

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019065.D
 Acq On : 14 Aug 2024 17:55
 Operator : SY/MD
 Sample : P3580-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Quant Time: Aug 14 21:49:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

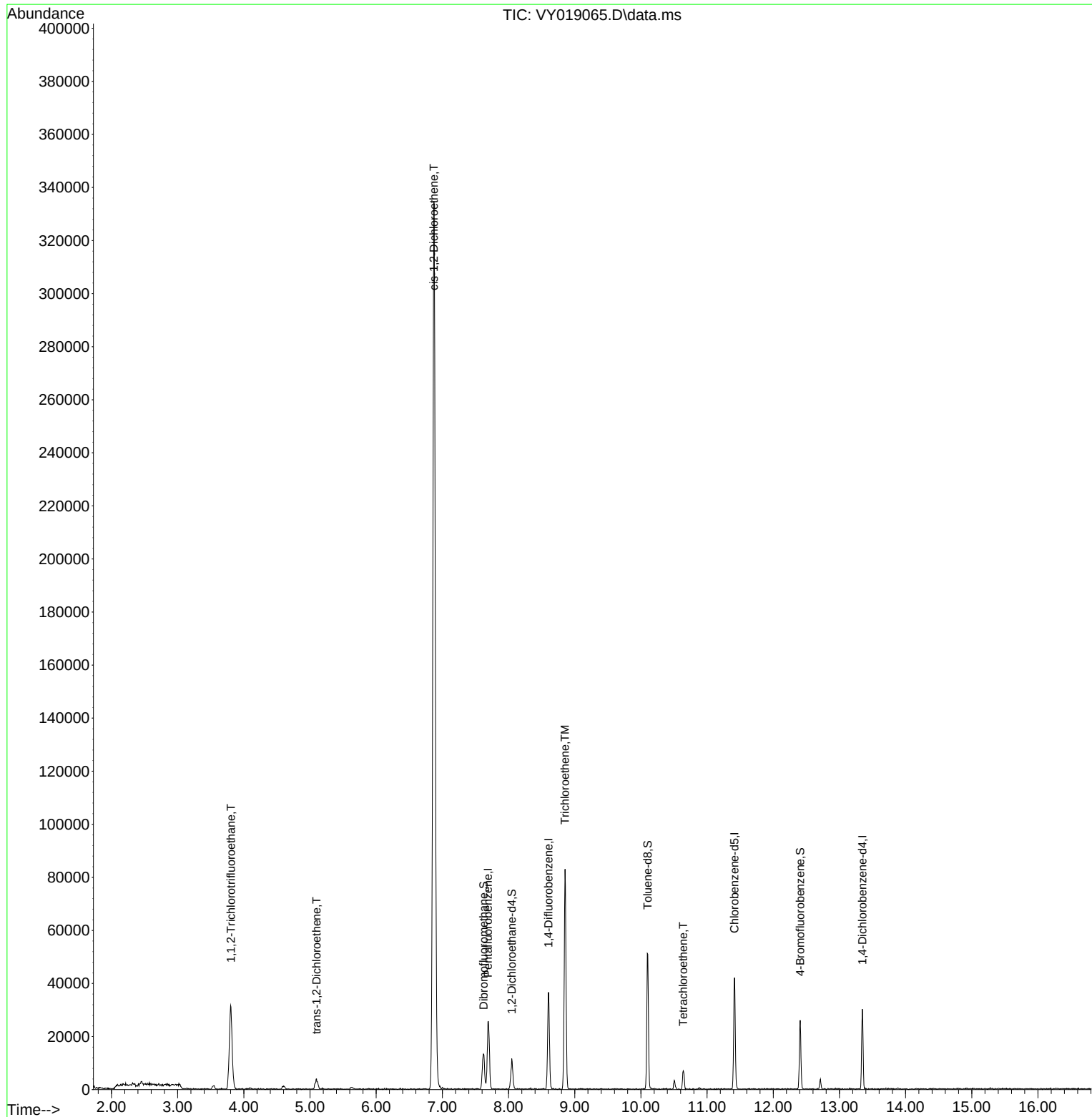
Internal Standards						
1) Pentafluorobenzene	7.689	168	21275	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.603	114	30111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	21711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	7179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	6198	33.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.360%
35) Dibromofluoromethane	7.622	113	8988	46.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.480%
50) Toluene-d8	10.103	98	32210	43.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.200%
62) 4-Bromofluorobenzene	12.408	95	6047	27.592	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.180%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.806	101	16855	82.602	ug/l	93
21) trans-1,2-Dichloroethene	5.098	96	2144	10.052	ug/l #	78
27) cis-1,2-Dichloroethene	6.872	96	185242	725.869	ug/l	90
44) Trichloroethene	8.853	130	24552	112.218	ug/l	89
64) Tetrachloroethene	10.640	164	1527	8.390	ug/l	87

