

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017868.D
 Acq On : 05 Apr 2024 14:07
 Operator : SY/MD
 Sample : P1996-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2RE

Quant Time: Apr 06 04:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

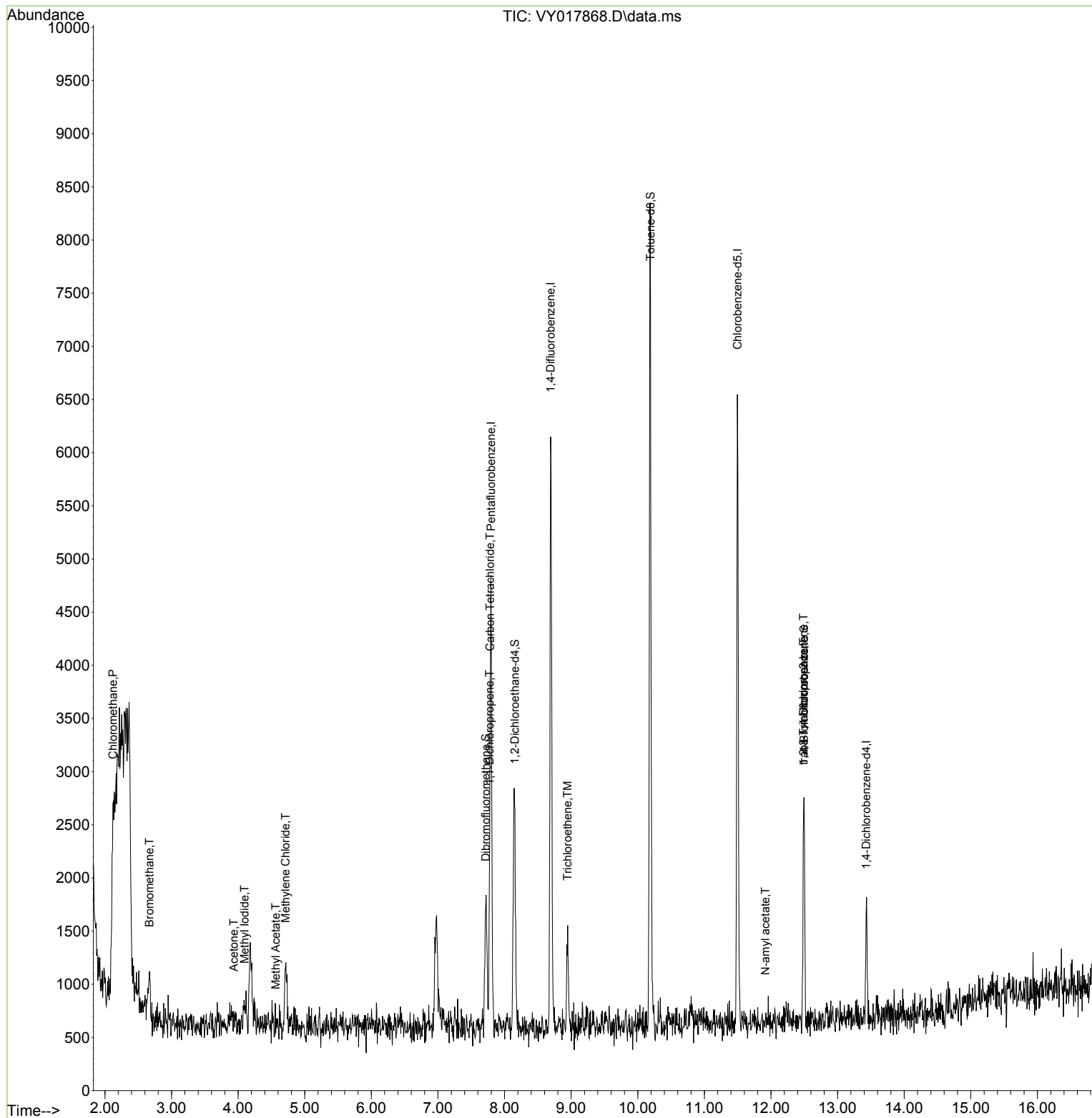
Internal Standards						
1) Pentafluorobenzene	7.795	168	3534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1913	62.555	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.120%	
35) Dibromofluoromethane	7.716	113	1022	34.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 69.040%	
50) Toluene-d8	10.191	98	5509	49.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.495	95	755	22.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 44.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	198	4.292	ug/l #	43
5) Bromomethane	2.668	94	236	4.842	ug/l #	68
10) Methyl Iodide	4.095	142	507	13.224	ug/l #	66
16) Acetone	3.936	43	159	25.153	ug/l #	36
18) Methyl Acetate	4.564	43	24	1.714	ug/l #	46
20) Methylene Chloride	4.710	84	504	10.937	ug/l #	71
36) 1,1-Dichloropropene	7.777	75	344	7.963	ug/l #	40
38) Carbon Tetrachloride	7.783	117	177	3.947	ug/l #	13
44) Trichloroethene	8.947	130	395	11.403	ug/l	56
51) 4-Methyl-2-Pentanone	10.081	43	23	Below Cal	#	31
74) N-amyl acetate	11.916	43	23	3.360	ug/l #	37
76) 1,2,3-Trichloropropane	12.489	75	449	96.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	449	161.985	ug/l #	16

