

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016259.D
 Acq On : 08 Nov 2023 12:06
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 00:56:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

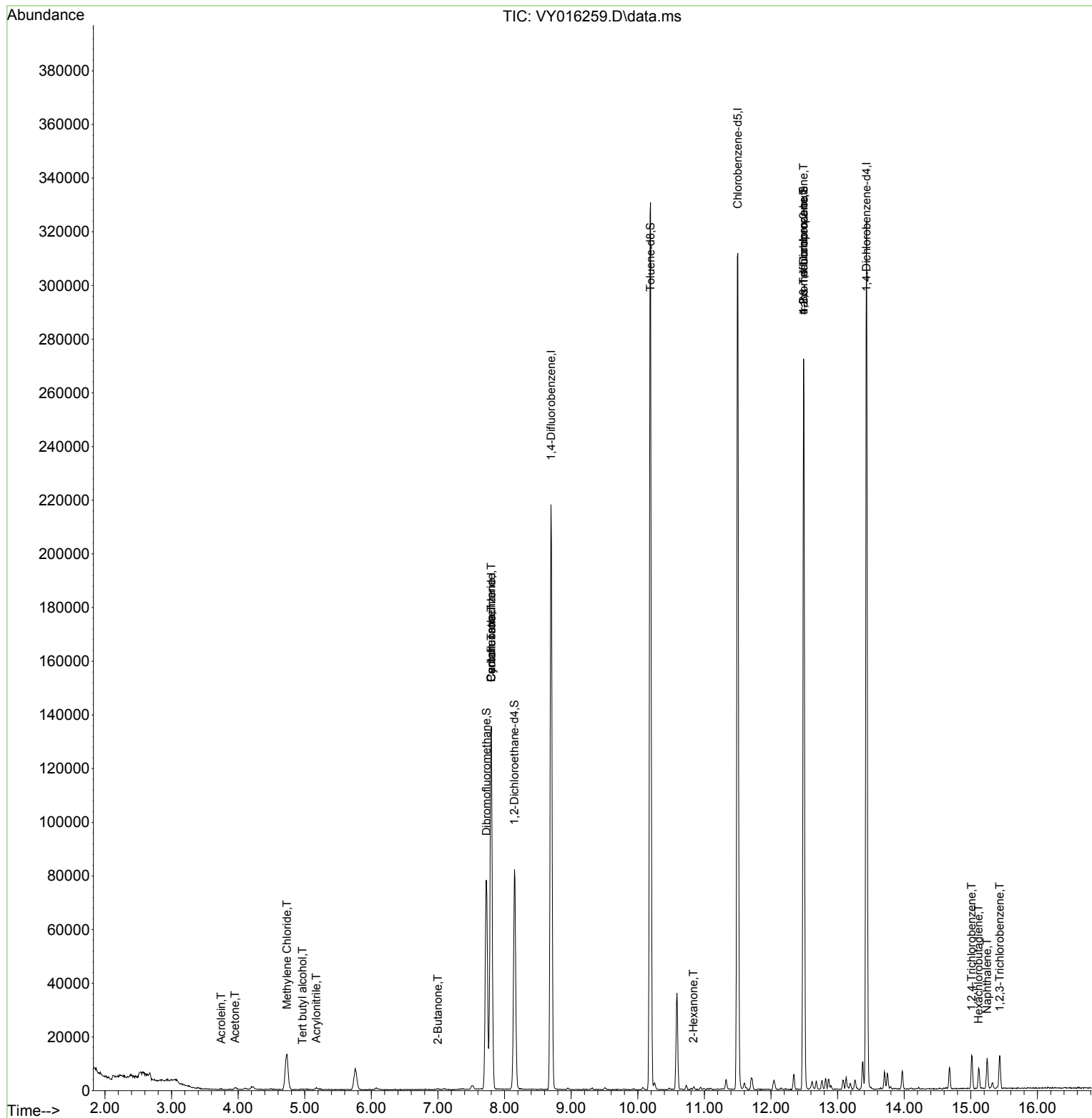
Internal Standards						
1) Pentafluorobenzene	7.801	168	108892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63602	63.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.820%	
35) Dibromofluoromethane	7.728	113	58183	53.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.200%	
50) Toluene-d8	10.191	98	224960	51.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.489	95	78266	54.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.500%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	262	3.362	ug/l #	89
13) Acrolein	3.747	56	157	1.670	ug/l #	74
15) Acrylonitrile	5.174	53	782	3.375	ug/l #	54
16) Acetone	3.954	43	1229	7.466	ug/l #	70
20) Methylene Chloride	4.735	84	10472	5.937	ug/l #	87
25) 2-Butanone	6.997	43	482	1.672	ug/l #	49
31) Cyclohexane	7.801	56	2331	1.190	ug/l #	1
38) Carbon Tetrachloride	7.801	117	10767	5.504	ug/l #	16
59) 2-Hexanone	10.837	43	882	1.593	ug/l	99
76) 1,2,3-Trichloropropane	12.489	75	41005	50.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	41005	110.281	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.013	180	4401	2.970	ug/l	96
94) Hexachlorobutadiene	15.117	225	1400	1.649	ug/l	96
95) Naphthalene	15.245	128	9330	3.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	3998	3.262	ug/l	97

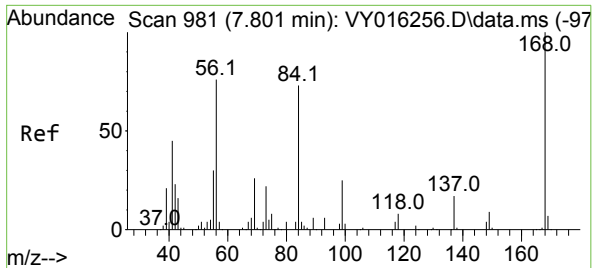
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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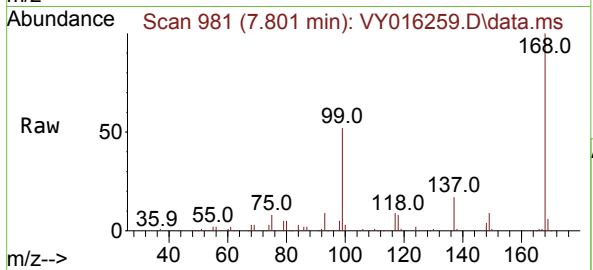
Quant Time: Nov 09 00:56:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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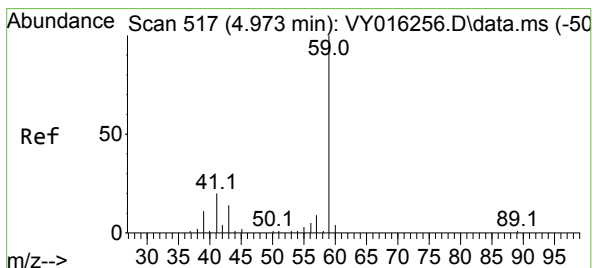
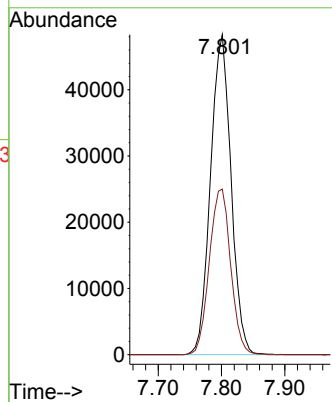
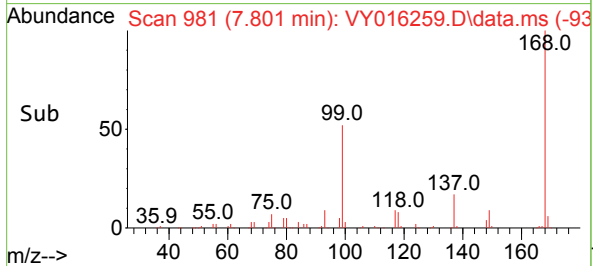