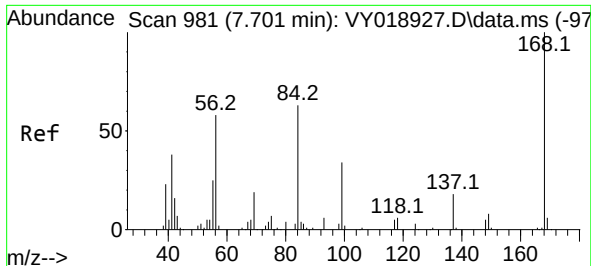
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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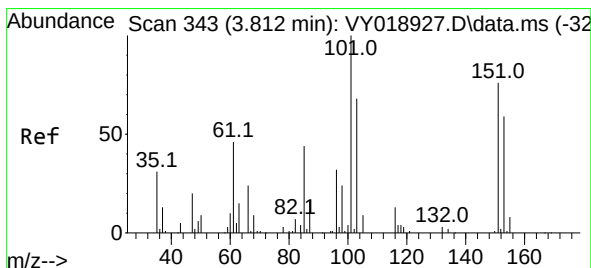
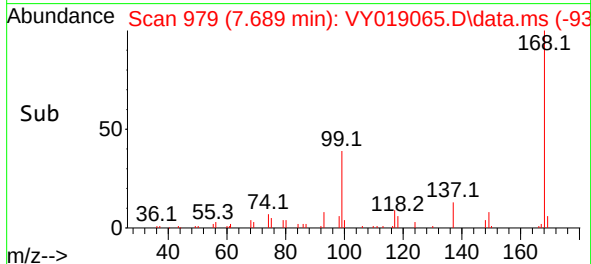
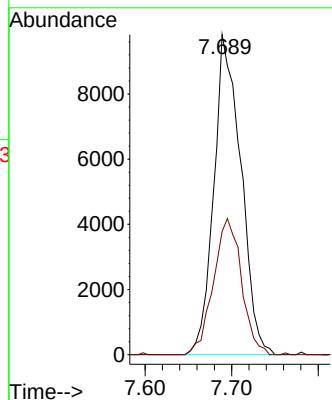
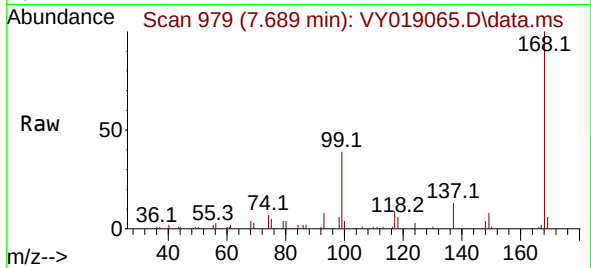




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

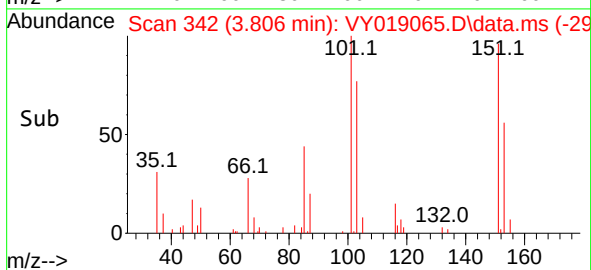
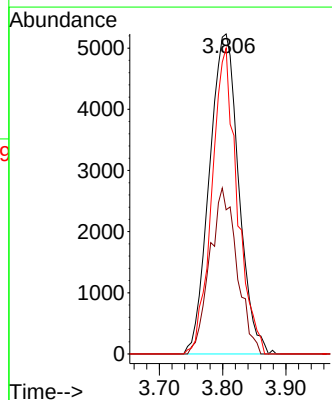
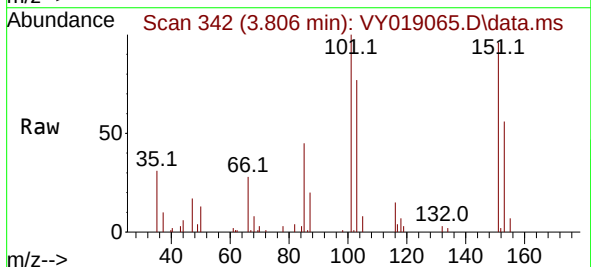
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0.5-1-081224

