

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015386.D
 Acq On : 30 Aug 2023 18:36
 Operator : SY/MD
 Sample : 04202-02
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:03:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

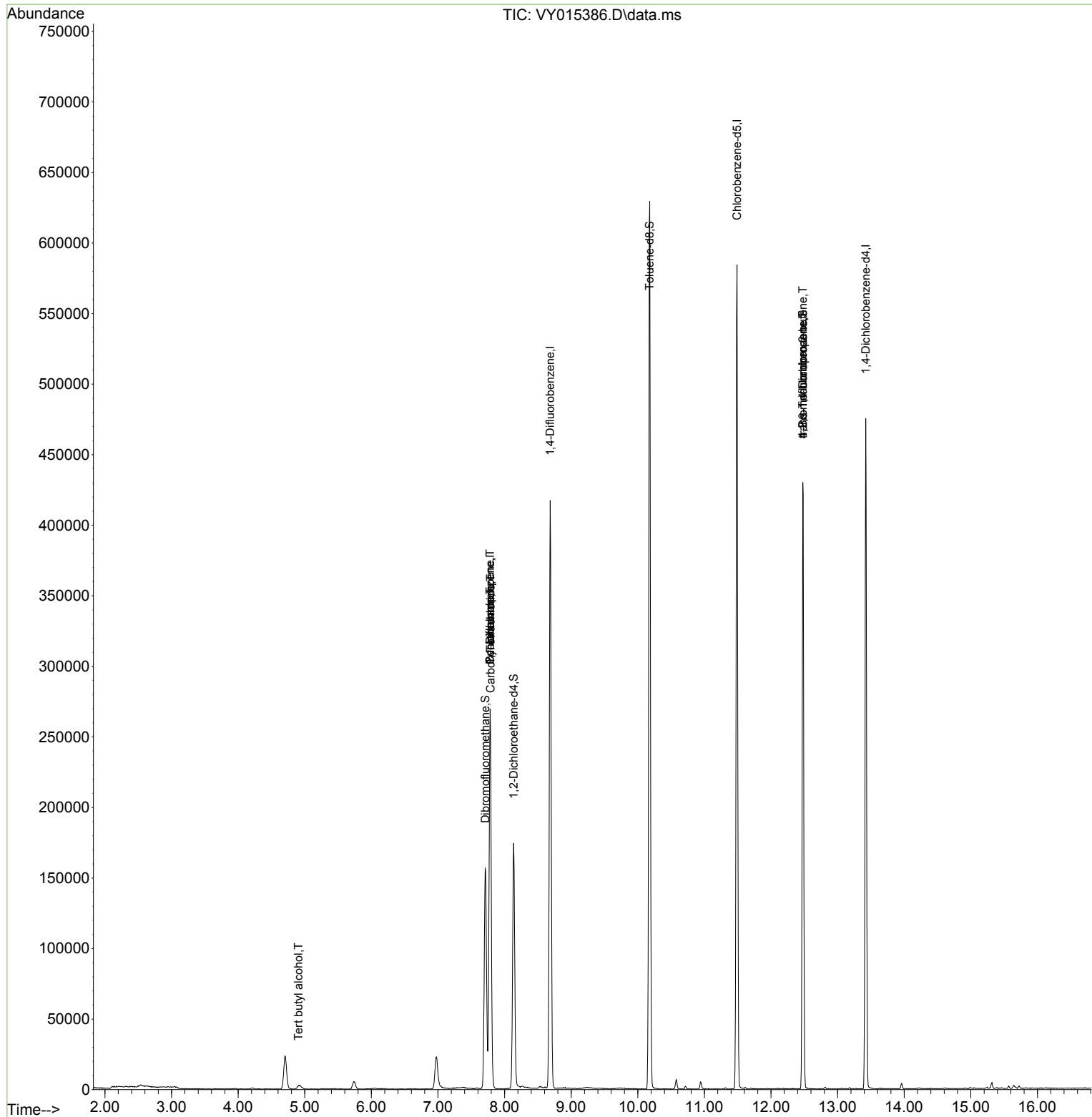
Internal Standards						
1) Pentafluorobenzene	7.783	168	206315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132937	60.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.220%	
35) Dibromofluoromethane	7.710	113	111957	54.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.160%	
50) Toluene-d8	10.179	98	415871	55.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.980%	
62) 4-Bromofluorobenzene	12.477	95	124960	45.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	3379	6.589	ug/l #	89
31) Cyclohexane	7.783	56	4573	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16276	4.519	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20602	5.539	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	67507	42.336	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67507	93.005	ug/l #	10

