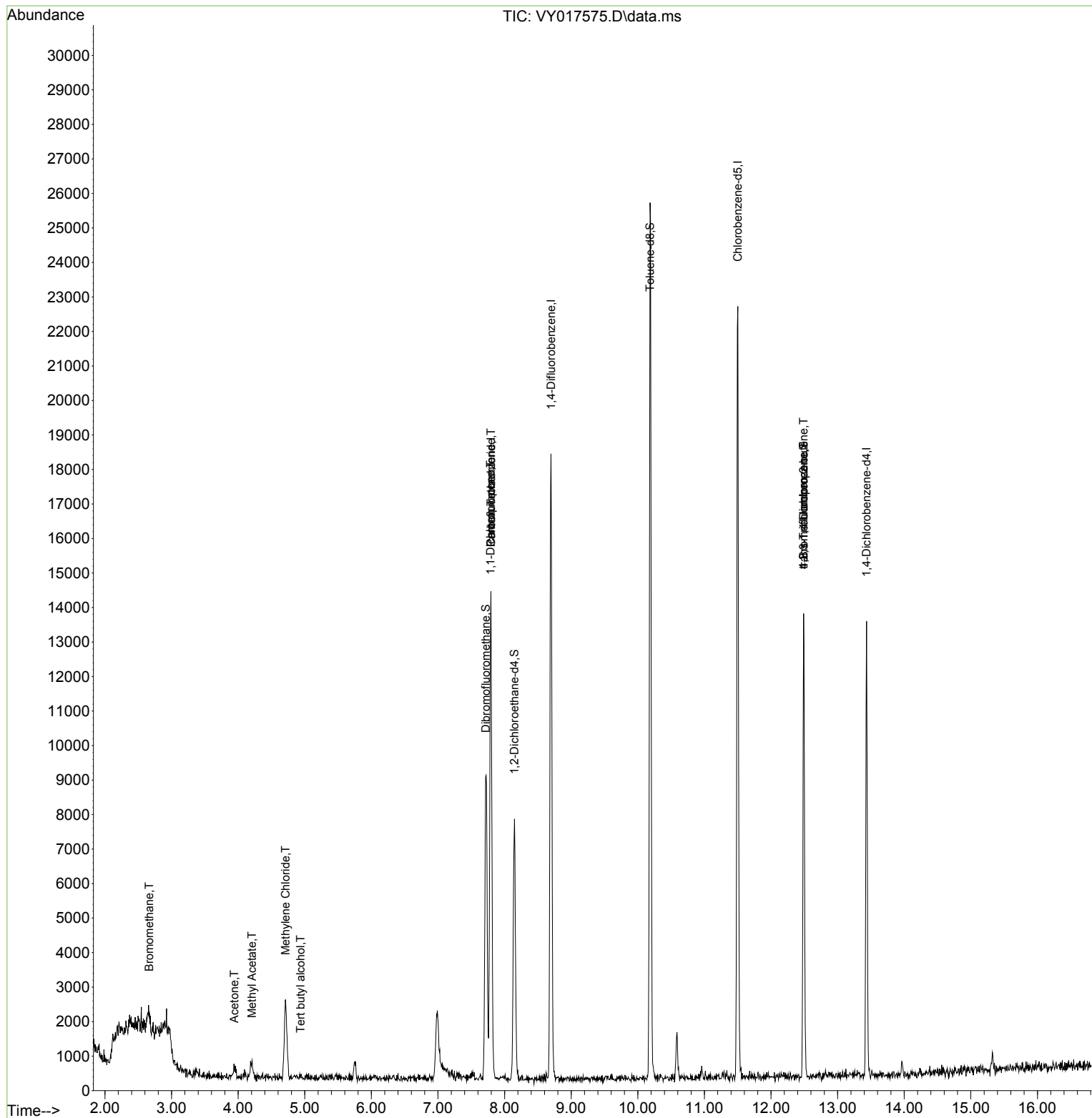
Internal Standards						
1) Pentafluorobenzene	7.795	168	11586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	14296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5959	54.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.716	113	6723	55.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.185	98	18789	44.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.360%	
62) 4-Bromofluorobenzene	12.489	95	3981	30.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 60.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	201	1.231	ug/l #	75
11) Tert butyl alcohol	4.936	59	20	2.144	ug/l #	88
16) Acetone	3.942	43	532	24.979	ug/l #	70
18) Methyl Acetate	4.204	43	128	2.477	ug/l #	46
20) Methylene Chloride	4.710	84	1806	10.057	ug/l #	83
36) 1,1-Dichloropropene	7.789	75	981	6.045	ug/l #	40
38) Carbon Tetrachloride	7.795	117	1128	6.935	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	2194	58.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	2194	134.290	ug/l #	16

