

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015251.D
 Acq On : 22 Aug 2023 17:49
 Operator : SY/MD
 Sample : 04090-10
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-N

Quant Time: Aug 23 00:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

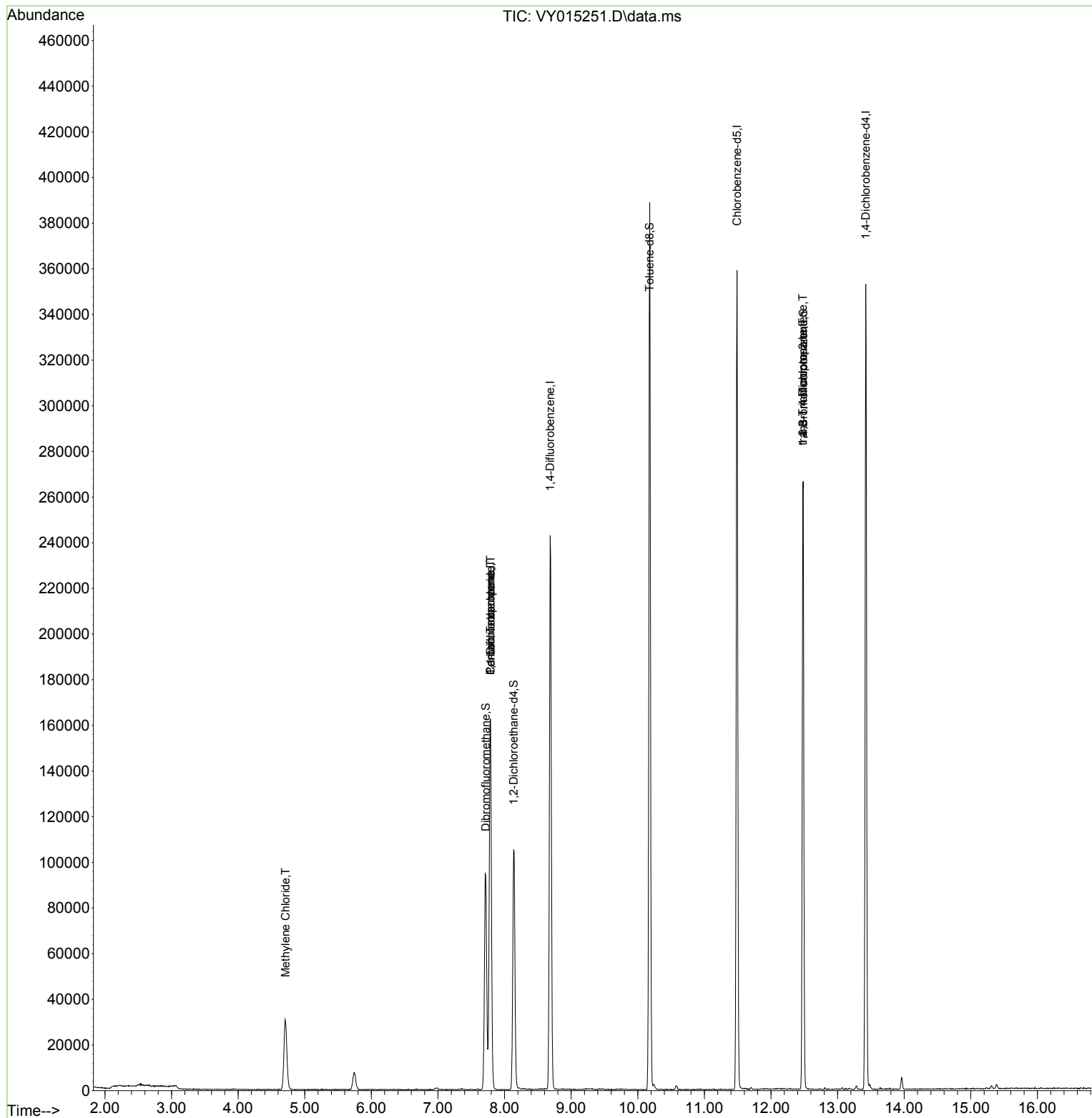
Internal Standards						
1) Pentafluorobenzene	7.789	168	127182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83775	54.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.716	113	66345	48.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.179	98	247873	49.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.483	95	81463	44.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	245	Below Cal	#	43
5) Bromomethane	2.631	94	53	Below Cal	#	2
20) Methylene Chloride	4.710	84	23690	16.955	ug/l #	85
31) Cyclohexane	7.783	56	2640	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	9823	6.557	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12938	7.298	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	44678	40.339	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44678	88.604	ug/l #	10