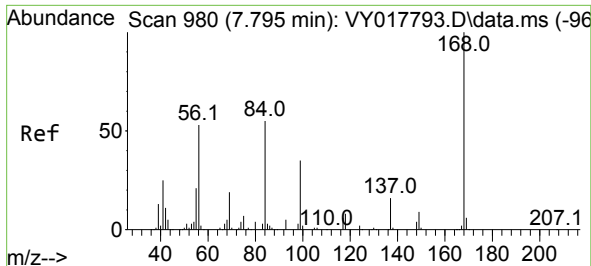
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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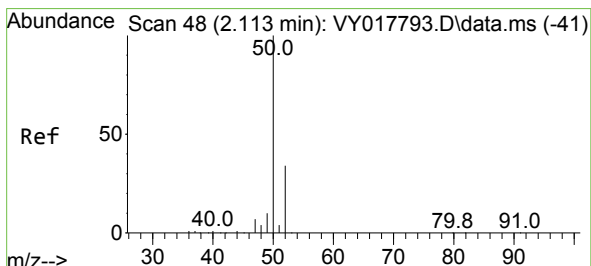
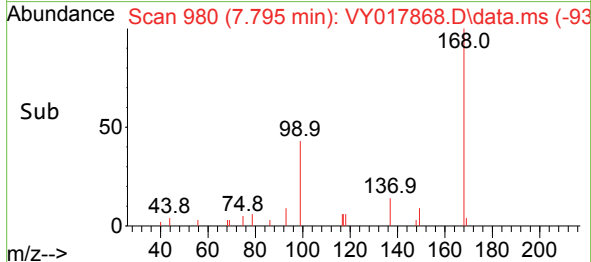
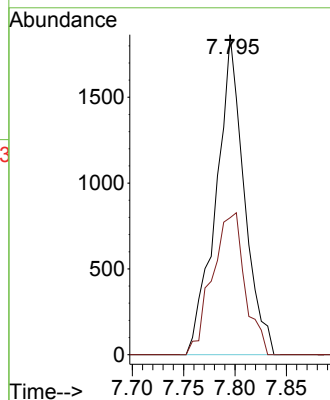
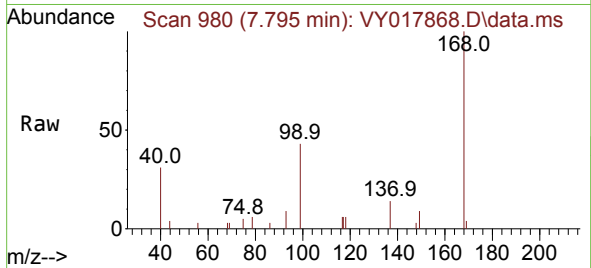




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

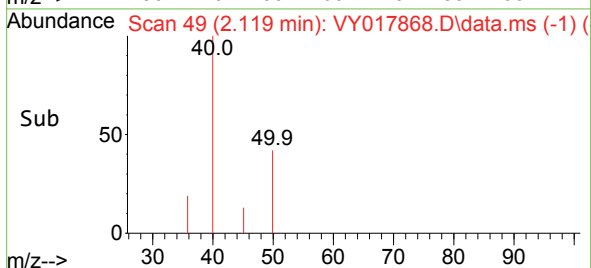
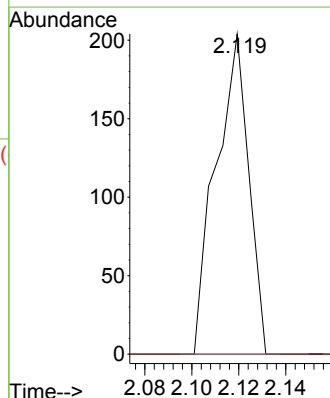
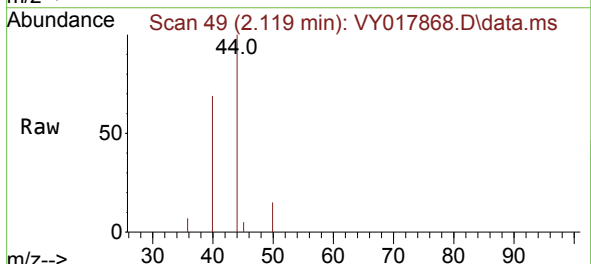
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

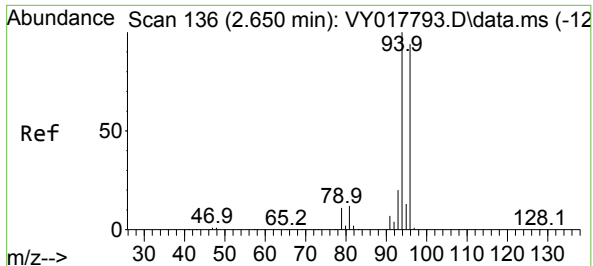
Tgt Ion:168 Resp: 3534
Ion Ratio Lower Upper
168 100
99 42.8 39.1 58.7



#3
Chloromethane
Concen: 4.292 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 50 Resp: 198
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

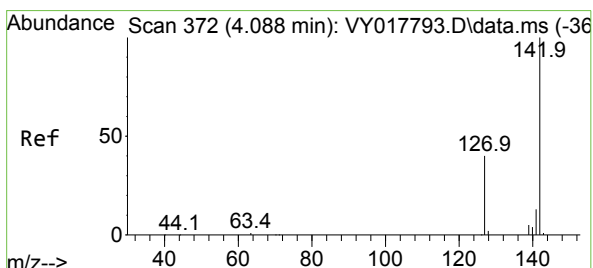
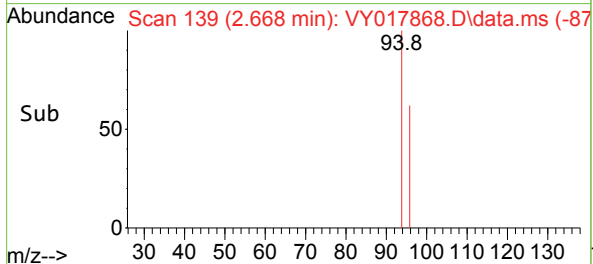
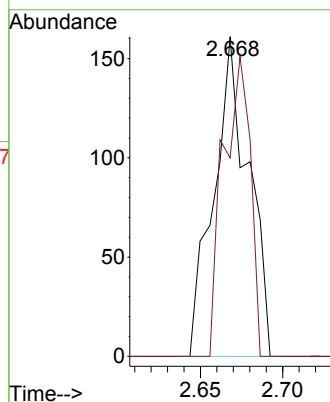
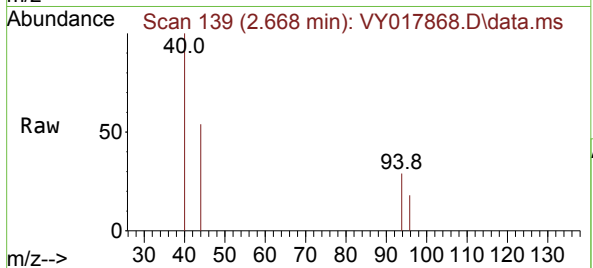




