

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017595.D
 Acq On : 06 Mar 2024 17:26
 Operator : SY/MD
 Sample : P1688-04
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Mar 07 02:09:53 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)

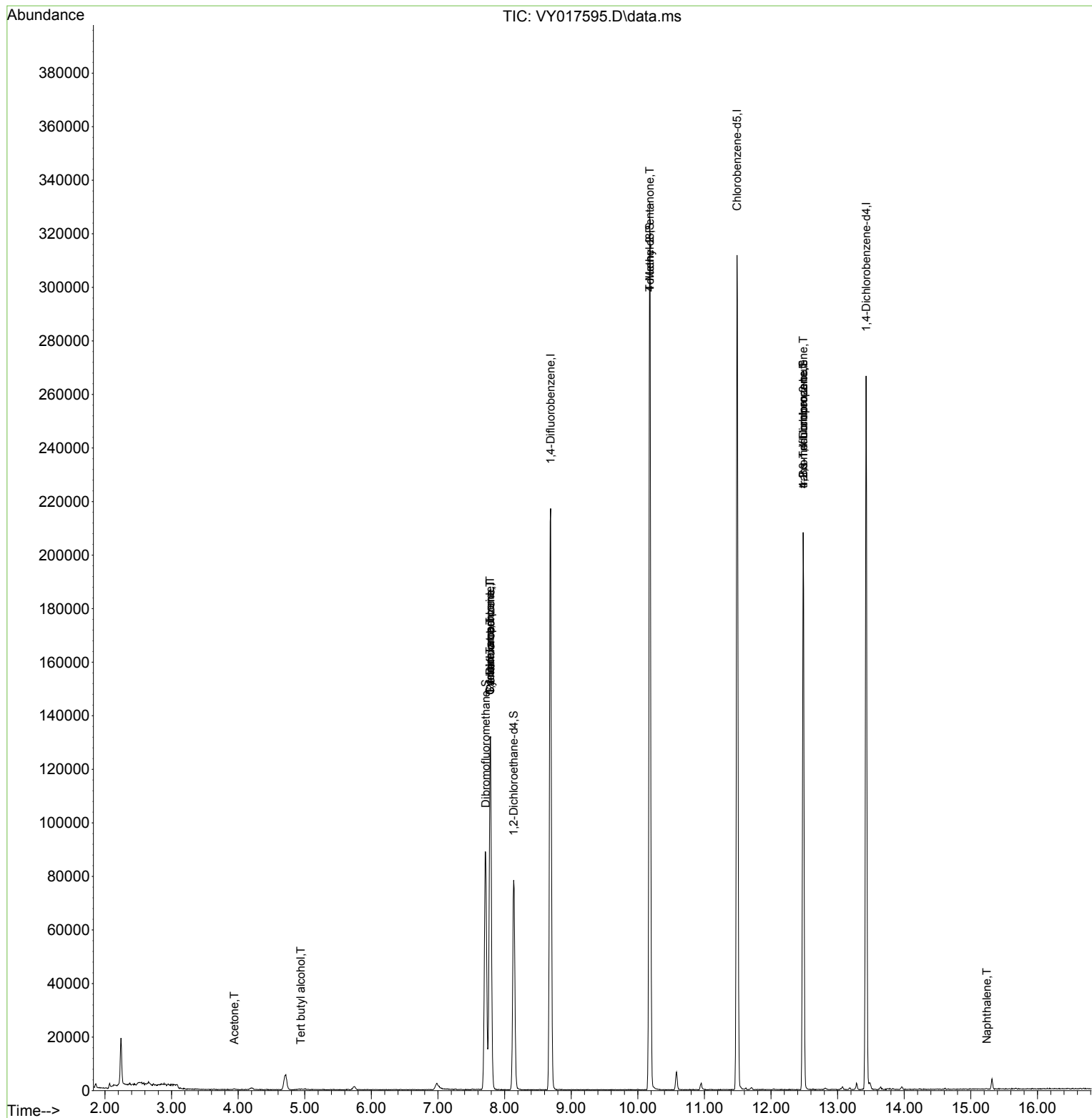
Internal Standards						
1) Pentafluorobenzene	7.789	168	111925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58833	55.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.716	113	65675	47.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.179	98	225354	46.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.483	95	62594	40.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	201	2.231	ug/l #	88
16) Acetone	3.942	43	520	2.527	ug/l	98
20) Methylene Chloride	4.704	84	4992	Below Cal		90
31) Cyclohexane	7.783	56	2034	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7660	4.069	ug/l #	48
38) Carbon Tetrachloride	7.783	117	9950	5.273	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	787	1.081	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30991	46.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30991	105.791	ug/l #	16
95) Naphthalene	15.239	128	226	4.008	ug/l #	69

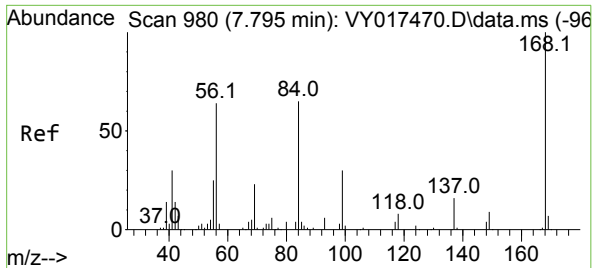
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Mar 07 02:09:53 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

