

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017591.D
 Acq On : 06 Mar 2024 15:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 07 02:08:30 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)

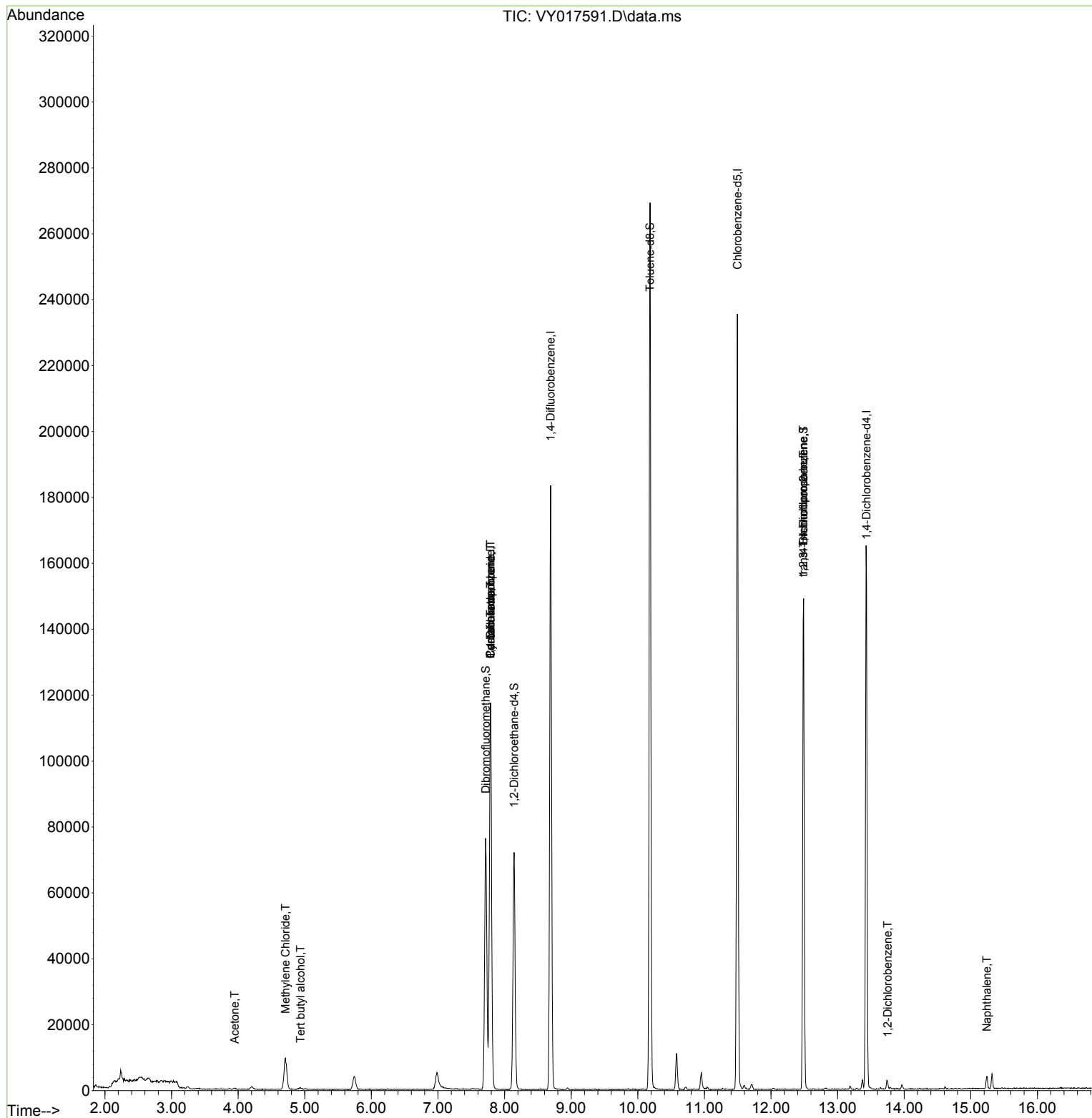
Internal Standards						
1) Pentafluorobenzene	7.789	168	98363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52801	56.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.280%			
35) Dibromofluoromethane	7.716	113	54155	47.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.860%			
50) Toluene-d8	10.185	98	181279	45.410	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.820%			
62) 4-Bromofluorobenzene	12.489	95	44285	35.299	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 70.600%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	713	9.004	ug/l #	88
16) Acetone	3.948	43	643	3.556	ug/l #	67
20) Methylene Chloride	4.710	84	7845	2.142	ug/l	93
31) Cyclohexane	7.789	56	1810	1.193	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	7060	4.583	ug/l #	48
38) Carbon Tetrachloride	7.789	117	8864	5.741	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	21284	48.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21284	110.878	ug/l #	16
91) 1,2-Dichlorobenzene	13.751	146	1511	1.066	ug/l	96
95) Naphthalene	15.239	128	3668	6.244	ug/l	98

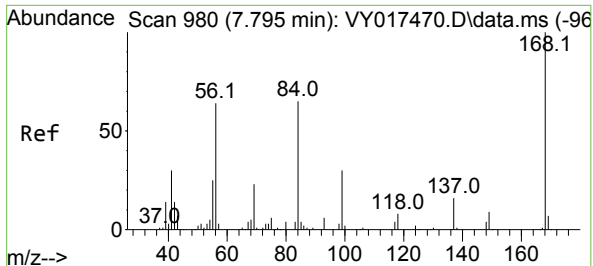
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

