

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017592.D
 Acq On : 06 Mar 2024 16:14
 Operator : SY/MD
 Sample : P1688-01
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 02:08:51 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

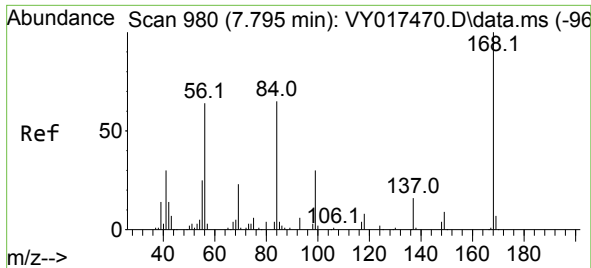
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	117614	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	212109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67116	60.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.420%	
35) Dibromofluoromethane	7.710	113	70849	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.860%	
50) Toluene-d8	10.179	98	243252	47.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.483	95	65886	40.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.140%	
Target Compounds						
11) Tert butyl alcohol	4.936	59	213	2.250	ug/l #	88
16) Acetone	3.948	43	543	2.512	ug/l #	77
20) Methylene Chloride	4.704	84	3637	Below Cal	#	96
31) Cyclohexane	7.783	56	2013	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8500	4.262	ug/l #	48
38) Carbon Tetrachloride	7.777	117	10769	5.388	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	789	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	32442	47.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32442	108.851	ug/l #	16
95) Naphthalene	15.245	128	982	4.316	ug/l #	88

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

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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

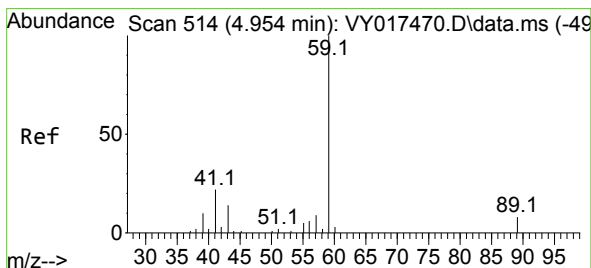
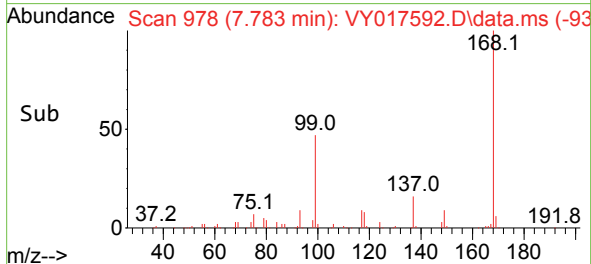
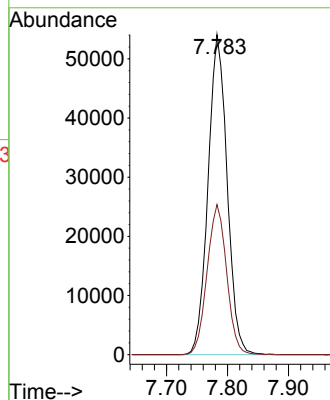
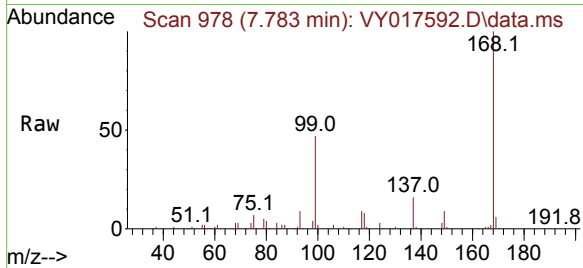




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

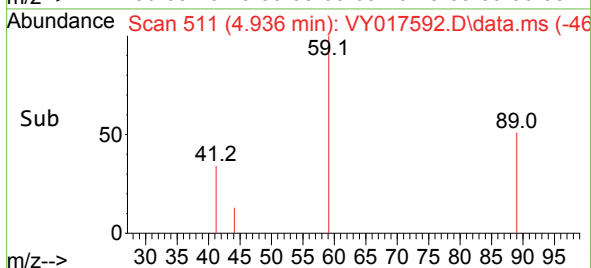
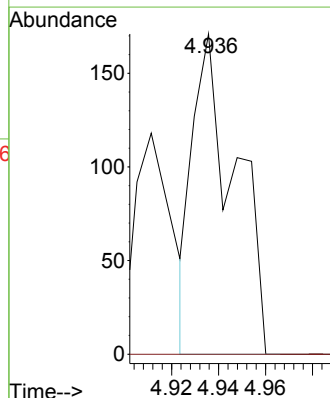
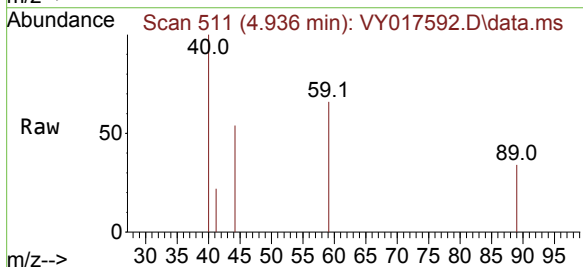
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MSVOA_Y
ClientSampleId :
COMP-1