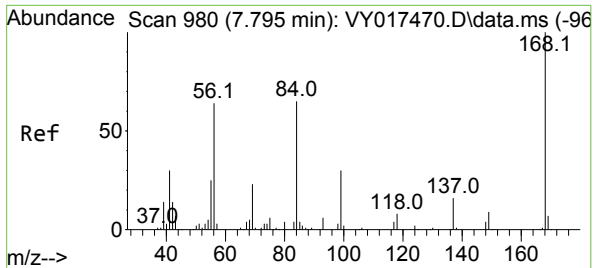
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
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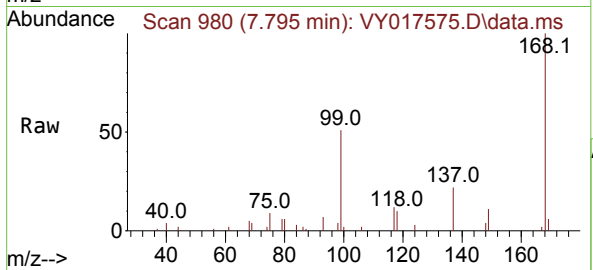
Quant Time: Mar 05 22:06:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
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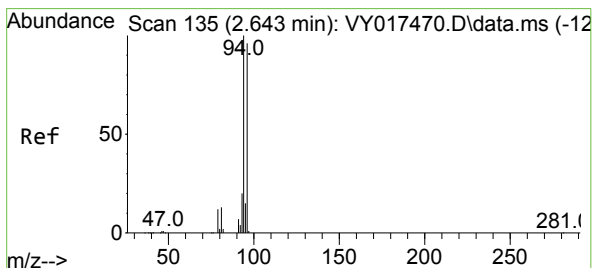
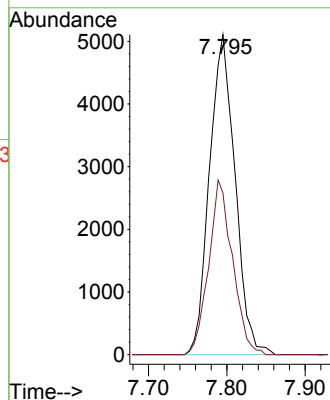
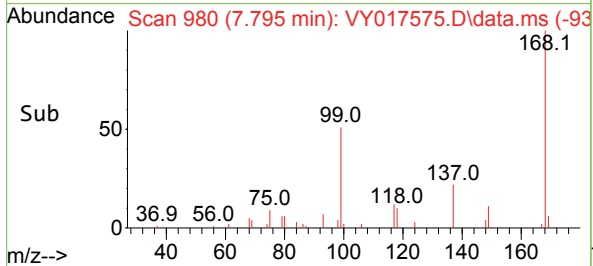


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

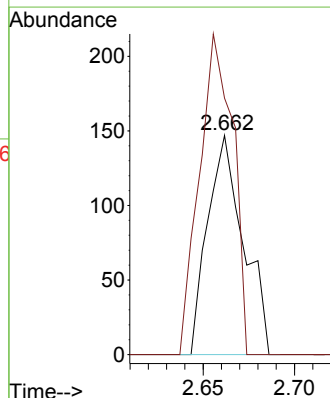
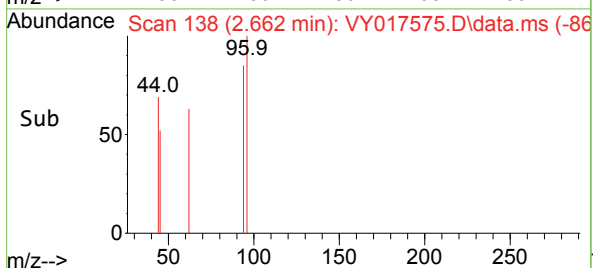
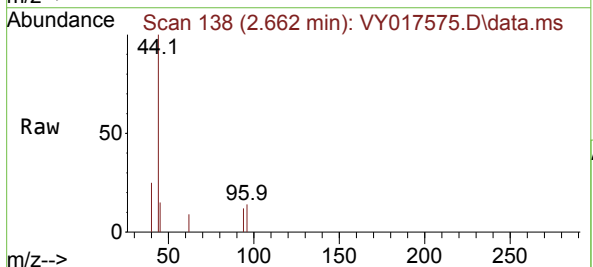


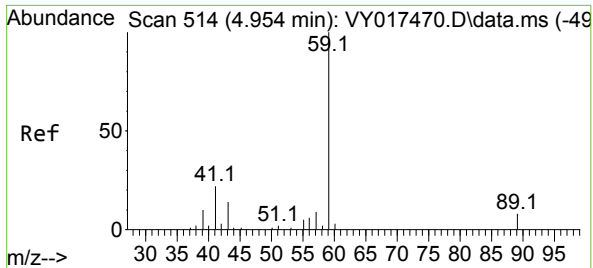
Tgt Ion:168 Resp: 11586
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#5
Bromomethane
Concen: 1.231 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 117.0 74.1 111.1#