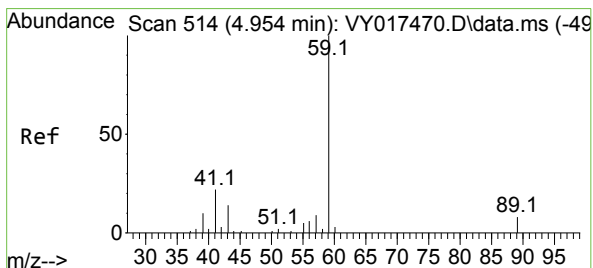
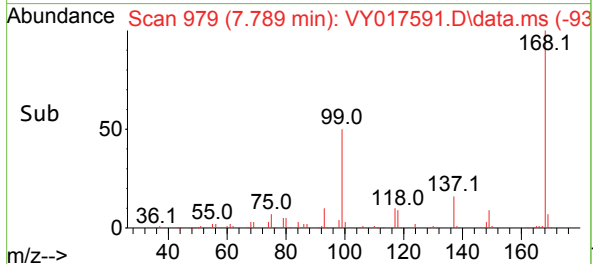
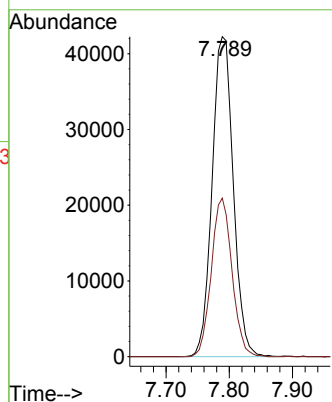
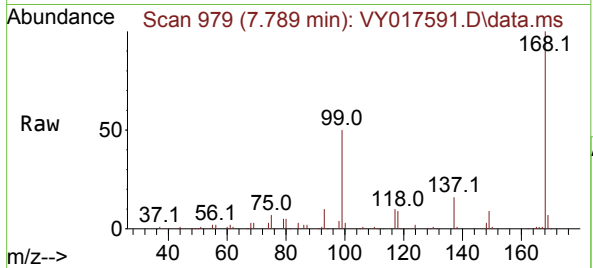




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

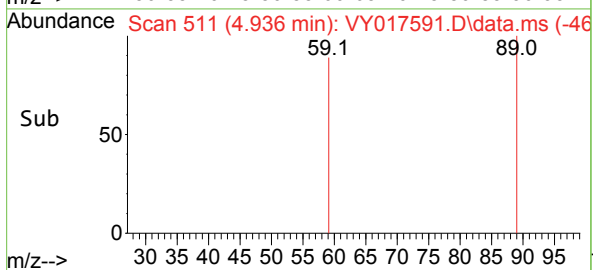
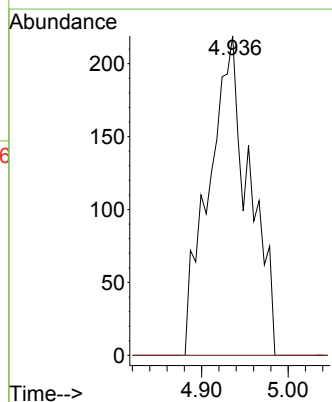
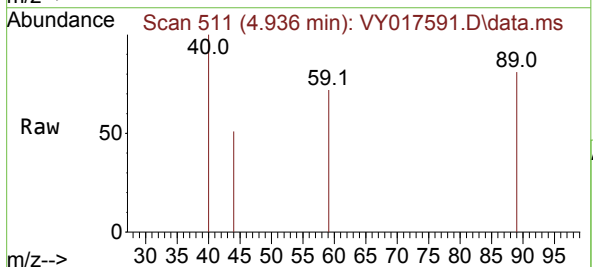
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

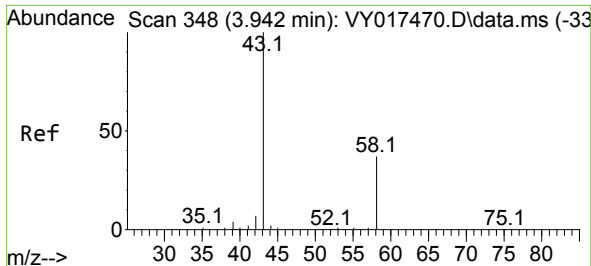
Tgt Ion:168 Resp: 98363
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 9.004 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.556 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