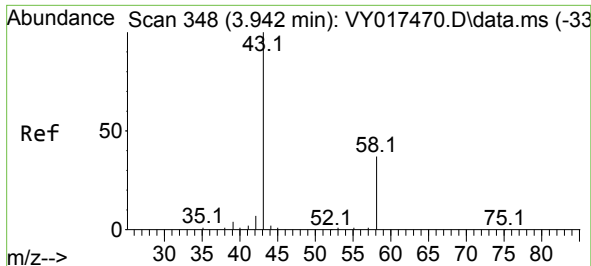
Tgt Ion:168 Resp: 117614
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.250 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.512 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017592.D

Acq: 06 Mar 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

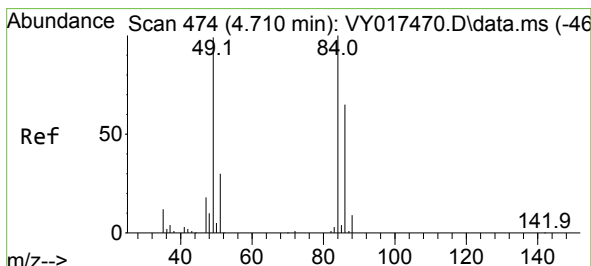
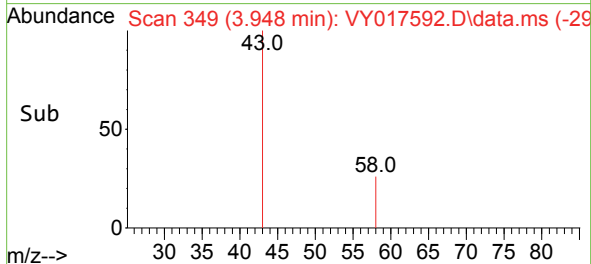
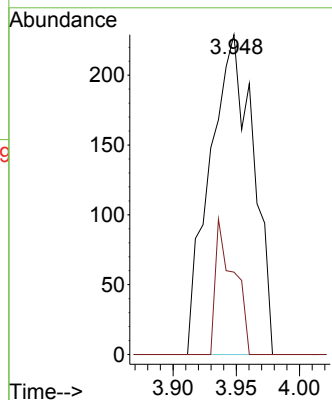
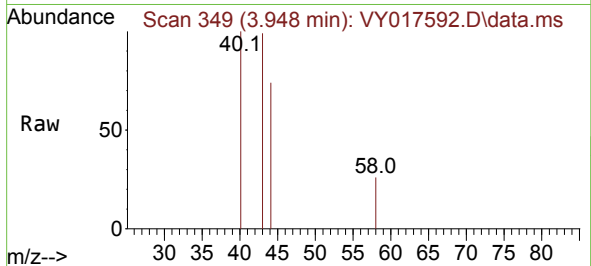
COMP-1

Tgt Ion: 43 Resp: 543

Ion Ratio Lower Upper

43 100

58 25.8 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017592.D

Acq: 06 Mar 2024 16:14

Tgt Ion: 84 Resp: 3637

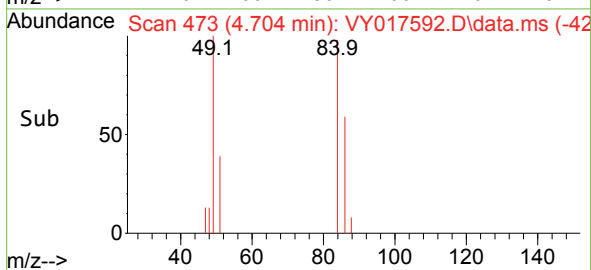
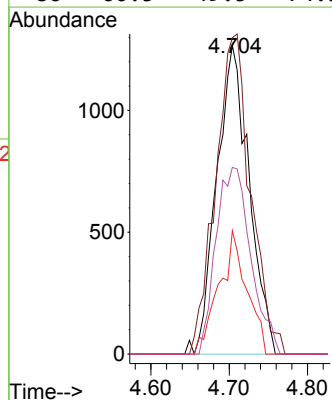
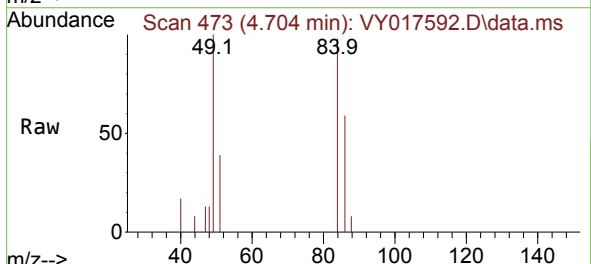
Ion Ratio Lower Upper