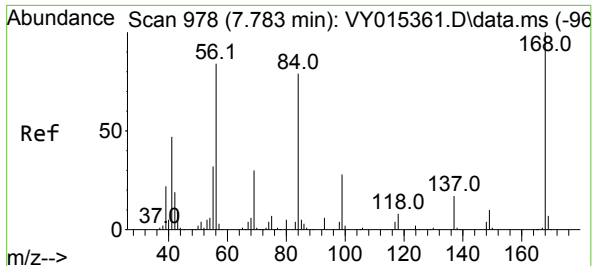
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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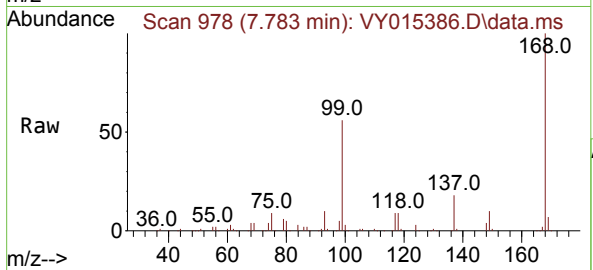
Quant Time: Aug 31 01:03:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



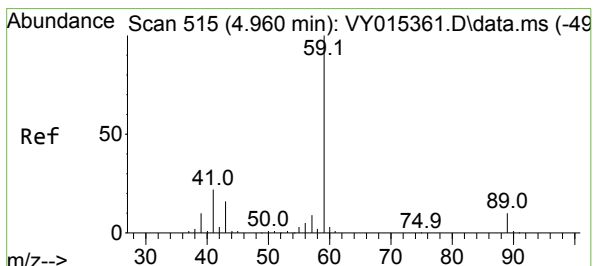
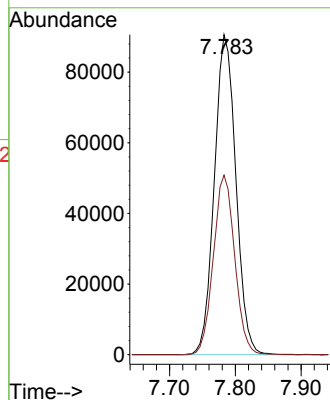
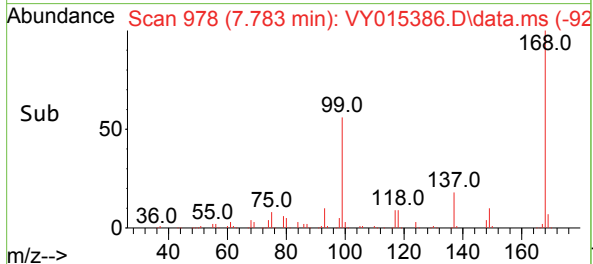


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

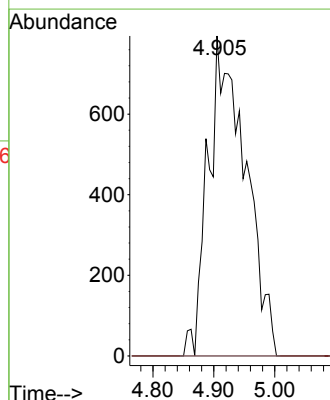
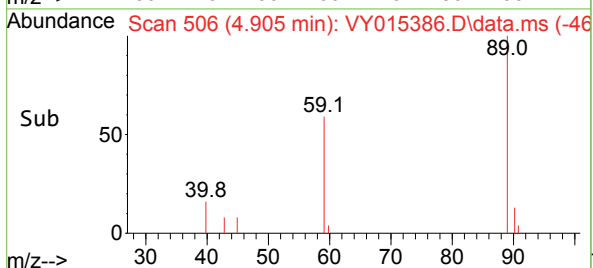
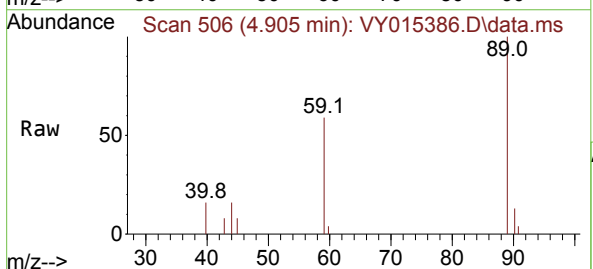