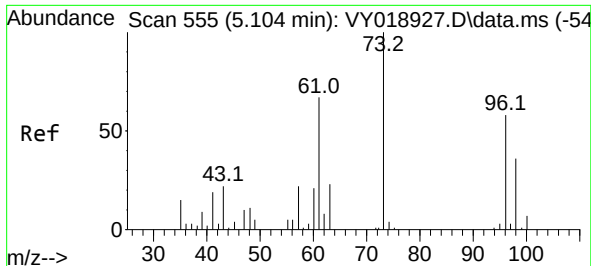
Tgt Ion:168 Resp: 21275
Ion Ratio Lower Upper
168 100
99 38.5 39.1 58.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 82.602 ug/l
RT: 3.806 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

Tgt Ion:101 Resp: 16855
Ion Ratio Lower Upper
101 100
85 47.9 34.5 51.7
151 82.6 61.7 92.5

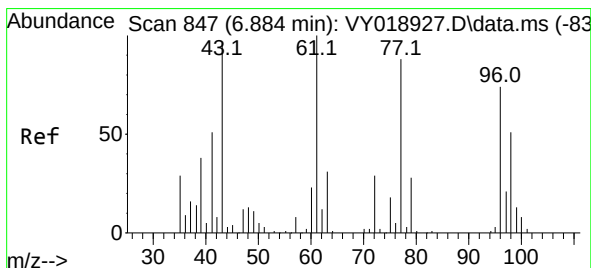
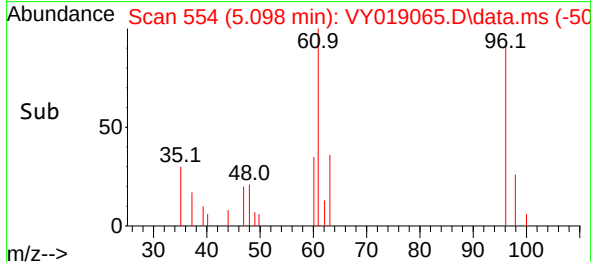
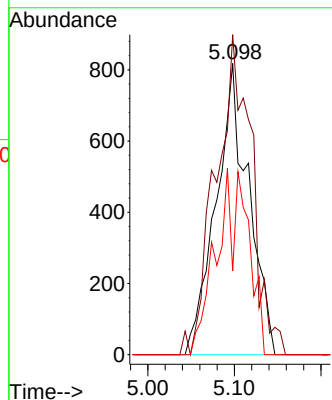
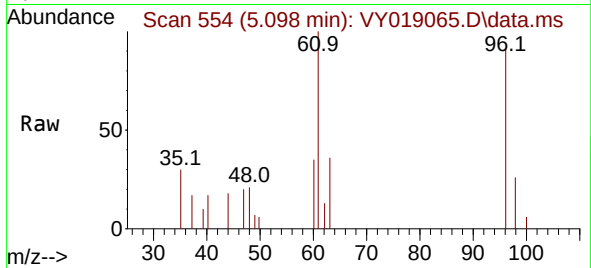




#21
trans-1,2-Dichloroethene
Concen: 10.052 ug/l
RT: 5.098 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