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

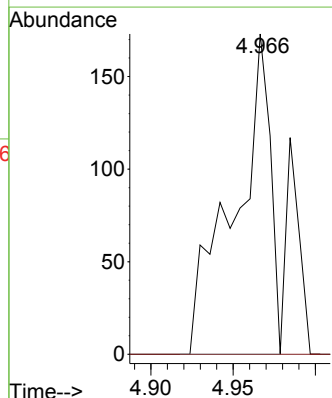
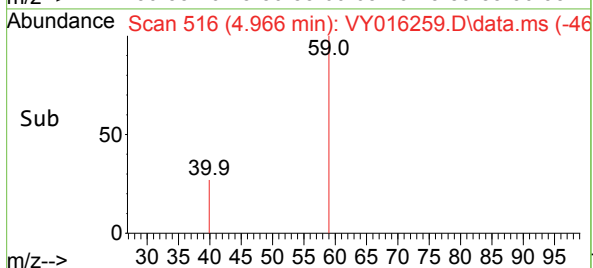
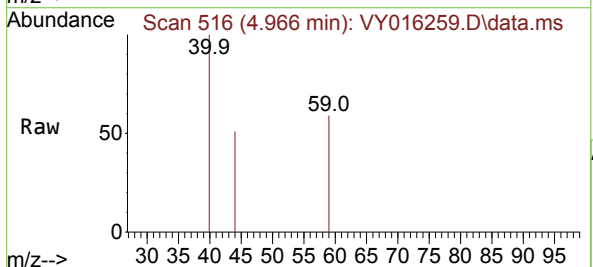


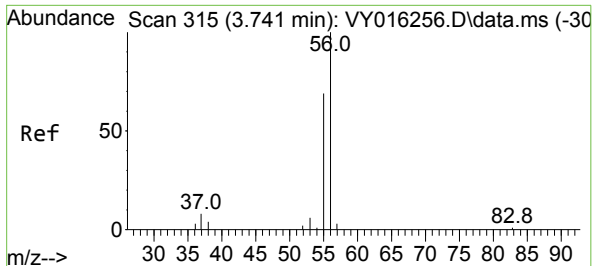
Tgt Ion:168 Resp: 108892
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.362 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

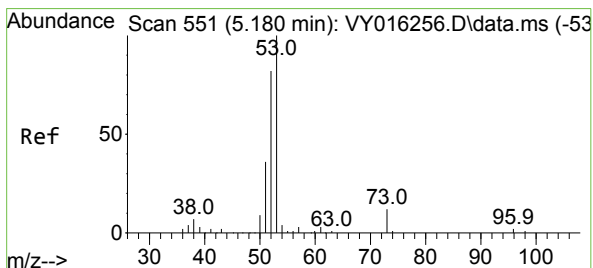
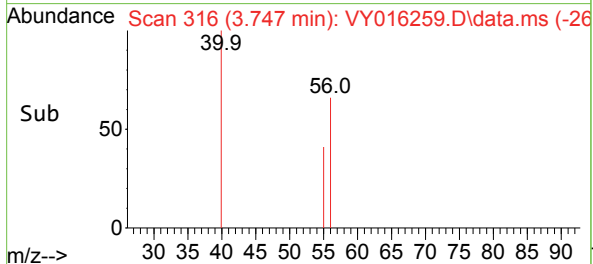
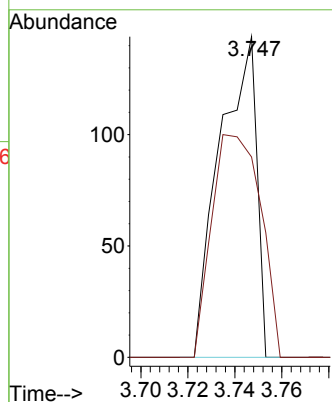
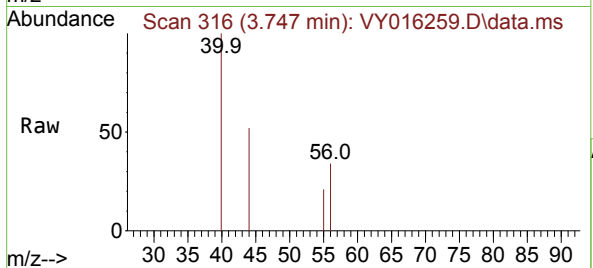




#13
Acrolein
Concen: 1.670 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

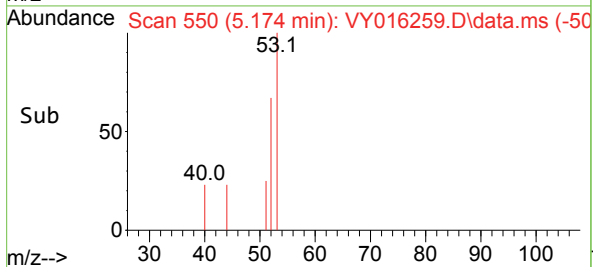
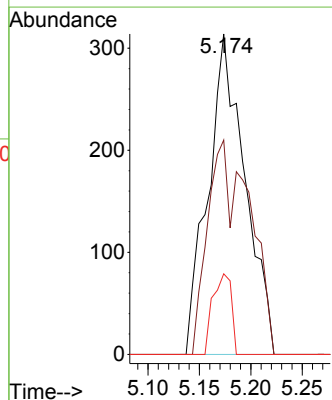
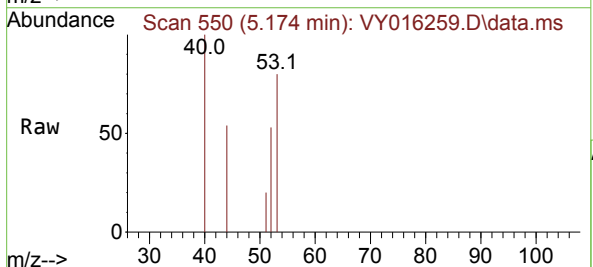
Instrument :
MSVOA_Y
ClientSampleId :

