

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017573.D
 Acq On : 05 Mar 2024 15:54
 Operator : SY/MD
 Sample : P1674-01RE
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1ARE

Quant Time: Mar 05 22:05:49 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)

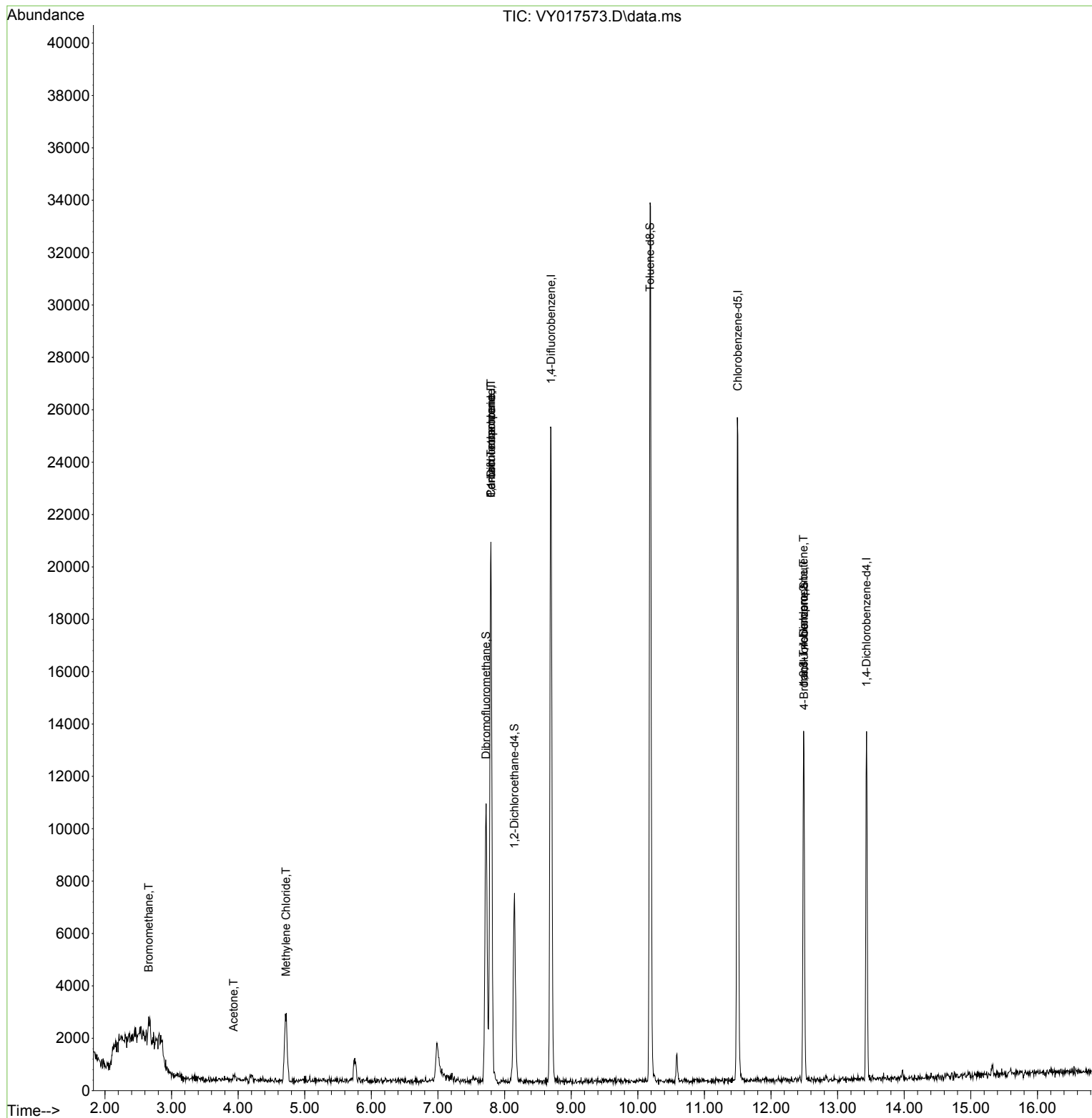
Internal Standards						
1) Pentafluorobenzene	7.795	168	17448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	16082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5685	34.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.760%
35) Dibromofluoromethane	7.722	113	7701	46.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.185	98	24552	42.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.400%
62) 4-Bromofluorobenzene	12.495	95	4187	22.900	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.800%
Target Compounds						
5) Bromomethane	2.656	94	319	1.298	ug/l	93
16) Acetone	3.930	43	168	5.238	ug/l #	36
20) Methylene Chloride	4.716	84	1994	5.732	ug/l #	84
36) 1,1-Dichloropropene	7.795	75	1366	6.085	ug/l #	40
38) Carbon Tetrachloride	7.795	117	1834	8.151	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	1953	51.593	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1953	118.549	ug/l #	16