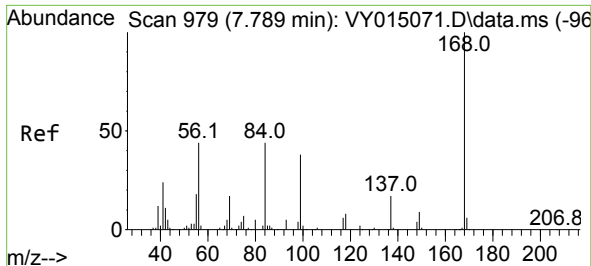
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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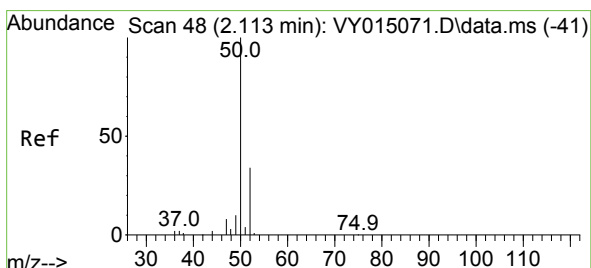
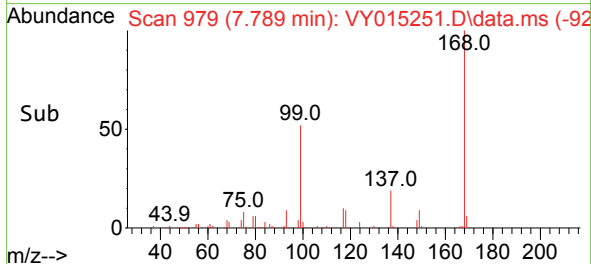
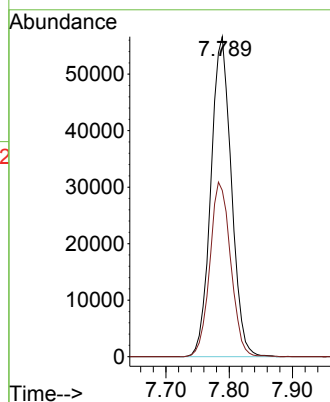
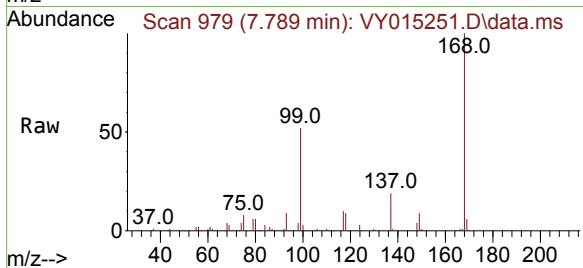




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

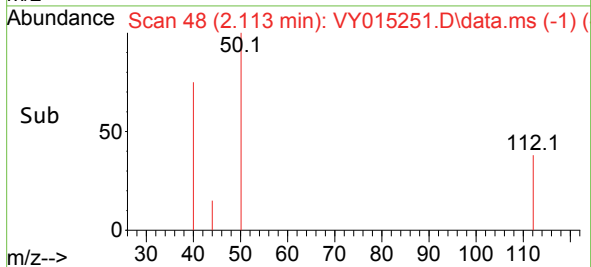
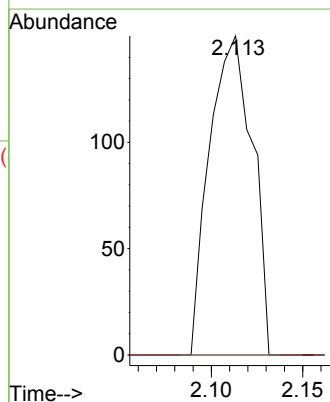
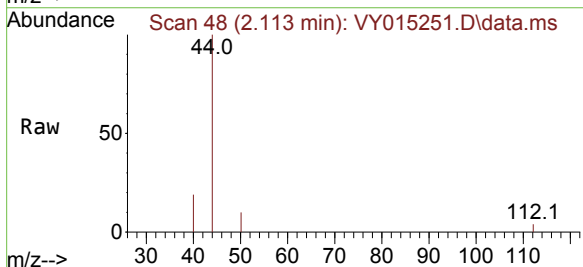
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