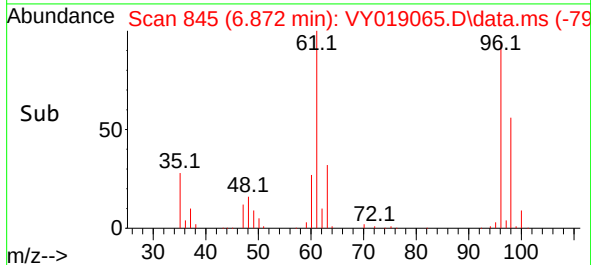
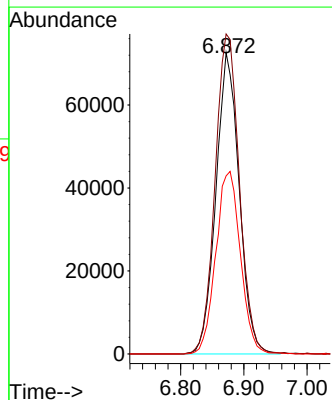
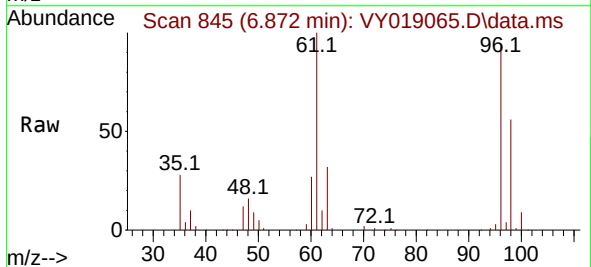
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0.5-1-081224

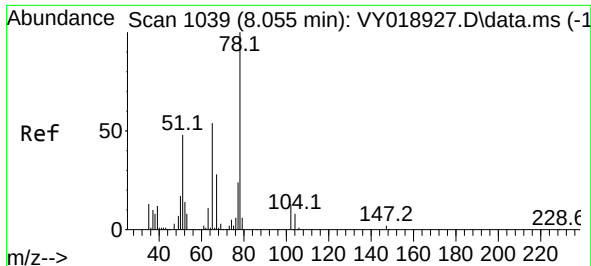
Tgt Ion: 96 Resp: 2144
Ion Ratio Lower Upper
96 100
61 109.9 97.5 146.3
98 28.7 50.5 75.7#



#27
cis-1,2-Dichloroethene
Concen: 725.869 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

Tgt Ion: 96 Resp: 185242
Ion Ratio Lower Upper
96 100
61 110.5 0.0 256.2
98 64.3 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 33.181 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019065.D

Acq: 14 Aug 2024 17:55

Instrument :

MSVOA_Y

ClientSampleId :

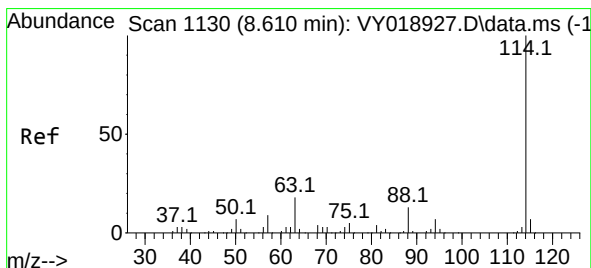
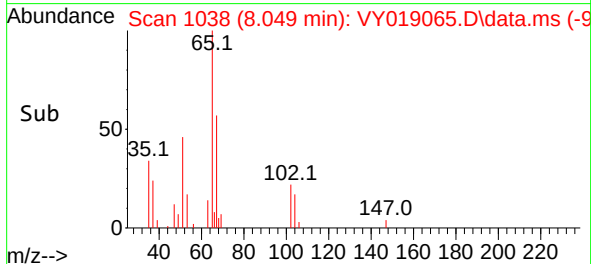
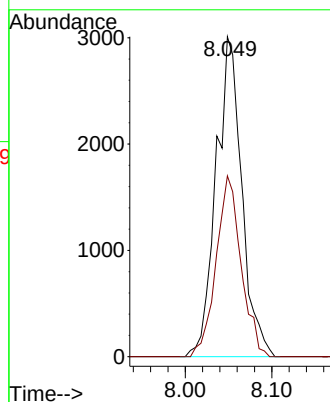
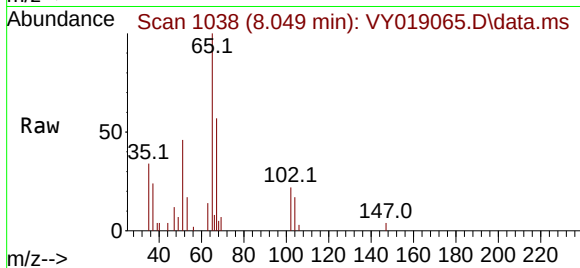
925-K1-SD-0.5-1-081224