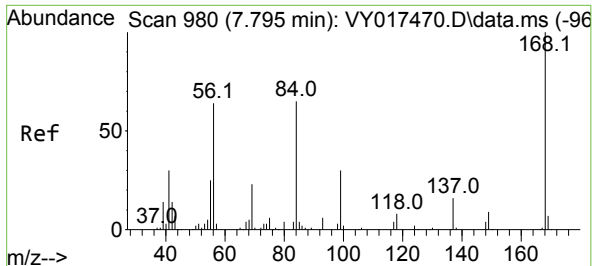
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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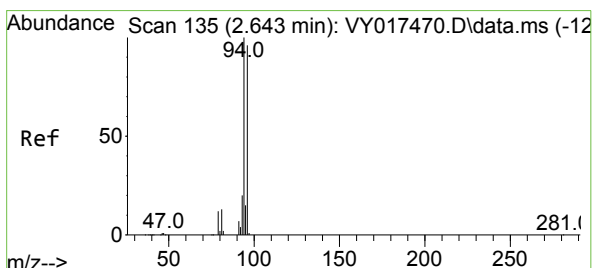
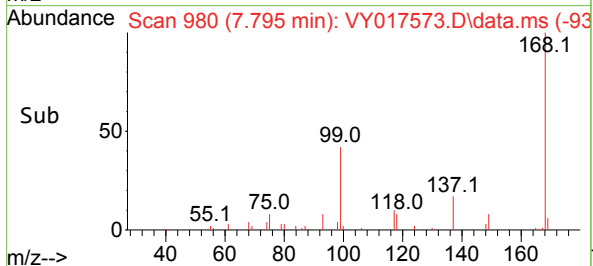
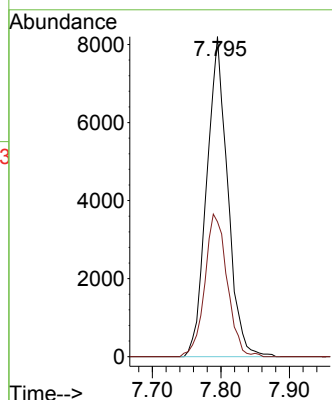
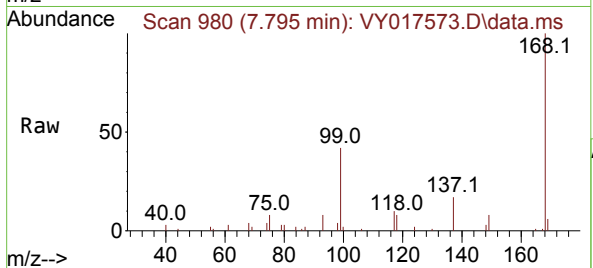




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

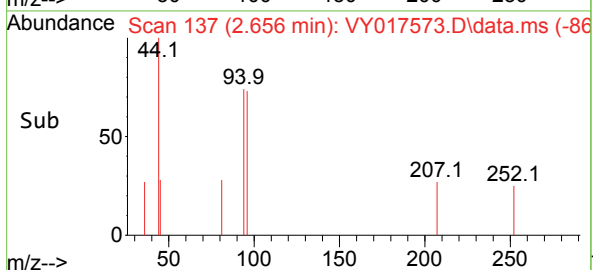
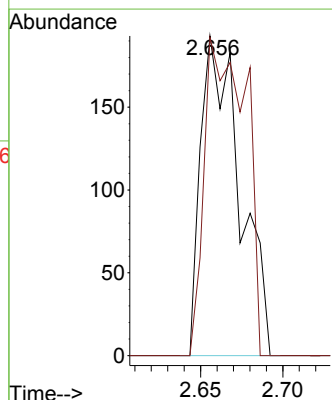
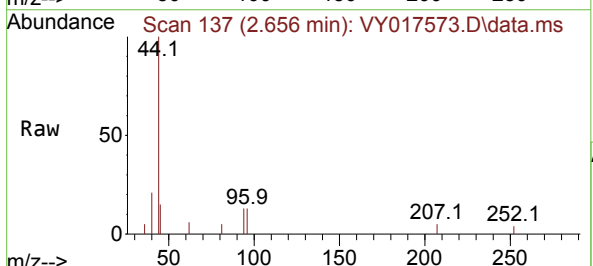
Instrument :
MSVOA_Y
ClientSampleId :
1ARE