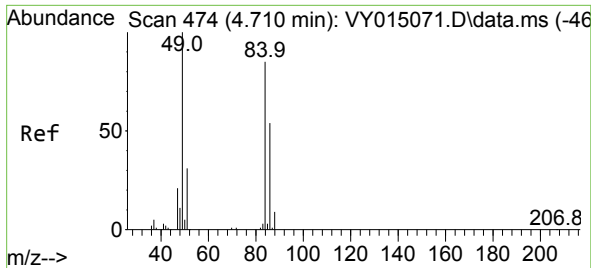
Tgt Ion:168 Resp: 127182
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

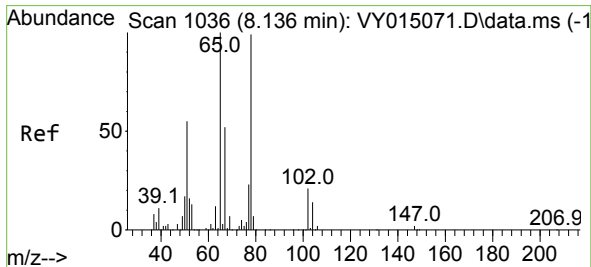
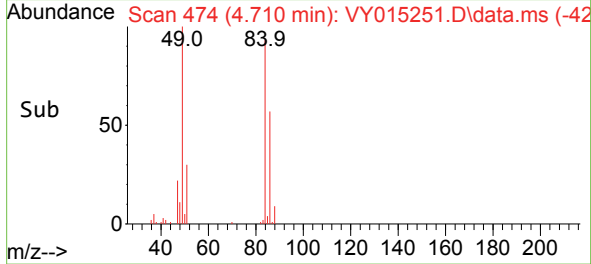
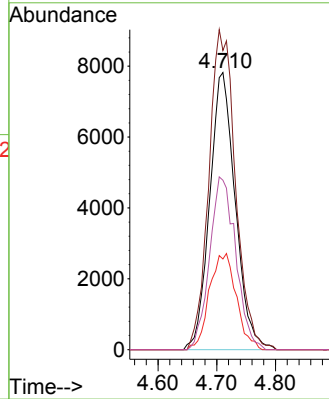
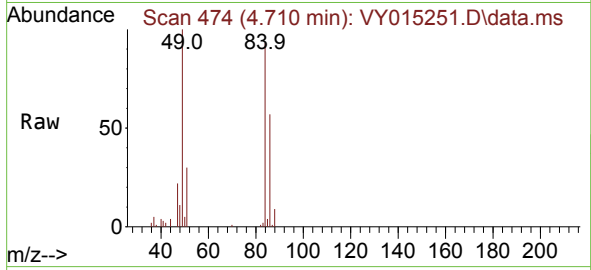




#20
Methylene Chloride
Concen: 16.955 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

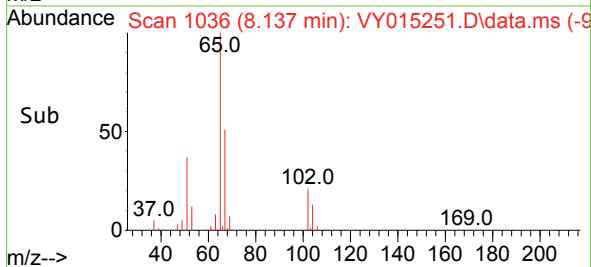
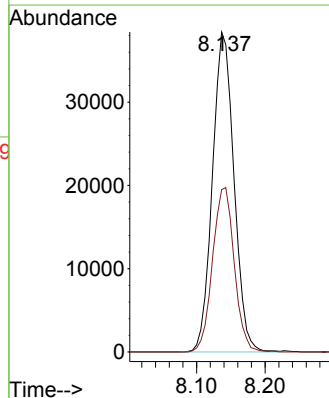
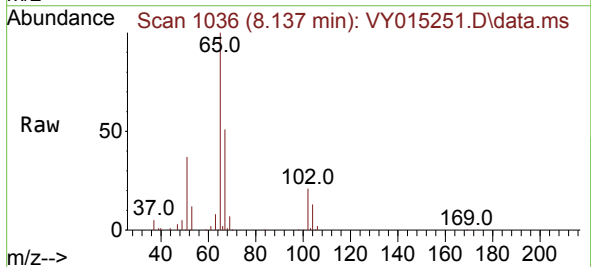
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