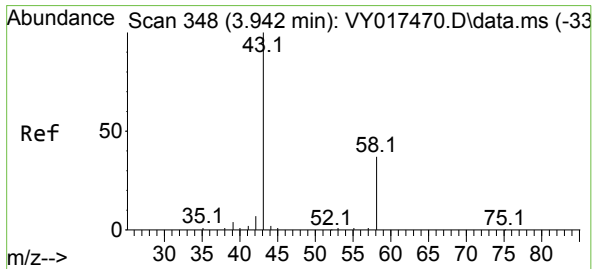
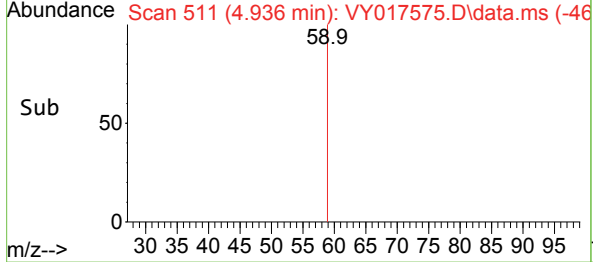
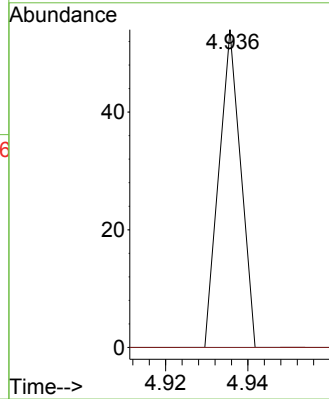
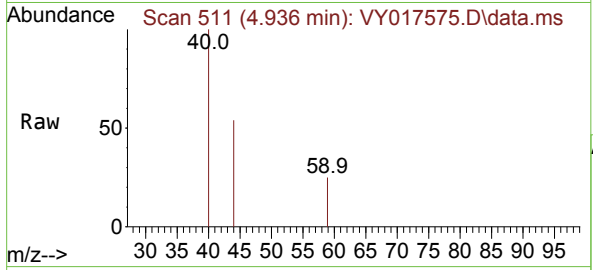




#11
Tert butyl alcohol
Concen: 2.144 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

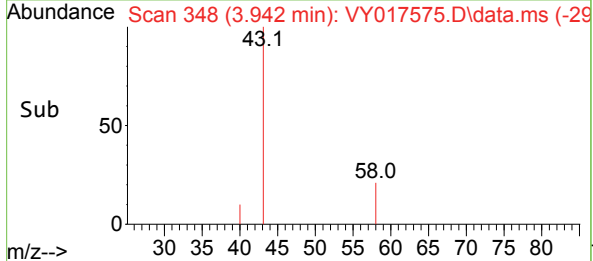
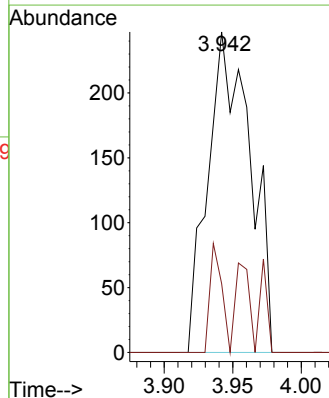
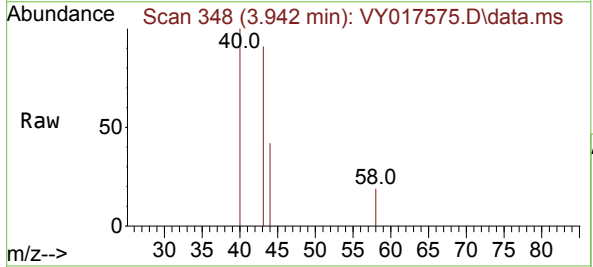
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

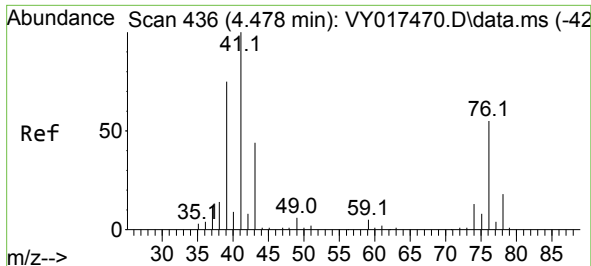
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 24.979 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 21.5 31.7 47.5#

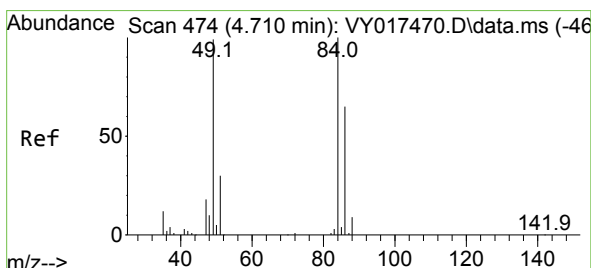
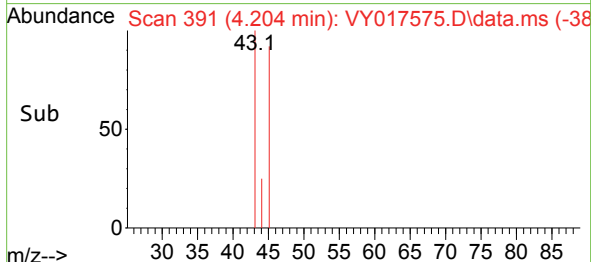
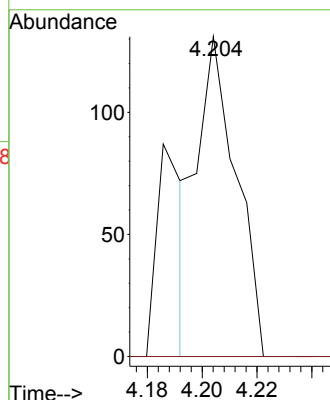
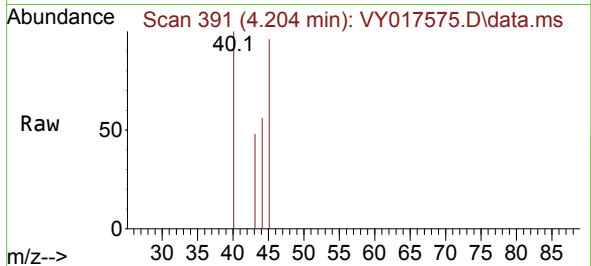