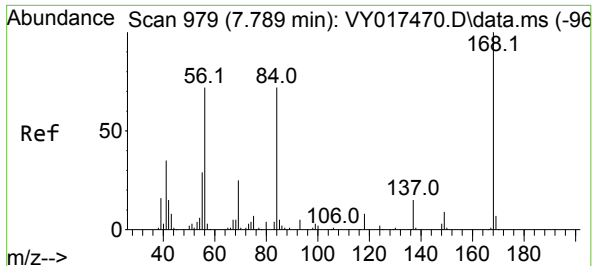
84 100

49 102.5 84.4 126.6

51 40.0 26.0 39.0#

86 60.5 49.5 74.3

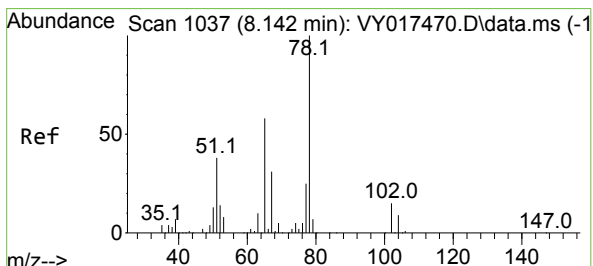
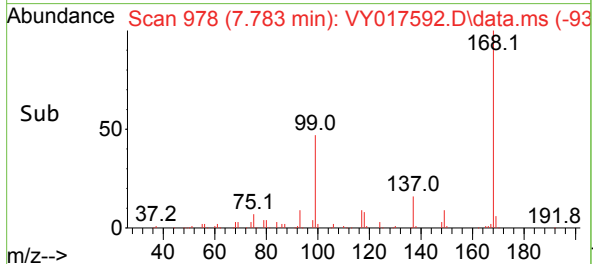
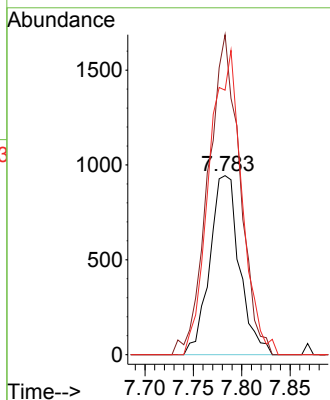
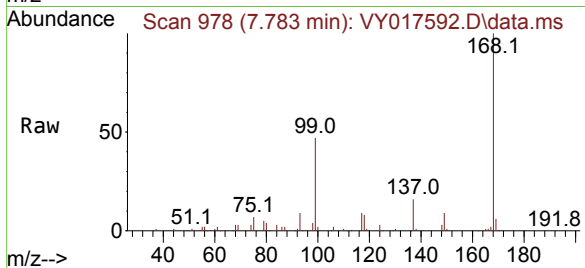




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

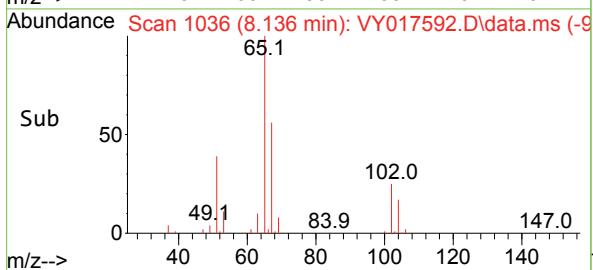
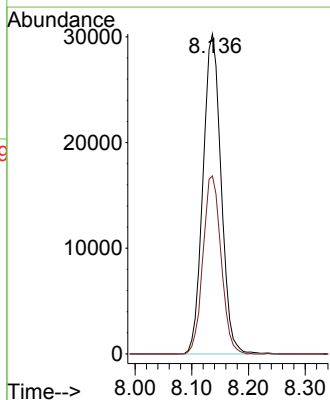
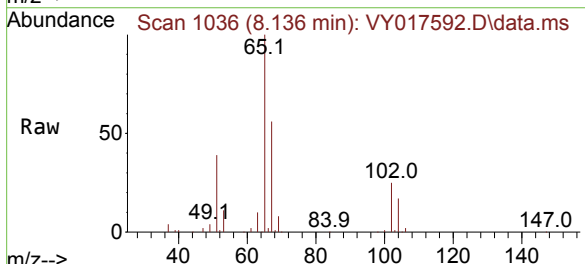
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

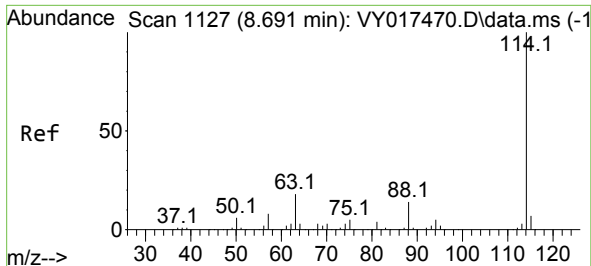
Tgt Ion: 56 Resp: 2013
Ion Ratio Lower Upper
56 100
69 178.7 28.7 43.1#
84 147.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.212 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 65 Resp: 67116
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6