Tgt Ion: 65 Resp: 6198

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019065.D

Acq: 14 Aug 2024 17:55

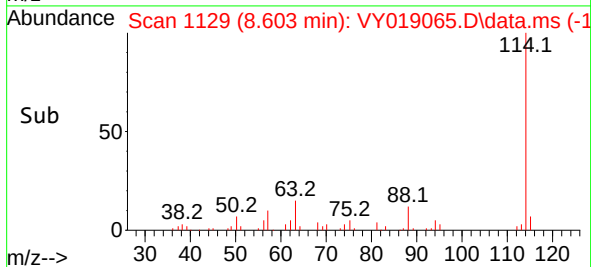
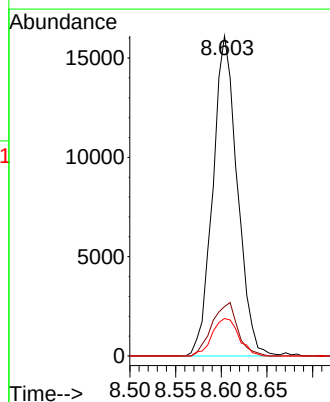
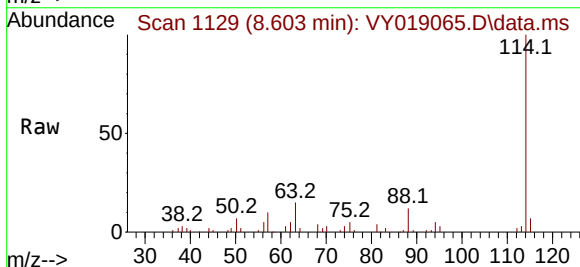
Tgt Ion: 114 Resp: 30111

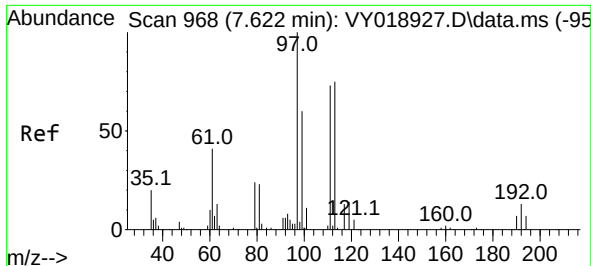
Ion Ratio Lower Upper

114 100

63 15.4 0.0 35.0

88 11.7 0.0 27.2

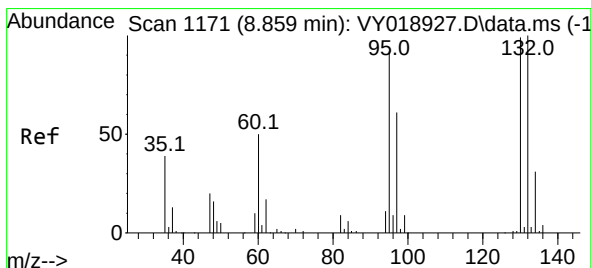
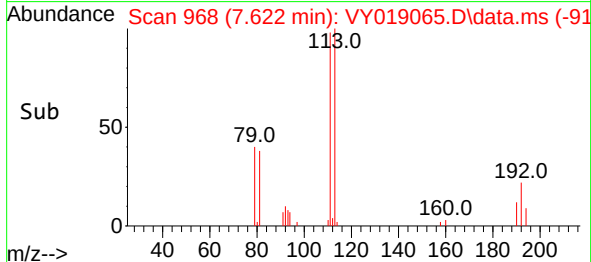
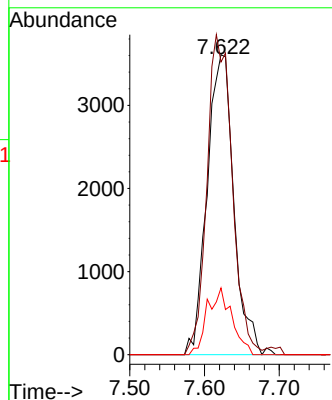
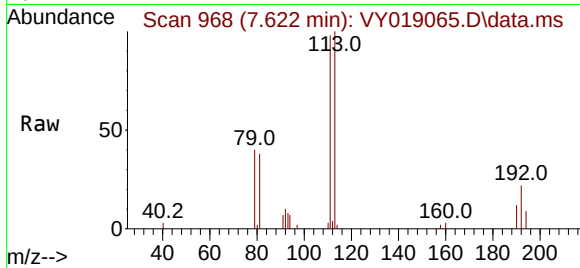