#18
Methyl Acetate
Concen: 2.477 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.274 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

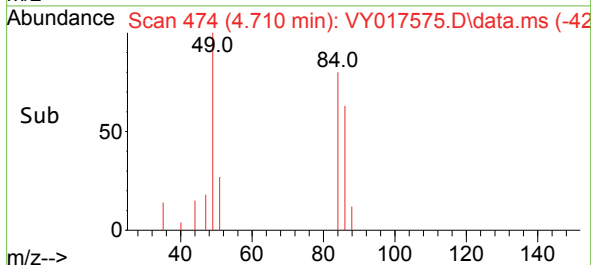
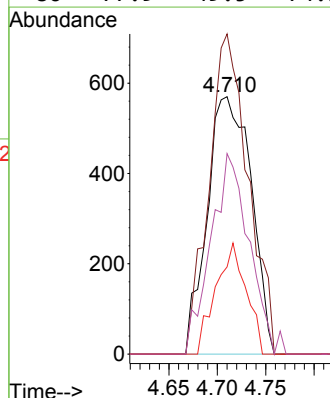
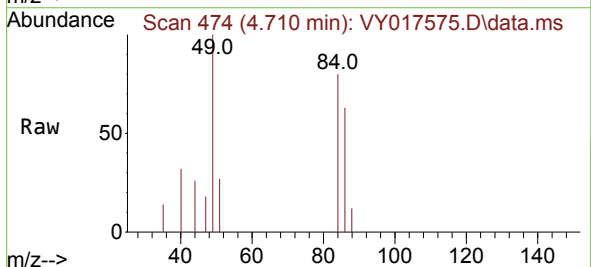
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

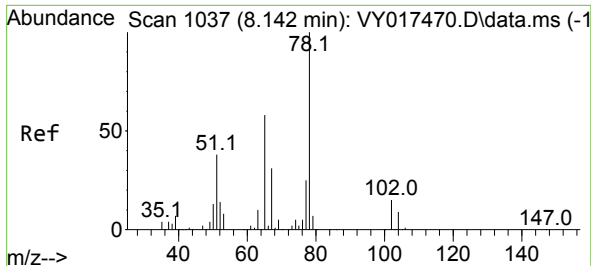
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 10.057 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion: 84 Resp: 1806
Ion Ratio Lower Upper
84 100
49 124.4 84.4 126.6
51 33.9 26.0 39.0
86 77.9 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 54.269 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017575.D

Acq: 05 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

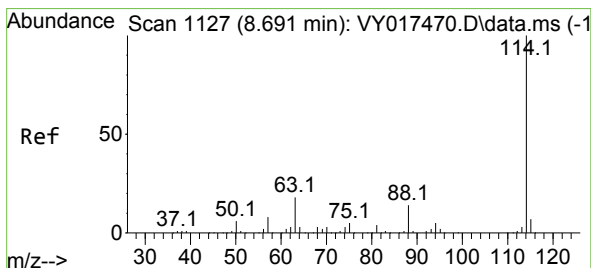
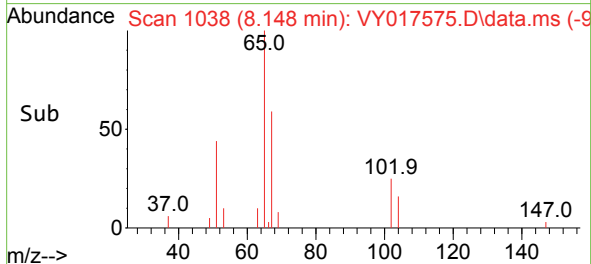
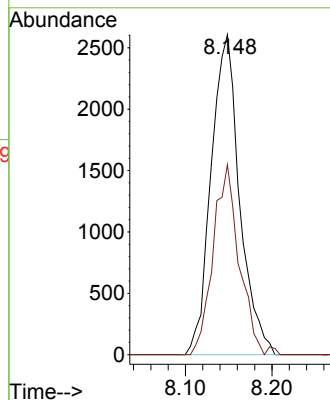
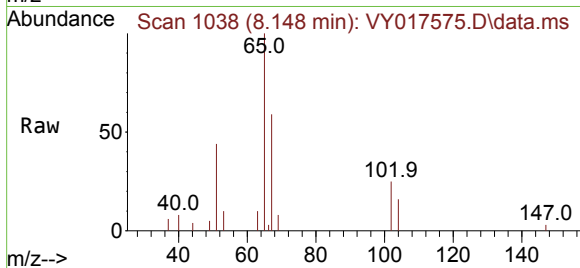
HR-04-03052024

