

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017684.D
 Acq On : 15 Mar 2024 19:43
 Operator : SY/MD
 Sample : P1774-02
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP9

Quant Time: Mar 16 00:21:17 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)

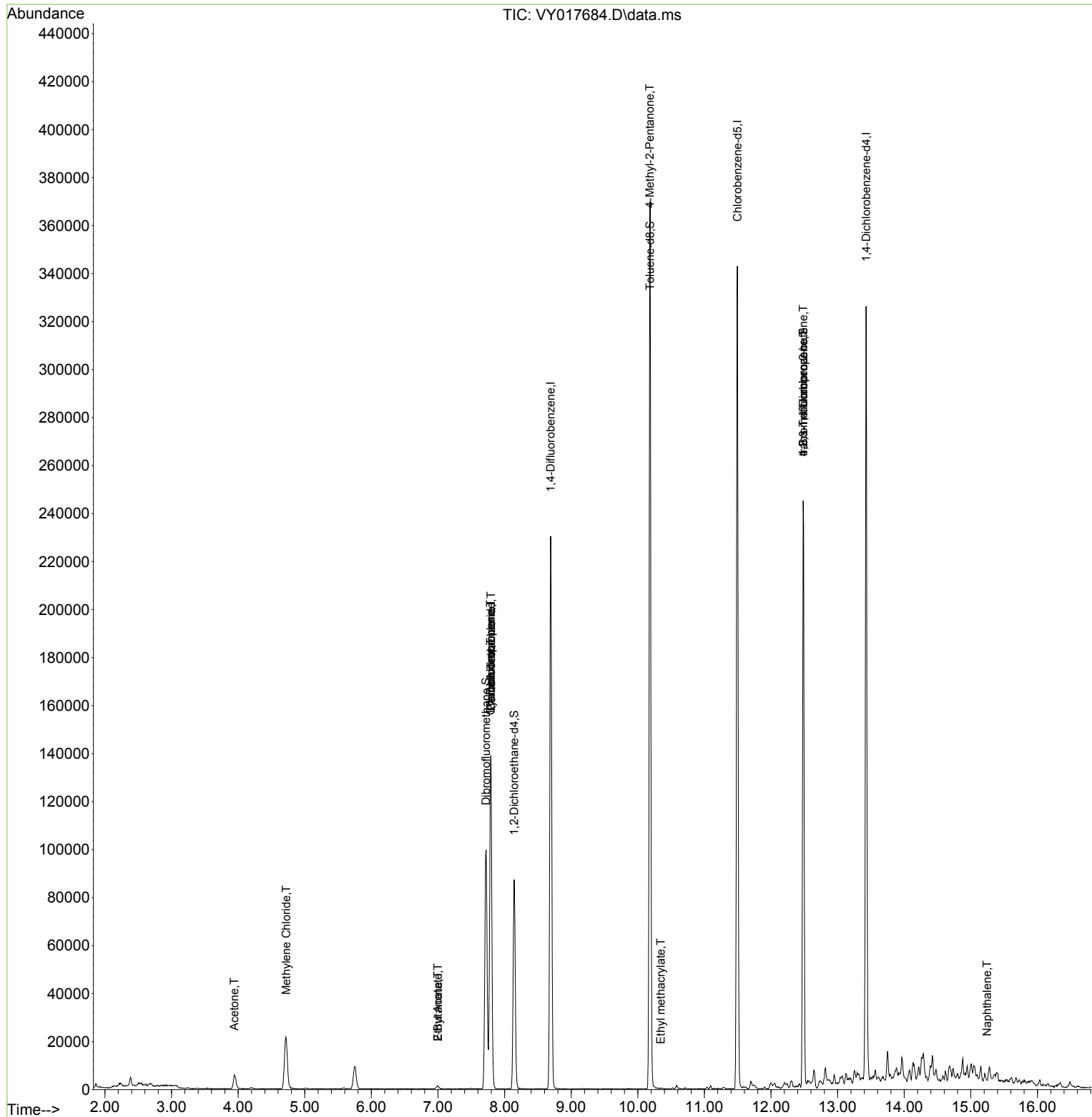
Internal Standards						
1) Pentafluorobenzene	7.795	168	117384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64702	58.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.320%	
35) Dibromofluoromethane	7.722	113	72325	48.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.860%	
50) Toluene-d8	10.185	98	248598	47.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.483	95	73415	44.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	10512	48.717	ug/l	94
20) Methylene Chloride	4.722	84	18298	10.058	ug/l	90
25) 2-Butanone	6.996	43	2251	7.320	ug/l	98
31) Cyclohexane	7.789	56	1831	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7749	3.846	ug/l #	50
37) Ethyl Acetate	6.996	43	2251	2.828	ug/l #	67
38) Carbon Tetrachloride	7.795	117	10574	5.236	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	824	1.057	ug/l #	1
56) Ethyl methacrylate	10.343	69	22	2.552	ug/l #	33
76) 1,2,3-Trichloropropane	12.483	75	36663	44.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36663	101.876	ug/l #	16
95) Naphthalene	15.245	128	814	4.190	ug/l #	81