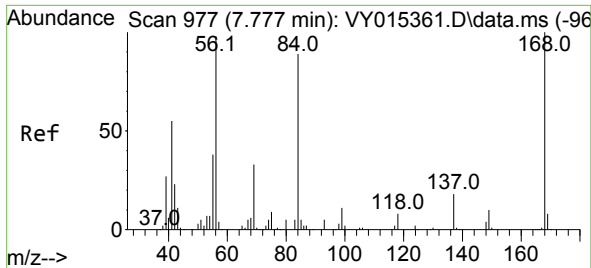
Tgt Ion:168 Resp: 206315
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.589 ug/l
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

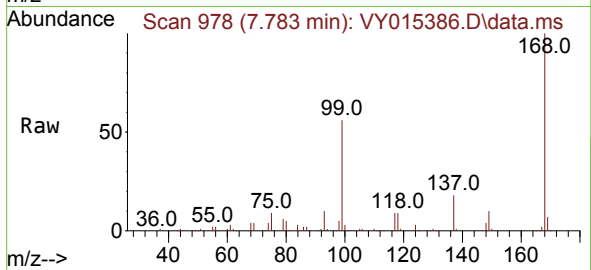
Tgt Ion: 59 Resp: 3379
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



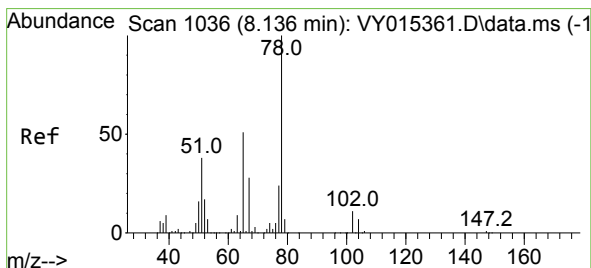
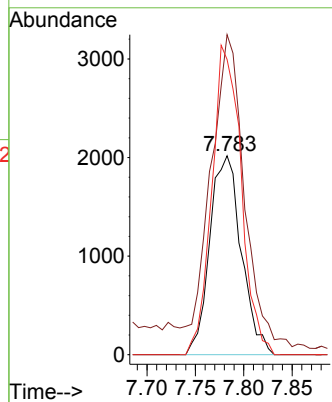
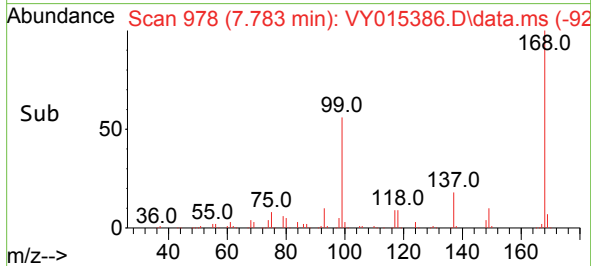


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

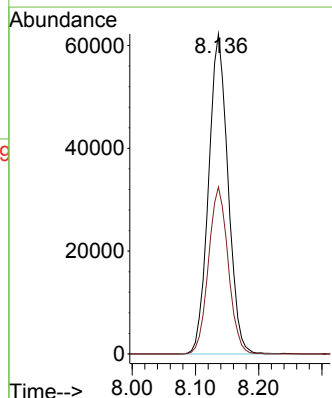
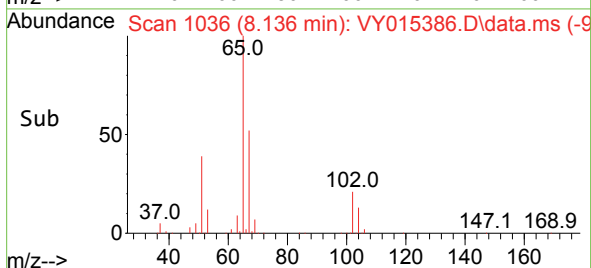
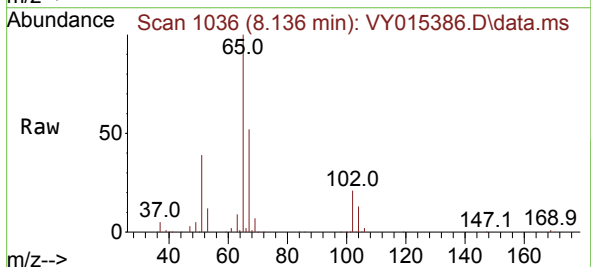