#35
Dibromofluoromethane
Concen: 46.736 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

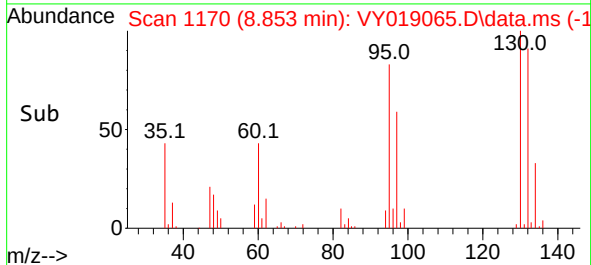
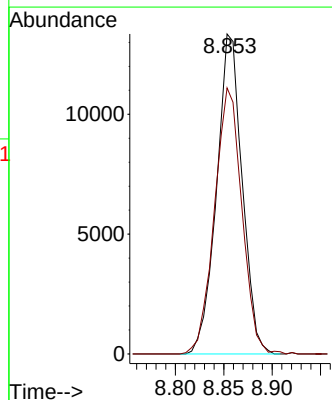
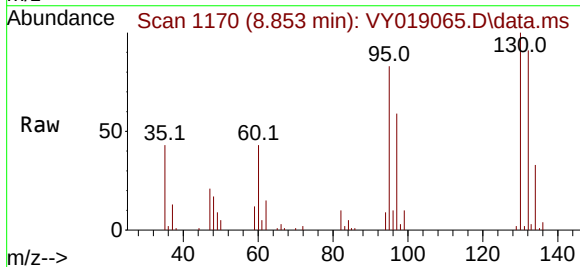
Instrument :
MSVOA_Y
ClientSampleId :
925-K1-SD-0.5-1-081224

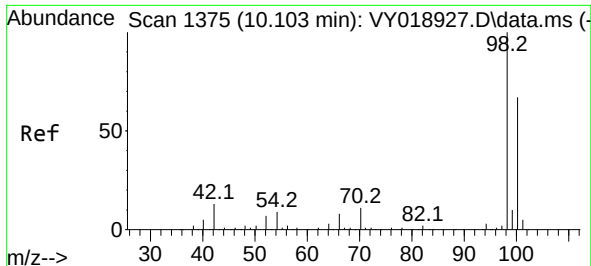
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	20.3	15.9	23.9



#44
Trichloroethene
Concen: 112.218 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	83.1	0.0	188.0

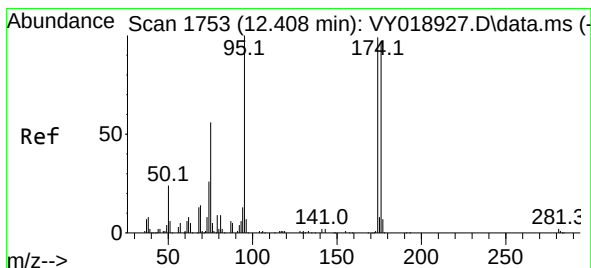
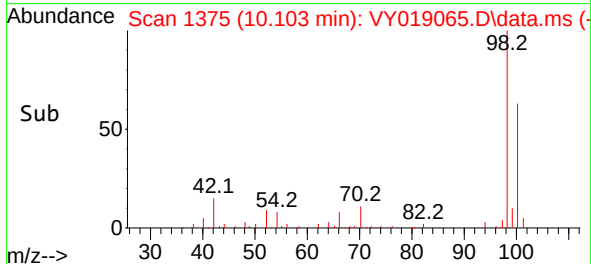
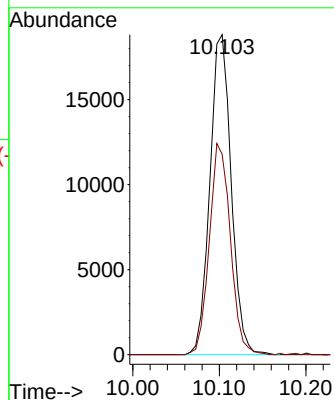
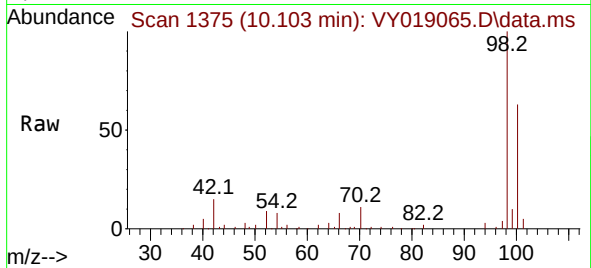