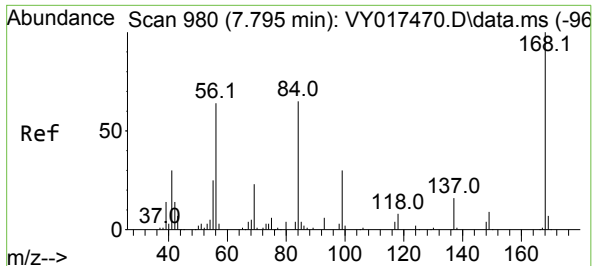
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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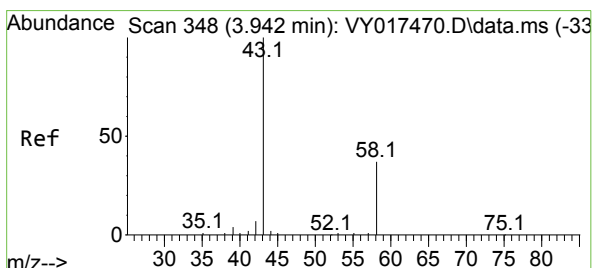
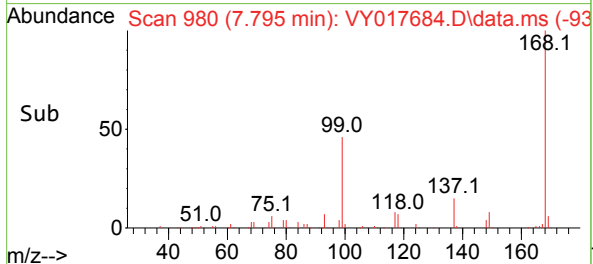
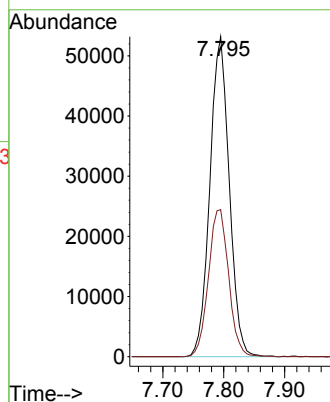
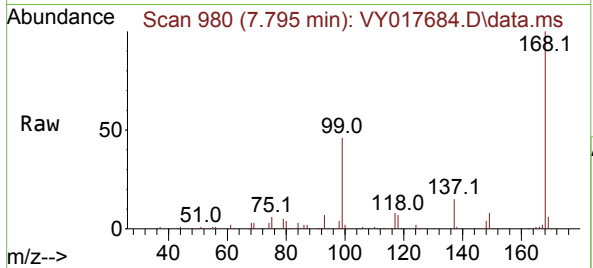




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

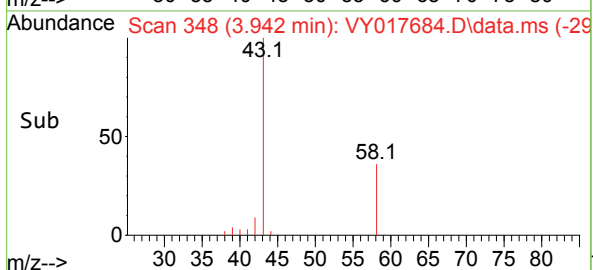
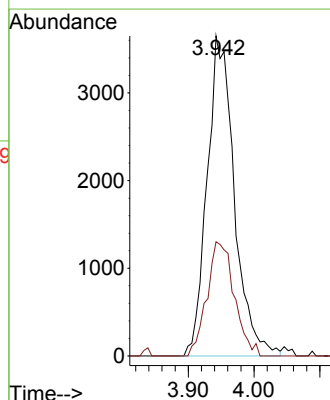
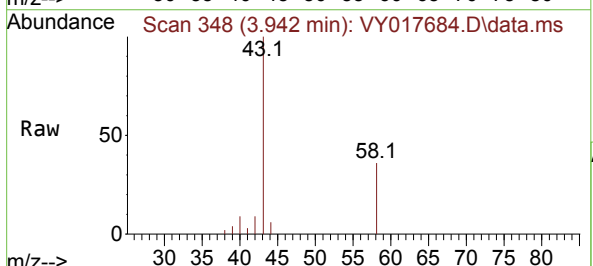
Instrument :
MSVOA_Y
ClientSampleId :
TP9

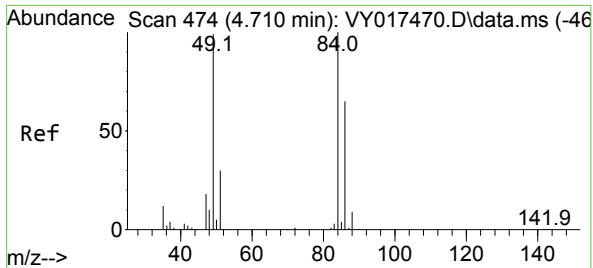
Tgt Ion:168 Resp: 117384
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#16
Acetone
Concen: 48.717 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5

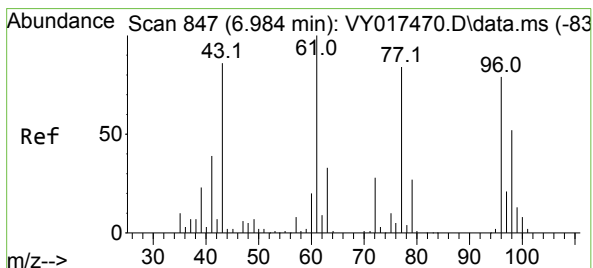
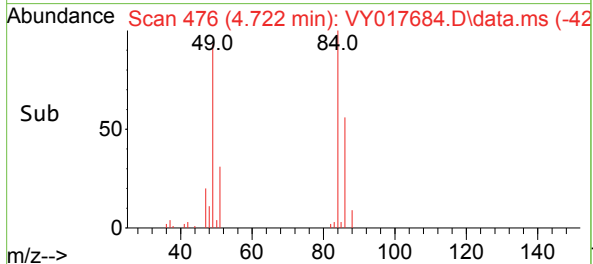
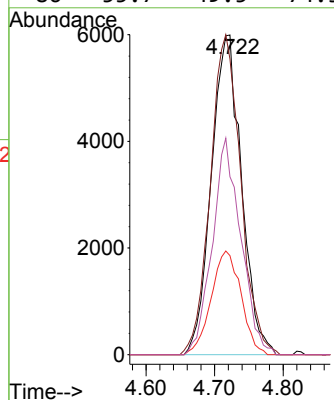
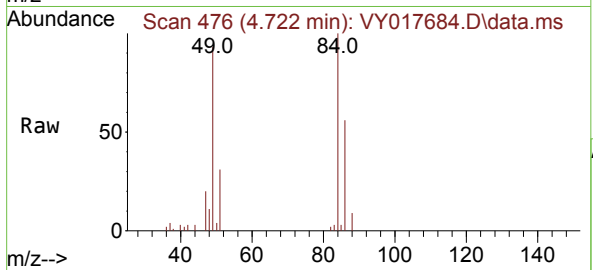