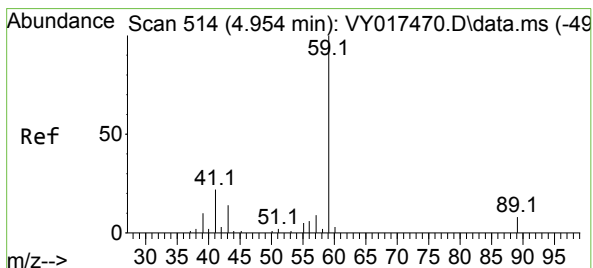
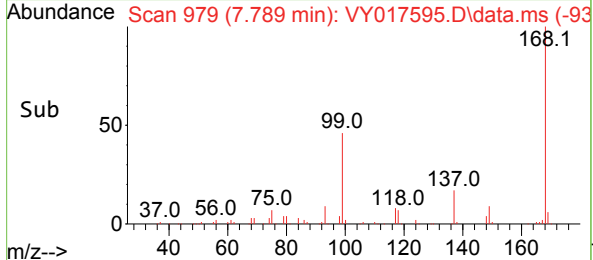
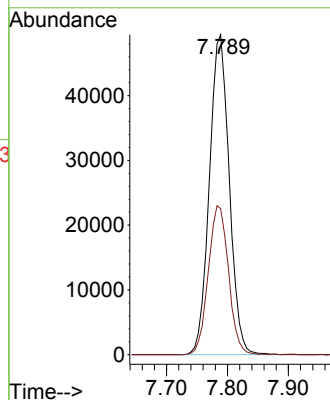
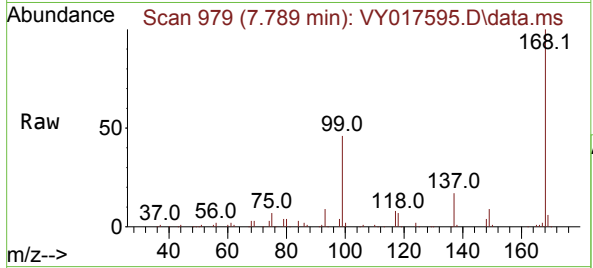




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

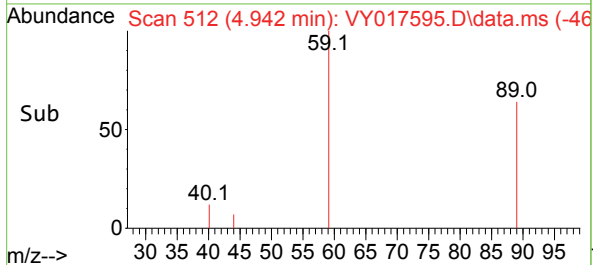
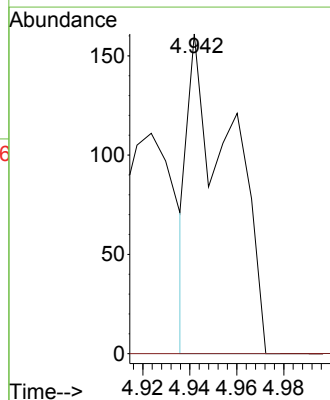
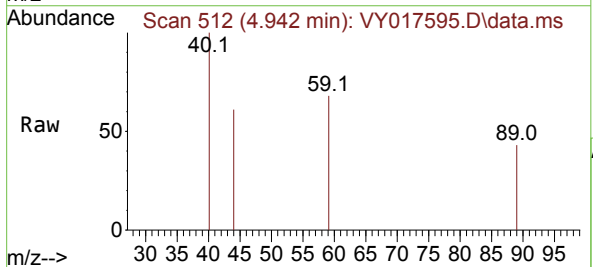
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

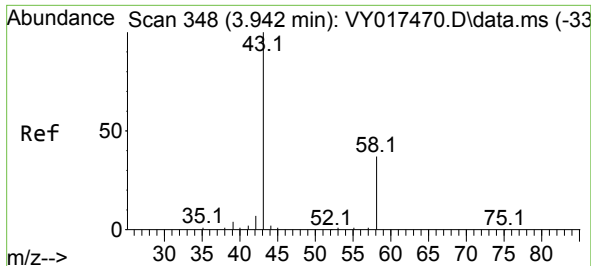
Tgt Ion:168 Resp: 111925
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.231 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.527 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017595.D

Acq: 06 Mar 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

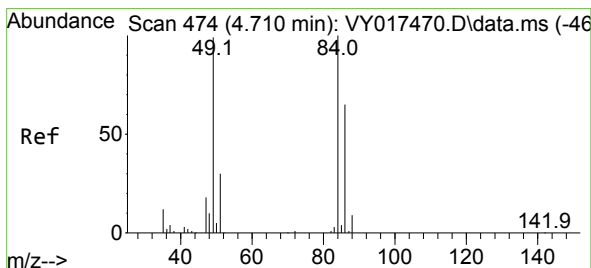
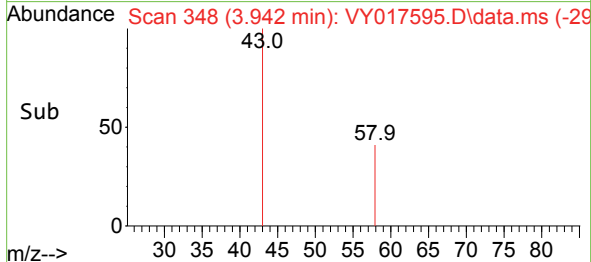
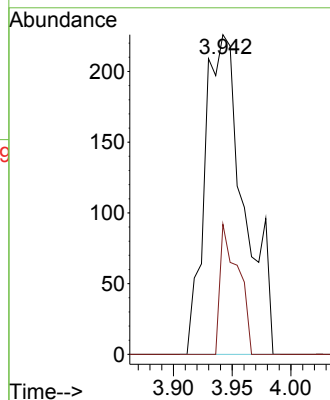
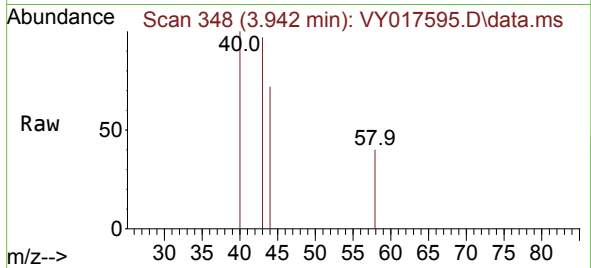
COMP-4

Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

58 40.7 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017595.D

Acq: 06 Mar 2024 17:26

Tgt Ion: 84 Resp: 4992

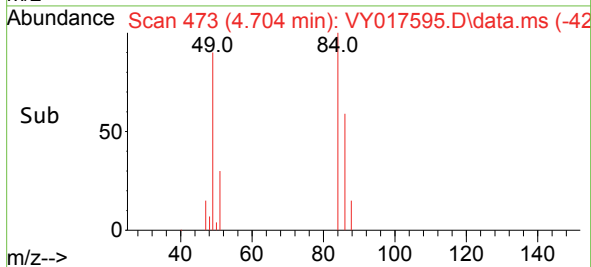
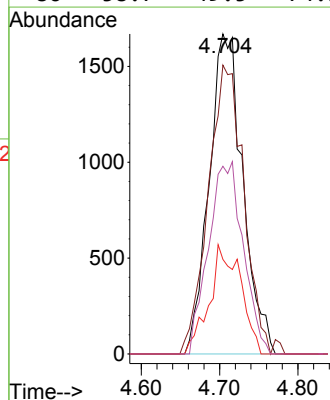
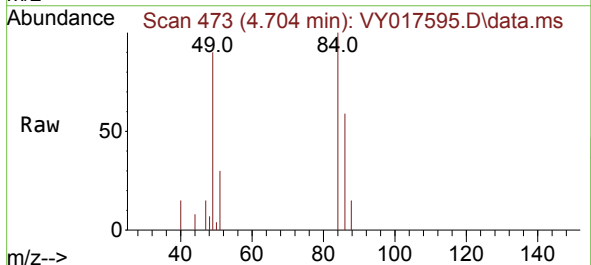
Ion Ratio Lower Upper

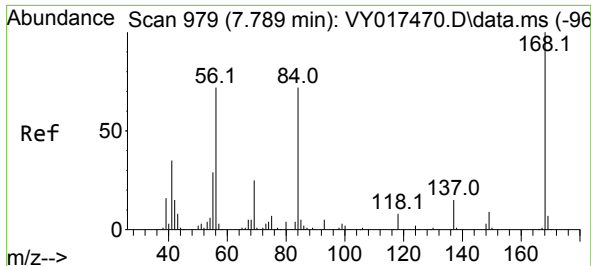
84 100

49 90.2 84.4 126.6

51 29.5 26.0 39.0

86 58.7 49.5 74.3

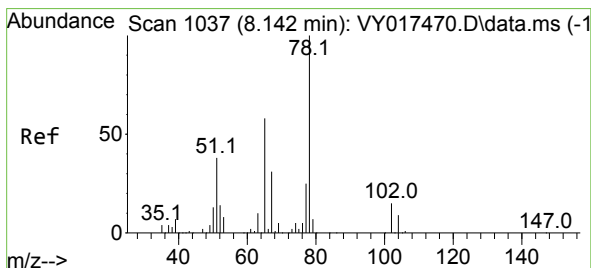
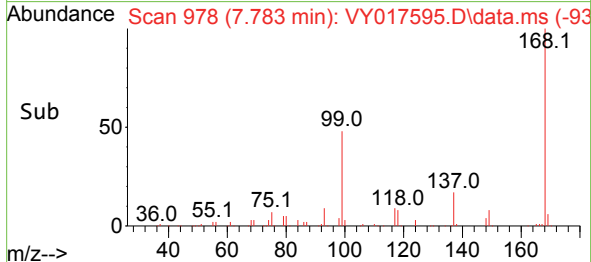
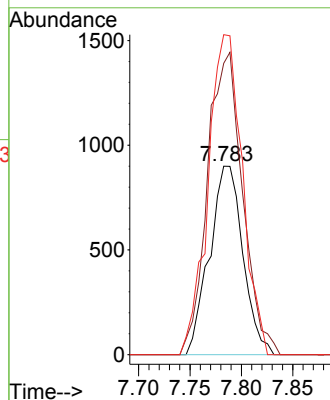
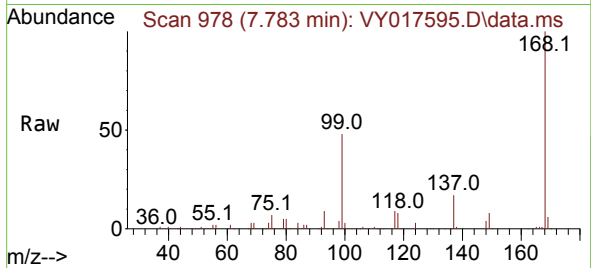