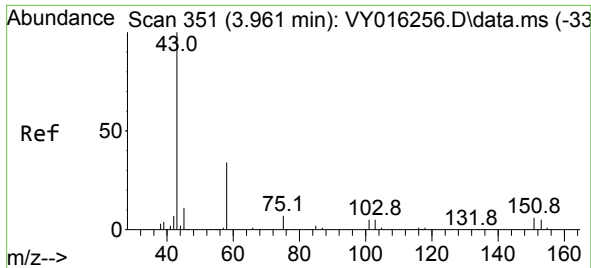
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 92.4 57.0 85.4#



#15
Acrylonitrile
Concen: 3.375 ug/l
RT: 5.174 min Scan# 550
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 53 Resp: 782
Ion Ratio Lower Upper
53 100
52 40.0 66.9 100.3#
51 12.5 29.8 44.6#





#16

Acetone

Concen: 7.466 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

Instrument :

MSVOA_Y

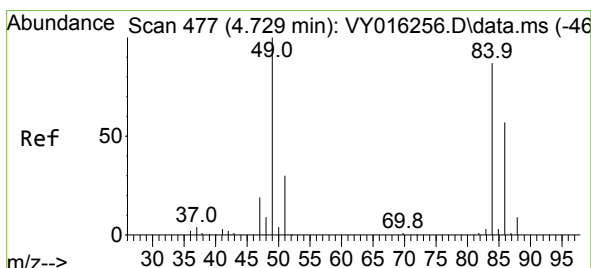
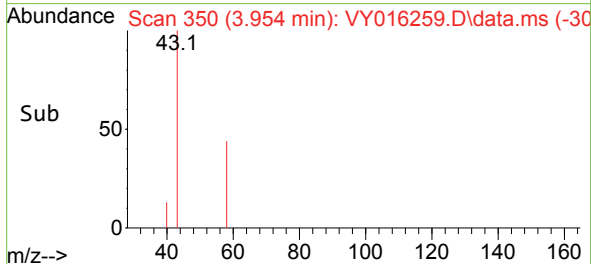
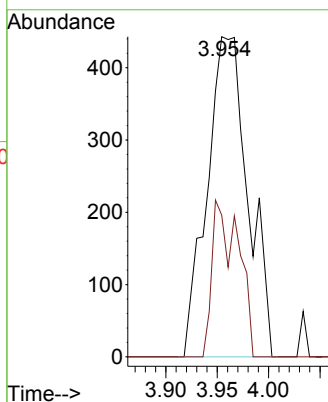
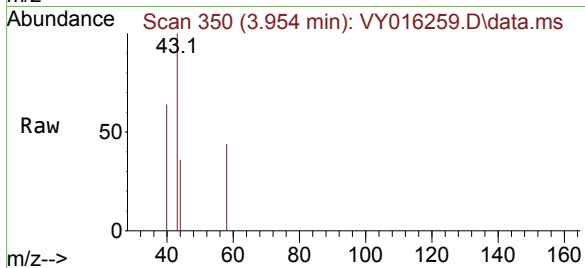
ClientSampleId :

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 44.2 22.7 34.1#



#20

Methylene Chloride

Concen: 5.937 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

Tgt Ion: 84 Resp: 10472

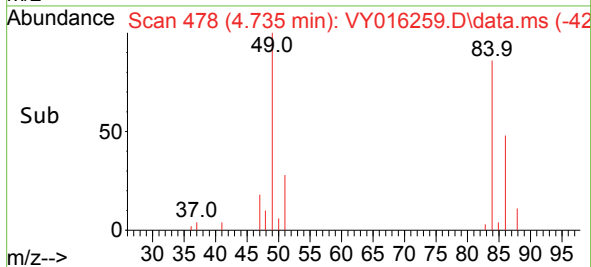
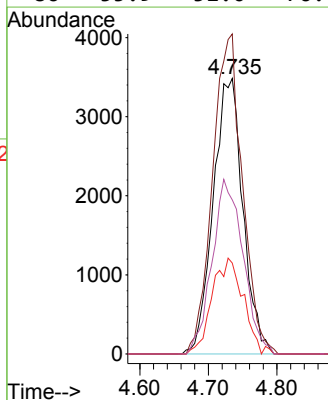
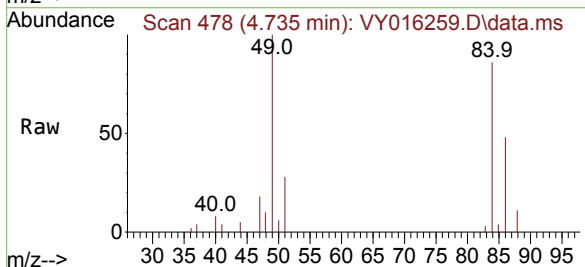
Ion Ratio Lower Upper

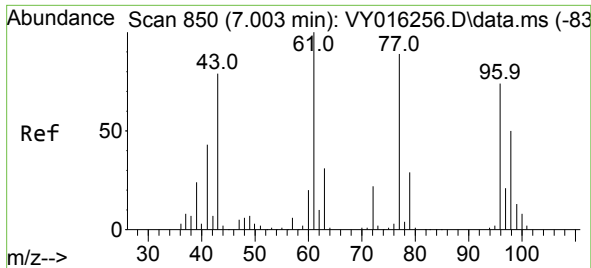
84 100

49 116.2 106.9 160.3

51 33.0 33.2 49.8#

86 55.9 51.0 76.6

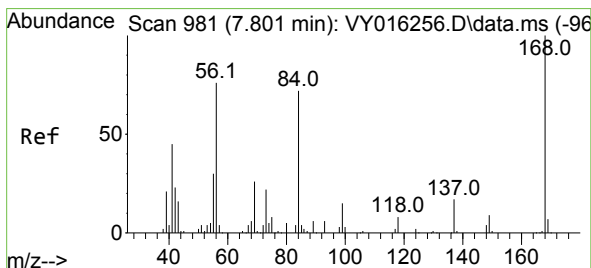
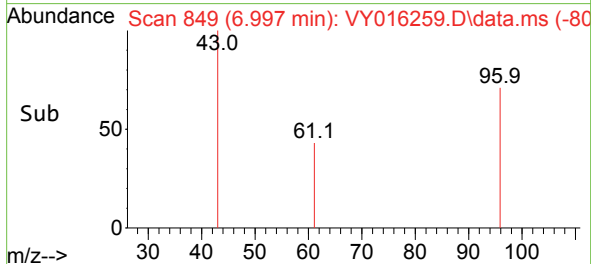
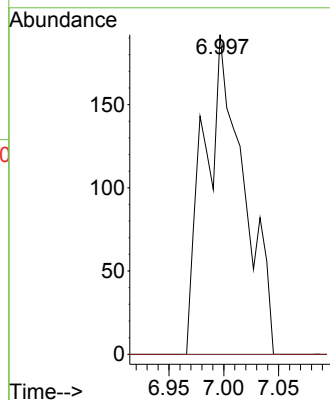
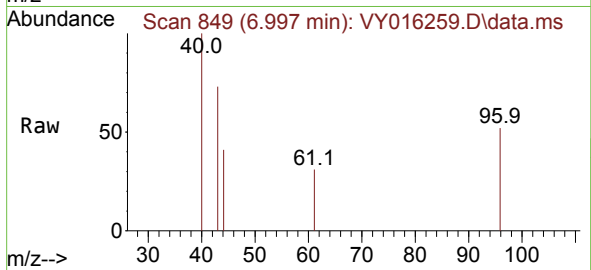