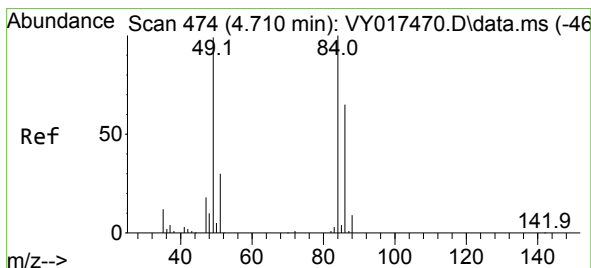
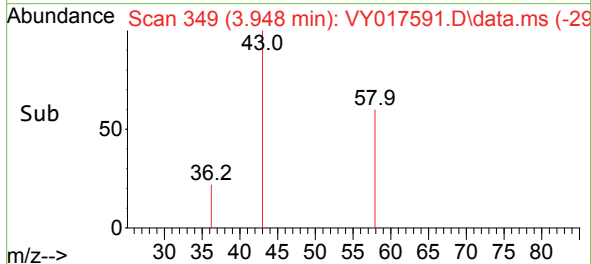
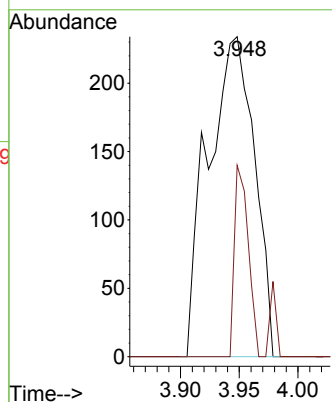
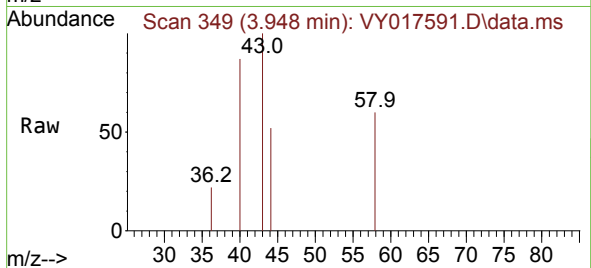
VIBLK

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

58 59.8 31.7 47.5#



#20

Methylene Chloride

Concen: 2.142 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

Tgt Ion: 84 Resp: 7845

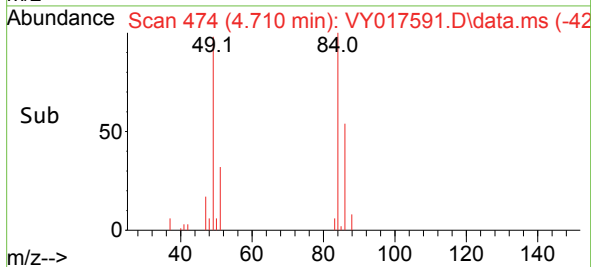
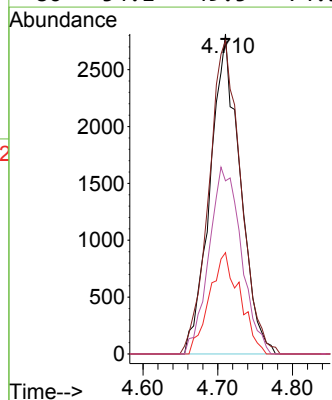
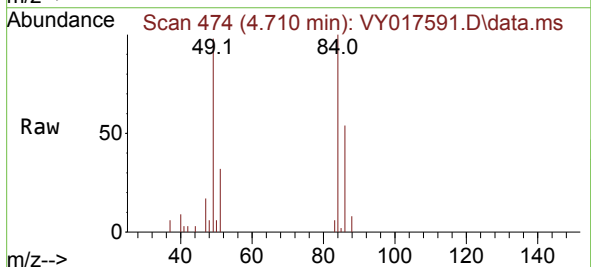
Ion Ratio Lower Upper

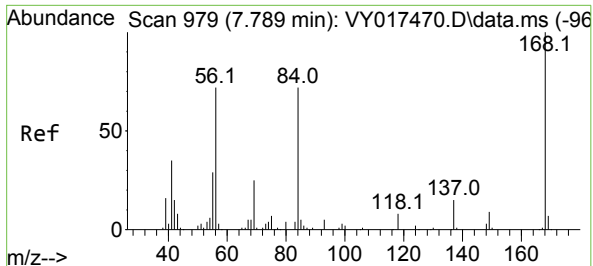
84 100

49 98.0 84.4 126.6

51 31.7 26.0 39.0

86 54.1 49.5 74.3

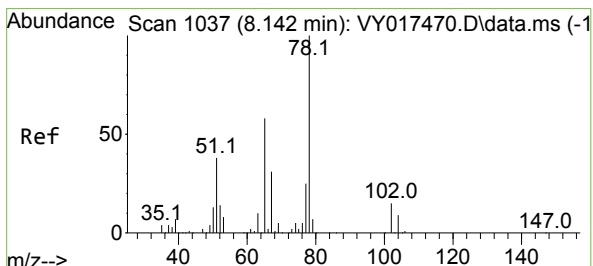
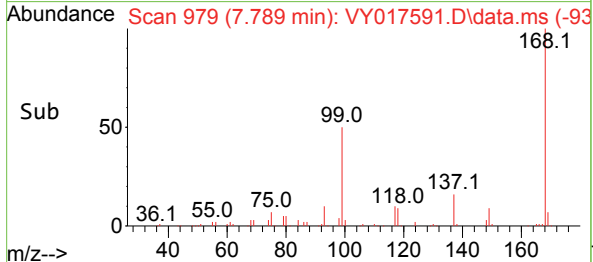
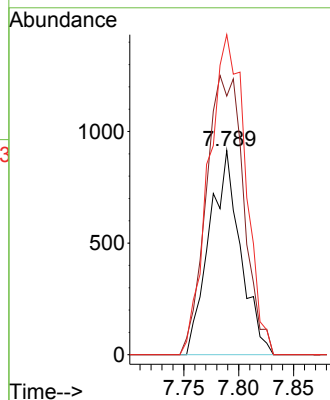
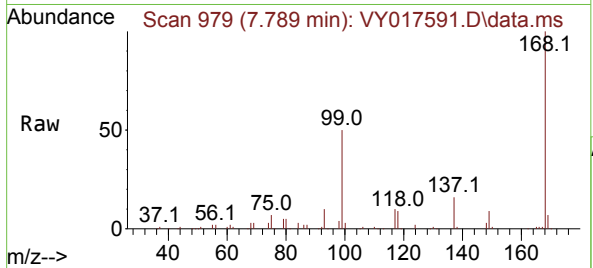