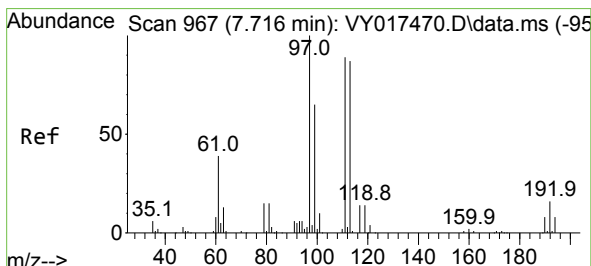
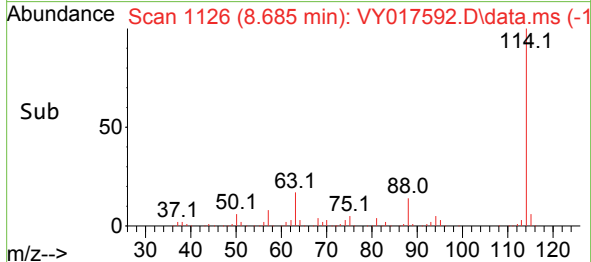
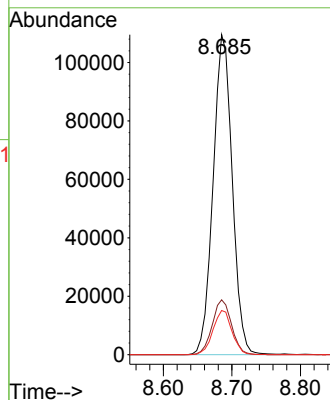
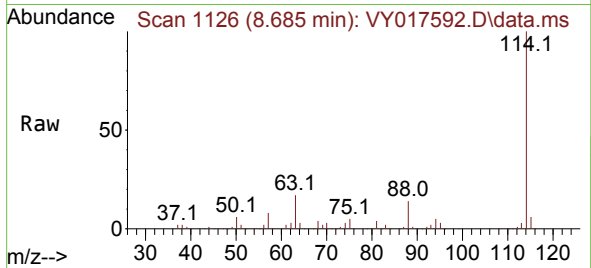




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

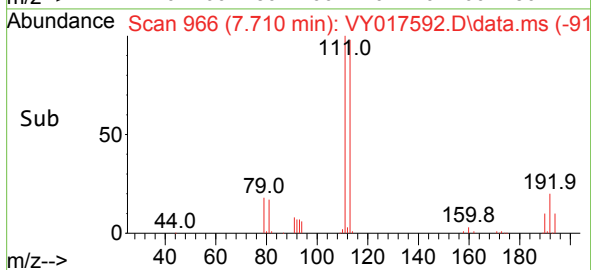
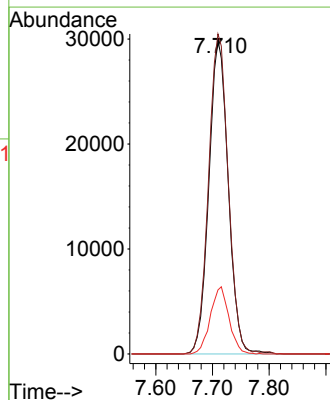
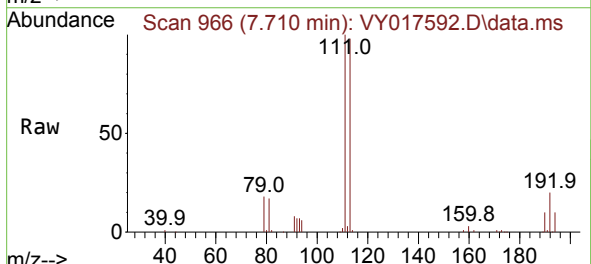
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

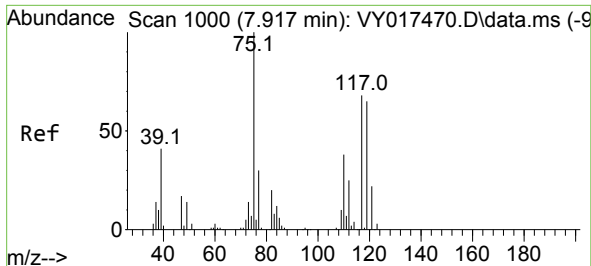
Tgt Ion:114 Resp: 212109
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.934 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion:113 Resp: 70849
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 20.7 15.9 23.9