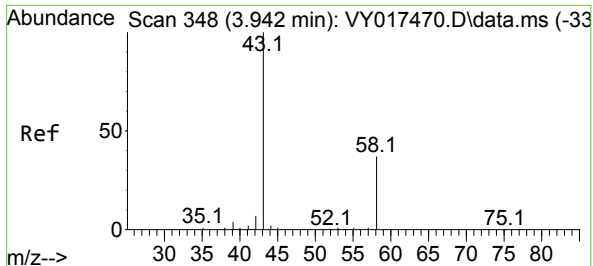
Tgt Ion:168 Resp: 17448
Ion Ratio Lower Upper
168 100
99 42.2 39.1 58.7



#5
Bromomethane
Concen: 1.298 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 99.5 74.1 111.1





#16

Acetone

Concen: 5.238 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

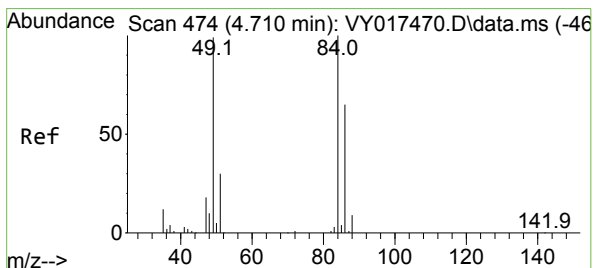
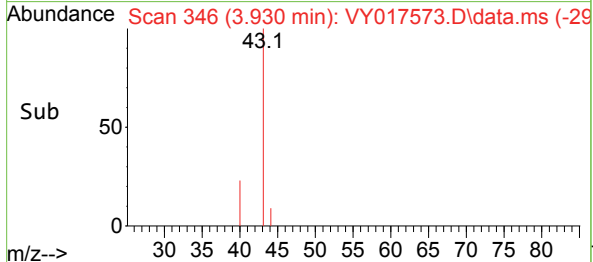
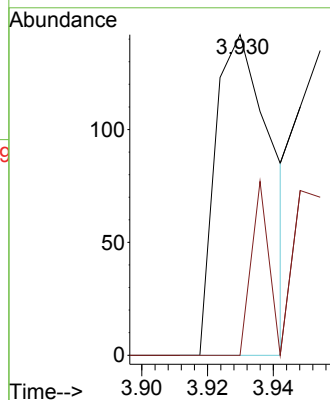
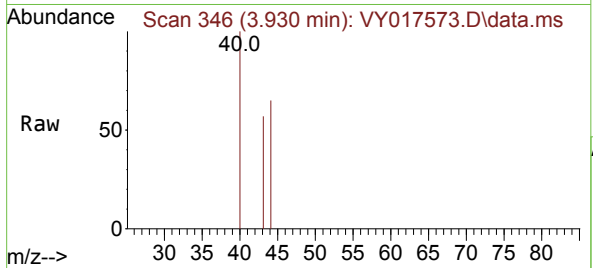
1ARE

Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 5.732 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Tgt Ion: 84 Resp: 1994

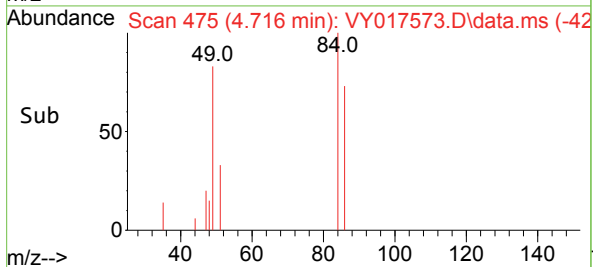
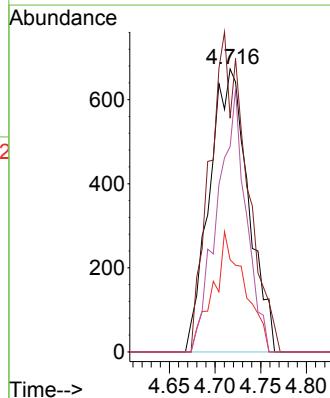
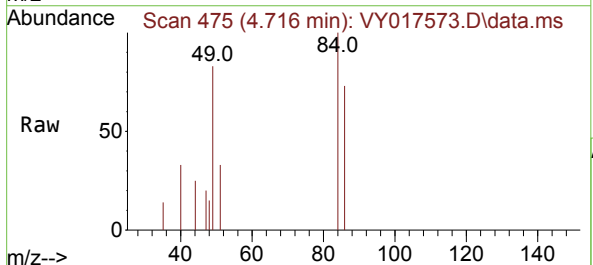
Ion Ratio Lower Upper