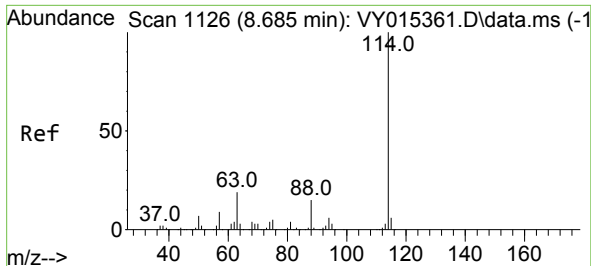
Tgt Ion: 56 Resp: 4573
Ion Ratio Lower Upper
56 100
69 152.9 27.8 41.6#
84 148.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.107 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Tgt Ion: 65 Resp: 132937
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015386.D

Acq: 30 Aug 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

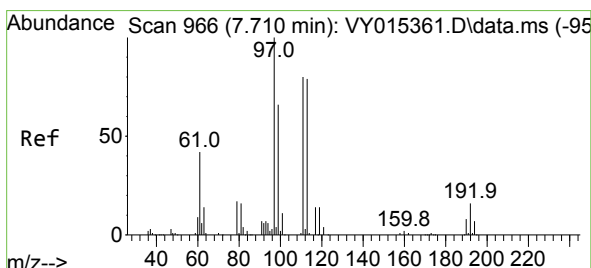
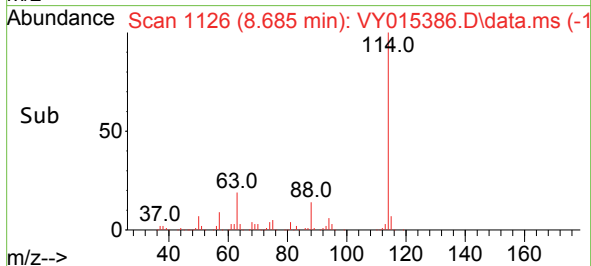
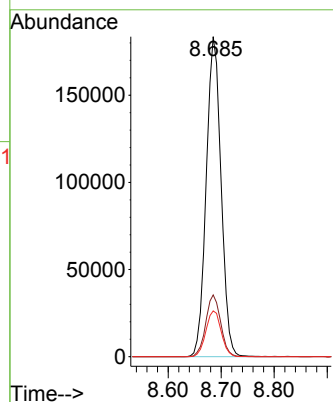
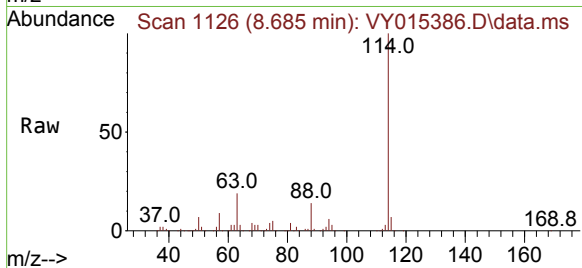
Tgt Ion:114 Resp: 356111

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.583 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015386.D

Acq: 30 Aug 2023 18:36

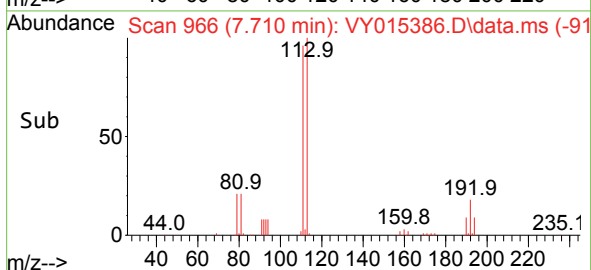
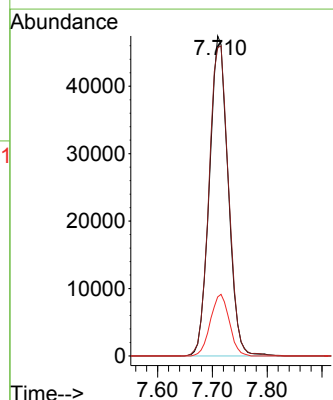
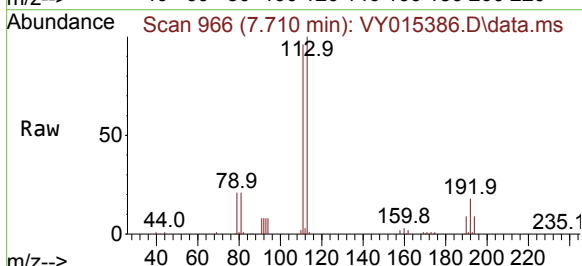
Tgt Ion:113 Resp: 111957