Tgt Ion: 65 Resp: 5959

Ion Ratio Lower Upper

65 100

67 53.7 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: VY017575.D

Acq: 05 Mar 2024 16:42

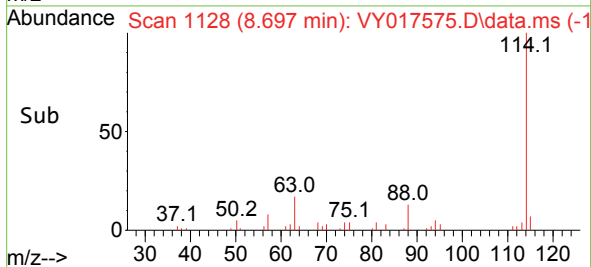
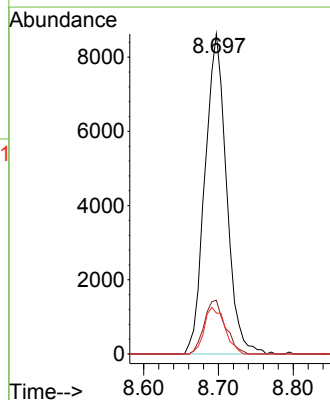
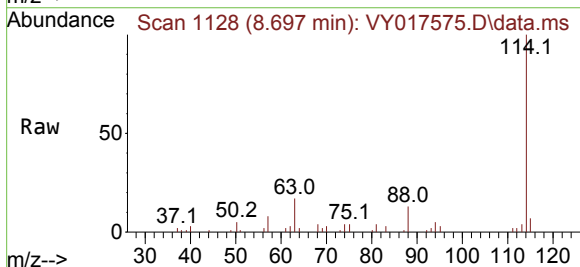
Tgt Ion: 114 Resp: 17261

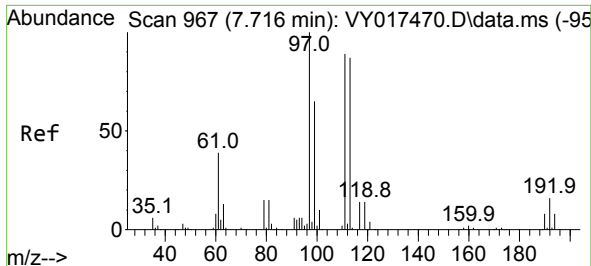
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 12.8 0.0 27.2

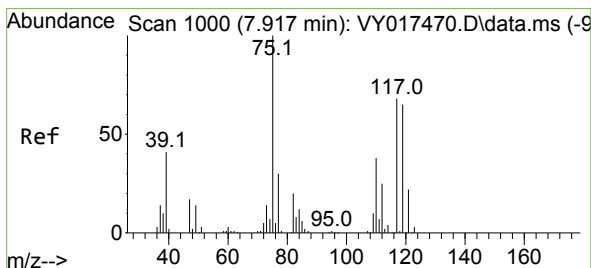
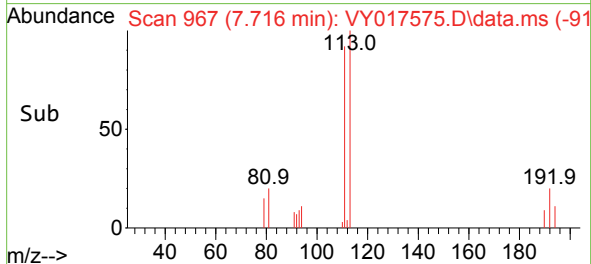
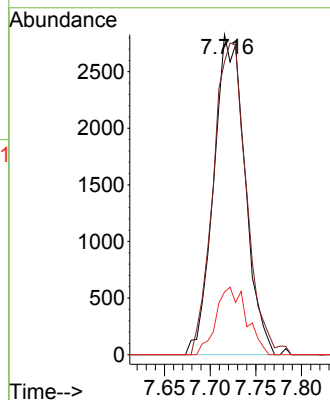
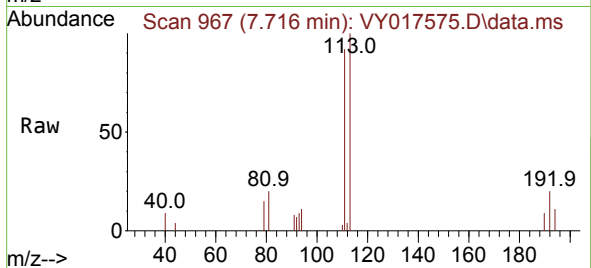




#35
Dibromofluoromethane
Concen: 55.895 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