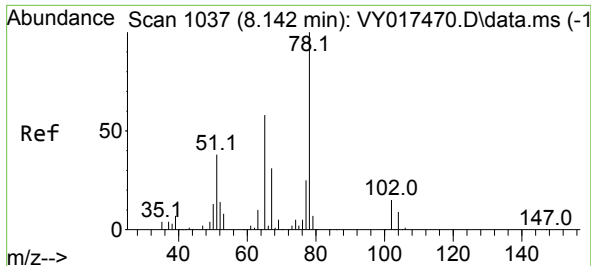
84 100

49 82.6 84.4 126.6#

51 32.5 26.0 39.0

86 72.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 34.380 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

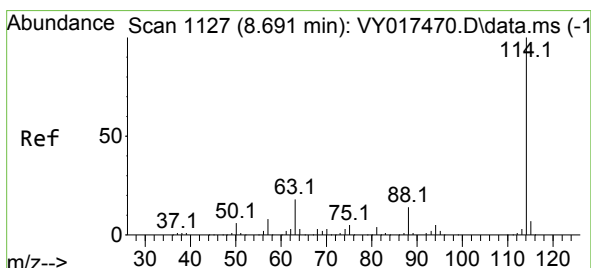
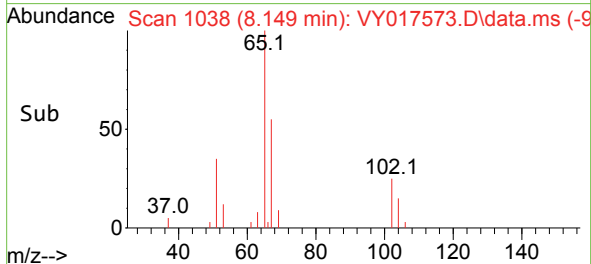
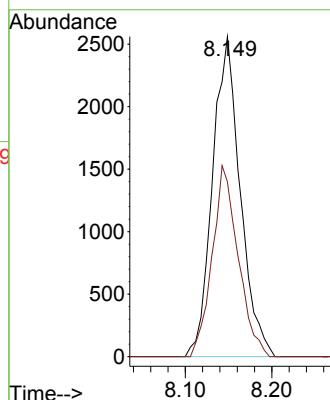
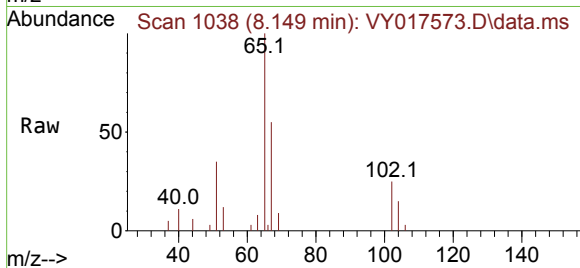
1ARE

Tgt Ion: 65 Resp: 5685

Ion Ratio Lower Upper

65 100

67 56.0 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: VY017573.D

Acq: 05 Mar 2024 15:54

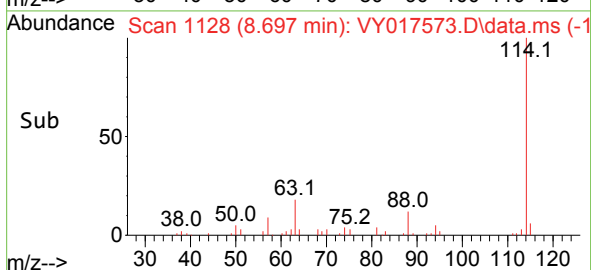
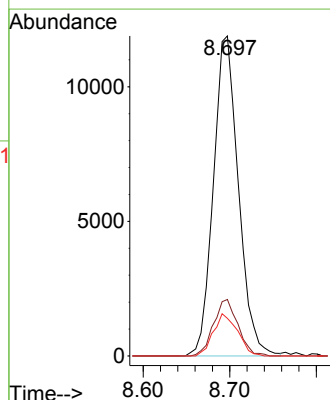
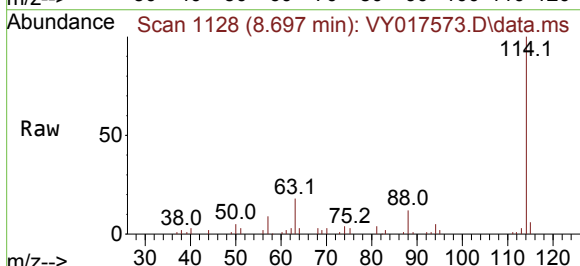
Tgt Ion:114 Resp: 23879

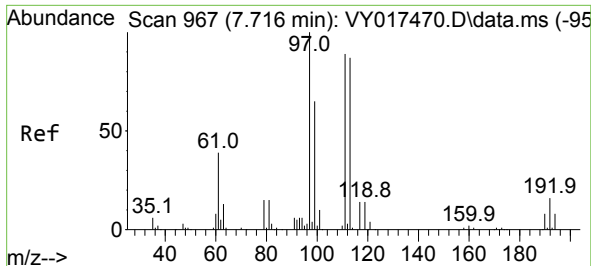
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 11.7 0.0 27.2