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

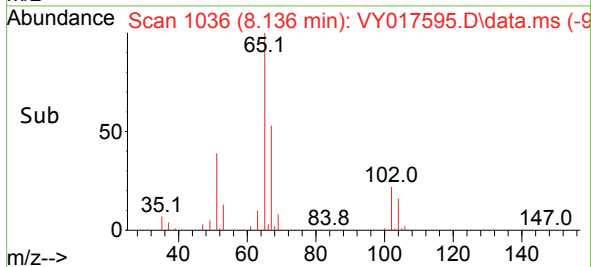
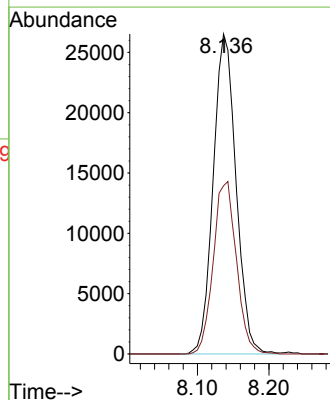
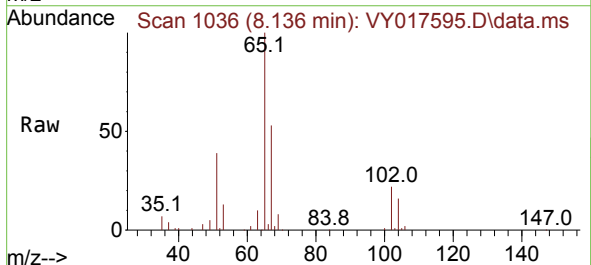
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

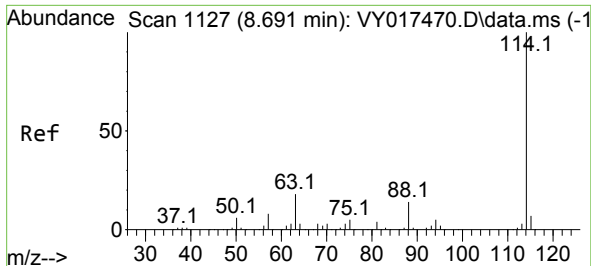
Tgt Ion: 56 Resp: 2034
Ion Ratio Lower Upper
56 100
69 154.6 28.7 43.1#
84 169.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.464 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 65 Resp: 58833
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

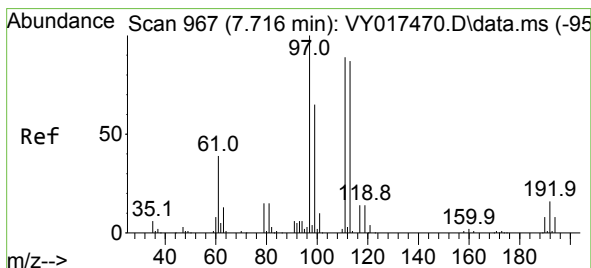
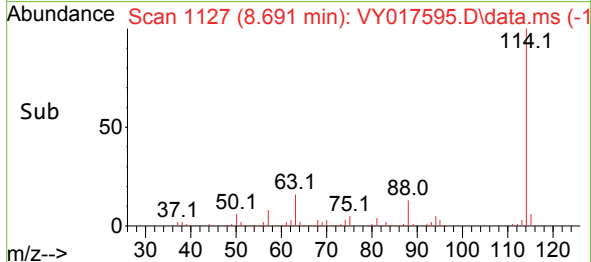
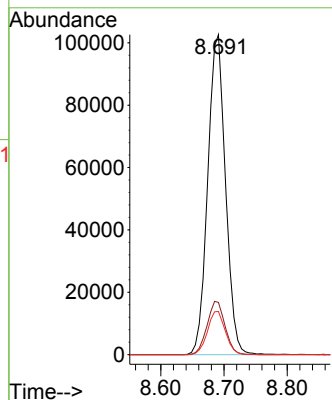
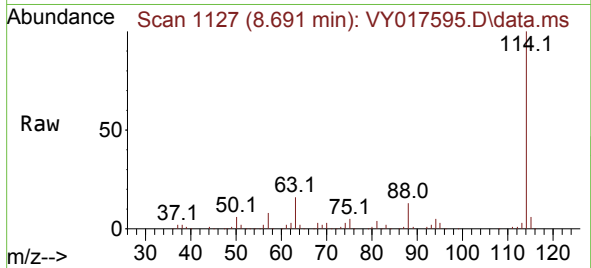