#5
Bromomethane
Concen: 4.842 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

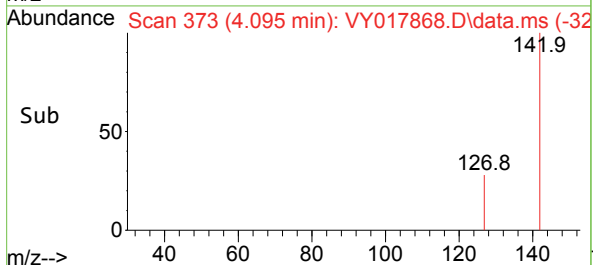
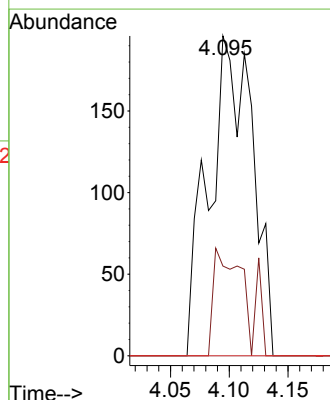
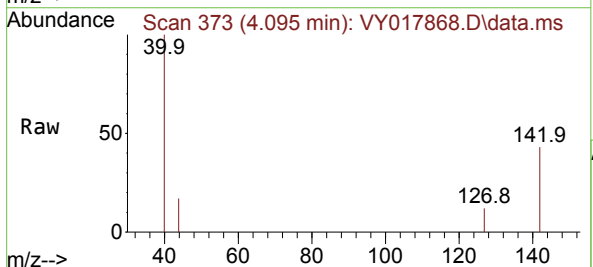
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

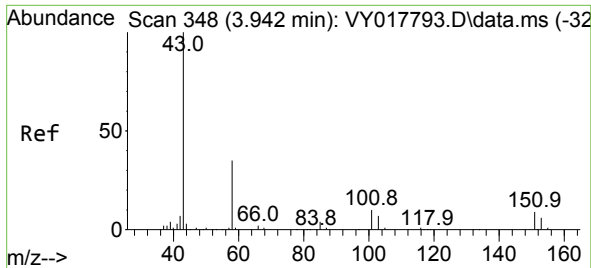
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 62.1 74.1 111.1#



#10
Methyl Iodide
Concen: 13.224 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 142 Resp: 507
Ion Ratio Lower Upper
142 100
127 20.3 32.8 49.2#
141 0.0 11.4 17.2#

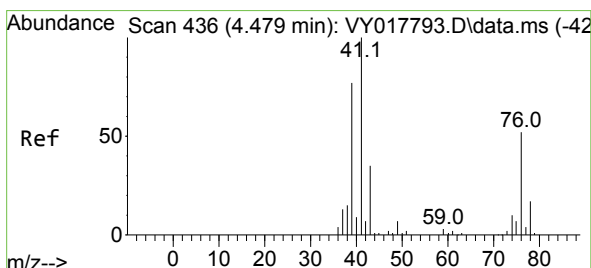
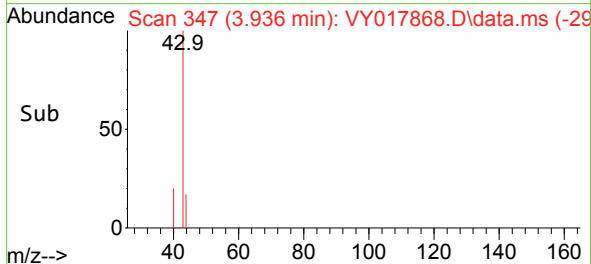
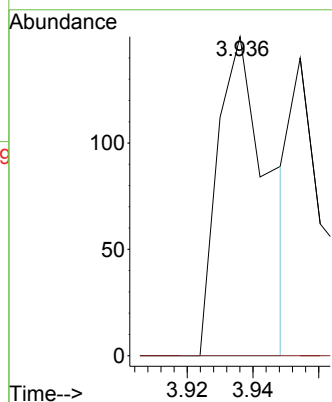
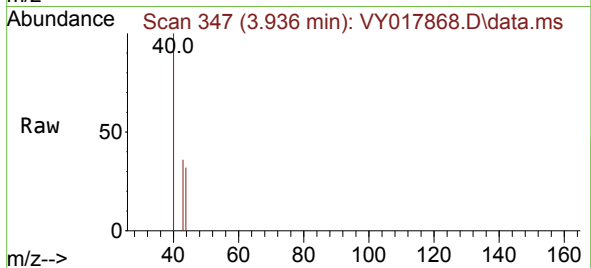




#16
Acetone
Concen: 25.153 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

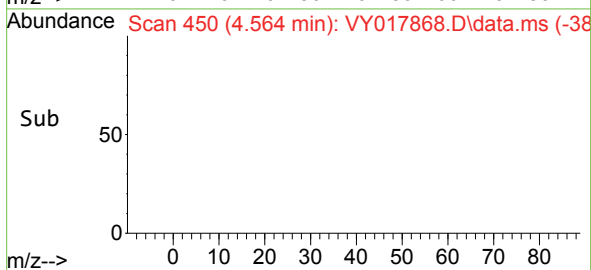
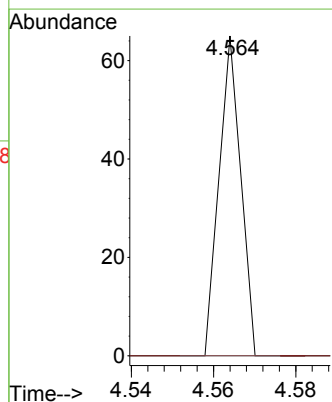
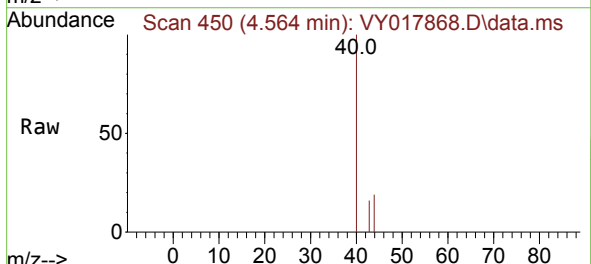
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