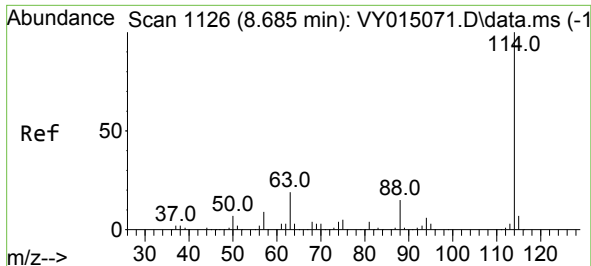
Tgt Ion:	84	Resp:	23690
Ion	Ratio	Lower	Upper
84	100		
49	107.9	106.9	160.3
51	32.8	33.2	49.8#
86	61.1	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 54.873 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion:	65	Resp:	83775
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.8

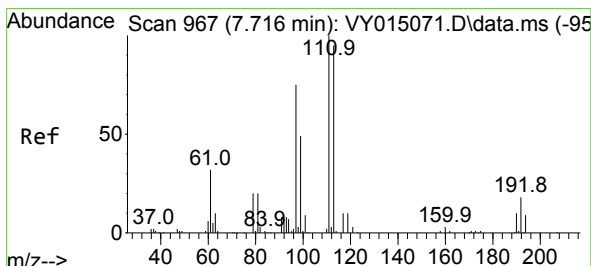
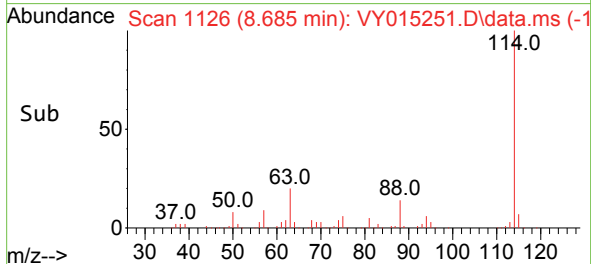
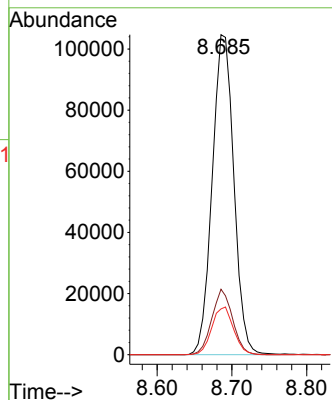
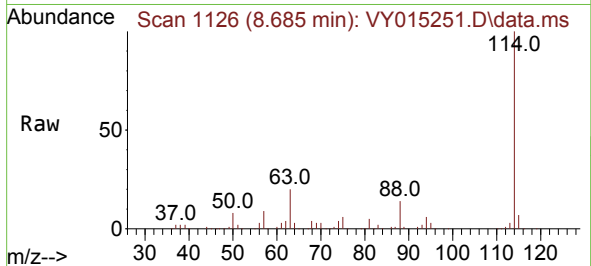