#20
Methylene Chloride
Concen: 10.058 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

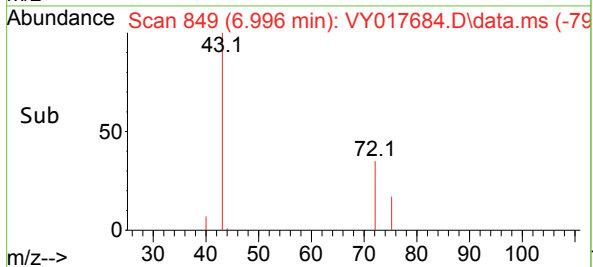
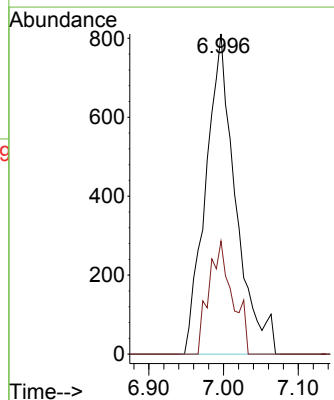
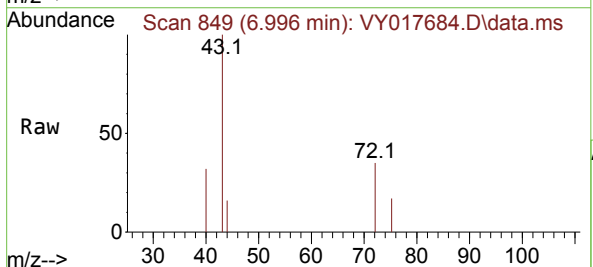
Instrument :
MSVOA_Y
ClientSampleId :
TP9

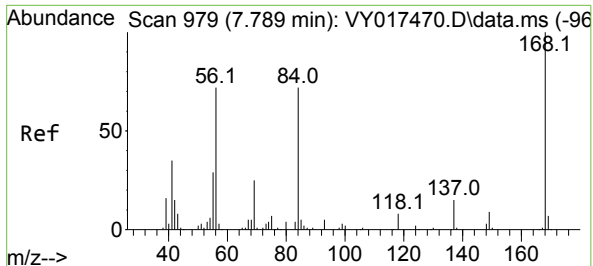
Tgt Ion:	84	Resp:	18298
Ion	Ratio	Lower	Upper
84	100		
49	92.5	84.4	126.6
51	31.0	26.0	39.0
86	55.7	49.5	74.3



#25
2-Butanone
Concen: 7.320 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion:	43	Resp:	2251
Ion	Ratio	Lower	Upper
43	100		
72	35.3	27.3	40.9

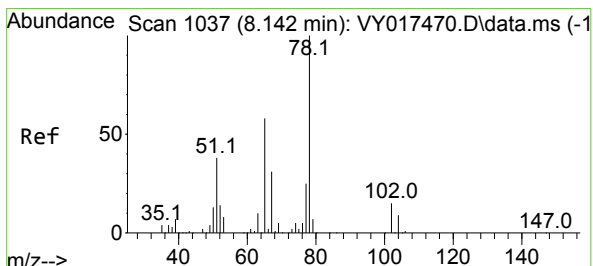
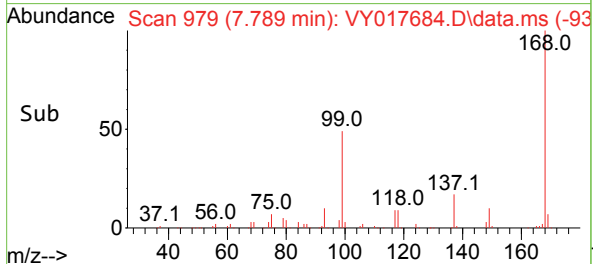
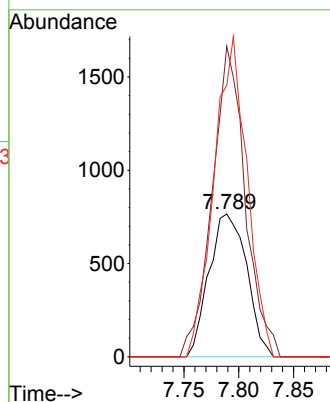
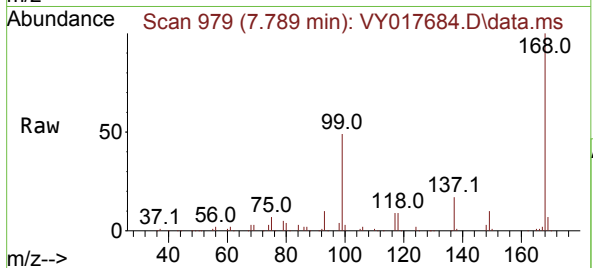




#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

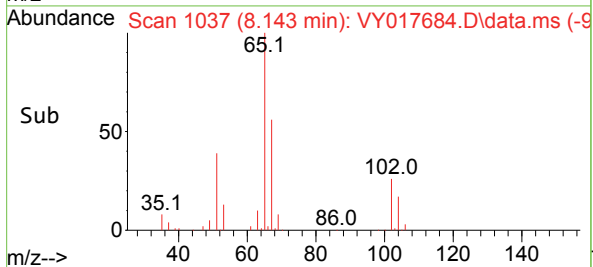
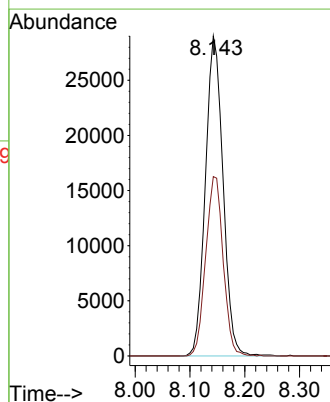
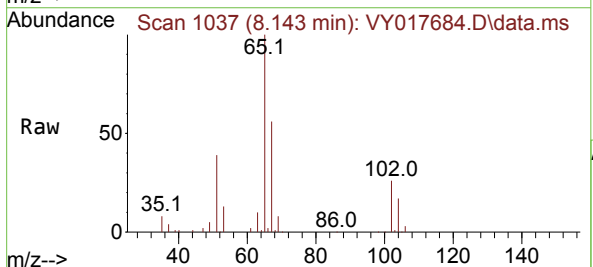
Instrument :
MSVOA_Y
ClientSampleId :
TP9