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

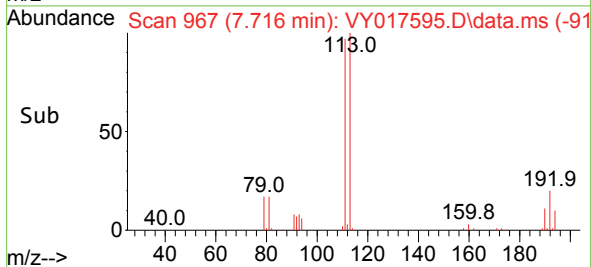
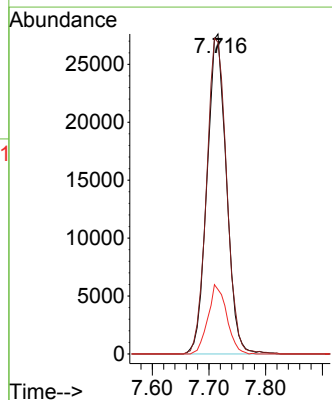
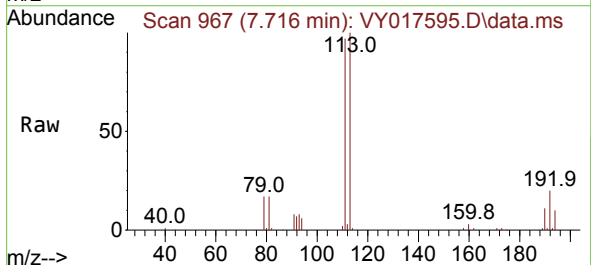
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

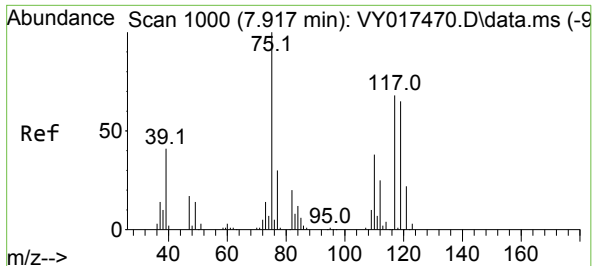
Tgt Ion:114 Resp: 200250
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.065 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion:113 Resp: 65675
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.9 15.9 23.9

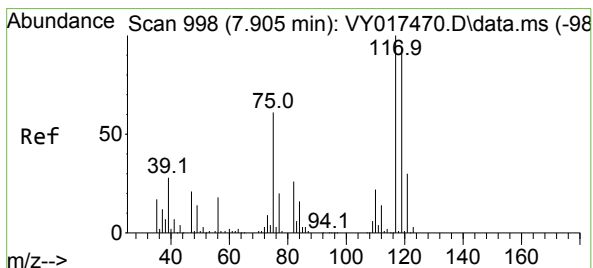
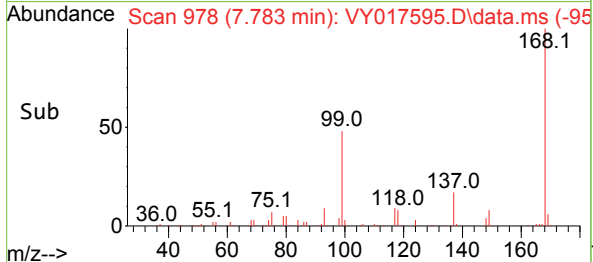
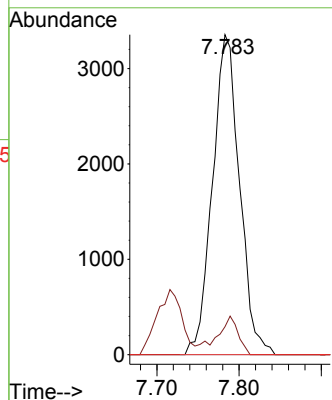
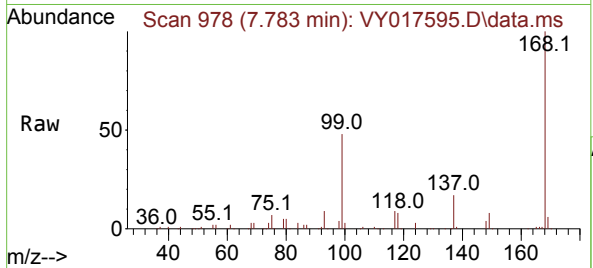




#36
1,1-Dichloropropene
Concen: 4.069 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

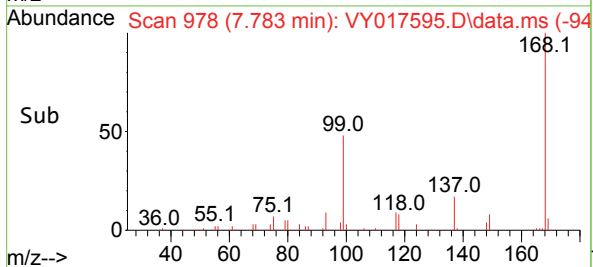
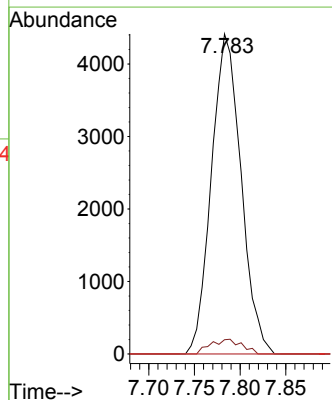
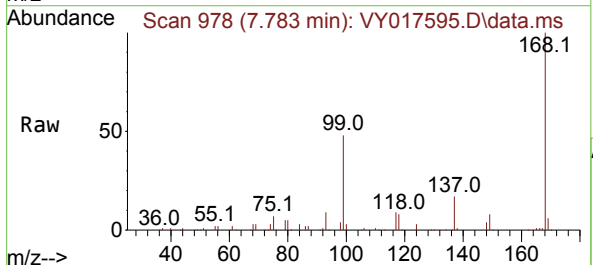
Instrument :
MSVOA_Y
ClientSampleId :
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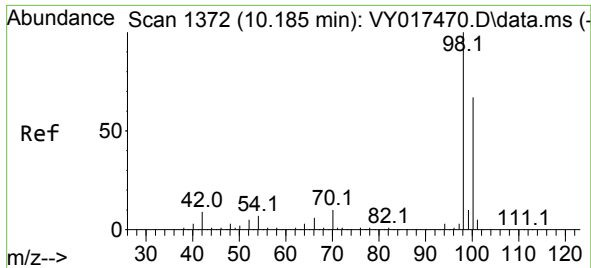
Tgt Ion: 75 Resp: 7660
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 117 Resp: 9950
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