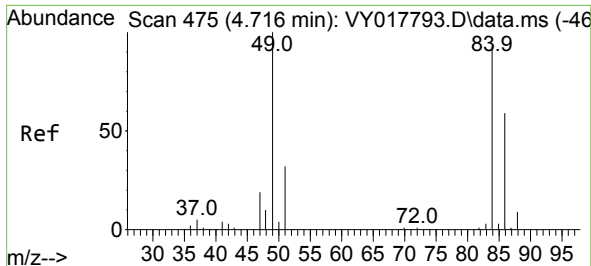
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 1.714 ug/l
RT: 4.564 min Scan# 450
Delta R.T. 0.085 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#20

Methylene Chloride

Concen: 10.937 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017868.D

Acq: 05 Apr 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP2RE

Tgt Ion: 84 Resp: 504

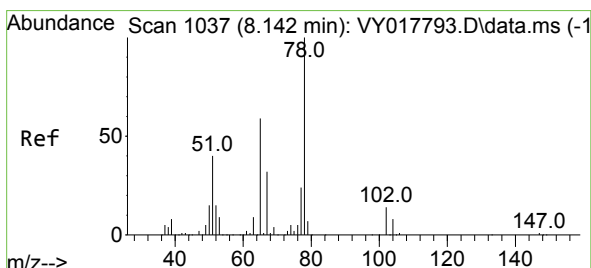
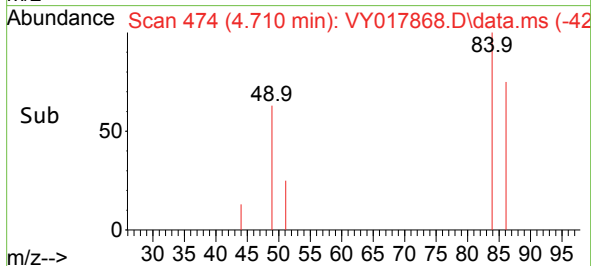
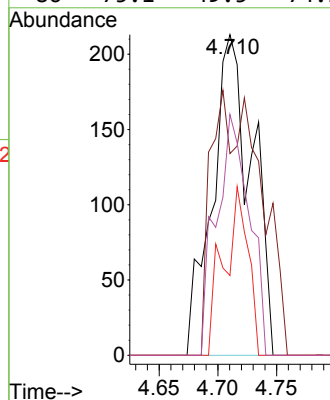
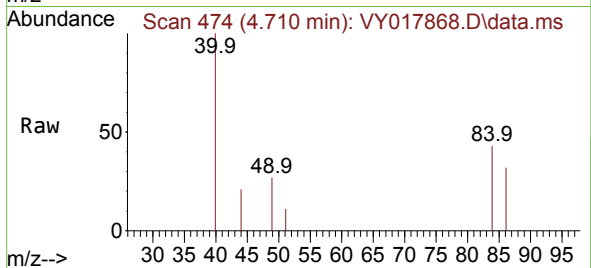
Ion Ratio Lower Upper

84 100

49 62.9 84.4 126.6#

51 24.9 26.0 39.0#

86 75.1 49.5 74.3#



#33

1,2-Dichloroethane-d4

Concen: 62.555 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017868.D

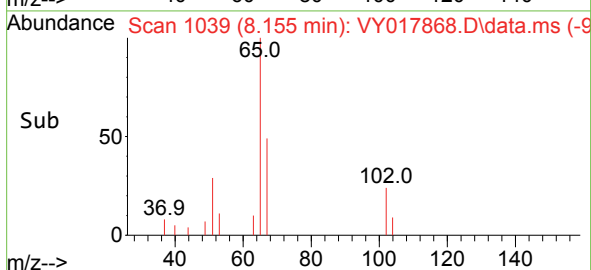
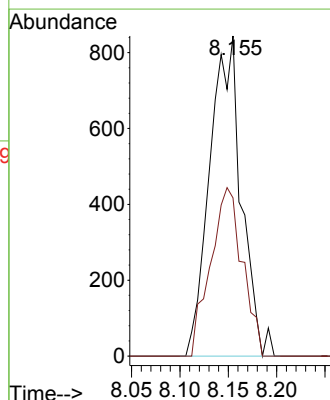
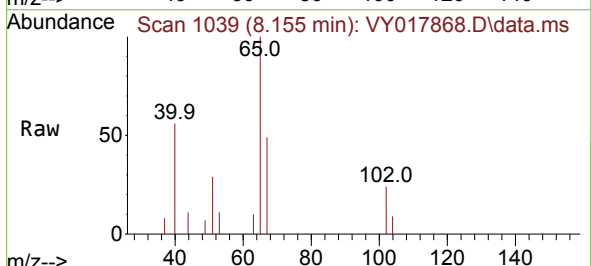
Acq: 05 Apr 2024 14:07