#25
2-Butanone
Concen: 1.672 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

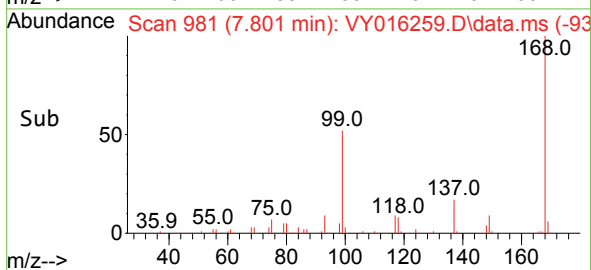
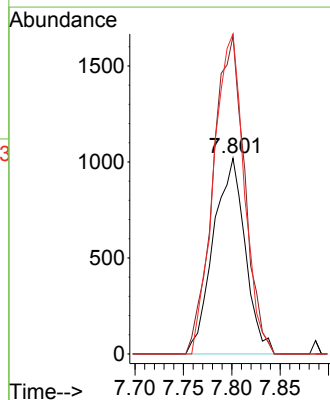
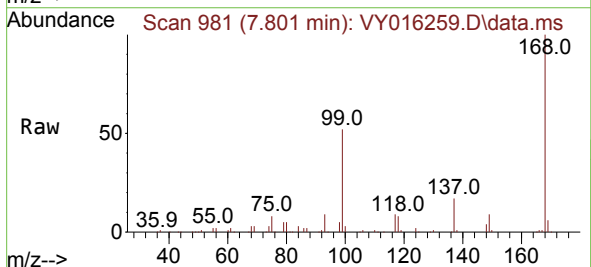
Instrument :
MSVOA_Y
ClientSampleId :

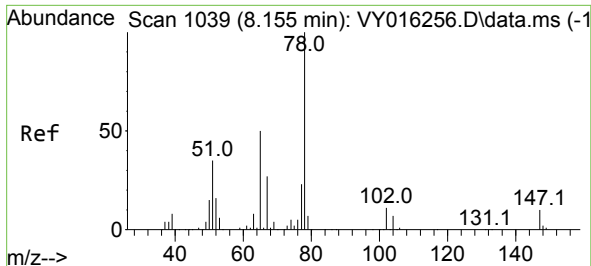
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 56 Resp: 2331
Ion Ratio Lower Upper
56 100
69 162.4 27.8 41.6#
84 163.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 63.907 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

Instrument :

MSVOA_Y

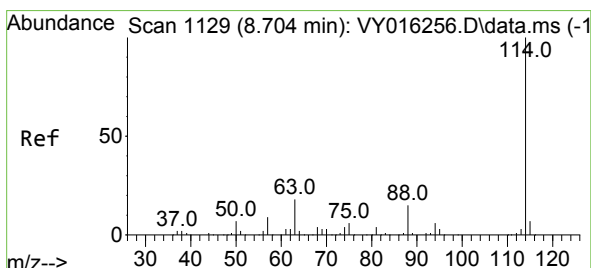
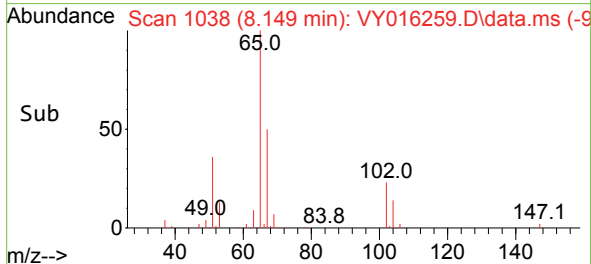
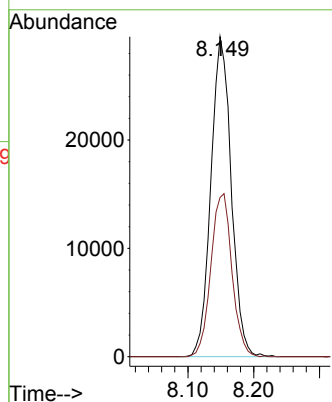
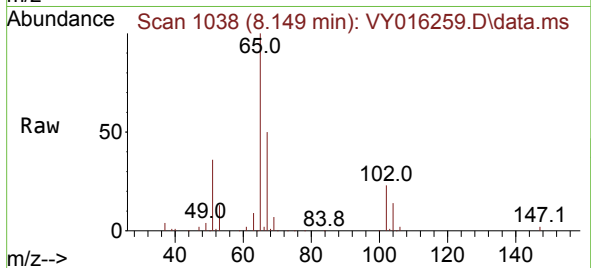
ClientSampleId :

Tgt Ion: 65 Resp: 63602

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

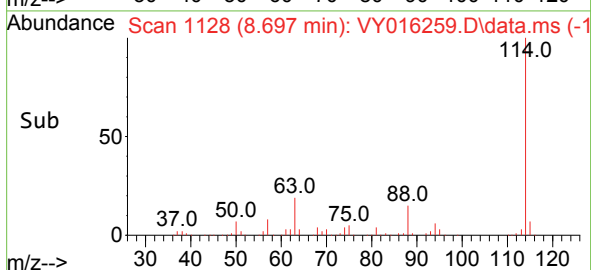
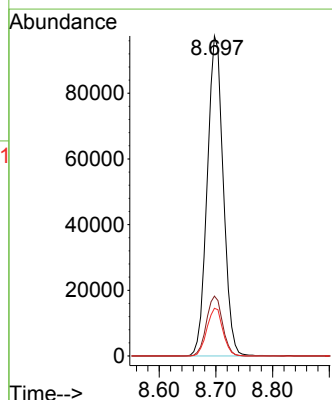
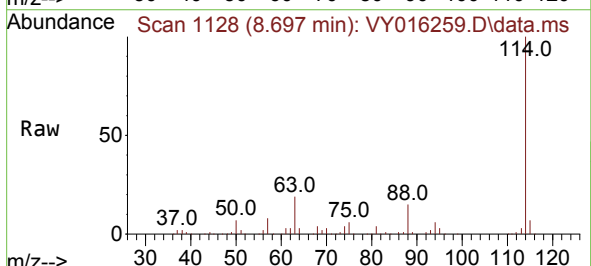
Tgt Ion: 114 Resp: 191080