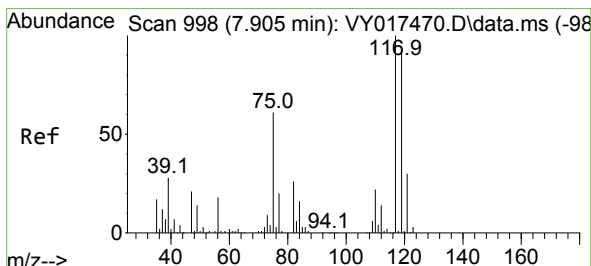
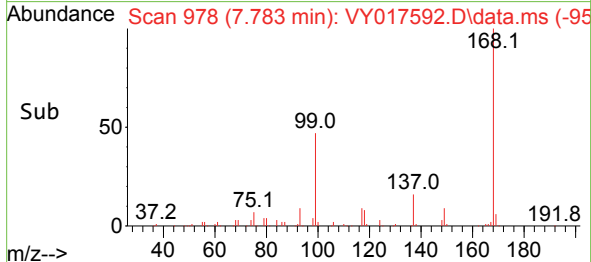
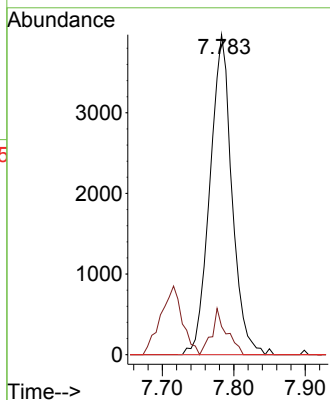
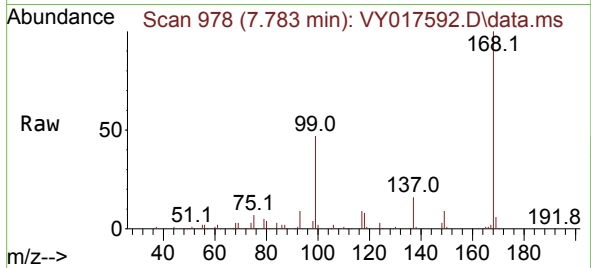




#36
1,1-Dichloropropene
Concen: 4.262 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

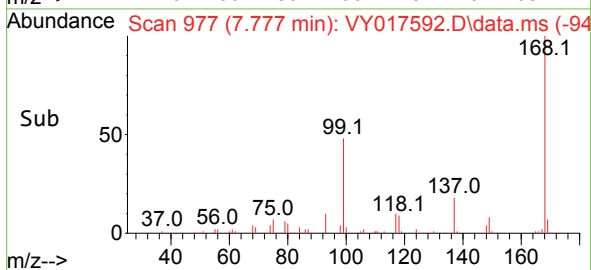
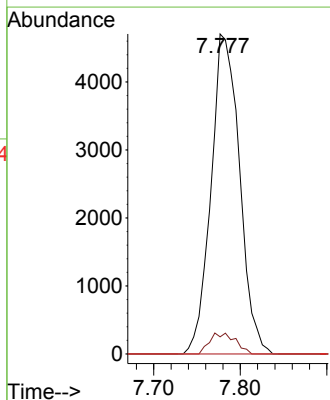
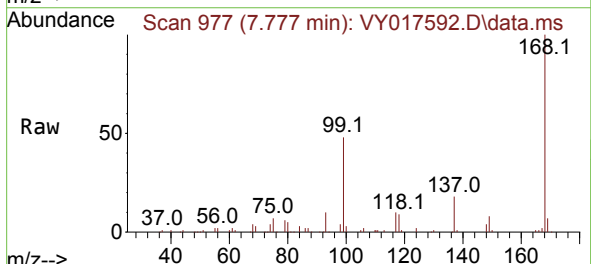
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

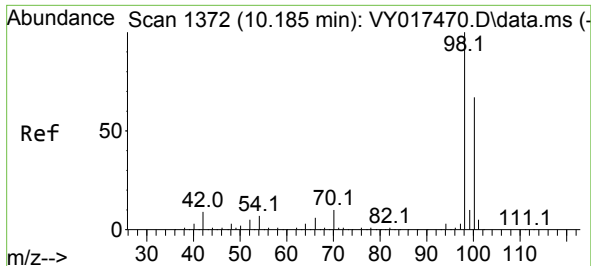
Tgt Ion: 75 Resp: 8500
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.388 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 117 Resp: 10769
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