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

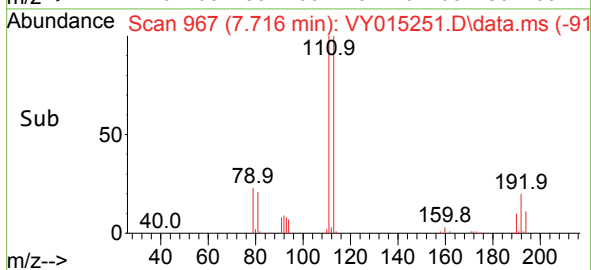
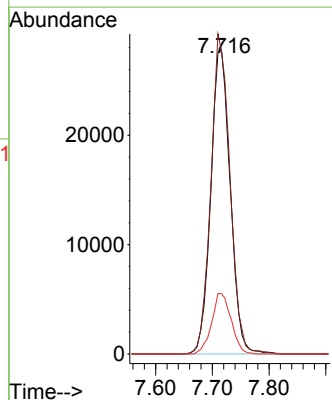
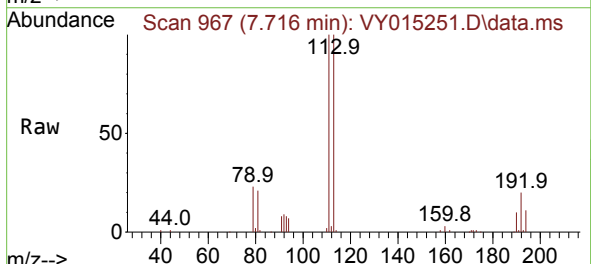
Instrument :
MSVOA_Y
ClientSampleId :
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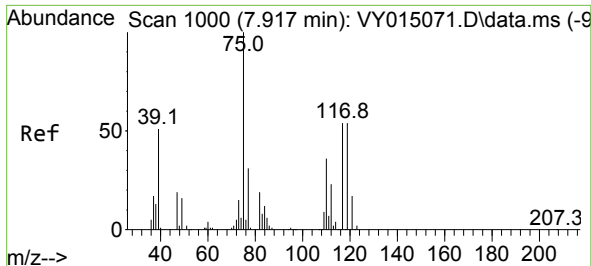
Tgt Ion:114 Resp: 210473
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion:113 Resp: 66345
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.9 16.9 25.3

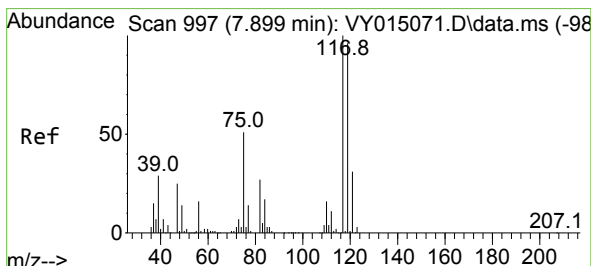
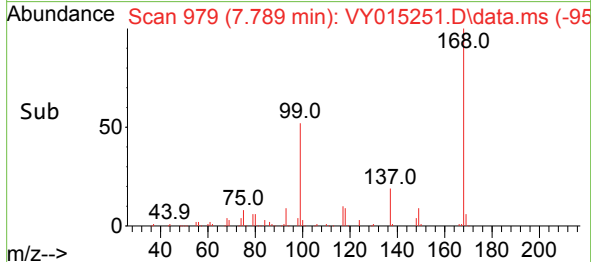
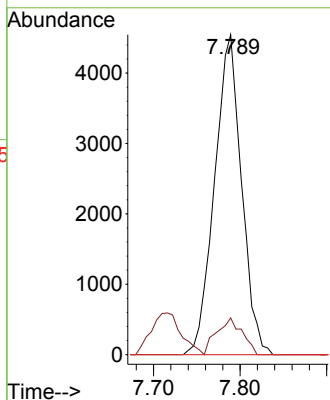
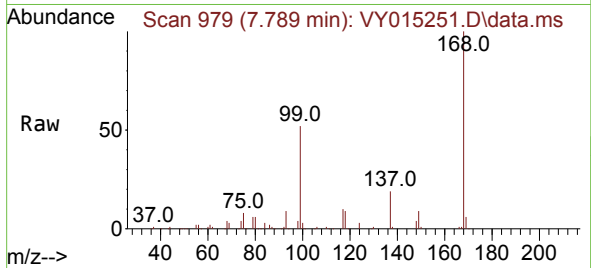




#36
1,1-Dichloropropene
Concen: 6.557 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