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

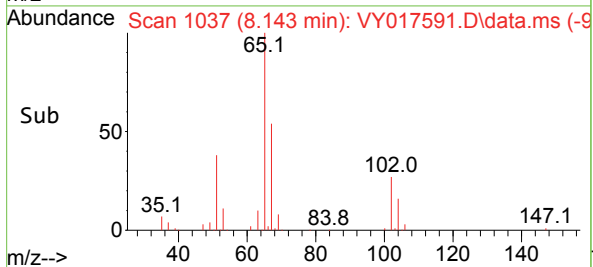
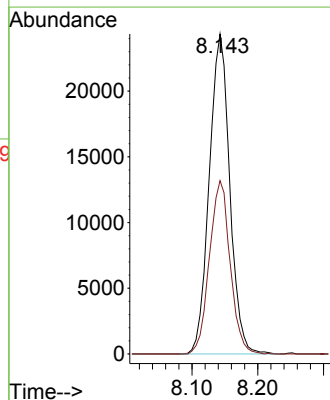
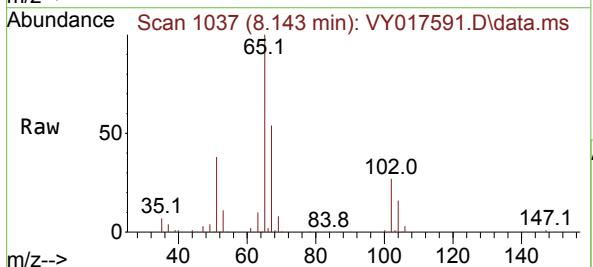
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

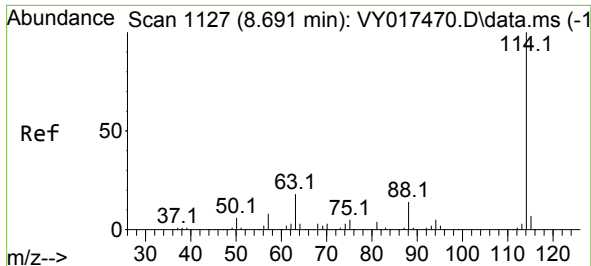
Tgt Ion: 56 Resp: 1810
Ion Ratio Lower Upper
56 100
69 126.7 28.7 43.1#
84 156.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.640 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 65 Resp: 52801
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6

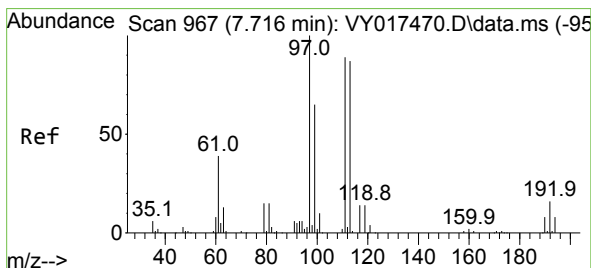
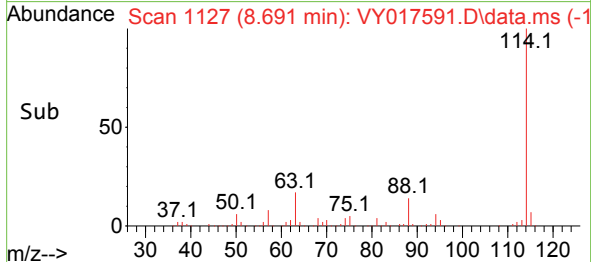
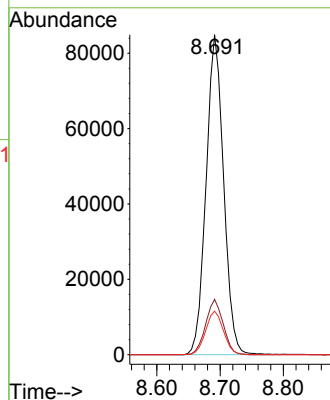
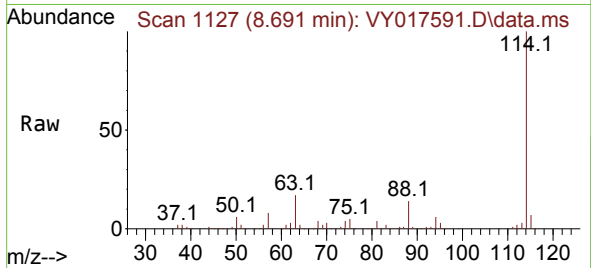