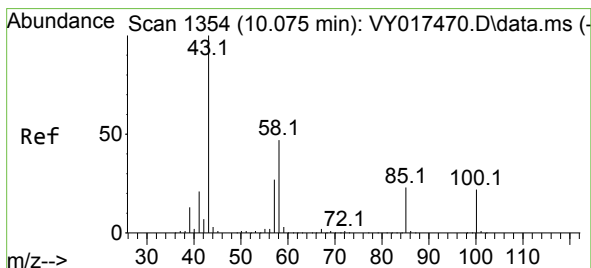
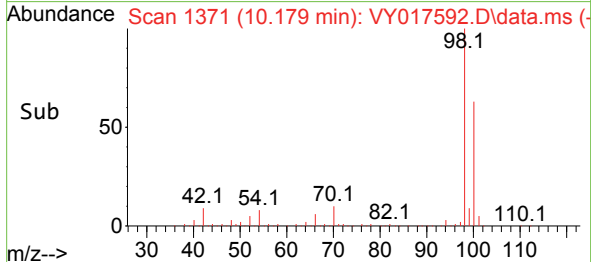
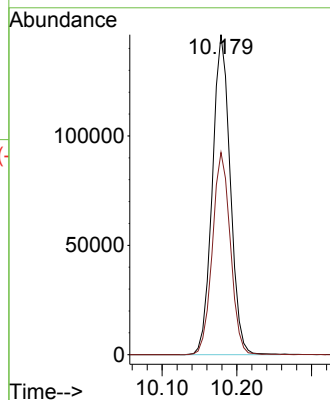
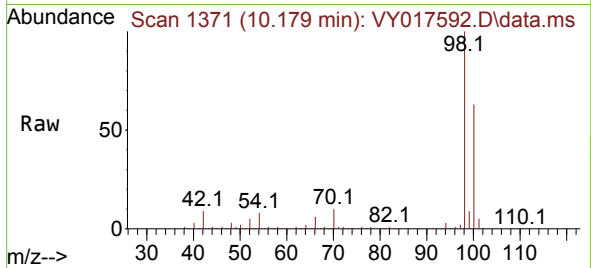




#50
Toluene-d8
Concen: 47.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

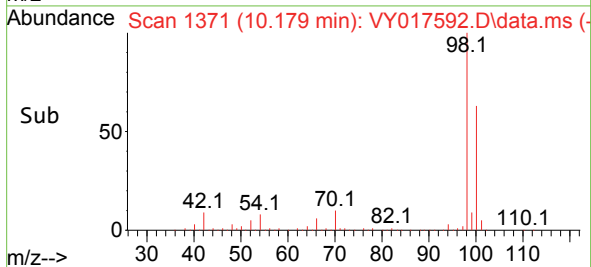
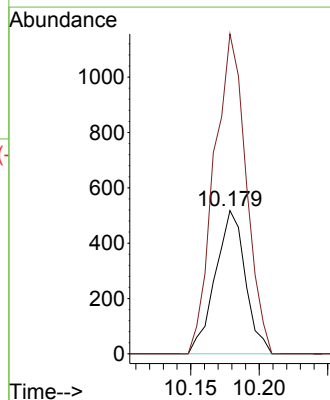
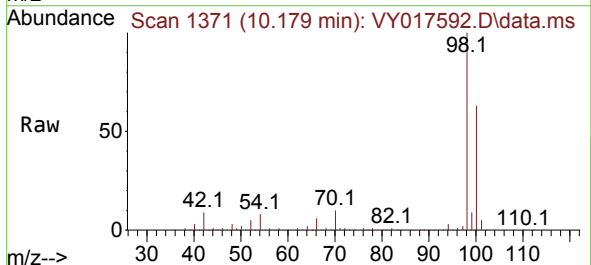
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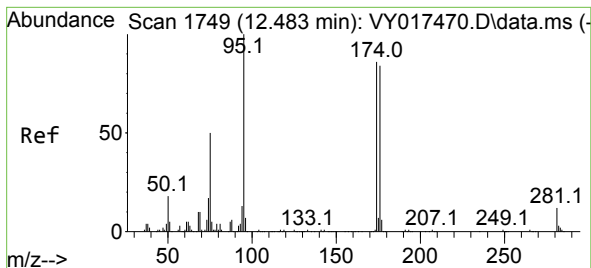
Tgt Ion: 98 Resp: 243252
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 238.0 35.7 53.5#

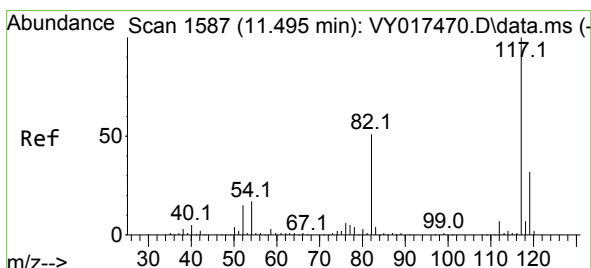
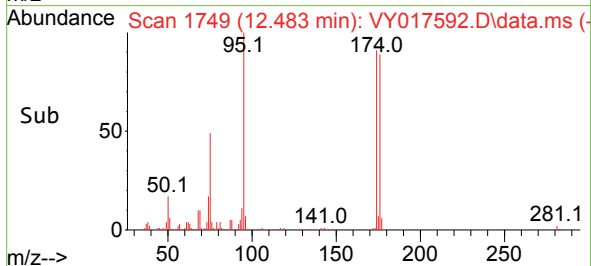
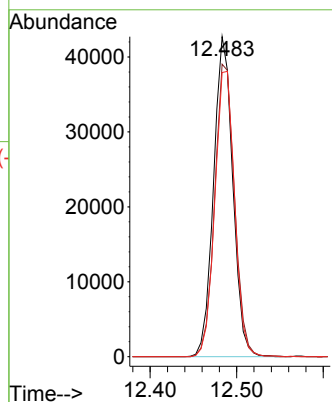
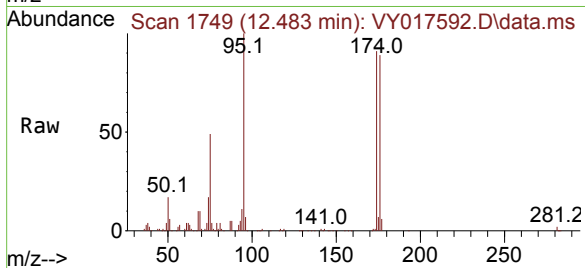