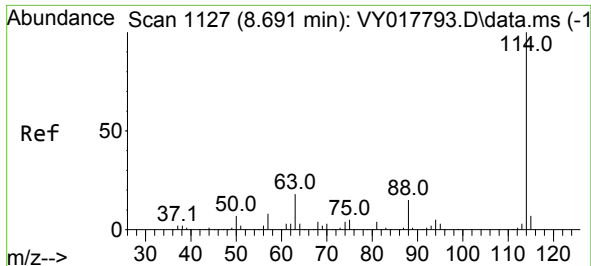
Tgt Ion: 65 Resp: 1913

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6

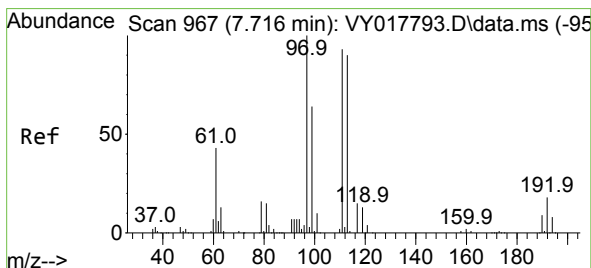
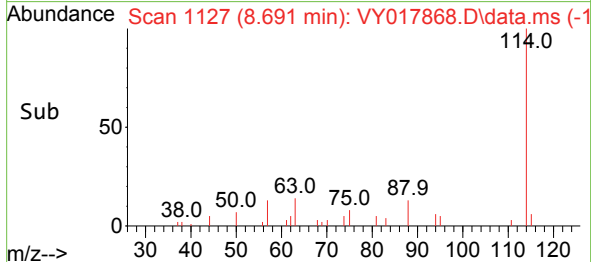
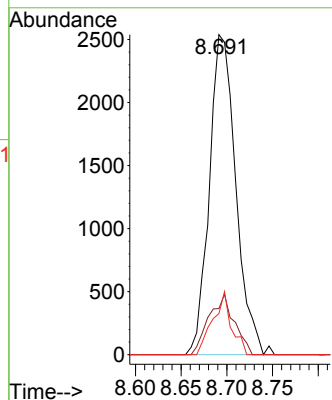
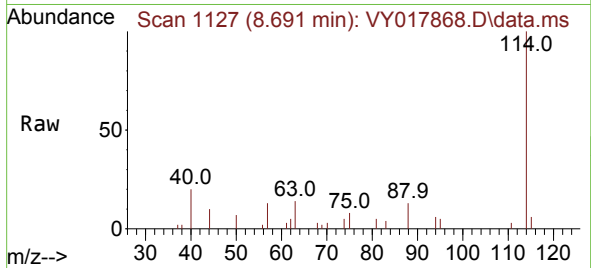




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

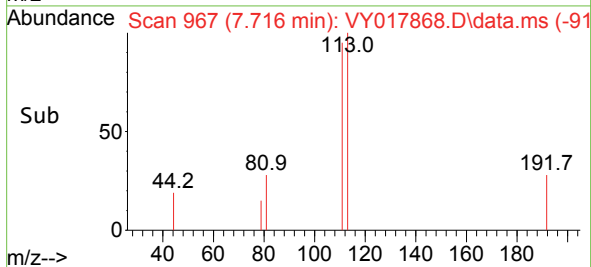
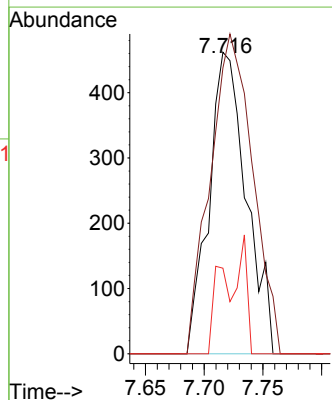
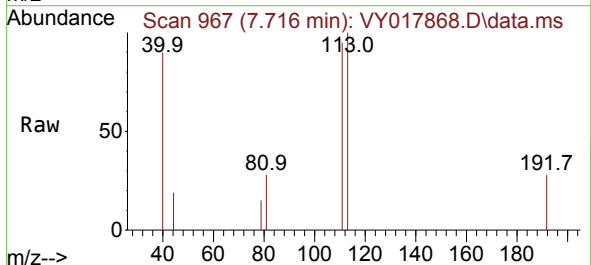
Instrument :
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TP2RE

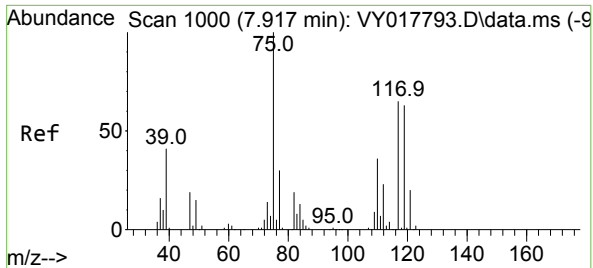
Tgt Ion:114 Resp: 5124
Ion Ratio Lower Upper
114 100
63 14.4 0.0 35.0
88 12.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 34.517 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion:113 Resp: 1022
Ion Ratio Lower Upper
113 100
111 121.0 82.2 123.4
192 12.3 15.9 23.9#

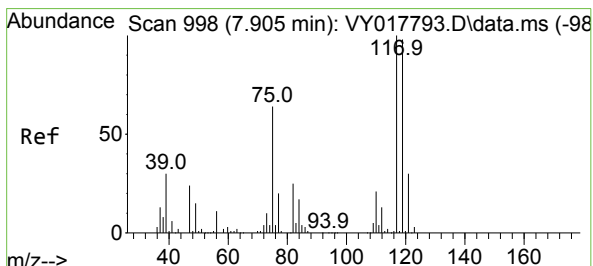
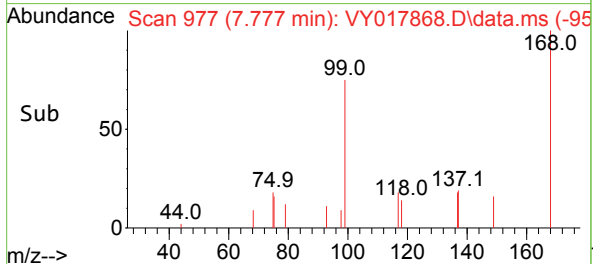
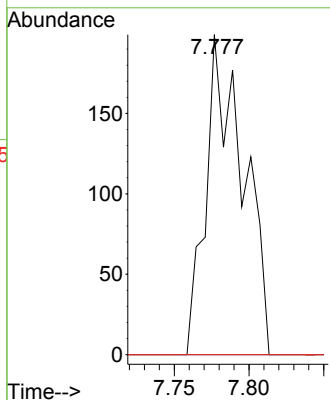
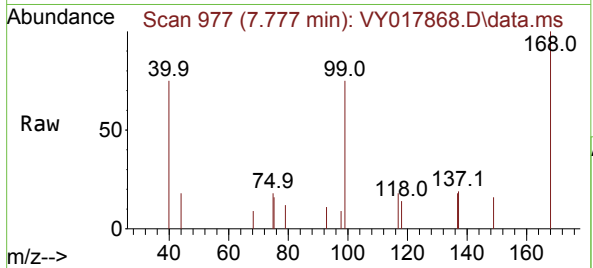