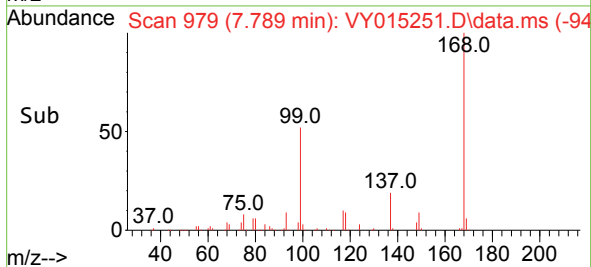
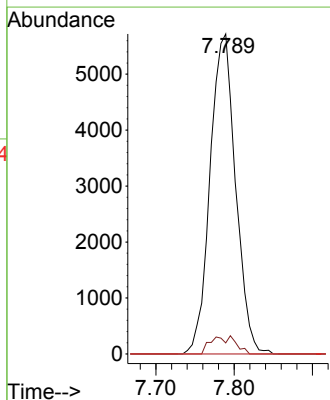
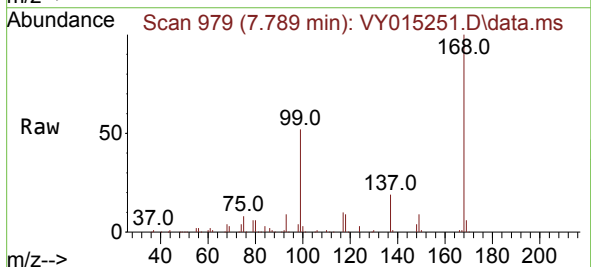
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

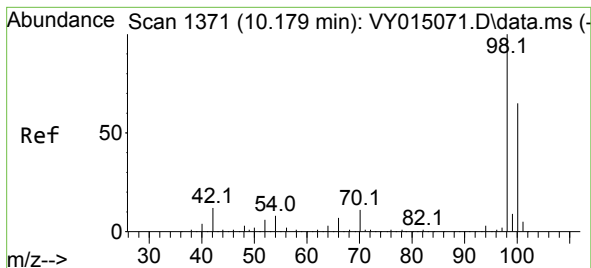
Tgt Ion: 75 Resp: 9823
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.298 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion: 117 Resp: 12938
Ion Ratio Lower Upper
117 100
119 3.4 76.4 114.6#
121 0.0 25.8 38.6#

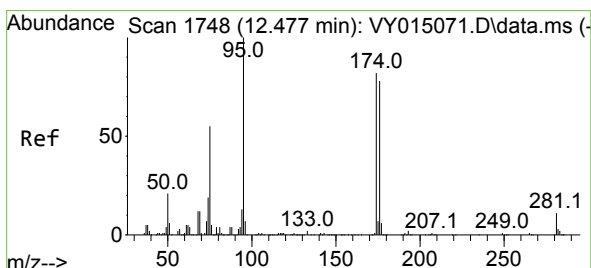
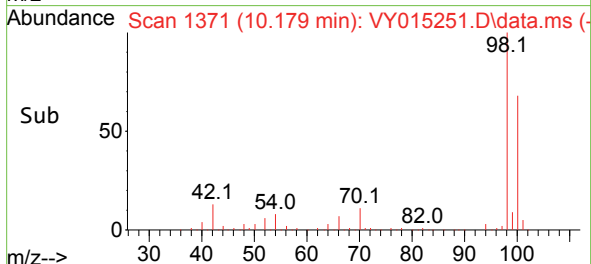
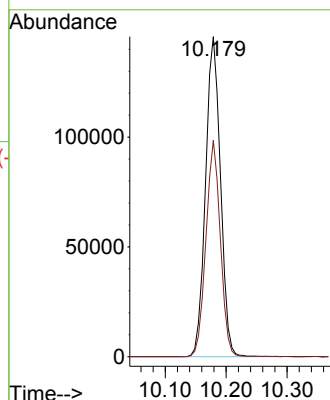
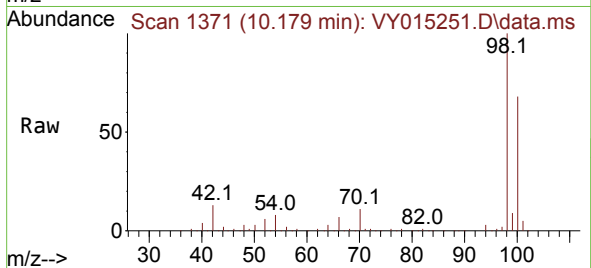