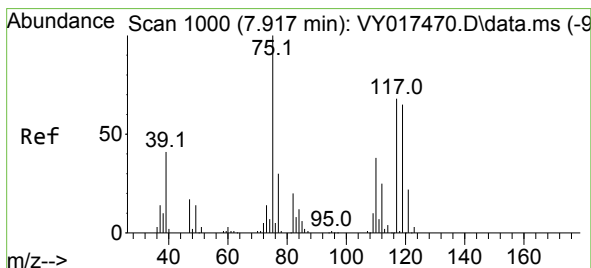
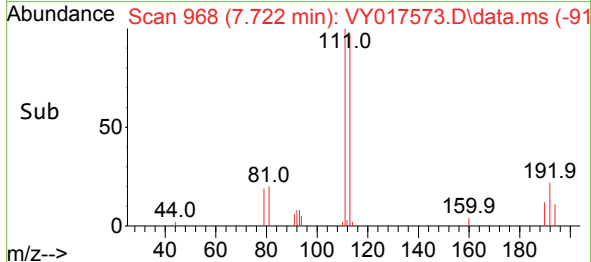
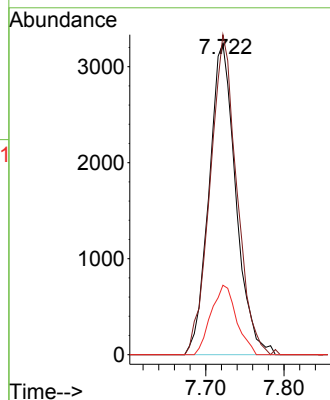
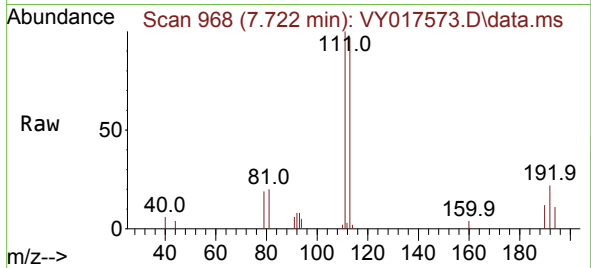




#35
Dibromofluoromethane
Concen: 46.281 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

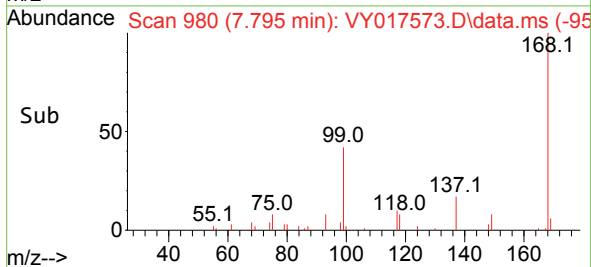
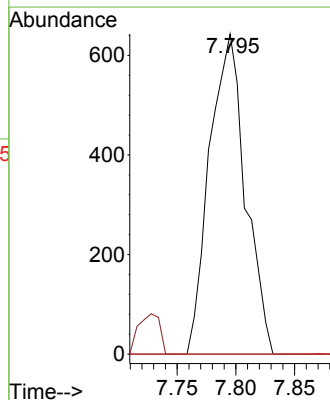
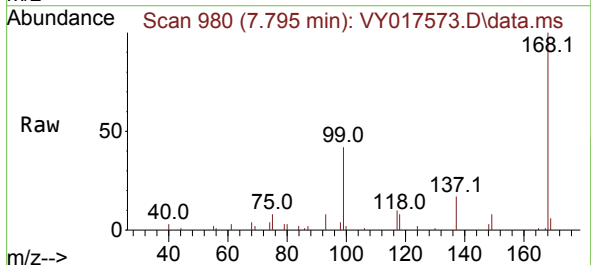
Instrument :
MSVOA_Y
ClientSampleId :
1ARE

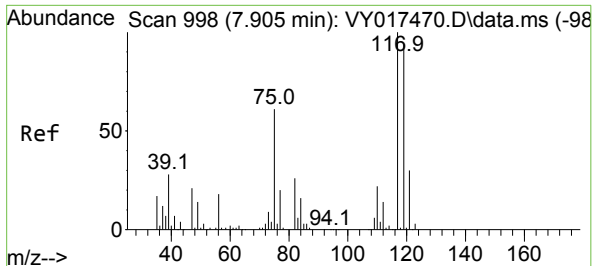
Tgt Ion:113 Resp: 7701
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.085 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