#36
1,1-Dichloropropene
Concen: 7.963 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.140 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

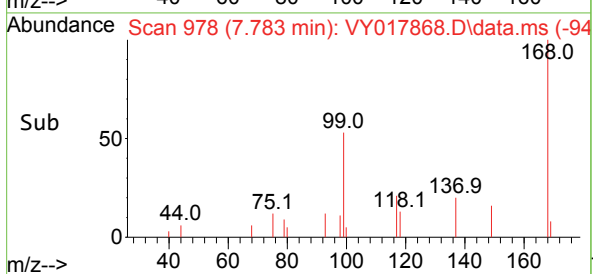
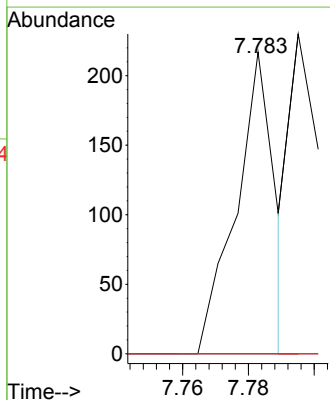
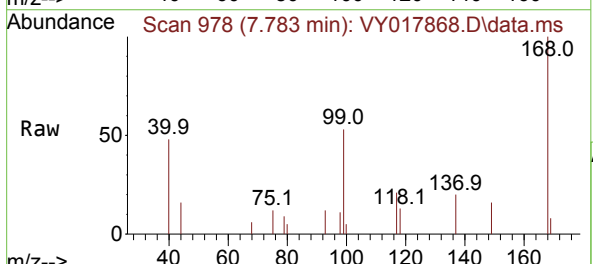
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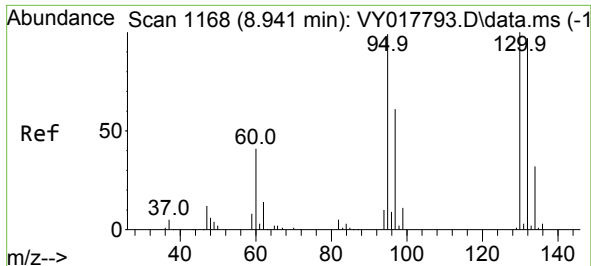
Tgt Ion: 75 Resp: 344
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 3.947 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 117 Resp: 177
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

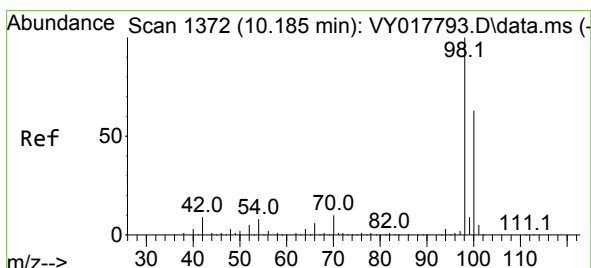
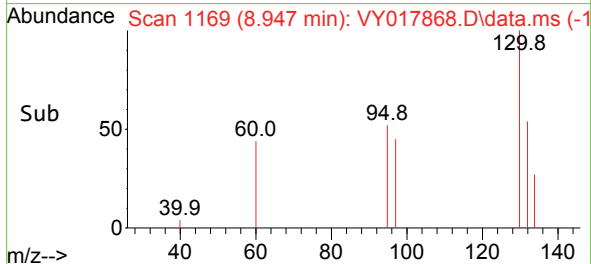
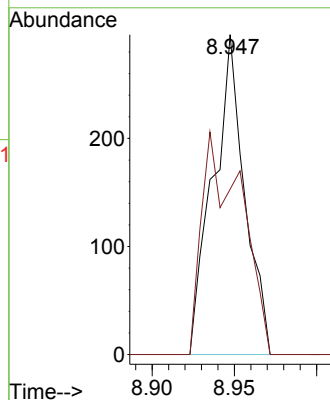
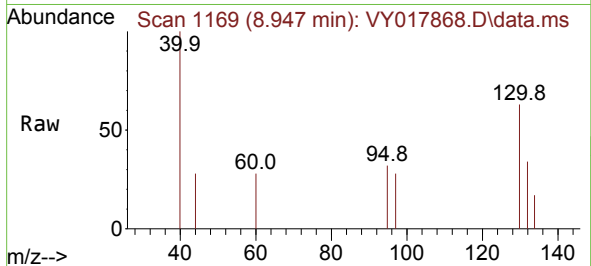




#44
Trichloroethene
Concen: 11.403 ug/l
RT: 8.947 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

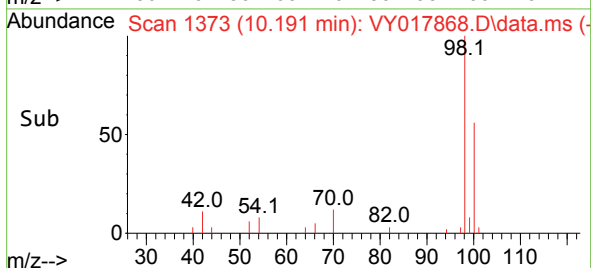
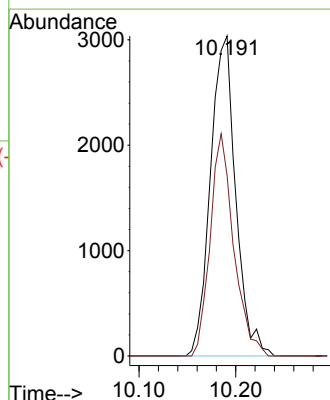
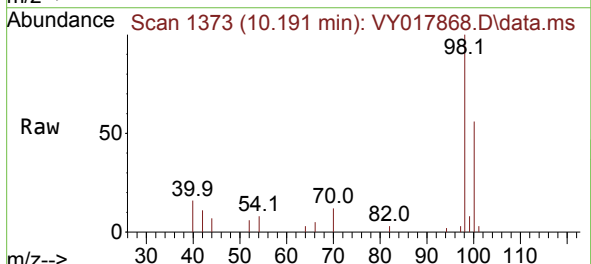
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