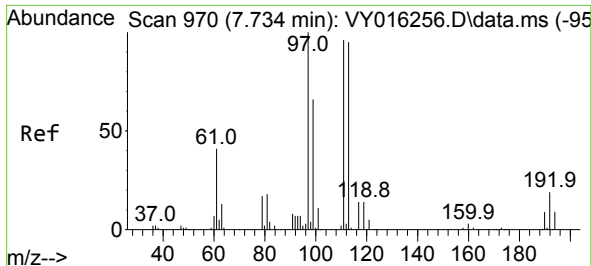
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

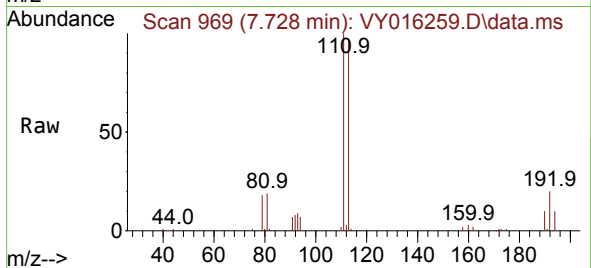
88 14.9 0.0 30.6



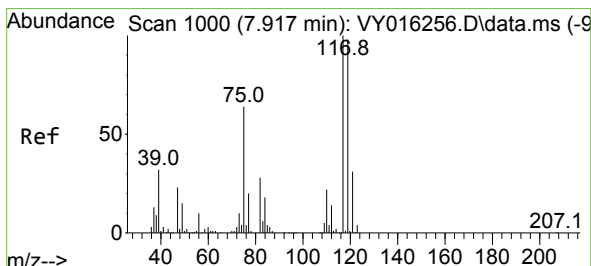
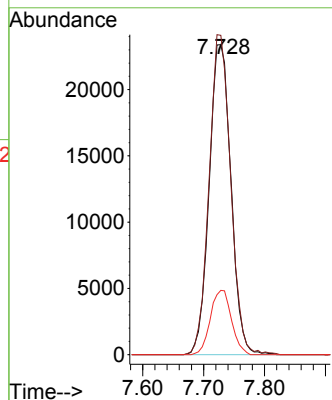
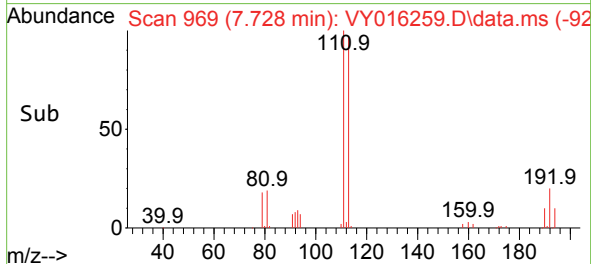


#35
Dibromofluoromethane
Concen: 53.602 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

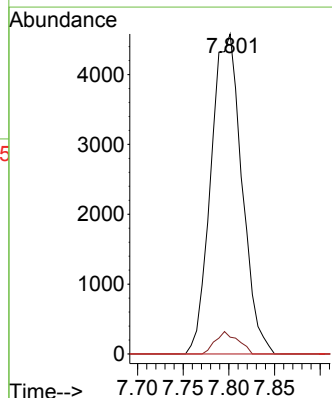
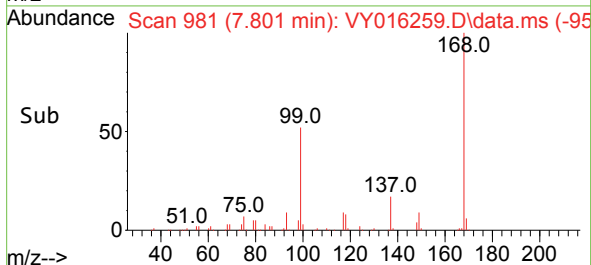
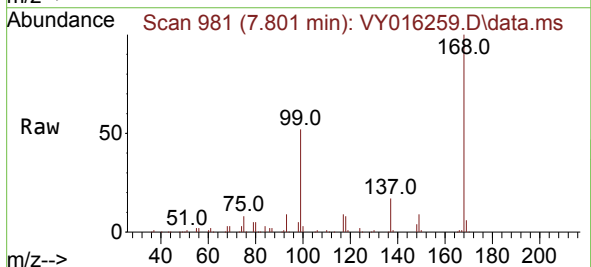


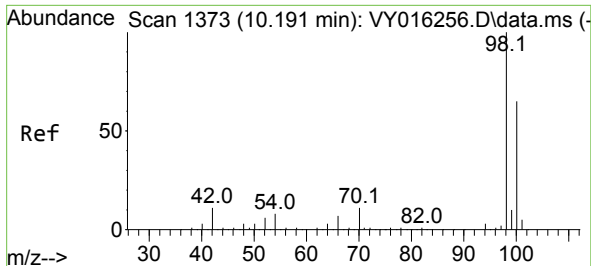
Tgt Ion:113 Resp: 58183
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.1 16.9 25.3



#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion:117 Resp: 10767
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#

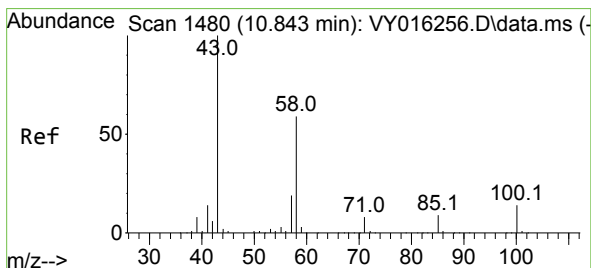
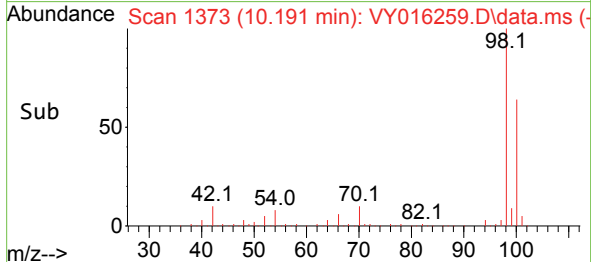
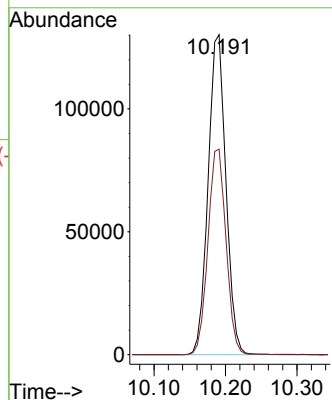
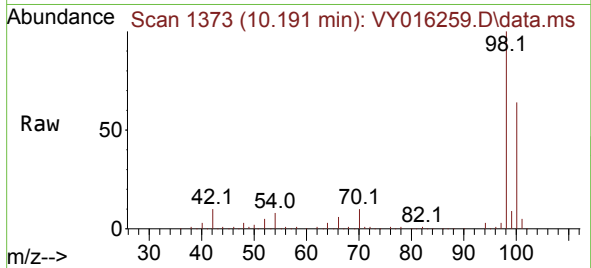




#50
Toluene-d8
Concen: 51.107 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