#62
4-Bromofluorobenzene
Concen: 40.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

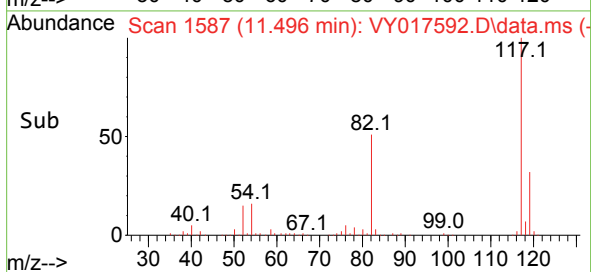
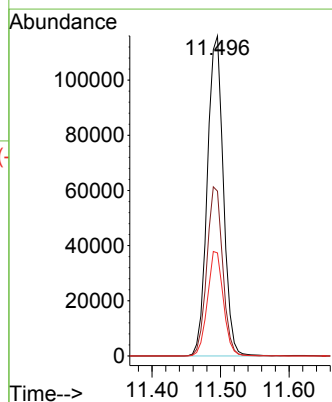
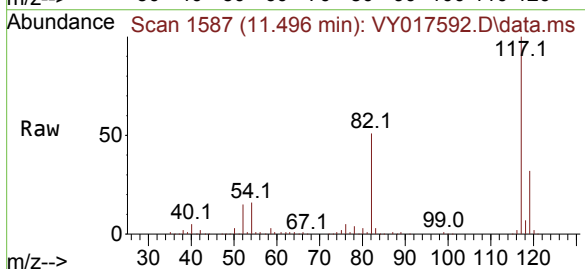
Instrument :
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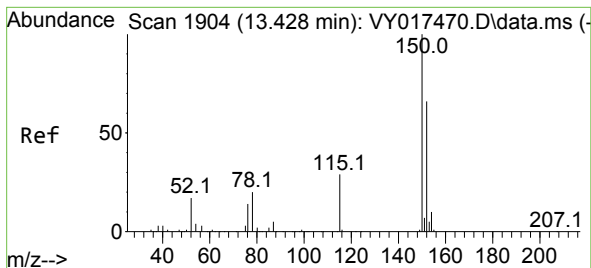
Tgt Ion: 95 Resp: 65886
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 91.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 117 Resp: 188524
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.2 25.9 38.9

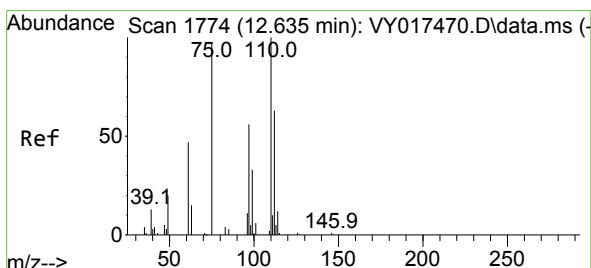
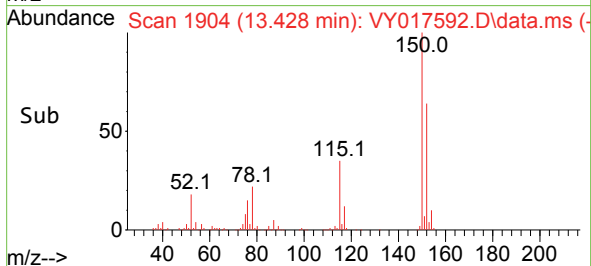
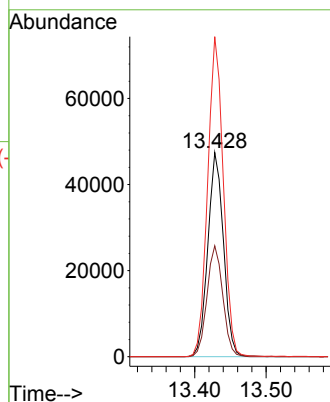
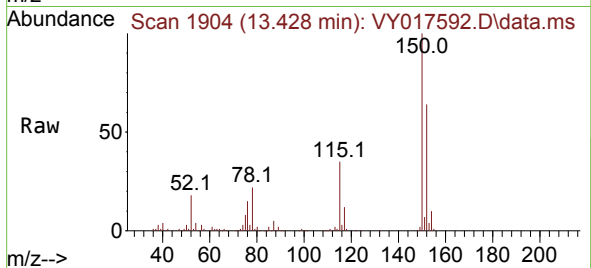