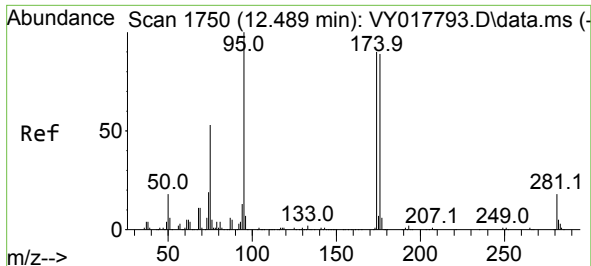
Tgt Ion:130 Resp: 395
Ion Ratio Lower Upper
130 100
95 51.7 0.0 188.0



#50
Toluene-d8
Concen: 49.809 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 98 Resp: 5509
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

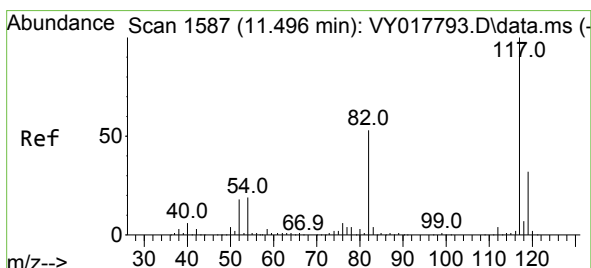
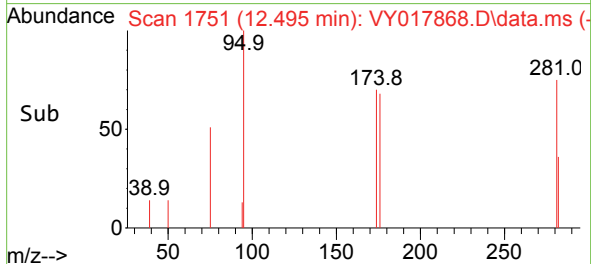
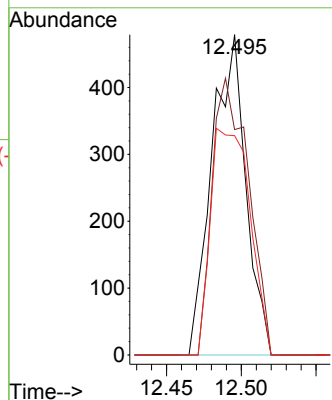
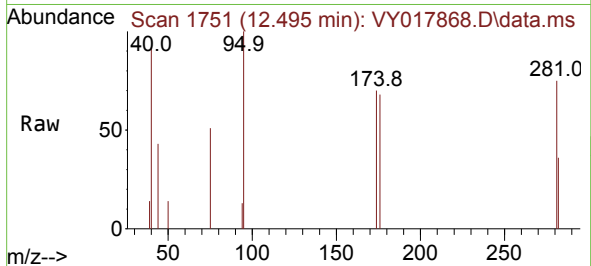




#62
4-Bromofluorobenzene
Concen: 22.437 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

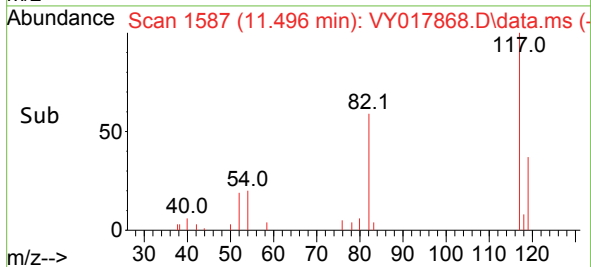
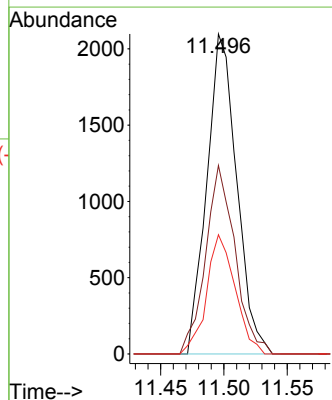
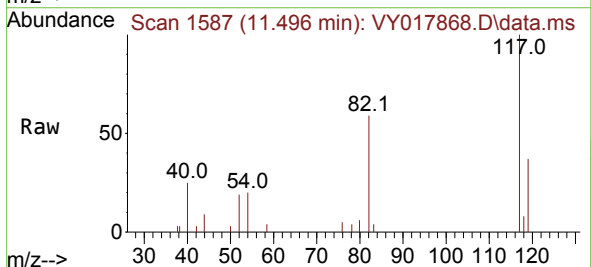
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

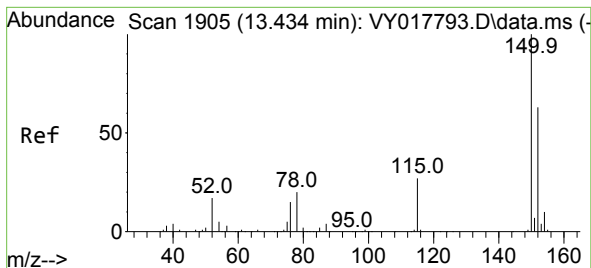
Tgt Ion:	95	Resp:	755
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	175.6
176	82.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion:	117	Resp:	3445
Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	37.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017868.D