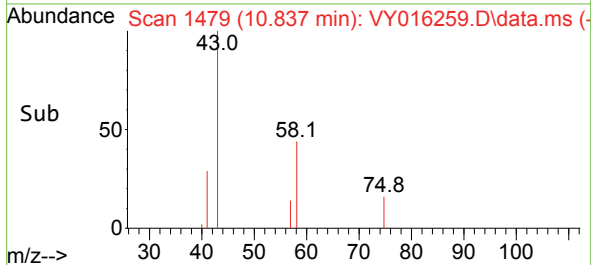
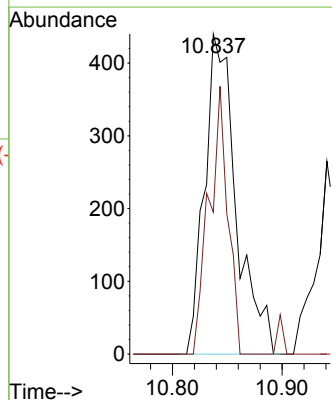
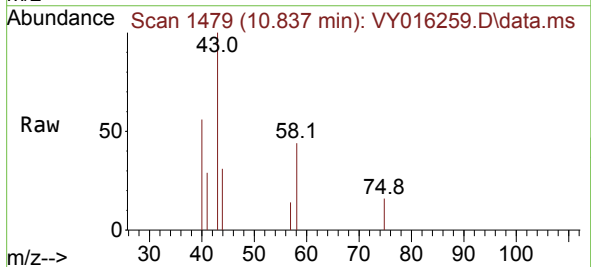
Instrument :
MSVOA_Y
ClientSampleId :

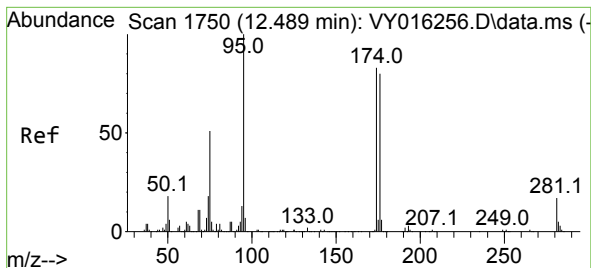
Tgt Ion: 98 Resp: 224960
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#59
2-Hexanone
Concen: 1.593 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.3

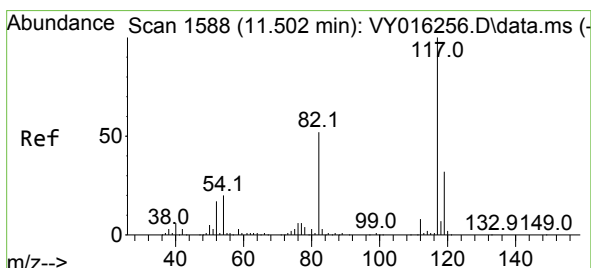
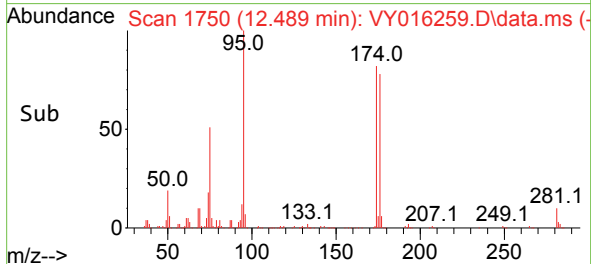
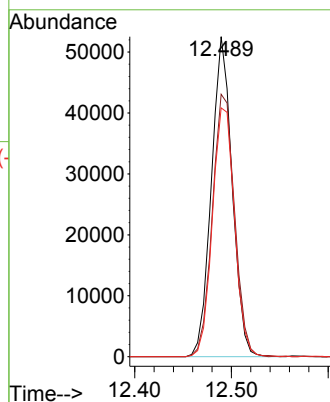
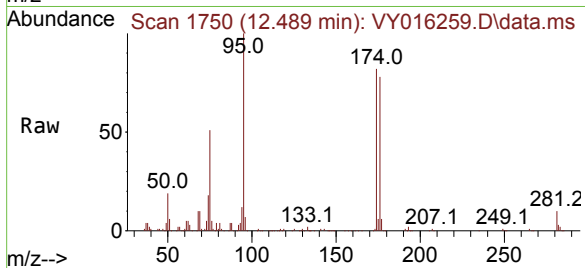




#62
4-Bromofluorobenzene
Concen: 54.746 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

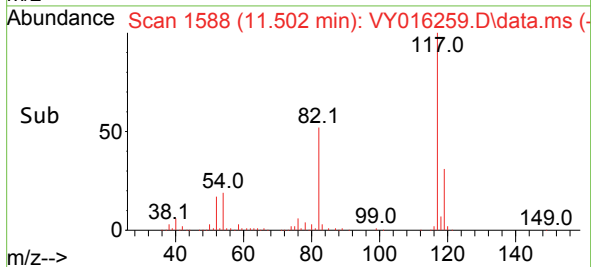
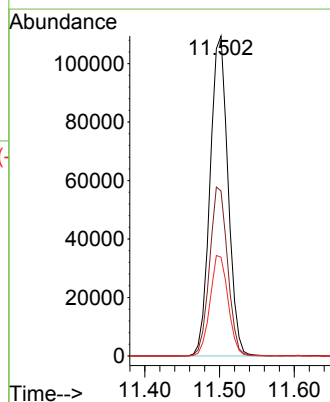
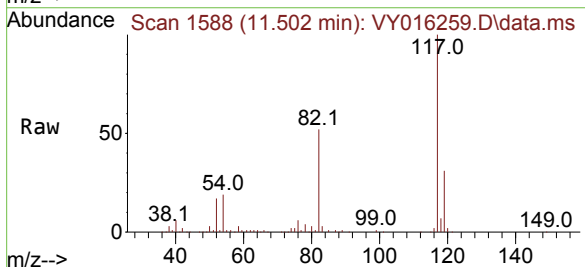
Instrument :
MSVOA_Y
ClientSampleId :

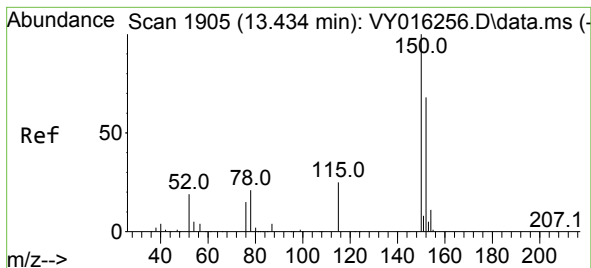
Tgt Ion: 95 Resp: 78266
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 117 Resp: 182396
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 30.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