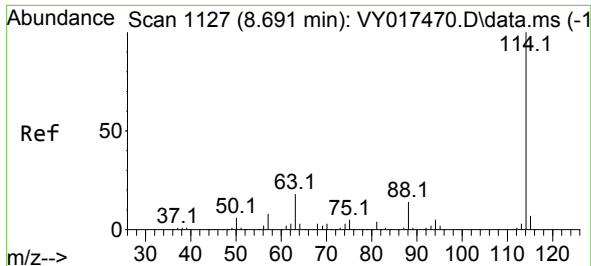
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 217.2 28.7 43.1#
84 189.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.160 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 65 Resp: 64702
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

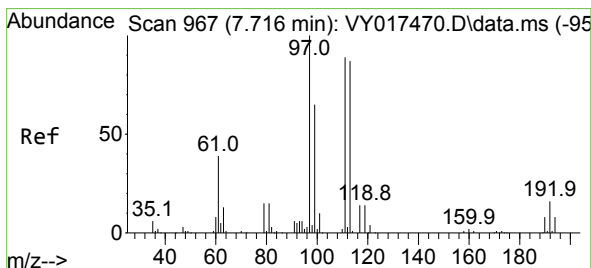
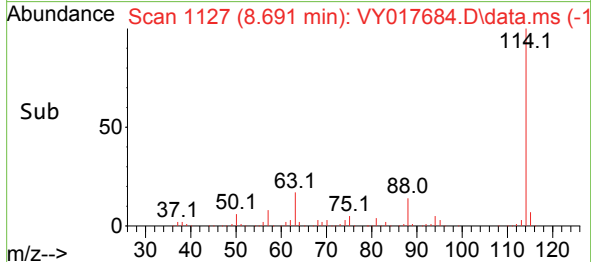
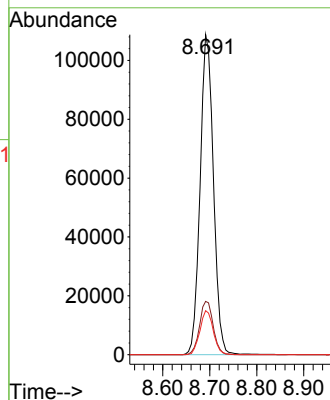
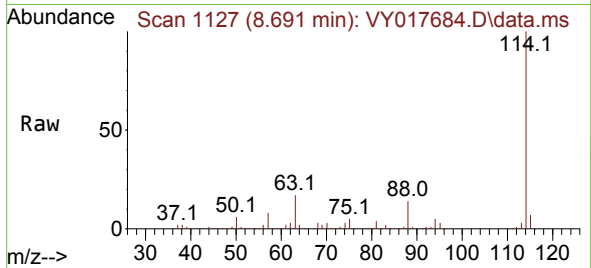




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

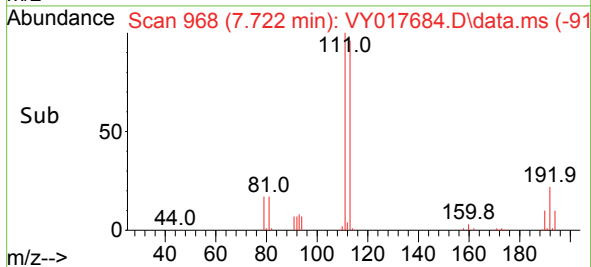
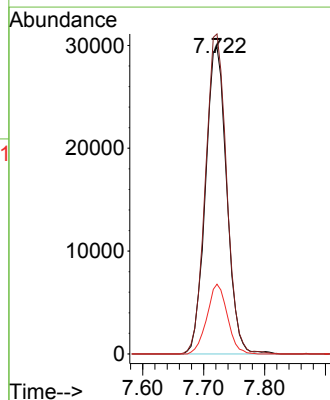
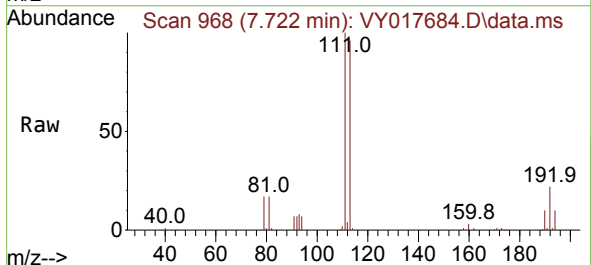
Instrument :
MSVOA_Y
ClientSampleId :
TP9

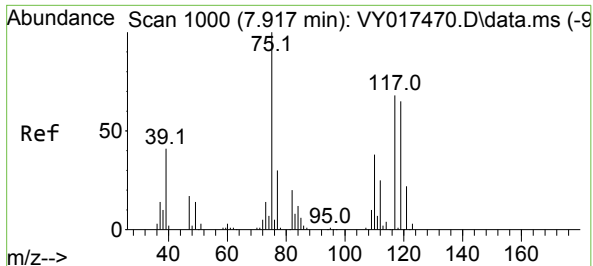
Tgt Ion:114 Resp: 214330
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.426 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion:113 Resp: 72325
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 21.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 3.846 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017684.D