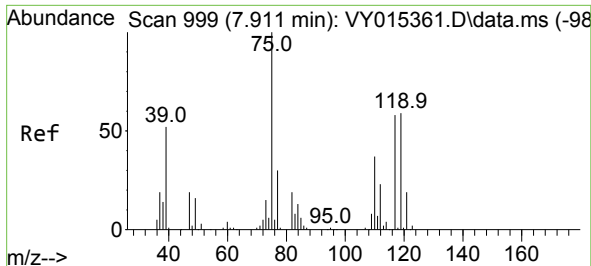
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

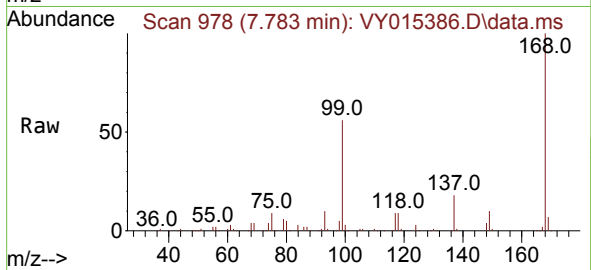
192 19.5 16.9 25.3



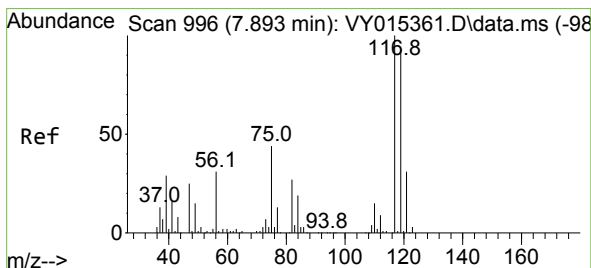
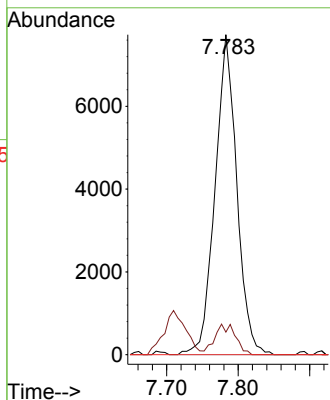
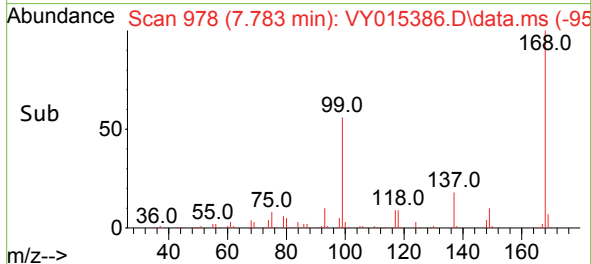


#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015386.D
 Acq: 30 Aug 2023 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :

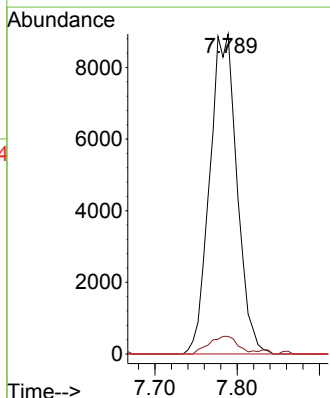
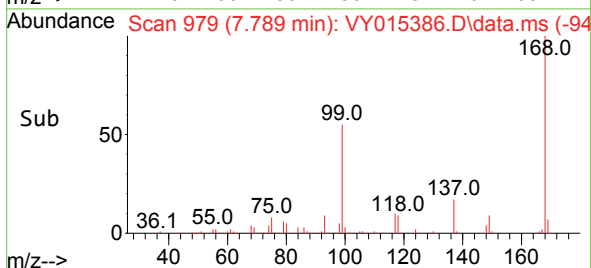
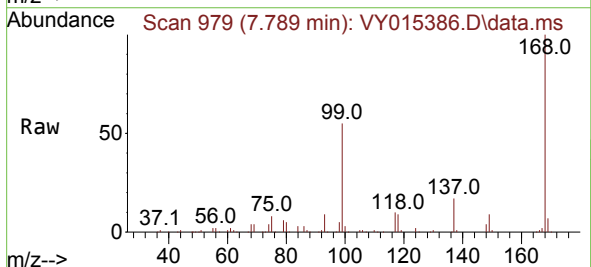


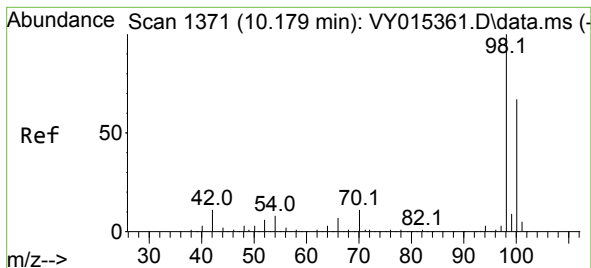
Tgt Ion: 75 Resp: 16276
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.539 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.104 min
 Lab File: VY015386.D
 Acq: 30 Aug 2023 18:36

Tgt Ion: 117 Resp: 20602
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.4 114.6#
 121 0.0 25.8 38.6#

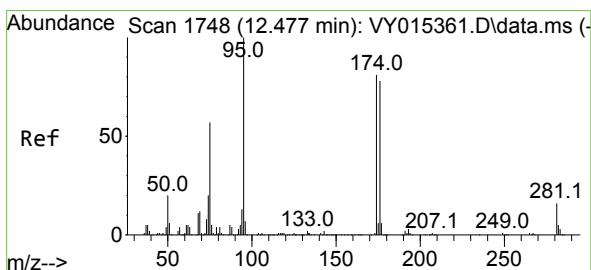
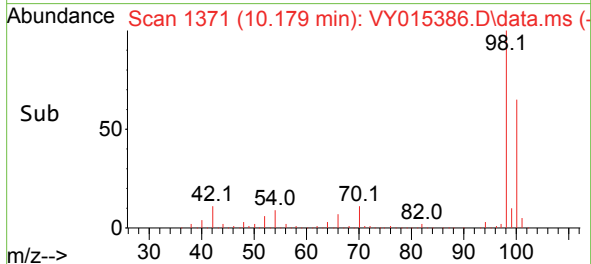
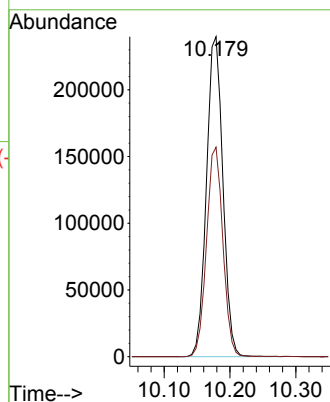
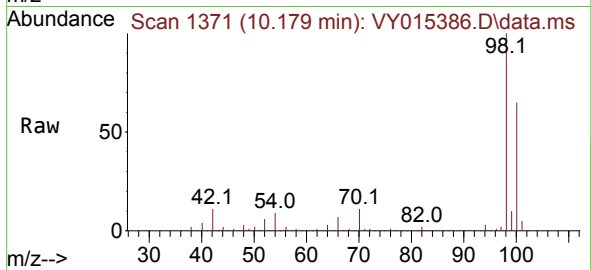