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

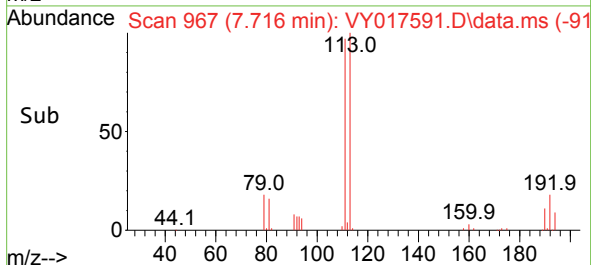
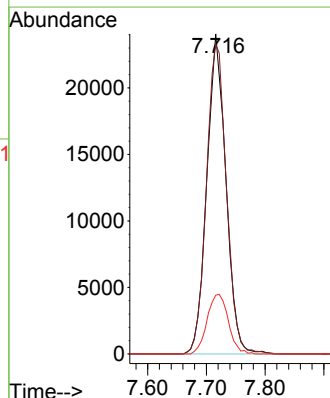
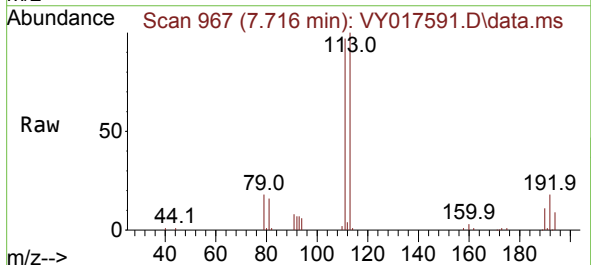
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

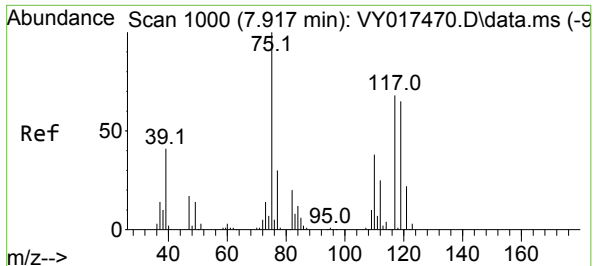
Tgt Ion:114 Resp: 163850
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.431 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion:113 Resp: 54155
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 20.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.583 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

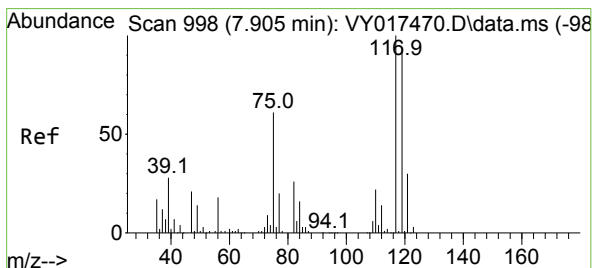
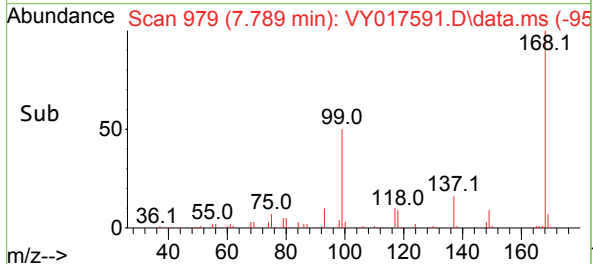
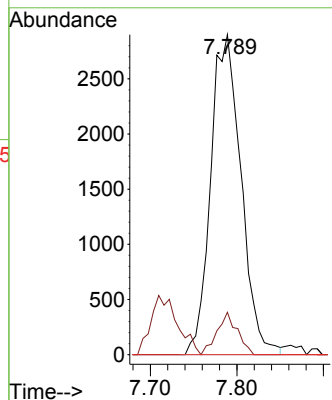
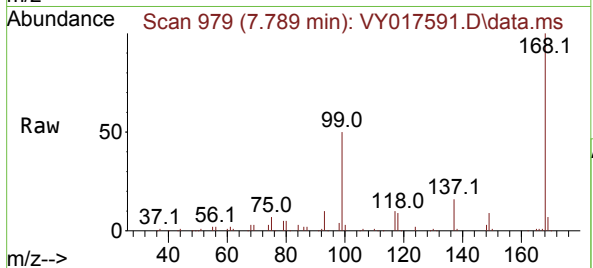
Tgt Ion: 75 Resp: 7060

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

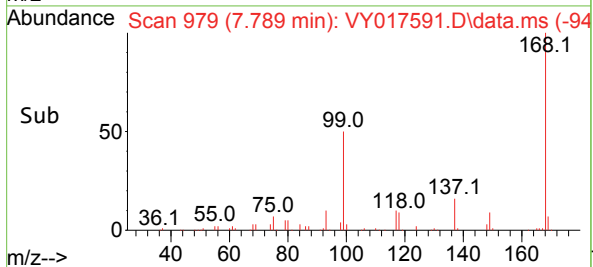
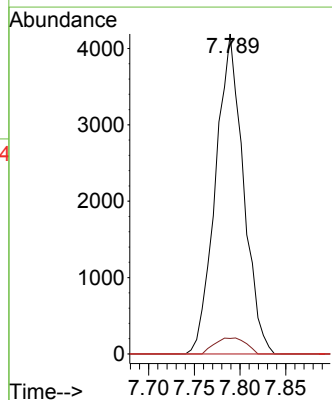
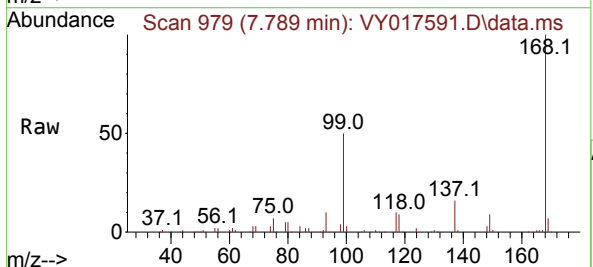
Tgt Ion: 117 Resp: 8864