#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

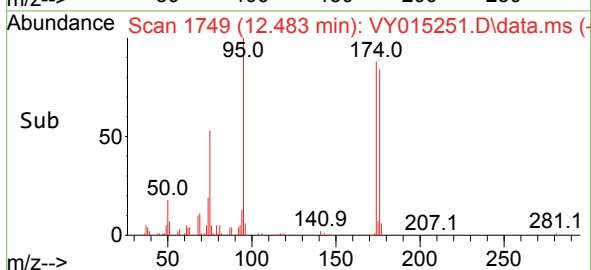
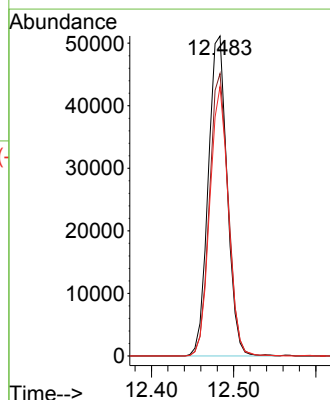
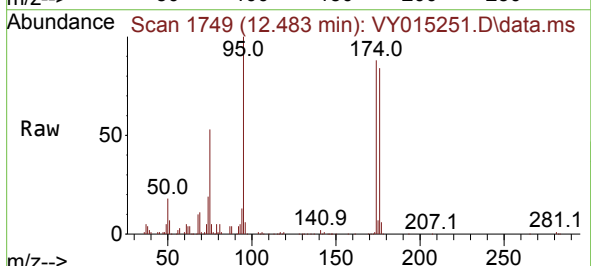
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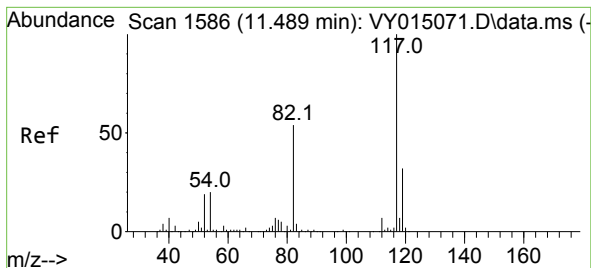
Tgt Ion: 98 Resp: 247873
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion: 95 Resp: 81463
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015251.D

Acq: 22 Aug 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-N

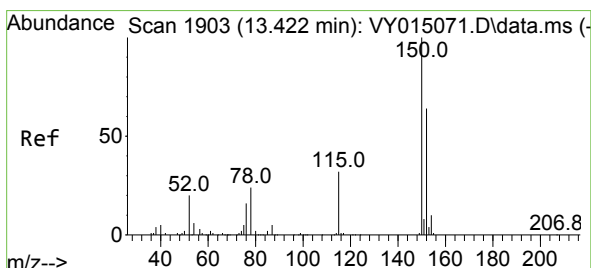
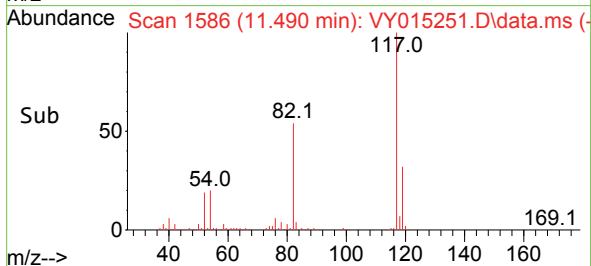
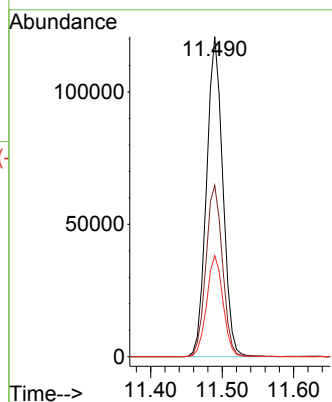
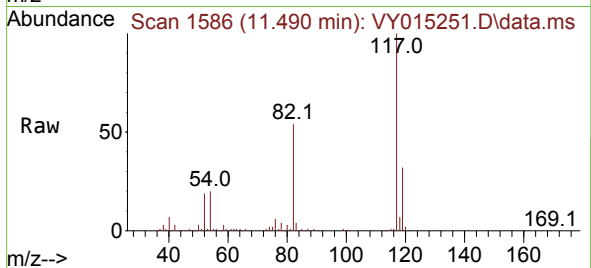
Tgt Ion:117 Resp: 191043

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.5 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: VY015251.D