#50
Toluene-d8
Concen: 55.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

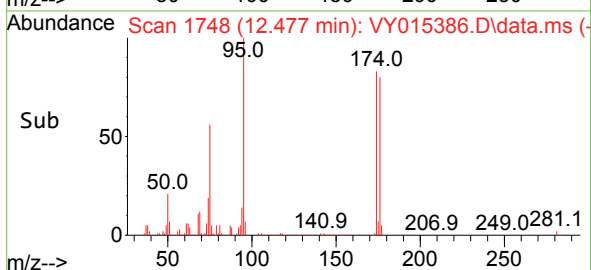
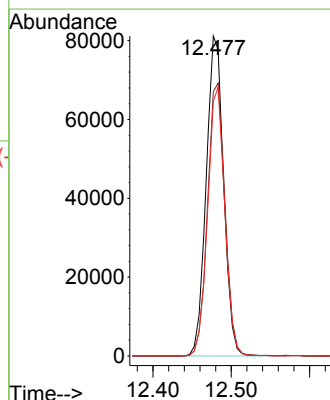
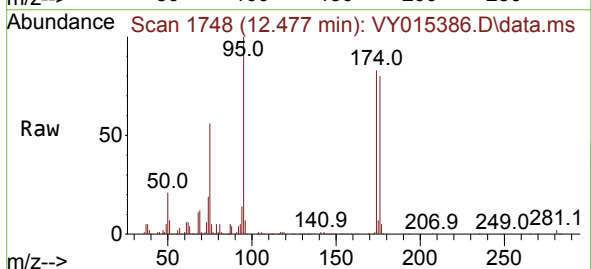
Instrument :
MSVOA_Y
ClientSampleId :

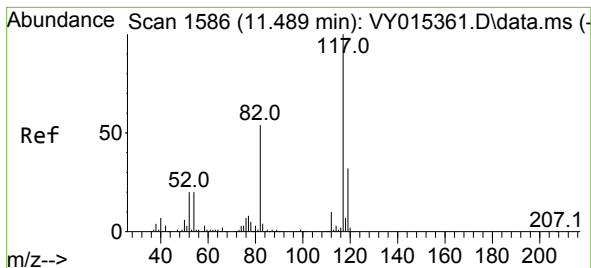
Tgt Ion: 98 Resp: 415871
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Tgt Ion: 95 Resp: 124960
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

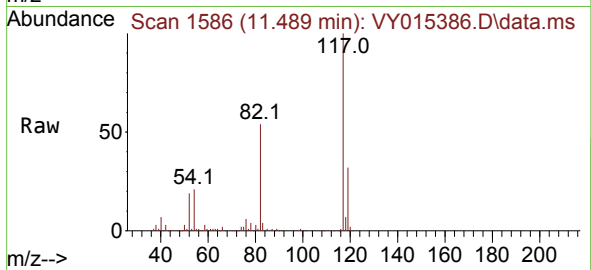
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Acq: 30 Aug 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



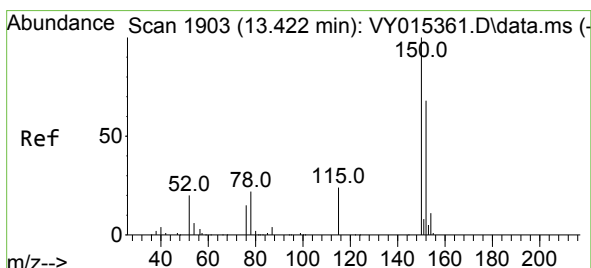
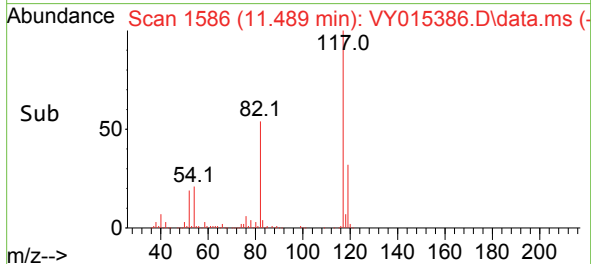
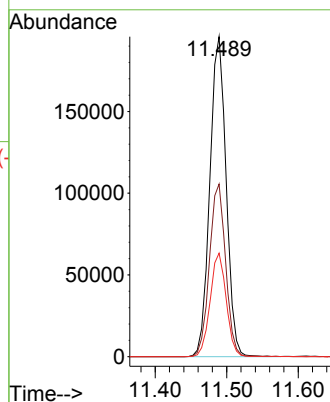
Tgt Ion:117 Resp: 309565