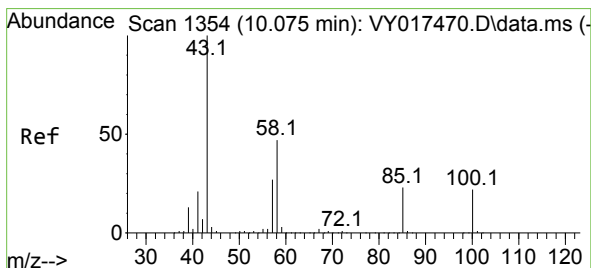
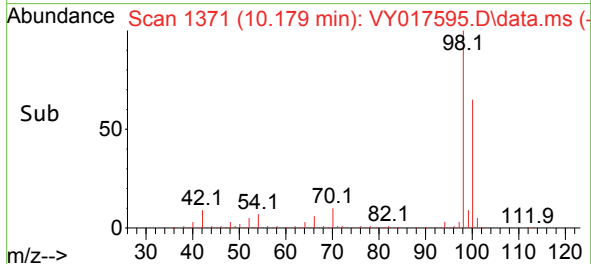
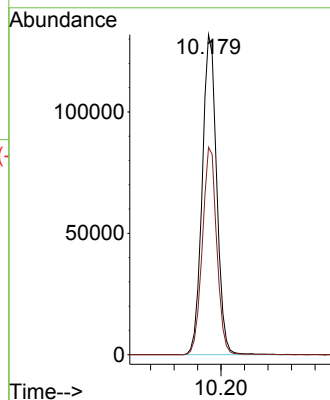
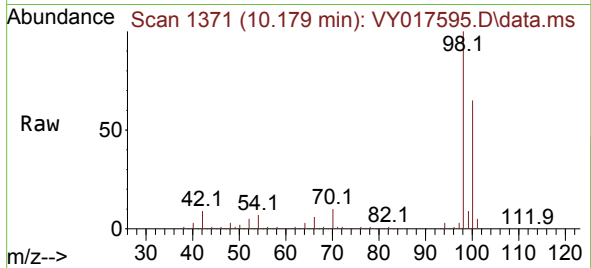




#50
Toluene-d8
Concen: 46.190 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

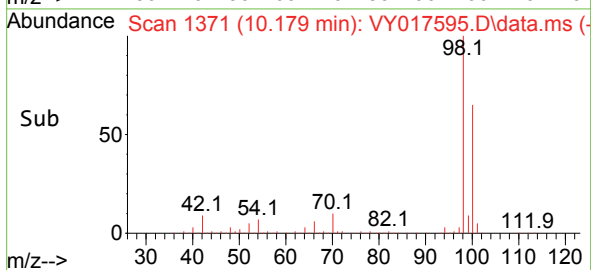
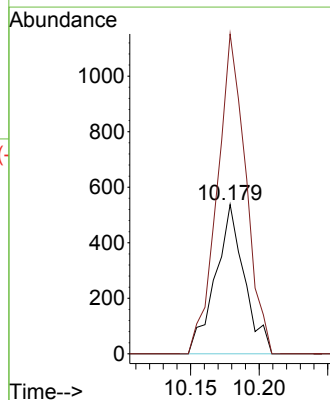
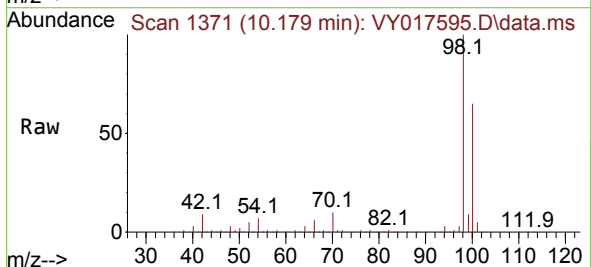
Instrument :
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ClientSampleId :
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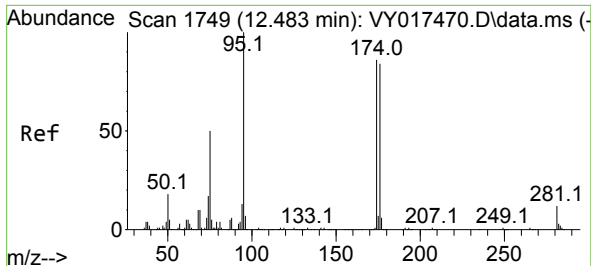
Tgt Ion: 98 Resp: 225354
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.081 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 212.8 35.7 53.5#