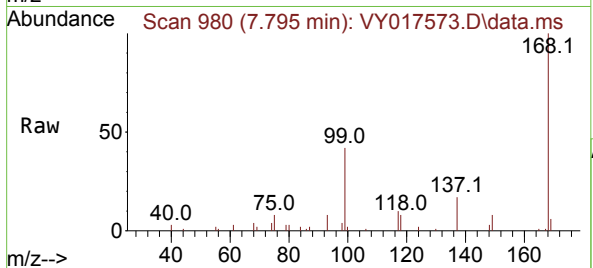
Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



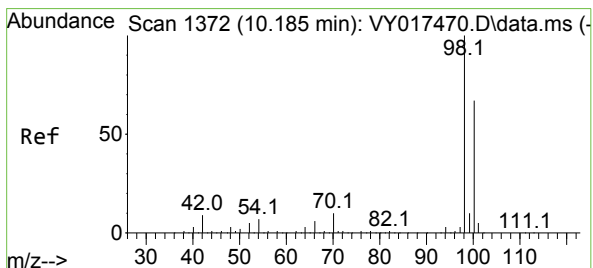
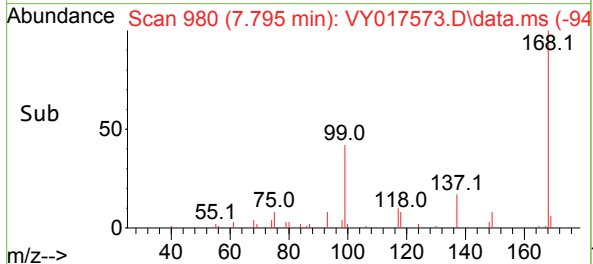
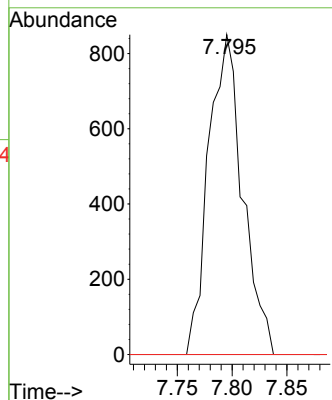


#38
Carbon Tetrachloride
Concen: 8.151 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
1ARE

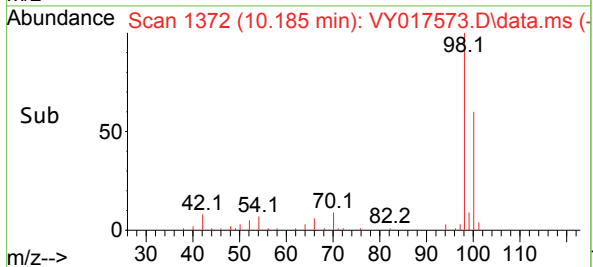
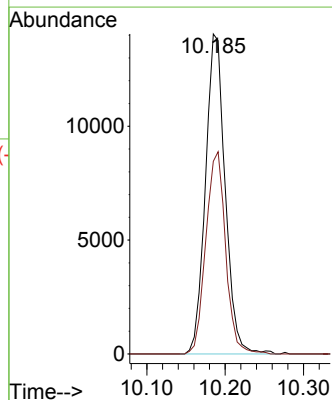
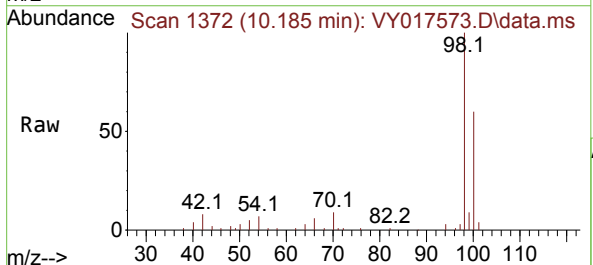


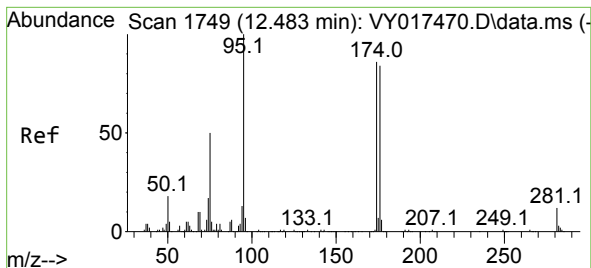
Tgt Ion:117 Resp: 1834
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.201 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