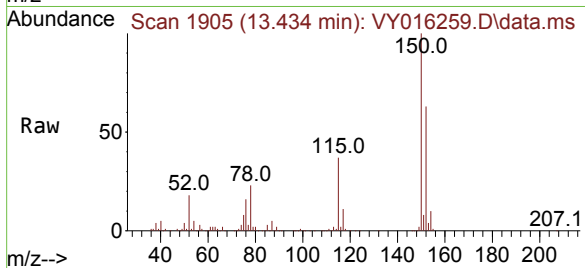
Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



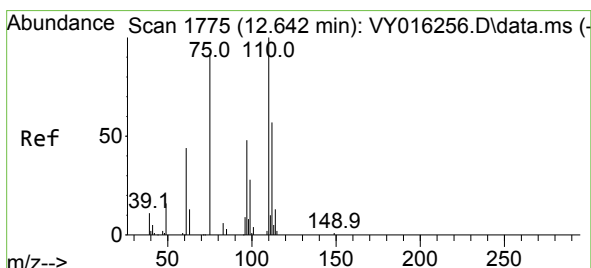
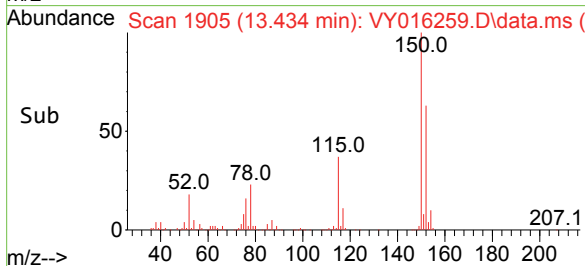
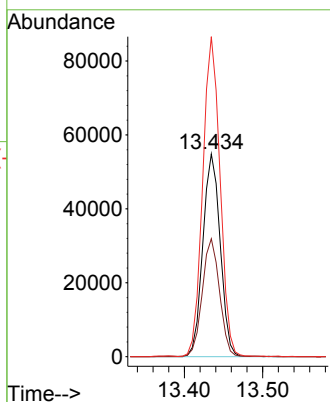
Tgt Ion:152 Resp: 84132

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 158.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 50.807 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016259.D

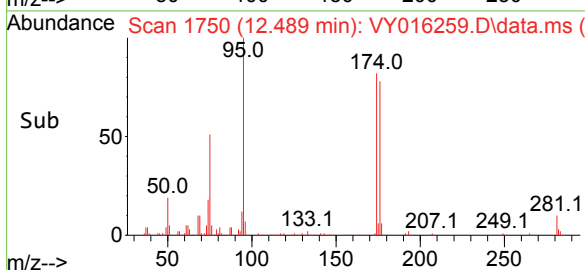
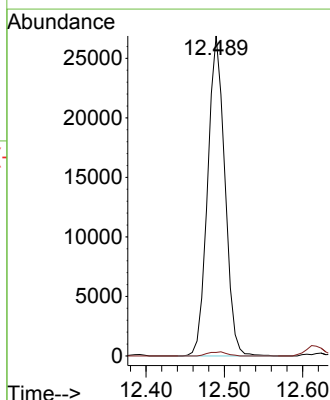
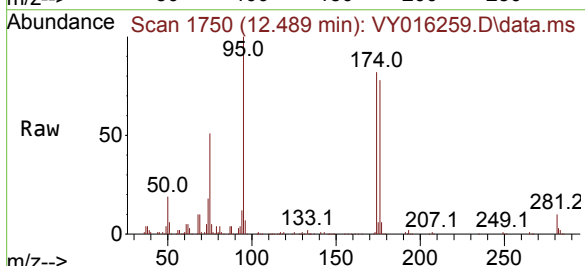
Acq: 08 Nov 2023 12:06

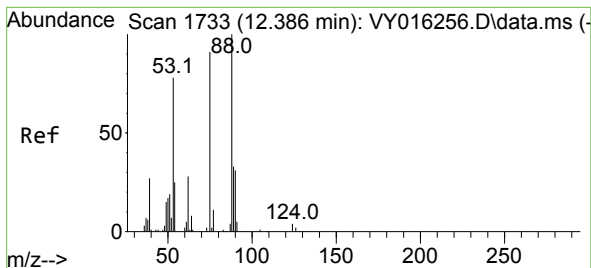
Tgt Ion: 75 Resp: 41005

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

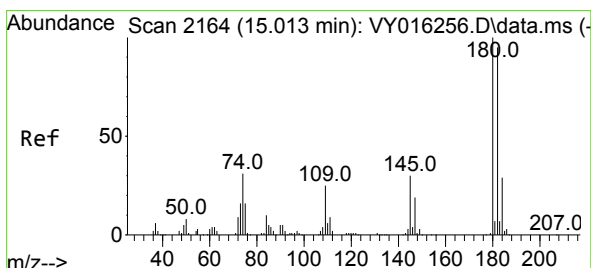
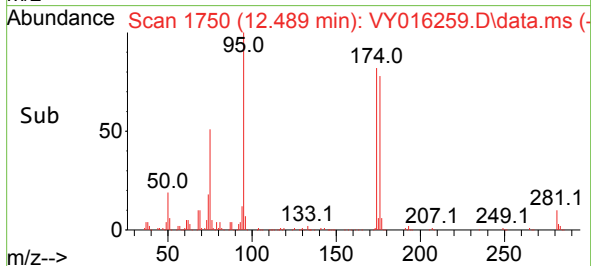
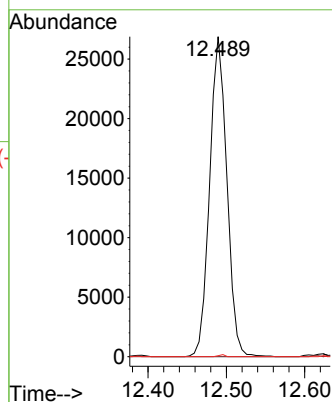
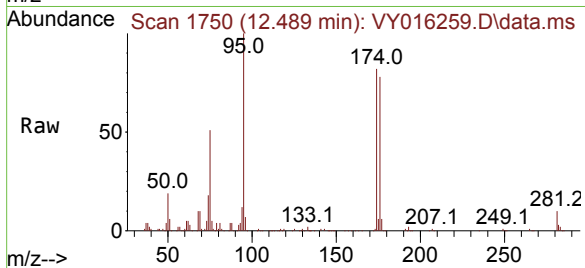




#81
trans-1,4-Dichloro-2-butene
Concen: 110.281 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