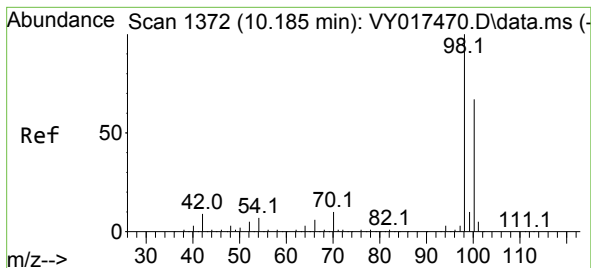
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#

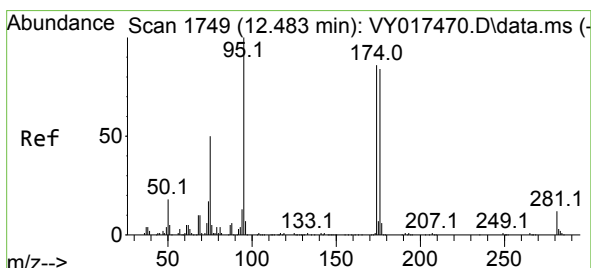
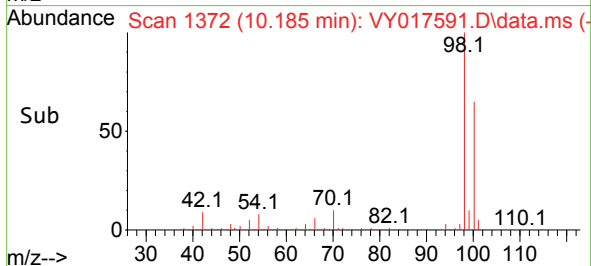
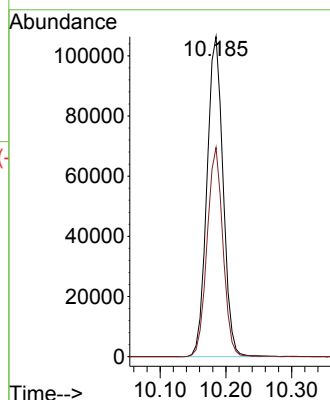
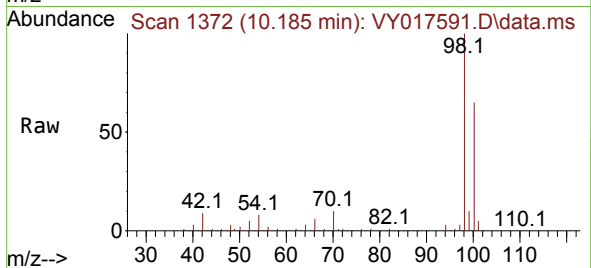




#50
Toluene-d8
Concen: 45.410 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

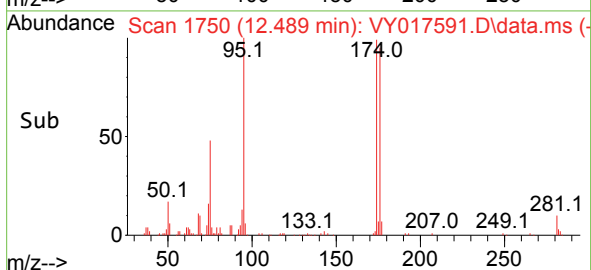
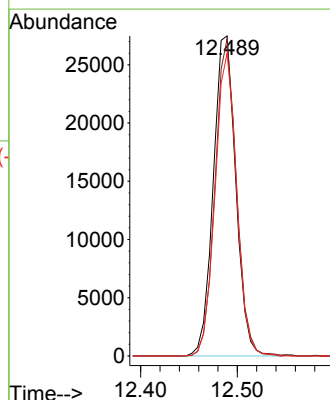
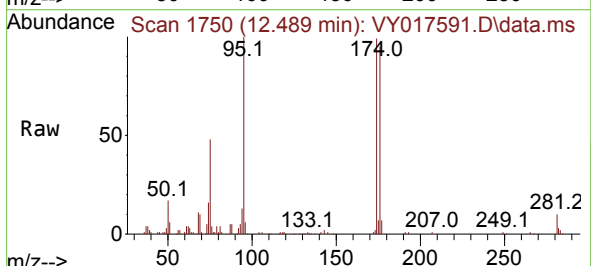
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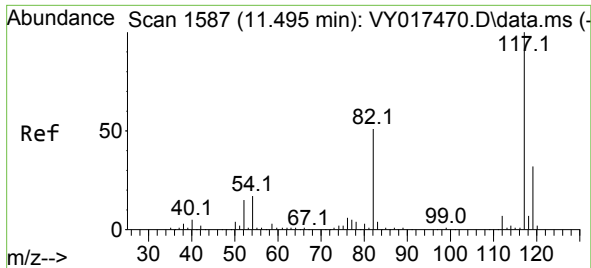
Tgt Ion: 98 Resp: 181279
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.299 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 95 Resp: 44285
Ion Ratio Lower Upper
95 100
174 94.5 0.0 175.6
176 90.8 0.0 171.4