Acq: 22 Aug 2023 17:49

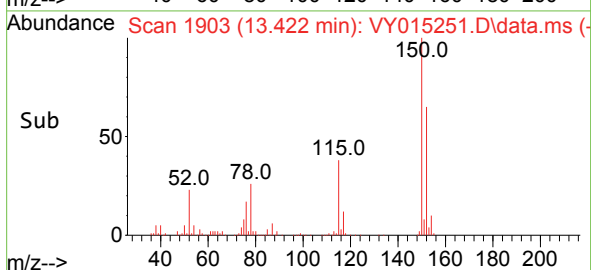
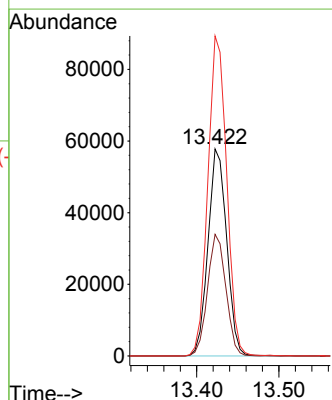
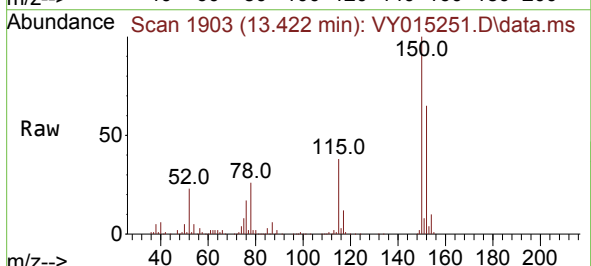
Tgt Ion:152 Resp: 91163

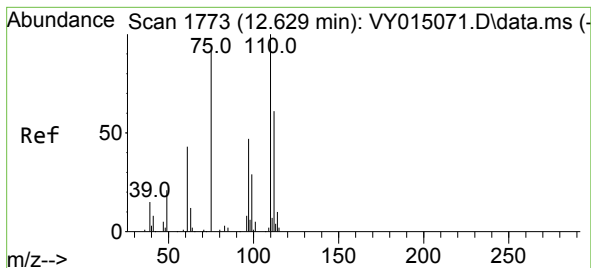
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 155.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 40.339 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015251.D

Acq: 22 Aug 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

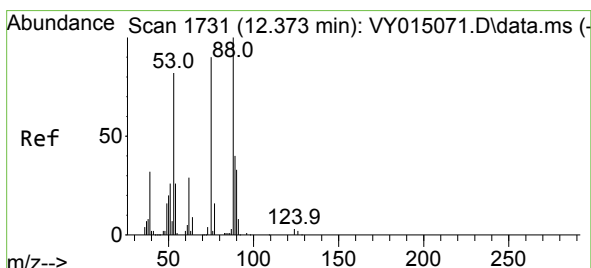
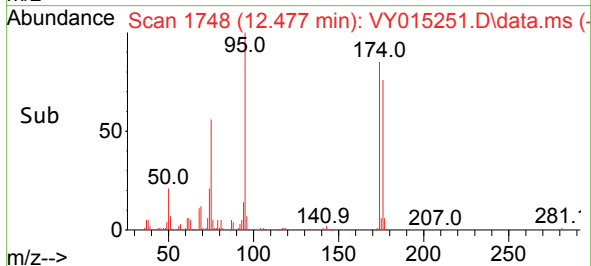
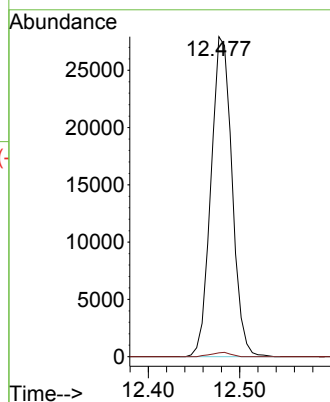
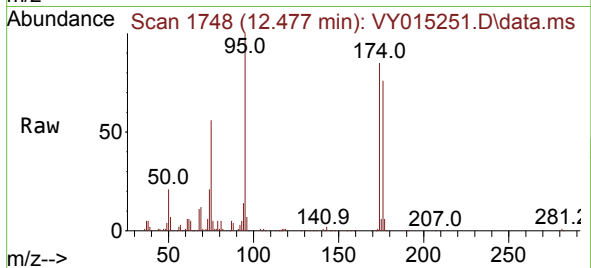
TP-N

Tgt Ion: 75 Resp: 44678

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.604 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY015251.D

Acq: 22 Aug 2023 17:49

Tgt Ion: 75 Resp: 44678

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