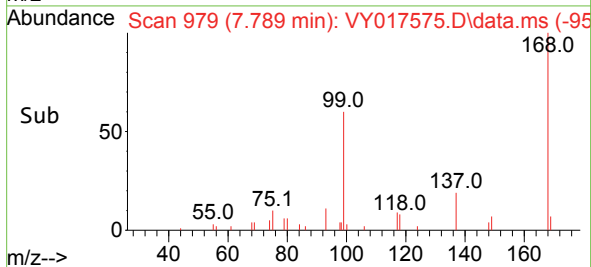
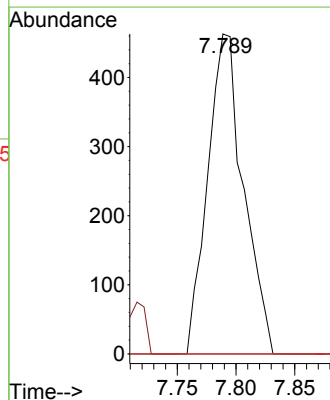
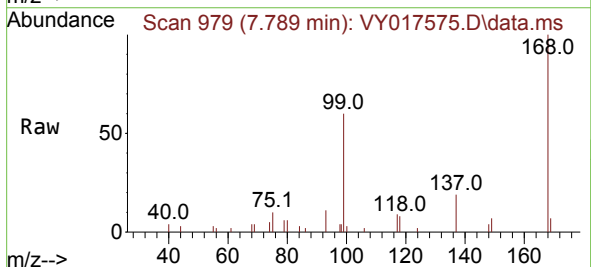
Instrument :
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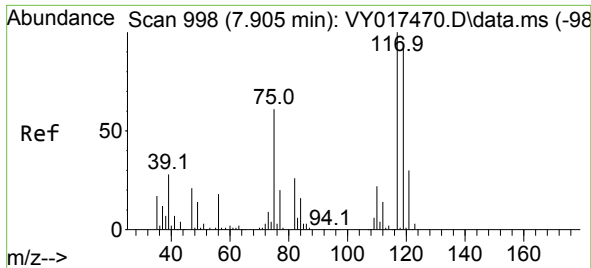
Tgt Ion:113 Resp: 6723
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.045 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

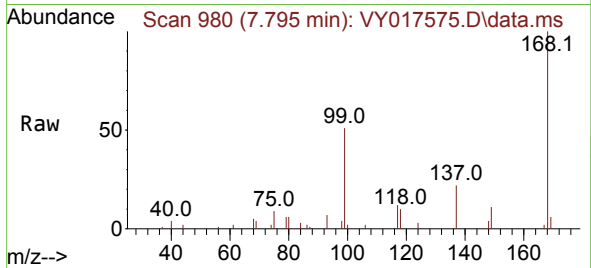
Tgt Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



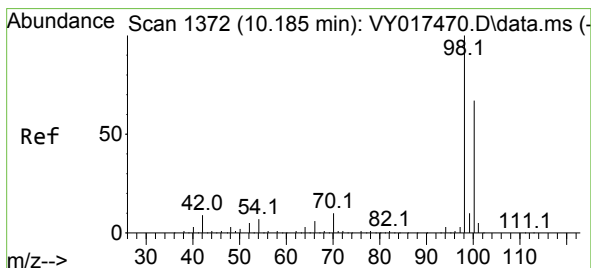
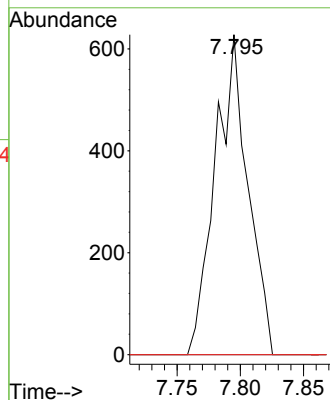
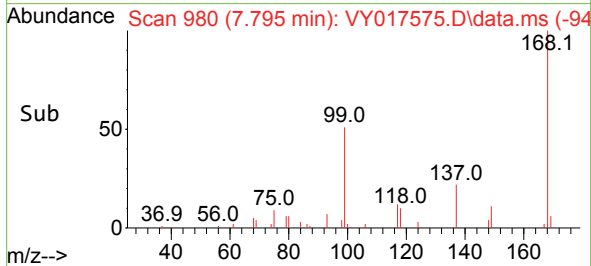


#38
Carbon Tetrachloride
Concen: 6.935 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

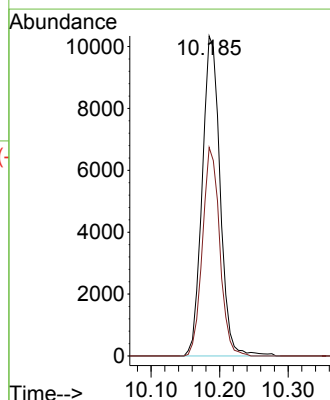
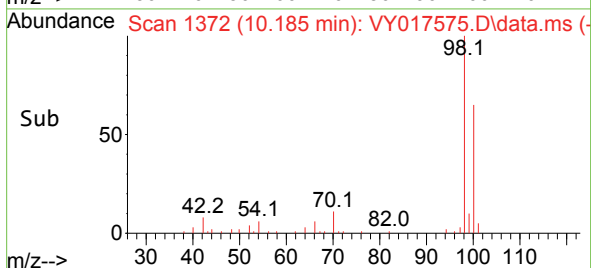
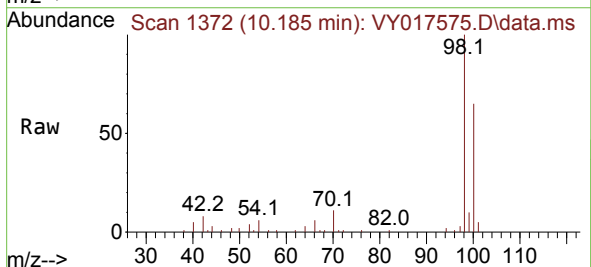