Tgt Ion: 98 Resp: 24552
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

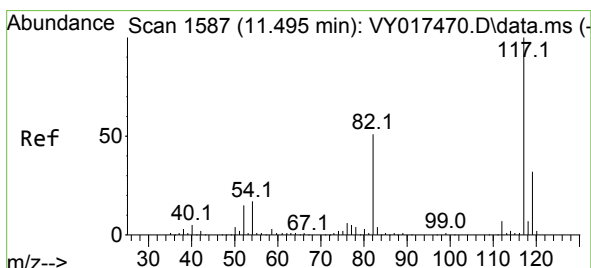
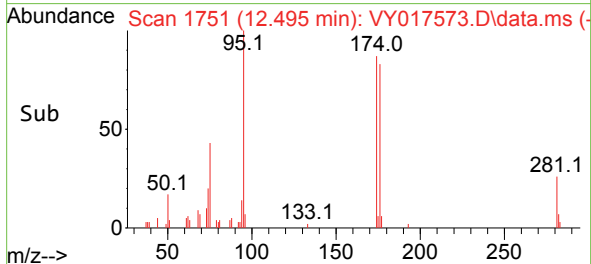
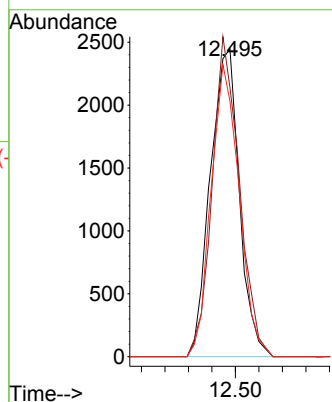
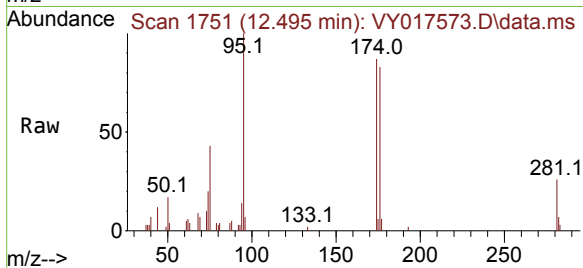




#62
4-Bromofluorobenzene
Concen: 22.900 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

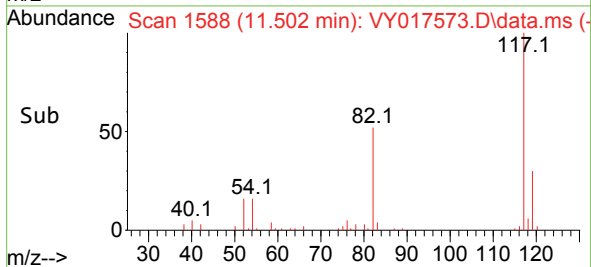
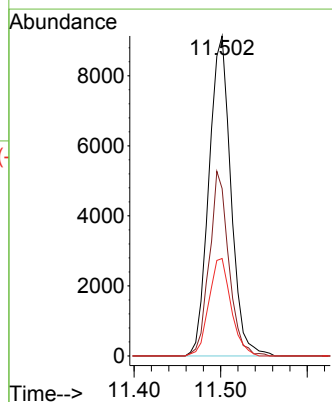
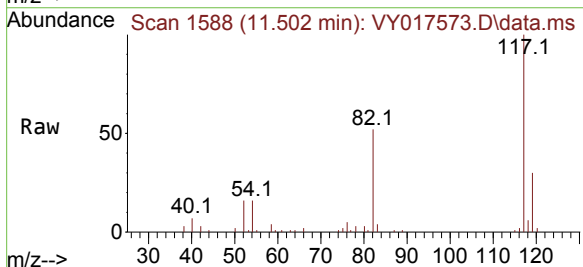
Instrument :
MSVOA_Y
ClientSampleId :
1ARE

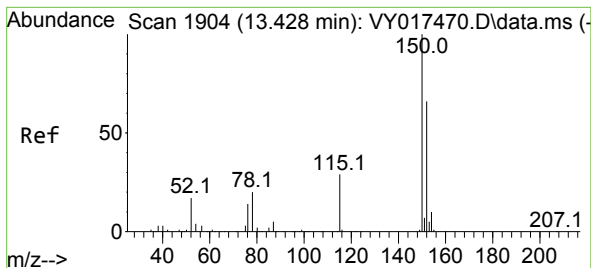
Tgt Ion: 95 Resp: 4187
Ion Ratio Lower Upper
95 100
174 97.3 0.0 175.6
176 91.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

Tgt Ion: 117 Resp: 16082
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 30.4 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: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