Acq: 15 Mar 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

TP9

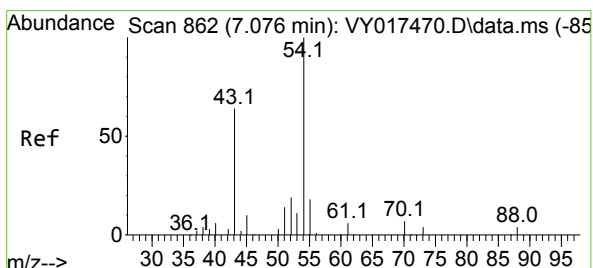
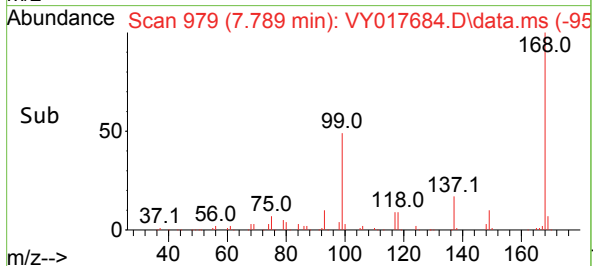
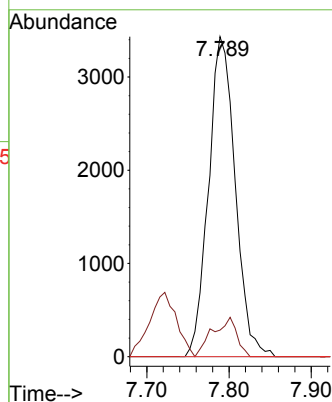
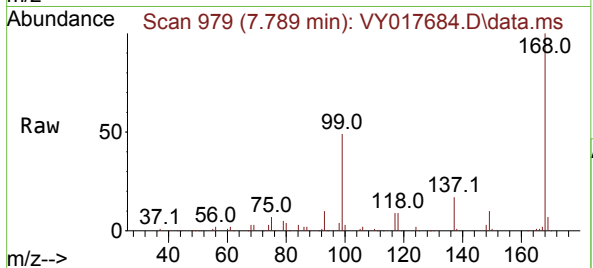
Tgt Ion: 75 Resp: 7749

Ion Ratio Lower Upper

75 100

110 11.1 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.828 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.079 min

Lab File: VY017684.D

Acq: 15 Mar 2024 19:43

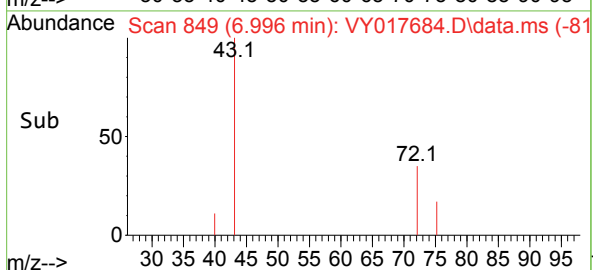
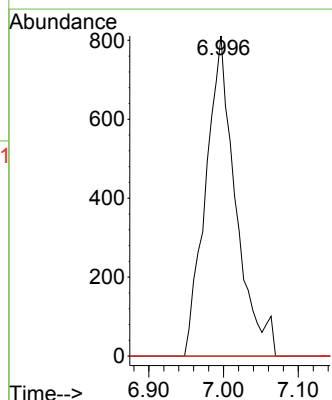
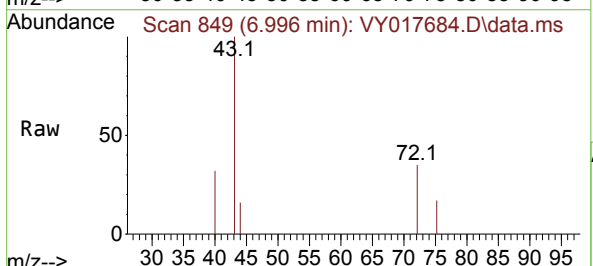
Tgt Ion: 43 Resp: 2251

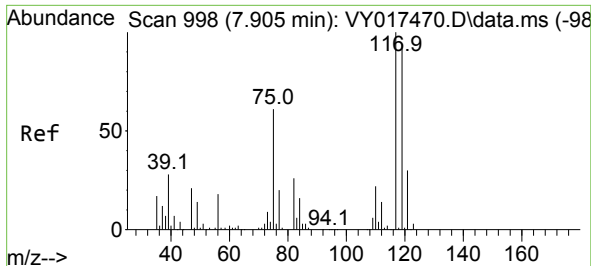
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

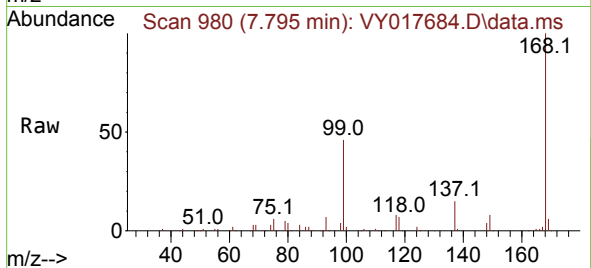
70 0.0 7.8 11.8#



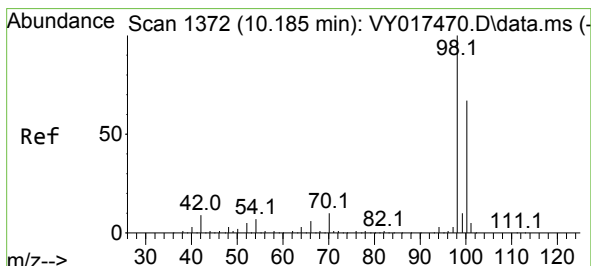
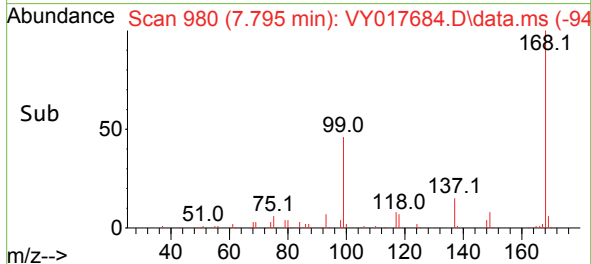
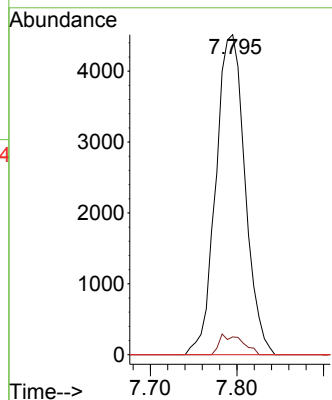