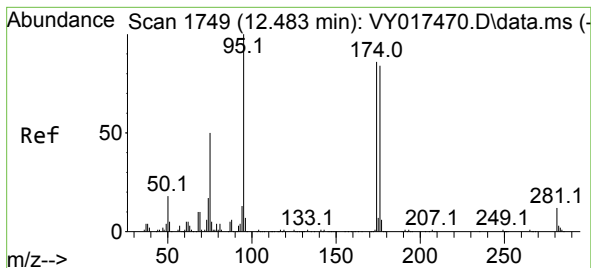
Tgt Ion:117 Resp: 1128
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.678 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion: 98 Resp: 18789
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

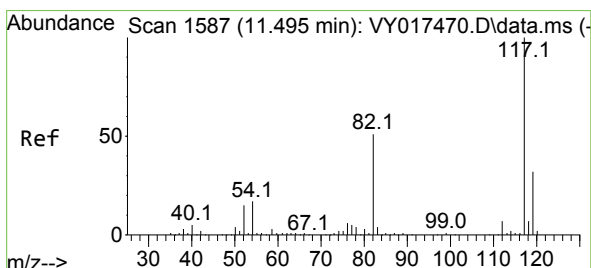
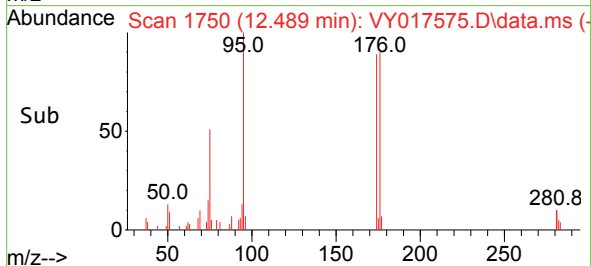
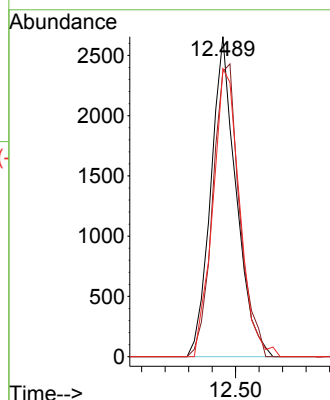
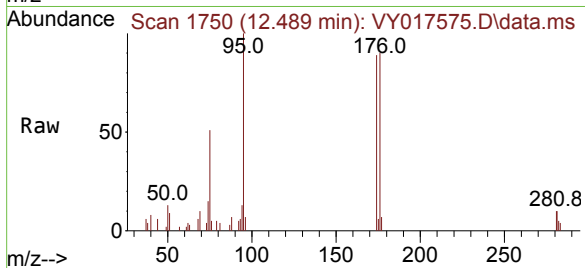




#62
4-Bromofluorobenzene
Concen: 30.121 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

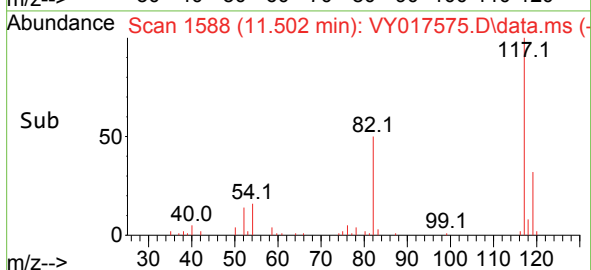
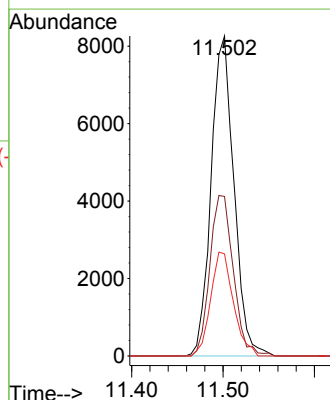
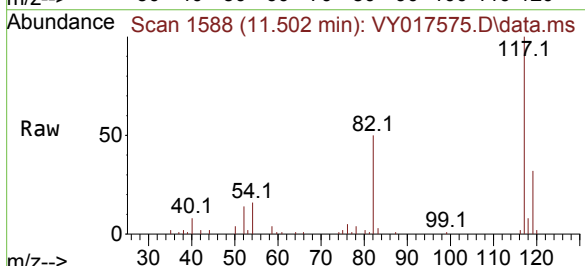
Instrument :
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ClientSampleId :
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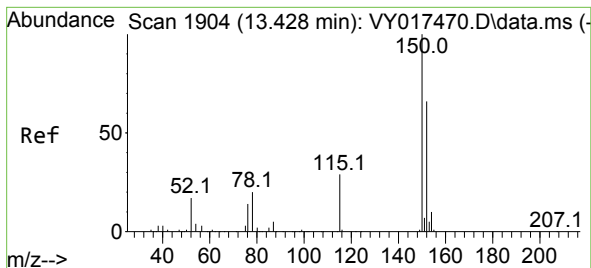
Tgt Ion:	95	Resp:	3981
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	175.6
176	95.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion:	117	Resp:	14296
Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.4	63.6
119	31.9	25.9	38.9