Acq: 05 Apr 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP2RE

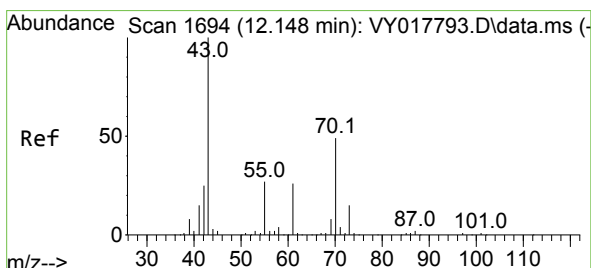
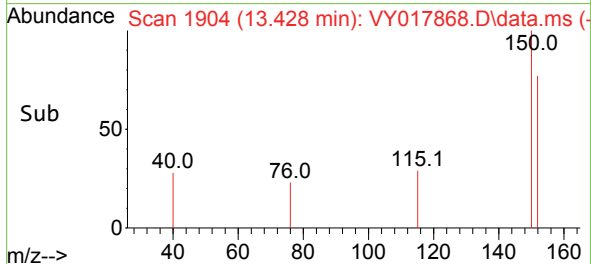
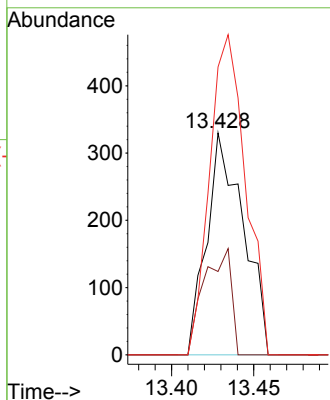
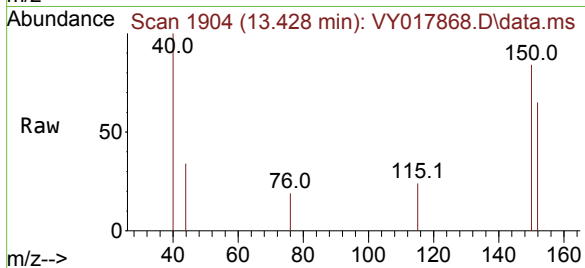
Tgt Ion:152 Resp: 511

Ion Ratio Lower Upper

152 100

115 35.4 28.2 84.7

150 141.9 0.0 345.6



#74

N-ethyl acetate

Concen: 3.360 ug/l

RT: 11.916 min Scan# 1656

Delta R.T. -0.232 min

Lab File: VY017868.D

Acq: 05 Apr 2024 14:07

Tgt Ion: 43 Resp: 23

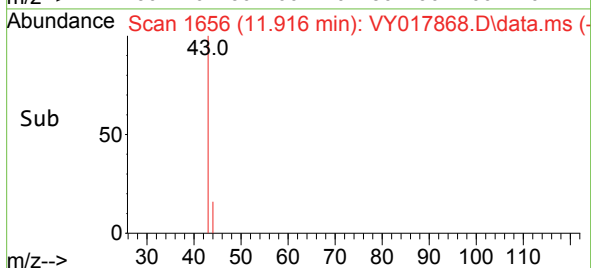
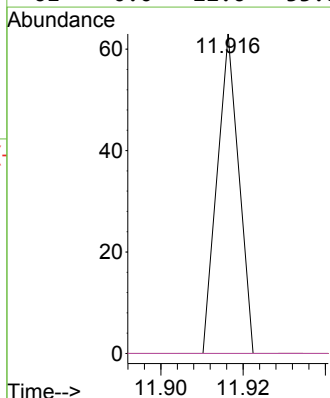
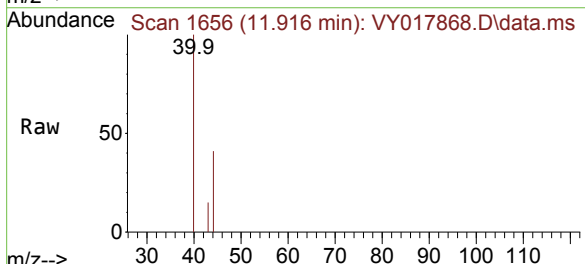
Ion Ratio Lower Upper

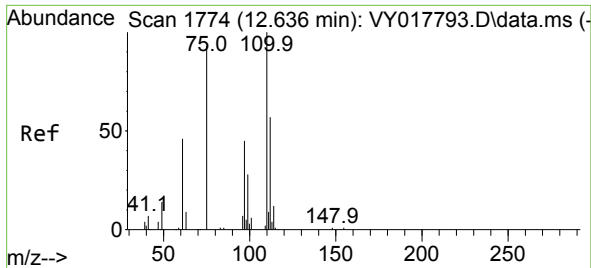
43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#

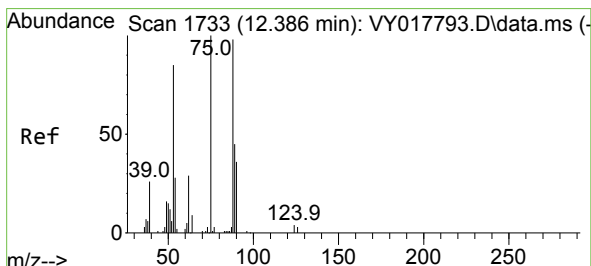
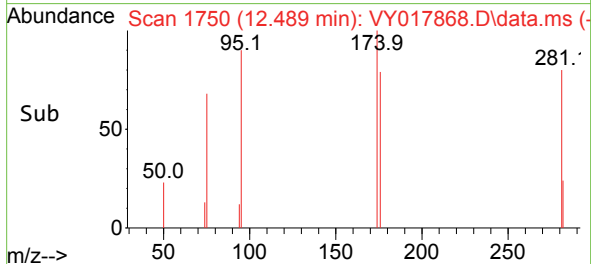
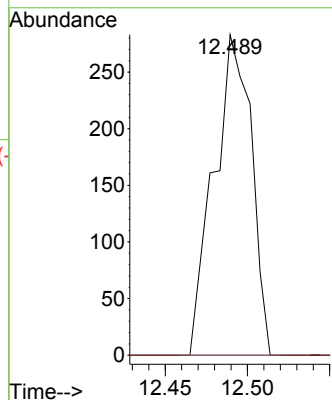
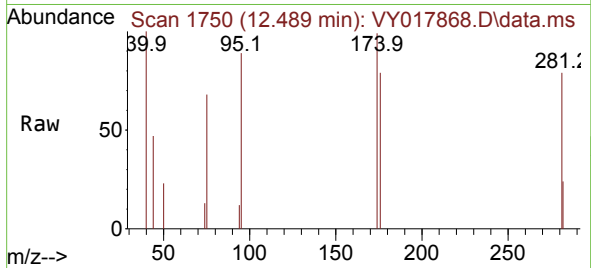




#76
1,2,3-Trichloropropane
Concen: 96.424 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

Tgt Ion: 75 Resp: 449
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 161.985 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 75 Resp: 449
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