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017592.D
 Acq: 06 Mar 2024 16:14

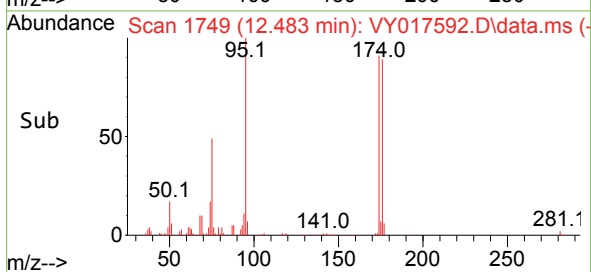
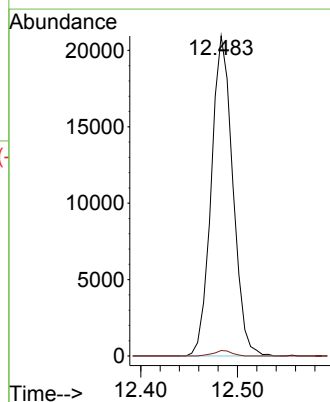
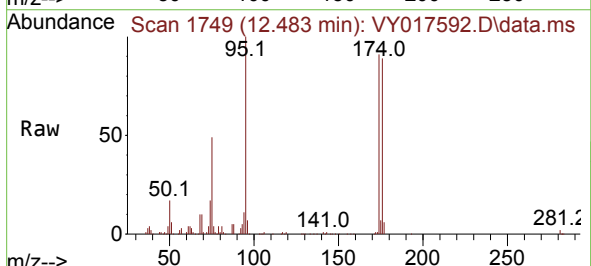
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

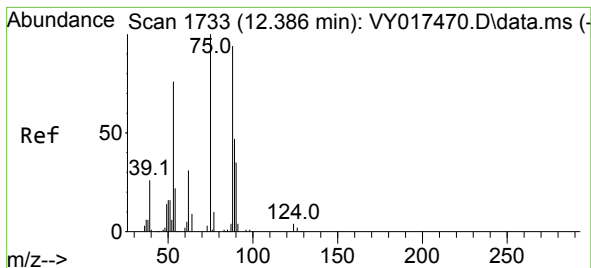
Tgt Ion:152 Resp: 72076
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.372 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017592.D
 Acq: 06 Mar 2024 16:14

Tgt Ion: 75 Resp: 32442
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

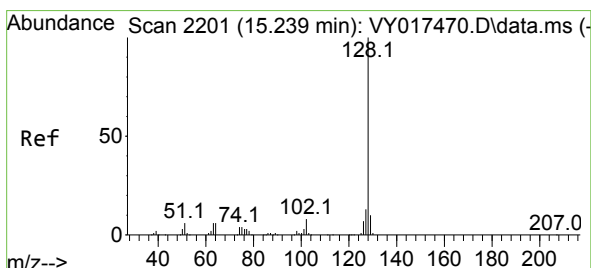
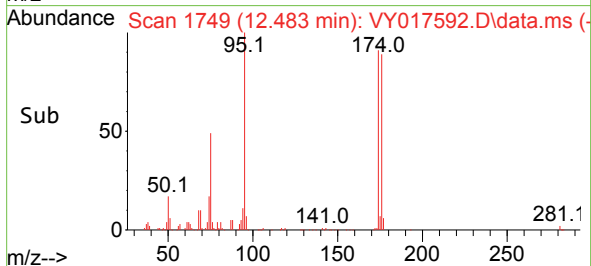
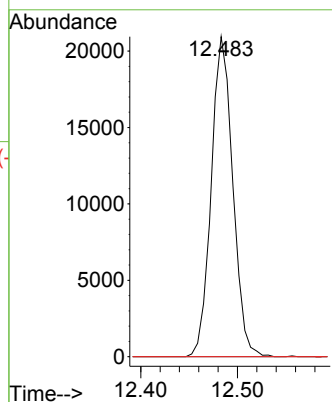
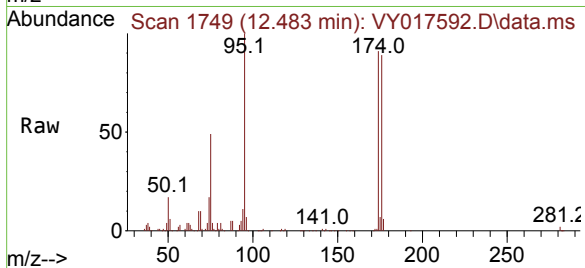




#81
trans-1,4-Dichloro-2-butene
Concen: 108.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 32442
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.316 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion:128 Resp: 982
Ion Ratio Lower Upper
128 100
127 8.1 10.6 16.0#
129 6.8 8.6 13.0#