1ARE

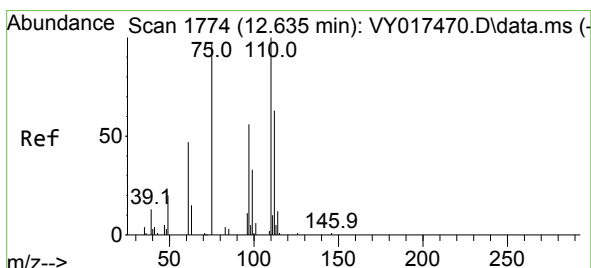
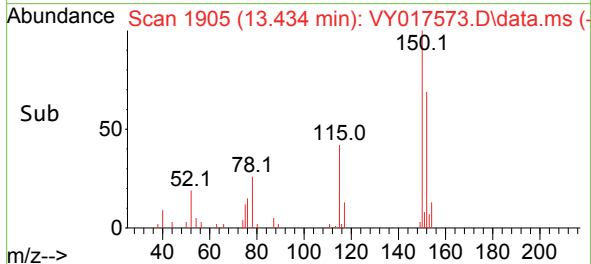
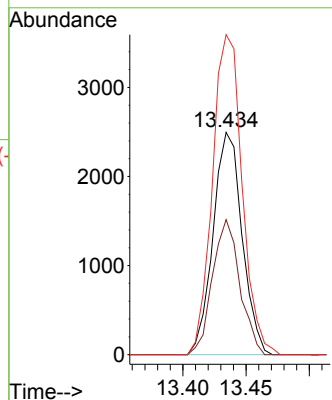
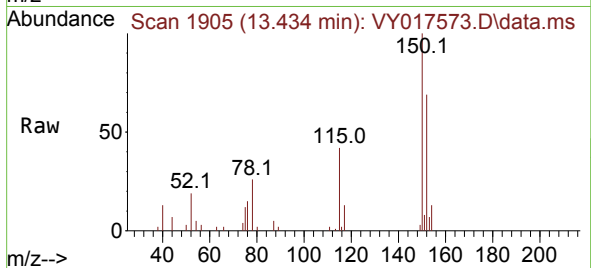
Tgt Ion:152 Resp: 3984

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 147.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.593 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017573.D

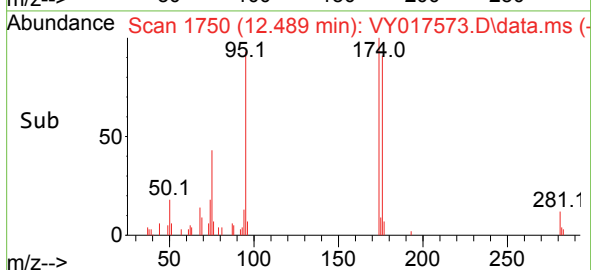
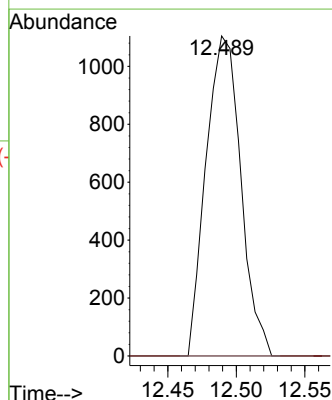
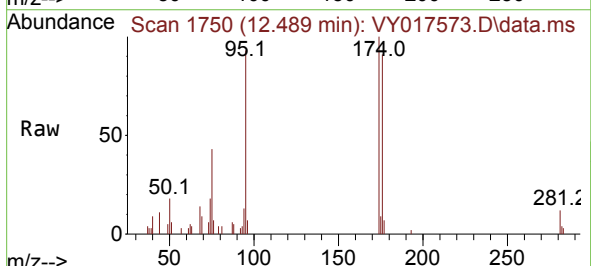
Acq: 05 Mar 2024 15:54

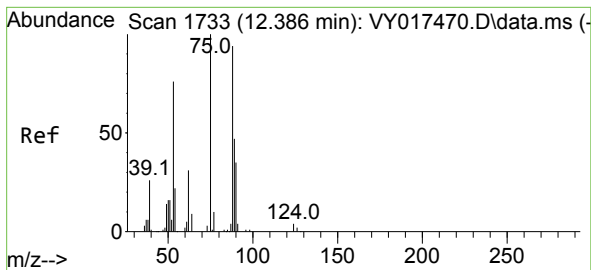
Tgt Ion: 75 Resp: 1953

Ion Ratio Lower Upper

75 100

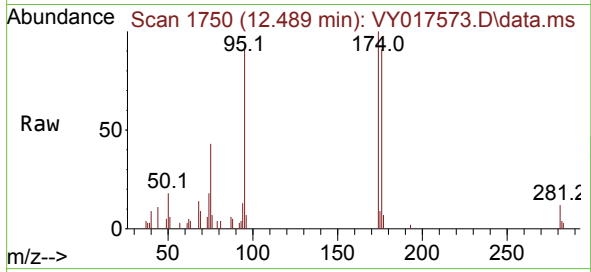
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.549 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017573.D
 Acq: 05 Mar 2024 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 1ARE



Tgt Ion:	75	Resp:	1953
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