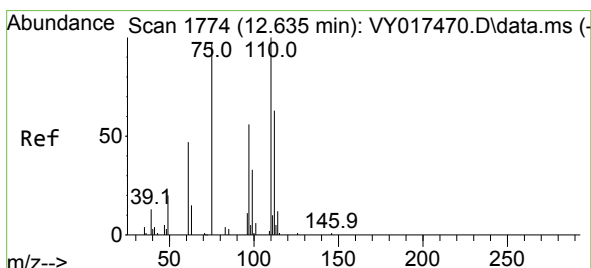
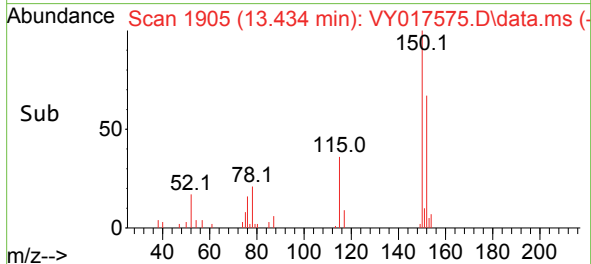
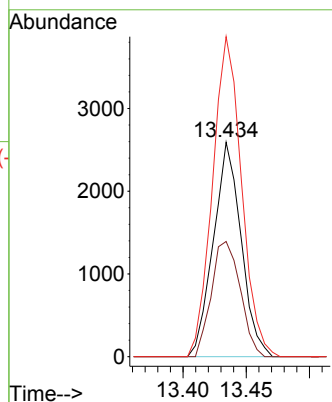
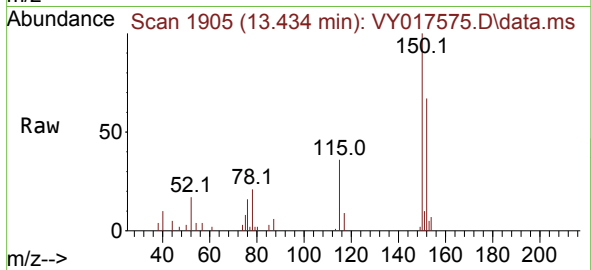




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

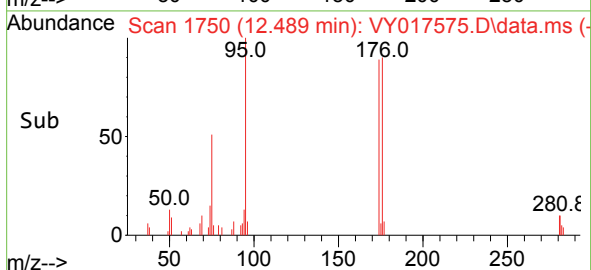
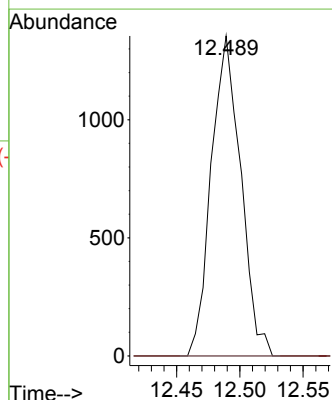
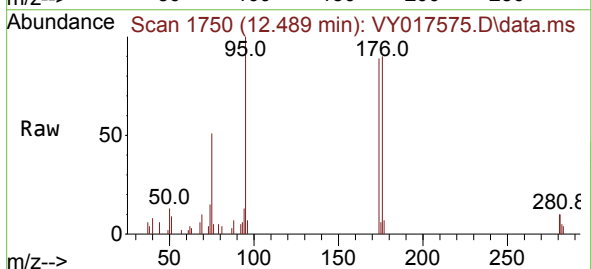
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

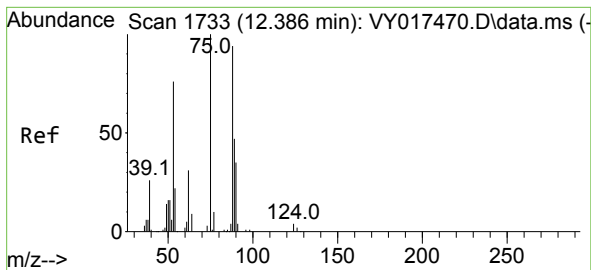
Tgt Ion:152 Resp: 3951
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 155.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 58.444 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

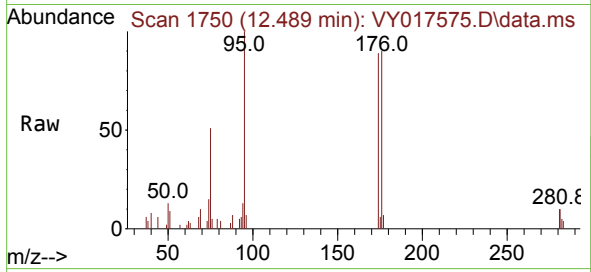
Tgt Ion: 75 Resp: 2194
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 134.290 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024



Tgt Ion:	75	Resp:	2194
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