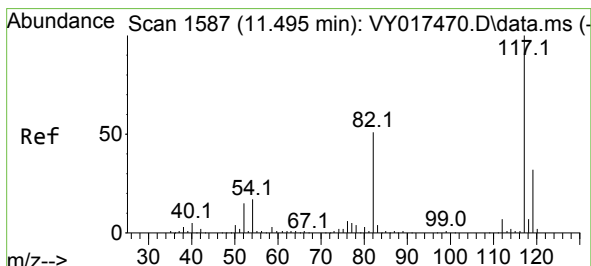
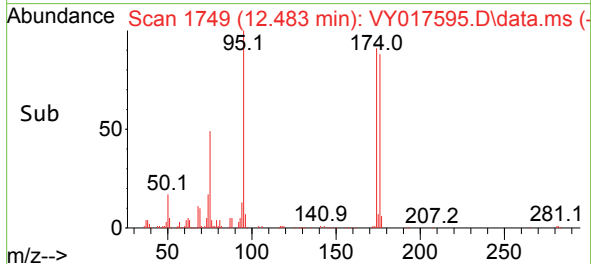
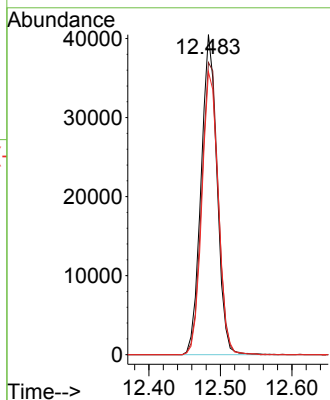
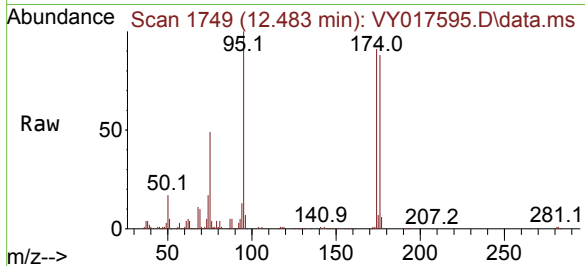




#62
4-Bromofluorobenzene
Concen: 40.823 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

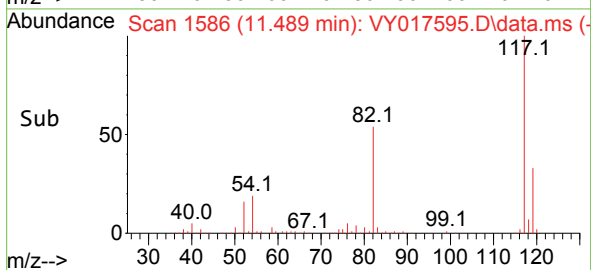
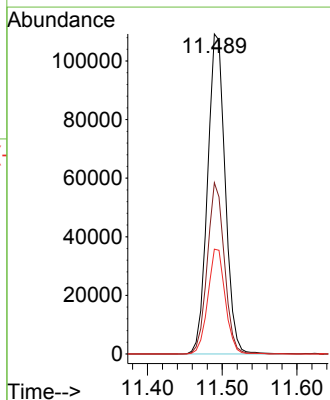
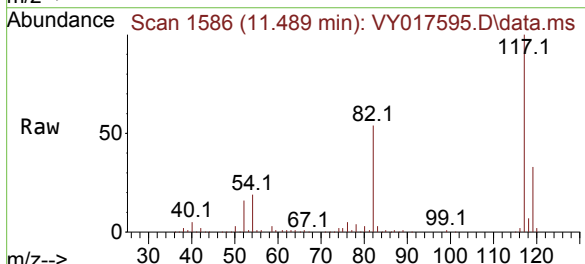
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

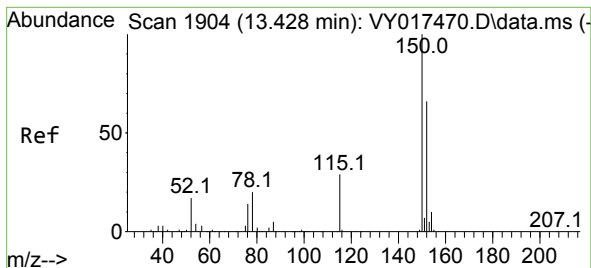
Tgt Ion: 95 Resp: 62594
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 91.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 117 Resp: 178832
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.7 25.9 38.9

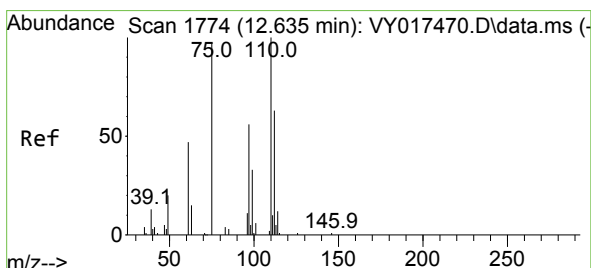
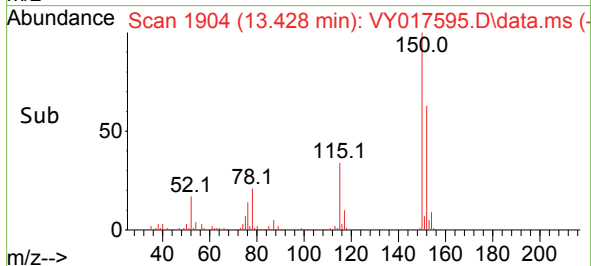
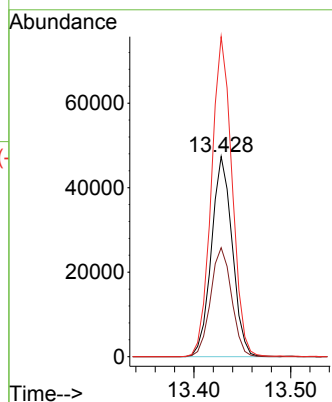
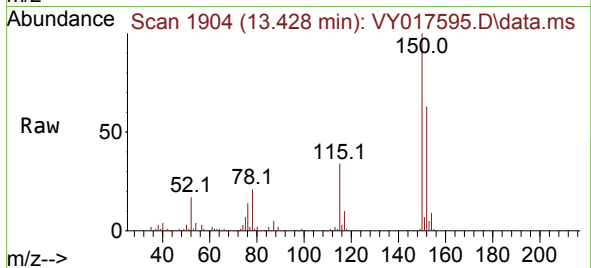