#38
Carbon Tetrachloride
Concen: 5.236 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
TP9

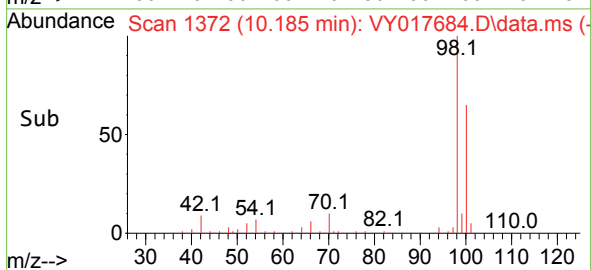
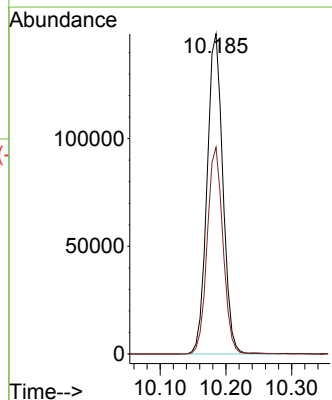
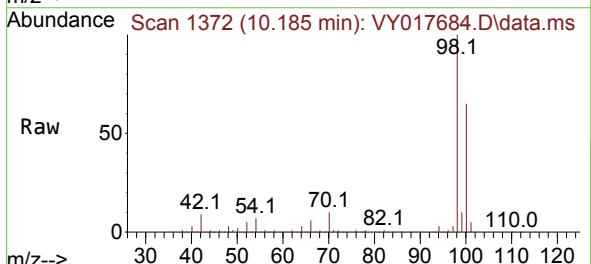


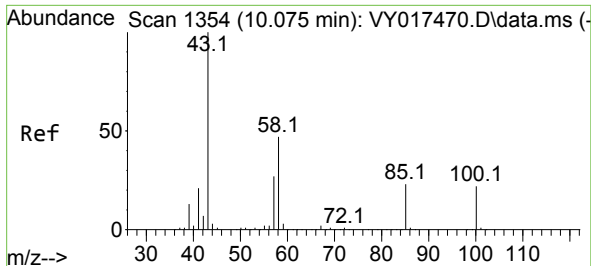
Tgt Ion:117 Resp: 10574
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.607 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 98 Resp: 248598
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

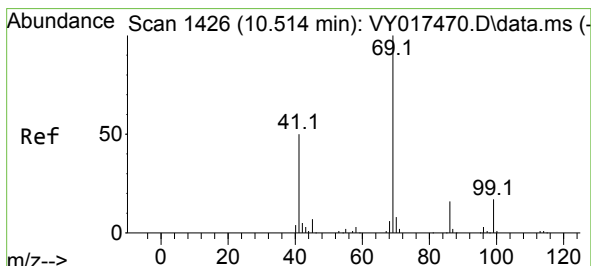
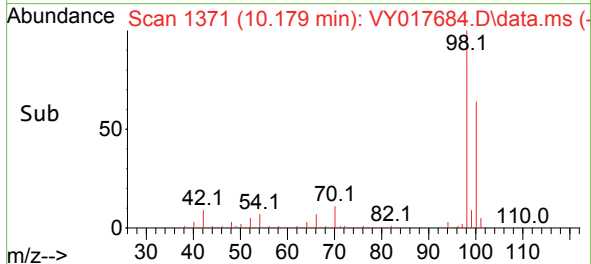
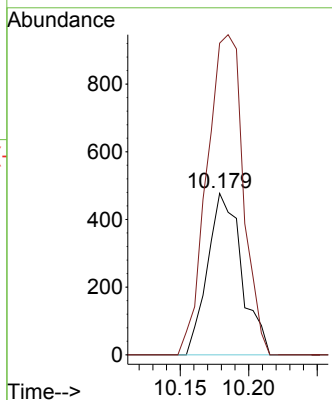
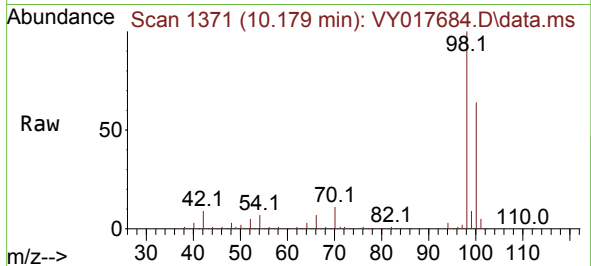




#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

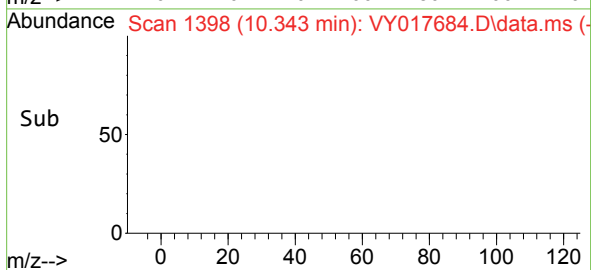
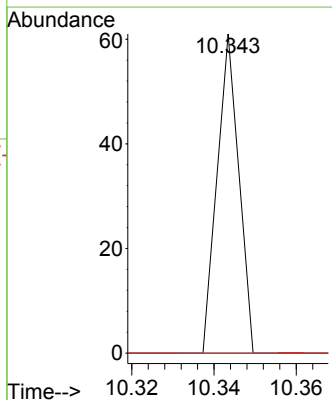
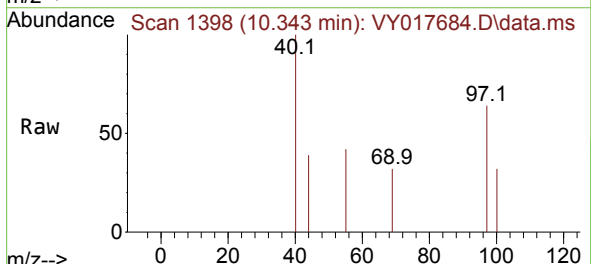
Instrument :
MSVOA_Y
ClientSampleId :
TP9