#50
Toluene-d8
Concen: 43.604 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

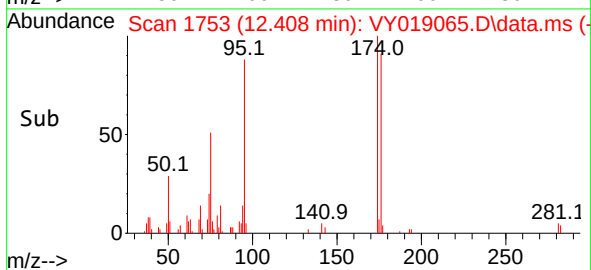
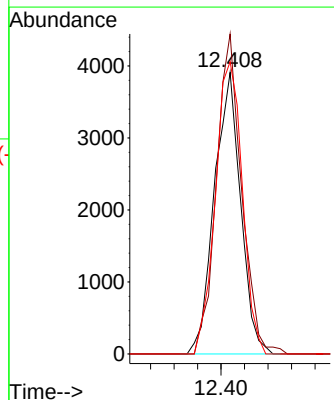
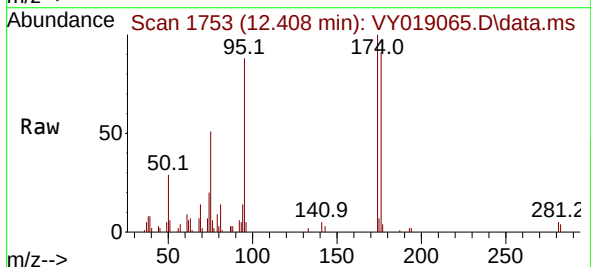
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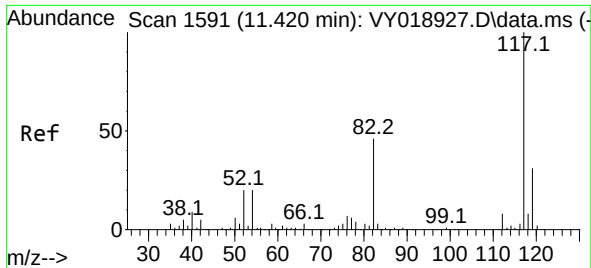
Tgt Ion: 98 Resp: 32210
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.592 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

Tgt Ion: 95 Resp: 6047
Ion Ratio Lower Upper
95 100
174 109.7 0.0 175.6
176 107.0 0.0 171.4

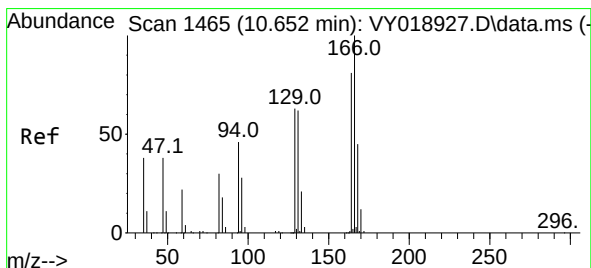
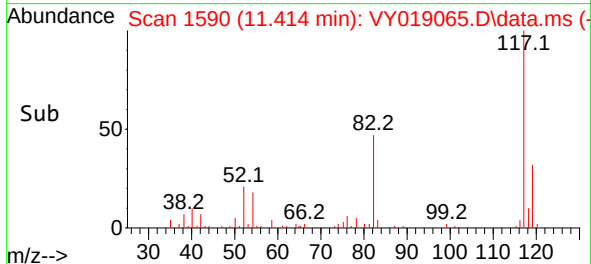
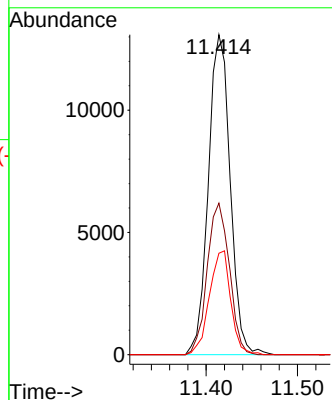
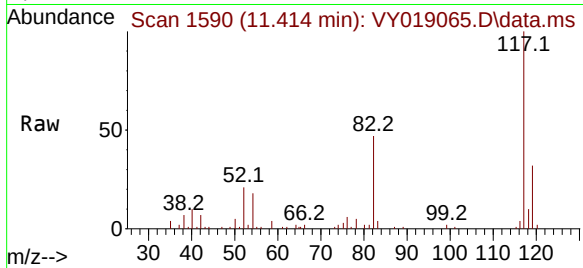