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017595.D
 Acq: 06 Mar 2024 17:26

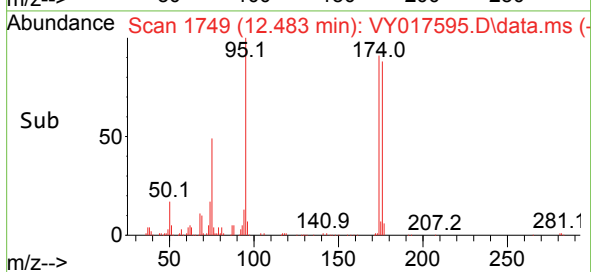
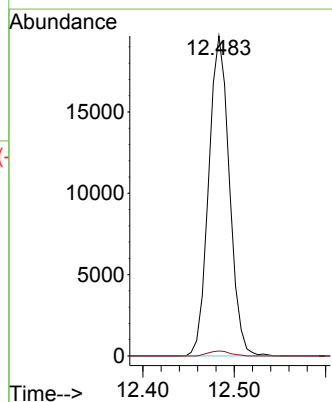
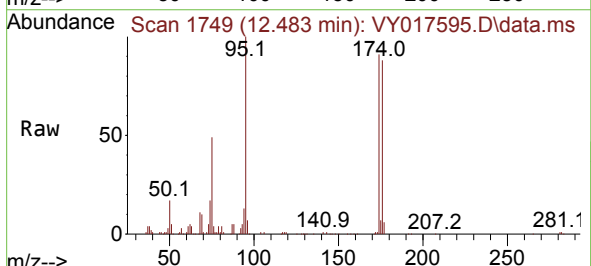
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

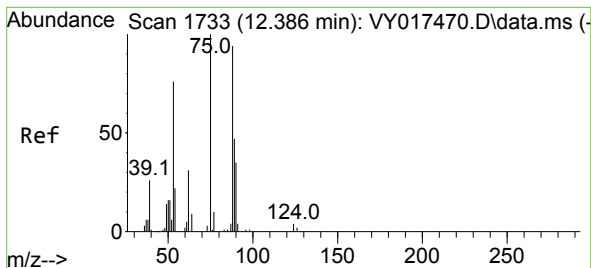
Tgt Ion:152 Resp: 70844
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 159.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.040 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017595.D
 Acq: 06 Mar 2024 17:26

Tgt Ion: 75 Resp: 30991
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

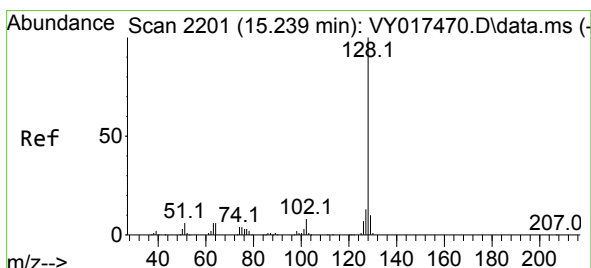
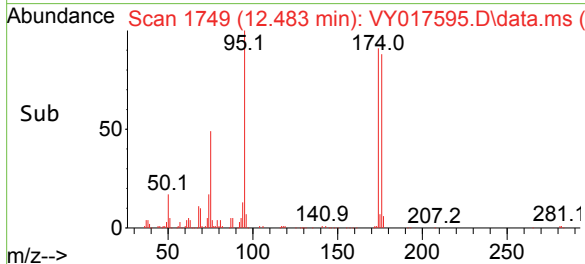
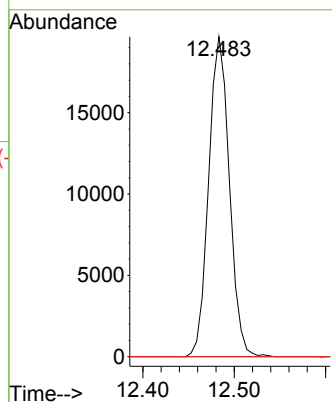
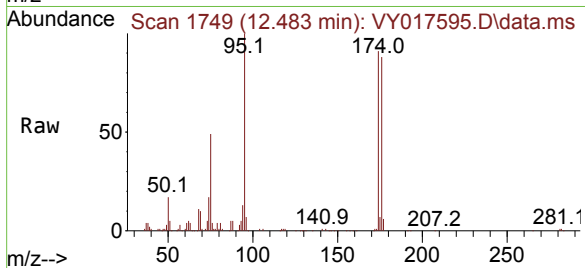




#81
trans-1,4-Dichloro-2-butene
Concen: 105.791 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

Tgt Ion: 75 Resp: 30991
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.008 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 128 Resp: 226
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