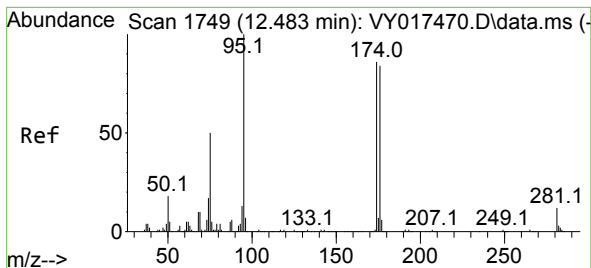
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 212.3 35.7 53.5#



#56
Ethyl methacrylate
Concen: 2.552 ug/l
RT: 10.343 min Scan# 1398
Delta R.T. -0.171 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#

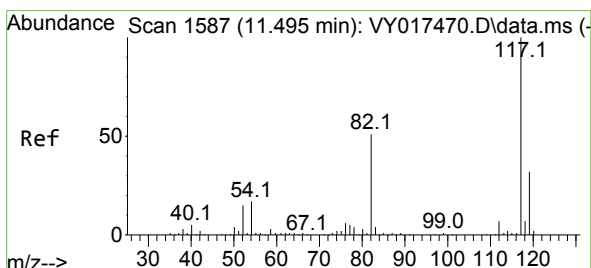
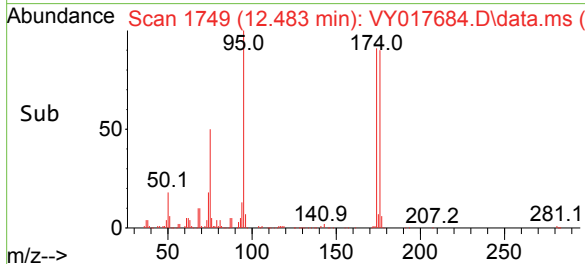
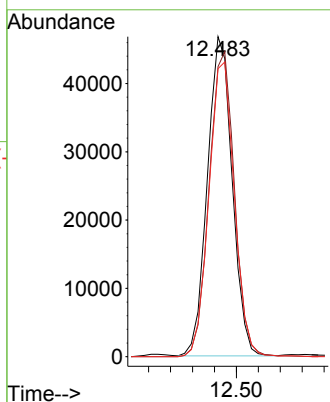
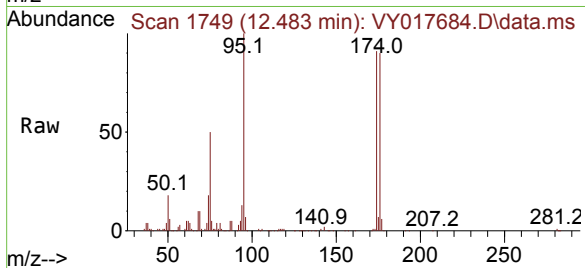




#62
4-Bromofluorobenzene
Concen: 44.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

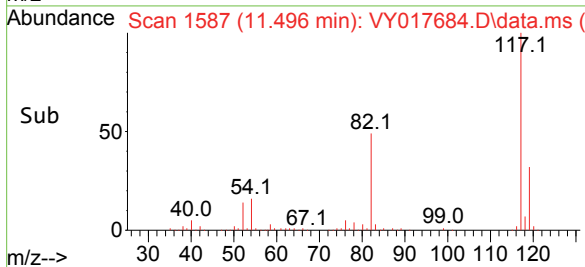
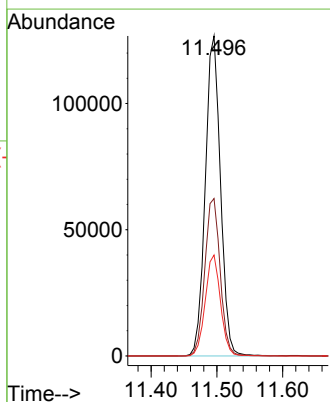
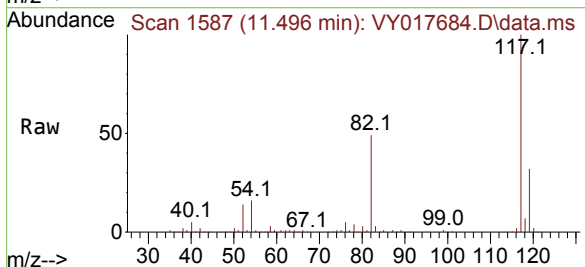
Instrument :
MSVOA_Y
ClientSampleId :
TP9

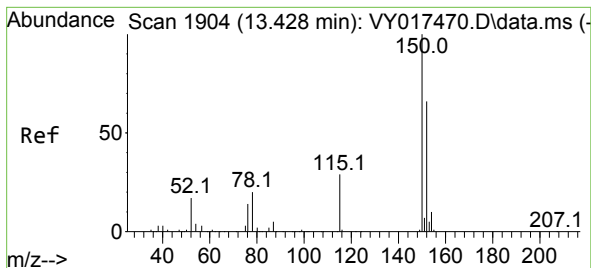
Tgt Ion:	95	Resp:	73415
Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	175.6
176	94.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion:	117	Resp:	203993
Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.4	63.6
119	31.5	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: VY017684.D