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015386.D

Acq: 30 Aug 2023 18:36

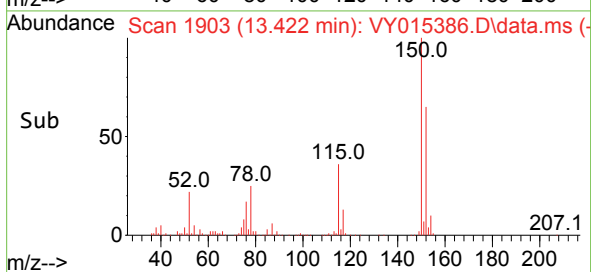
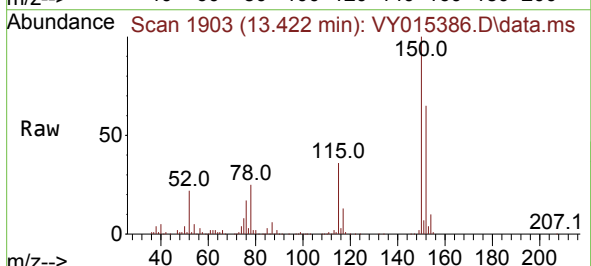
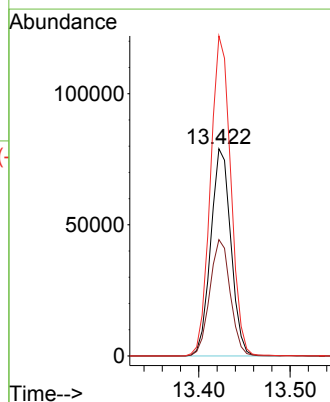
Tgt Ion:152 Resp: 120740

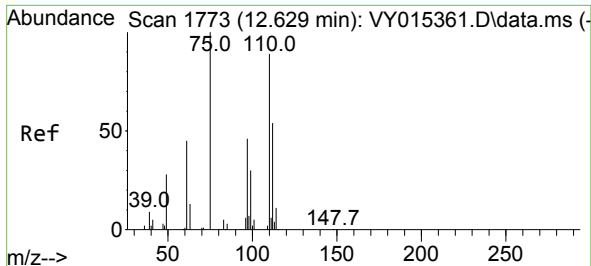
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.2 0.0 348.8

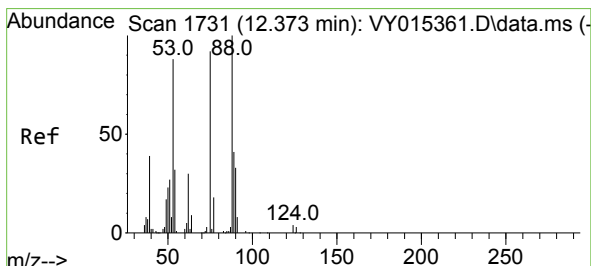
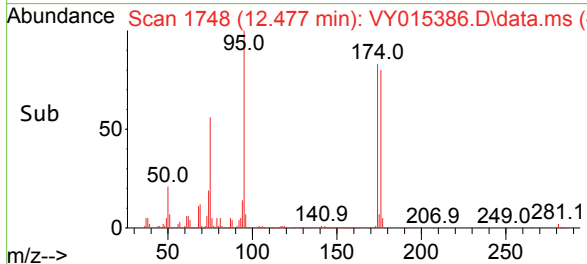
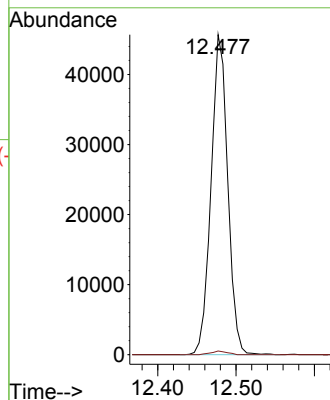
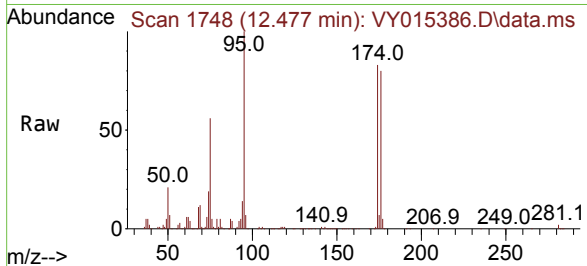




#76
1,2,3-Trichloropropane
Concen: 42.336 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67507
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.005 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015386.D
Acq: 30 Aug 2023 18:36

Tgt Ion: 75 Resp: 67507
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