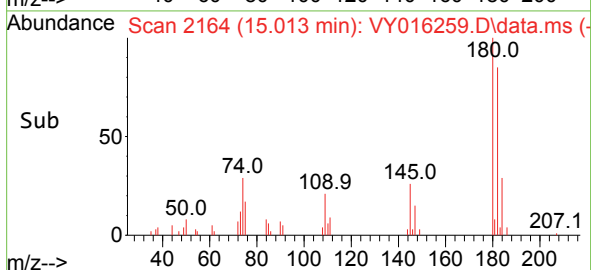
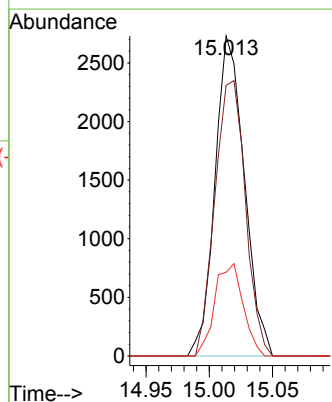
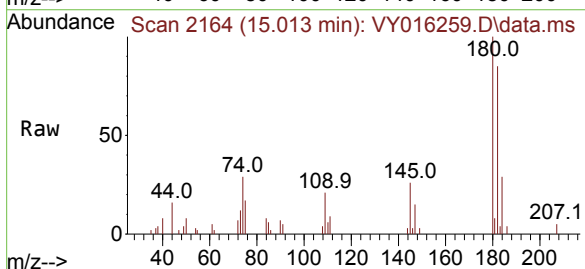
Instrument :
MSVOA_Y
ClientSampleId :

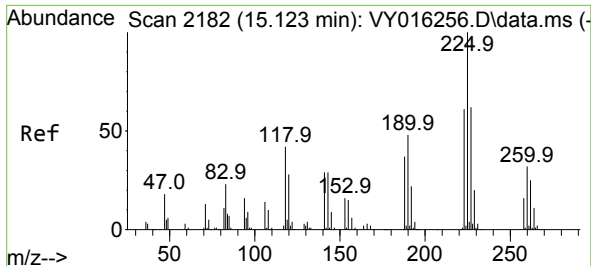
Tgt Ion: 75 Resp: 41005
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 2.970 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

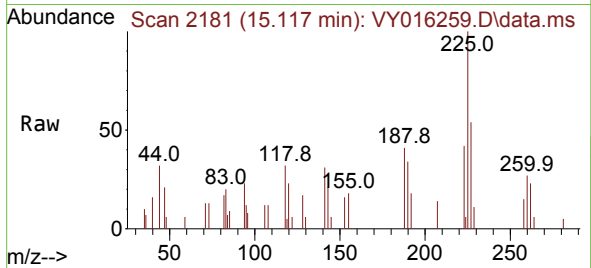
Tgt Ion: 180 Resp: 4401
Ion Ratio Lower Upper
180 100
182 89.3 47.0 141.2
145 27.8 14.5 43.5



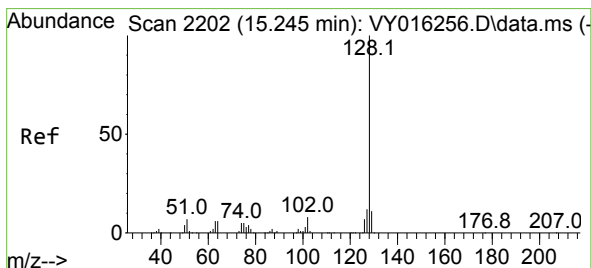
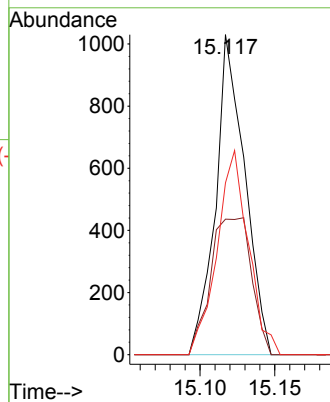
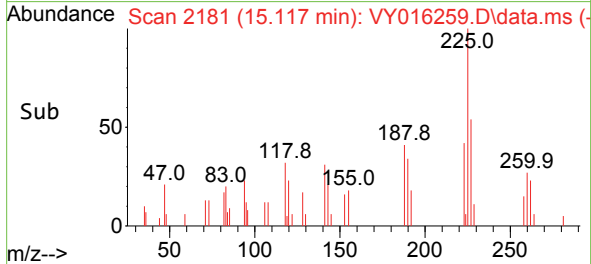


#94
Hexachlorobutadiene
Concen: 1.649 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

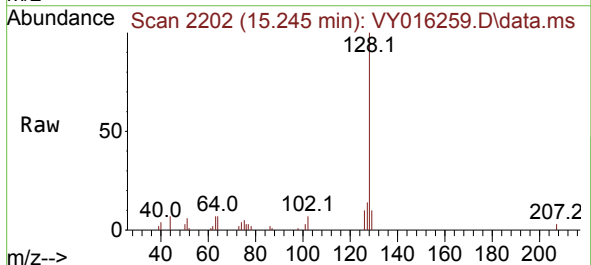
Instrument :
MSVOA_Y
ClientSampleId :



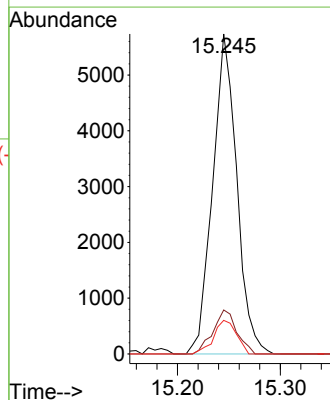
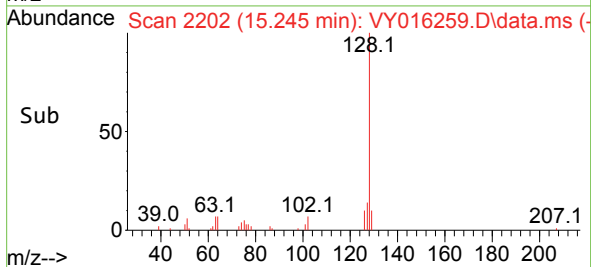
Tgt Ion:225 Resp: 1400
Ion Ratio Lower Upper
225 100
223 59.6 31.9 95.9
227 68.5 33.0 98.9

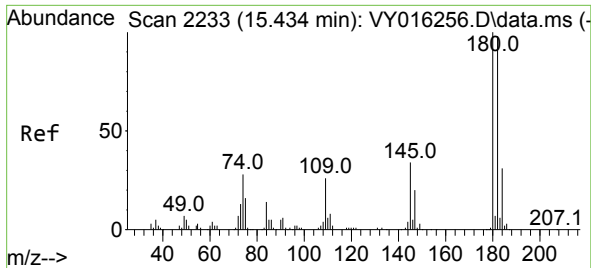


#95
Naphthalene
Concen: 3.521 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06



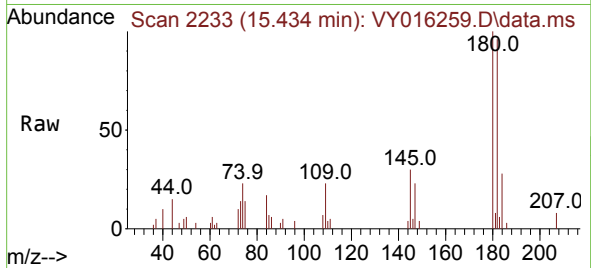
Tgt Ion:128 Resp: 9330
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 9.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.262 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016259.D
 Acq: 08 Nov 2023 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	3998
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.3	141.8
145	33.0	15.4	46.2