Acq: 15 Mar 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

TP9

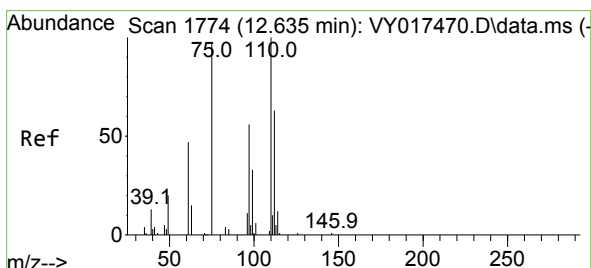
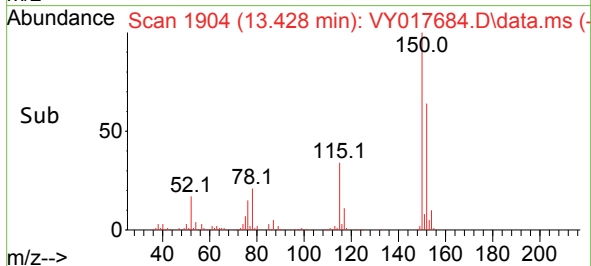
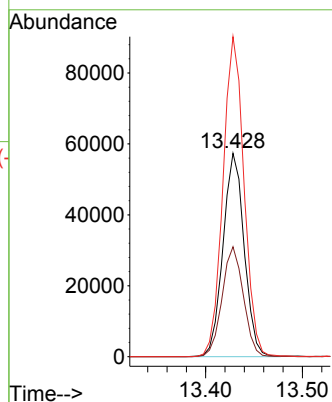
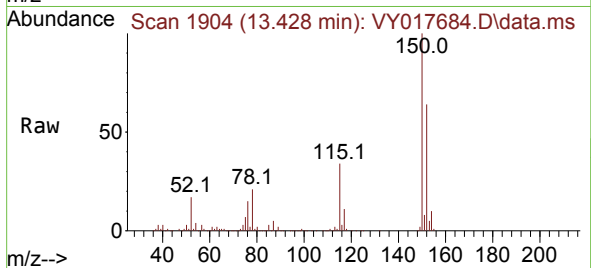
Tgt Ion:152 Resp: 87030

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: 44.337 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017684.D

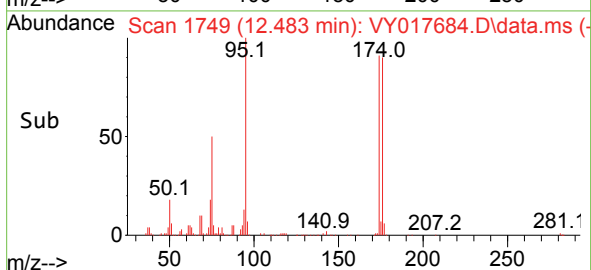
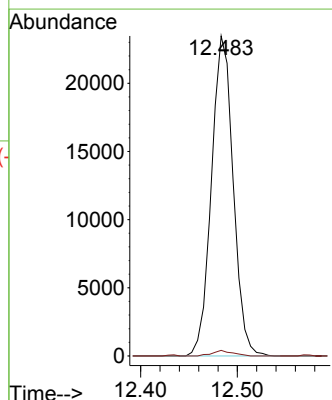
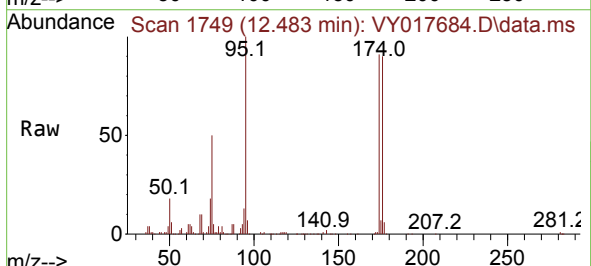
Acq: 15 Mar 2024 19:43

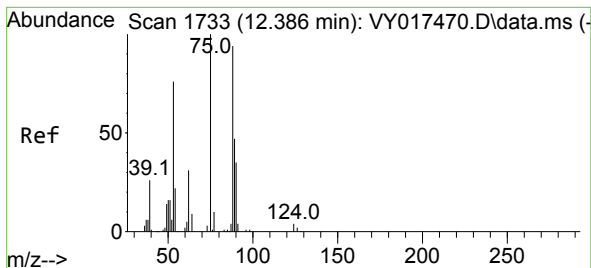
Tgt Ion: 75 Resp: 36663

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

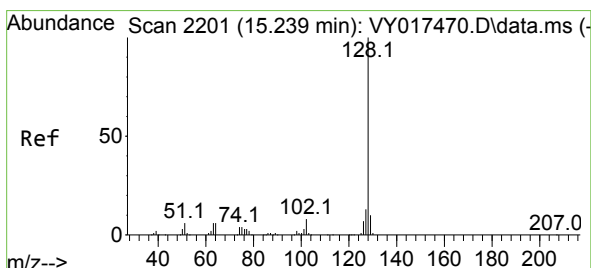
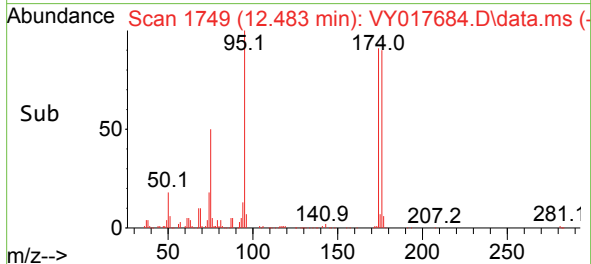
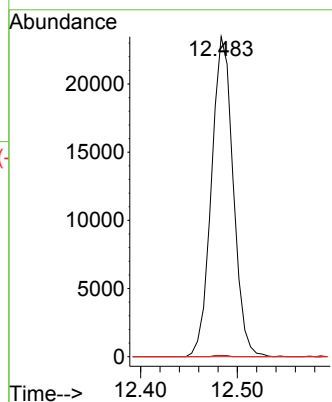
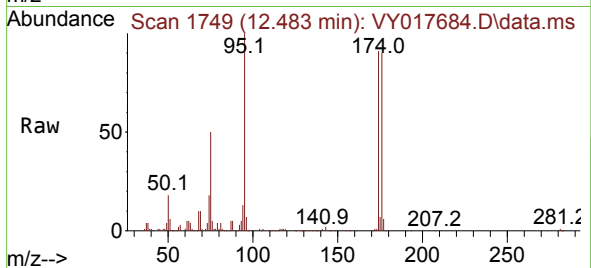




#81
trans-1,4-Dichloro-2-butene
Concen: 101.876 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Instrument :
MSVOA_Y
ClientSampleId :
TP9

Tgt Ion: 75 Resp: 36663
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.190 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017684.D
Acq: 15 Mar 2024 19:43

Tgt Ion: 128 Resp: 814
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 10.1 8.6 13.0