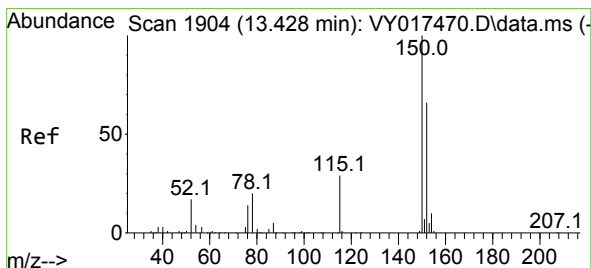
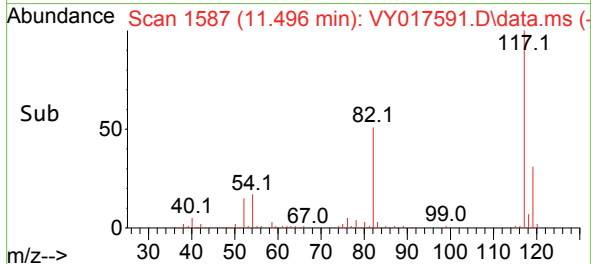
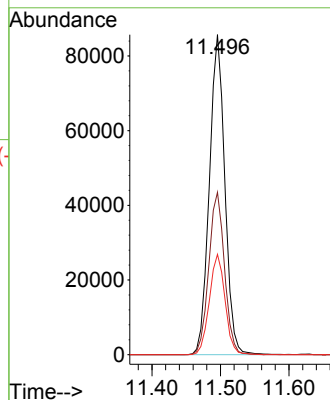
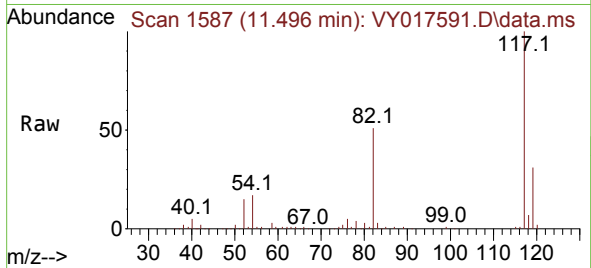




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

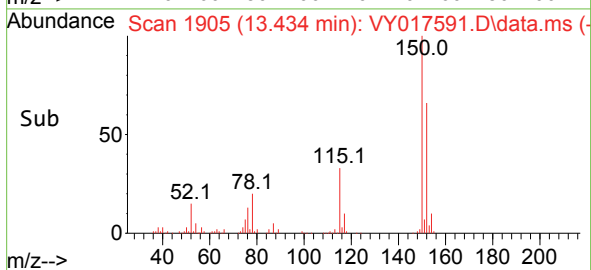
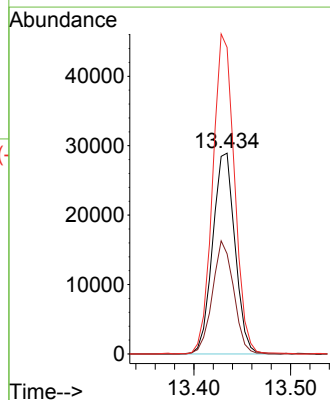
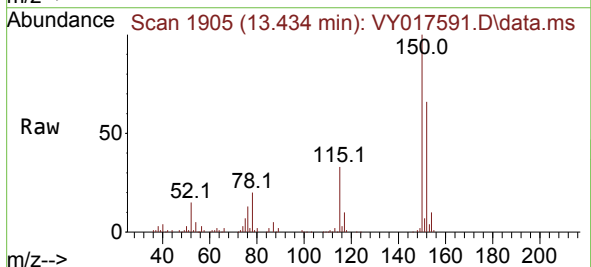
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

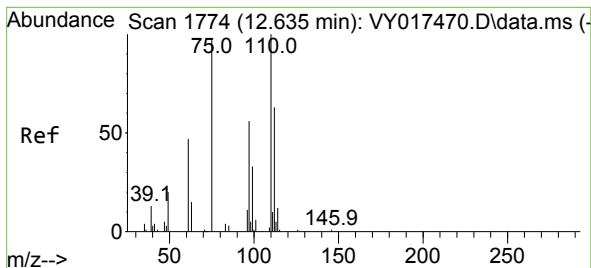
Tgt Ion:117 Resp: 134956
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion:152 Resp: 46422
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 155.4 0.0 345.6

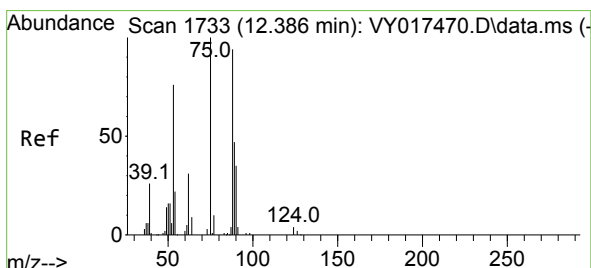
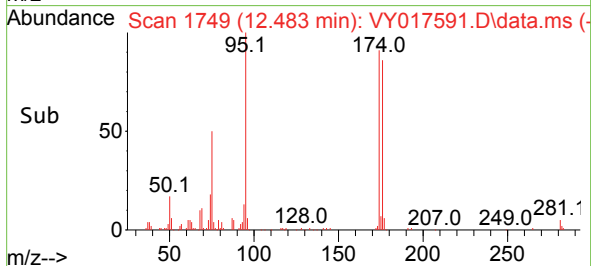
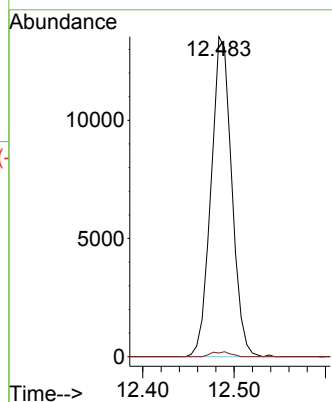
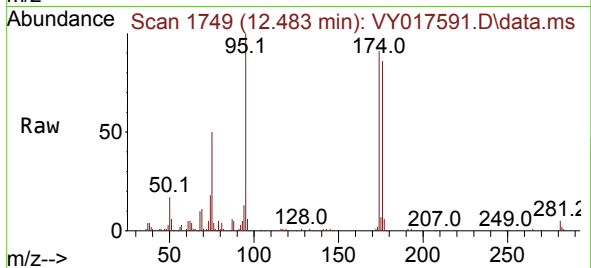