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

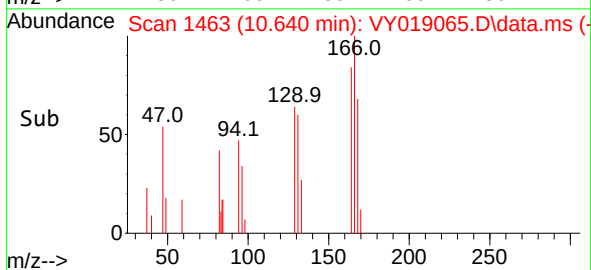
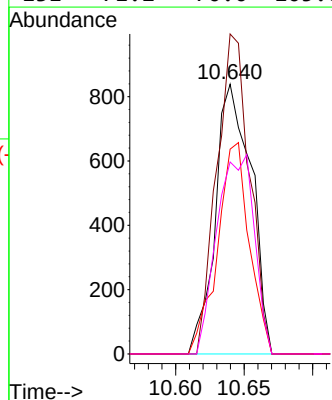
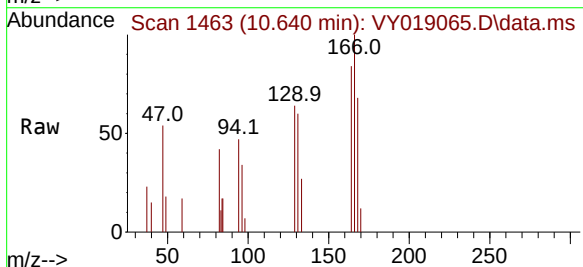
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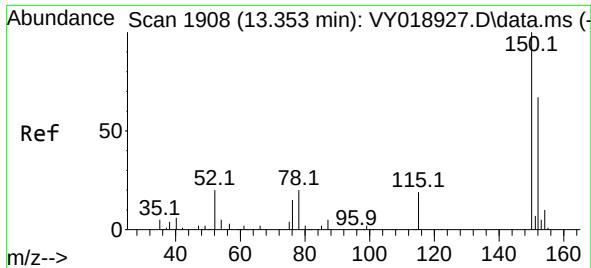
Tgt Ion:117	Resp:	21711
Ion	Ratio	Lower Upper
117	100	
82	47.3	42.4 63.6
119	31.7	25.9 38.9



#64
Tetrachloroethene
Concen: 8.390 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.012 min
Lab File: VY019065.D
Acq: 14 Aug 2024 17:55

Tgt Ion:164	Resp:	1527
Ion	Ratio	Lower Upper
164	100	
166	118.6	102.6 154.0
129	75.9	72.0 108.0
131	71.2	70.0 105.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019065.D

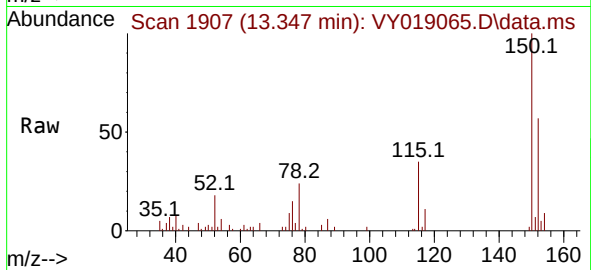
Acq: 14 Aug 2024 17:55

Instrument :

MSVOA_Y

ClientSampleId :

925-K1-SD-0.5-1-081224



Tgt Ion:152 Resp: 7179

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 152.7 0.0 345.6