#76
1,2,3-Trichloropropane
Concen: 48.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

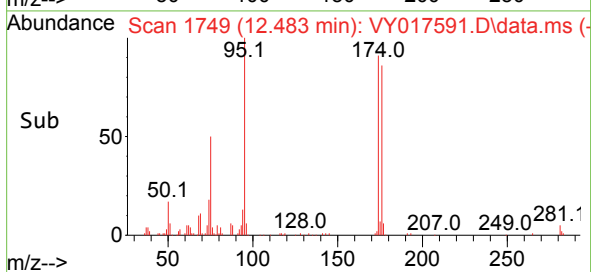
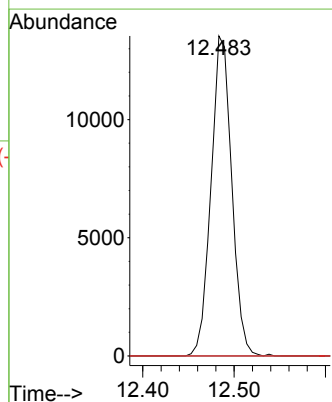
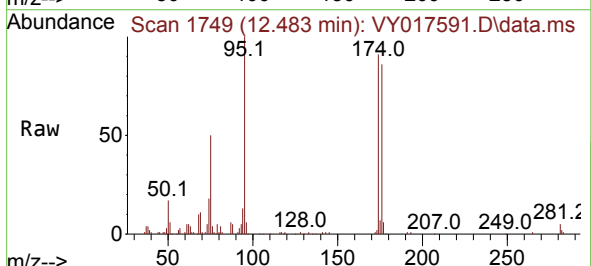
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

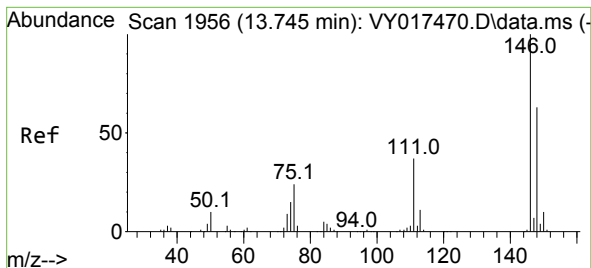
Tgt Ion: 75 Resp: 21284
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 75 Resp: 21284
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

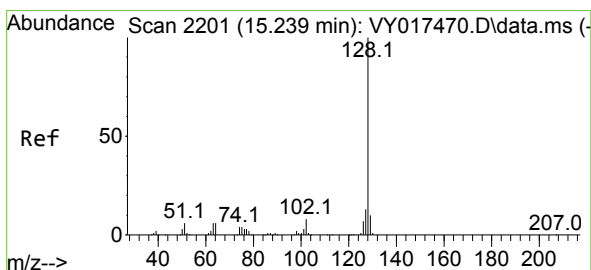
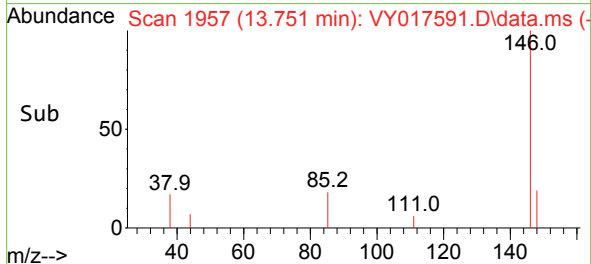
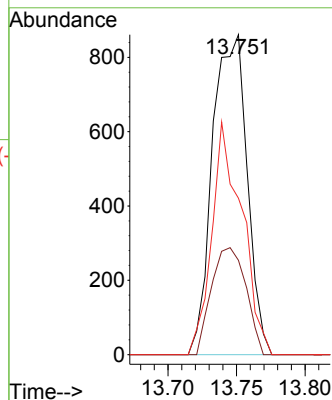
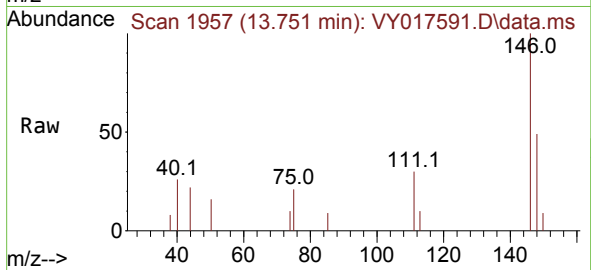




#91
1,2-Dichlorobenzene
Concen: 1.066 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 1511
Ion Ratio Lower Upper
146 100
111 33.4 19.9 59.7
148 63.2 31.8 95.4



#95
Naphthalene
Concen: 6.244 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion:128 Resp: 3668
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 12.9 8.6 13.0

