

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019056.D
 Acq On : 14 Aug 2024 14:12
 Operator : SY/MD
 Sample : P3580-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 926-K1-SD-0-0.5-081224

Quant Time: Aug 14 21:46:17 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)

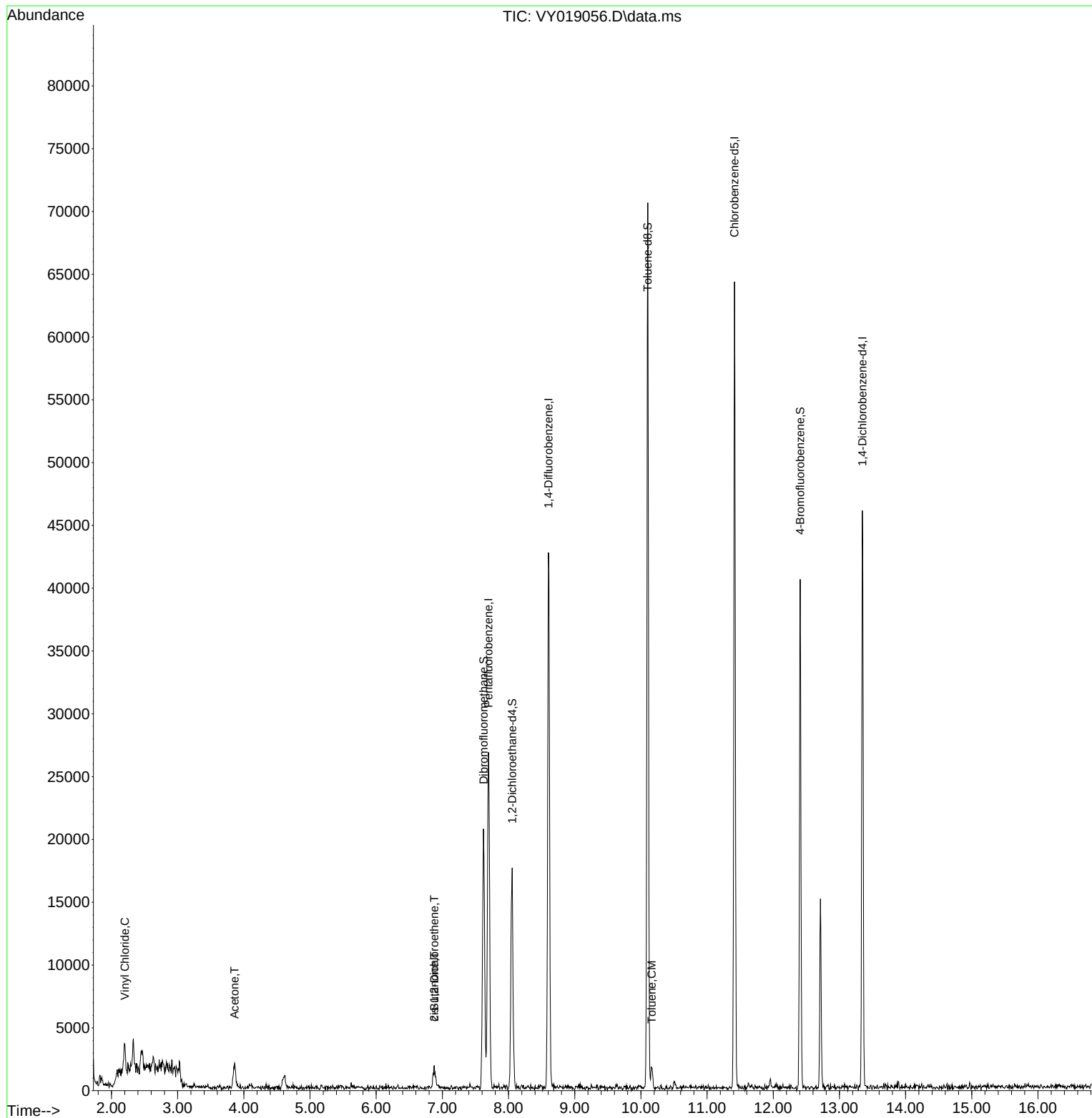
Internal Standards						
1) Pentafluorobenzene	7.695	168	22408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	36591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	31191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	11193	56.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.780%
35) Dibromofluoromethane	7.622	113	11929	51.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.103	98	41680	46.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.407	95	9905	37.192	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.380%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.202	62	1878	3.638	ug/l #	87
16) Acetone	3.860	43	3322	75.374	ug/l	92
25) 2-Butanone	6.878	43	1194	18.744	ug/l	90
27) cis-1,2-Dichloroethene	6.878	96	413	1.537	ug/l	80
52) Toluene	10.164	92	864	1.394	ug/l	79

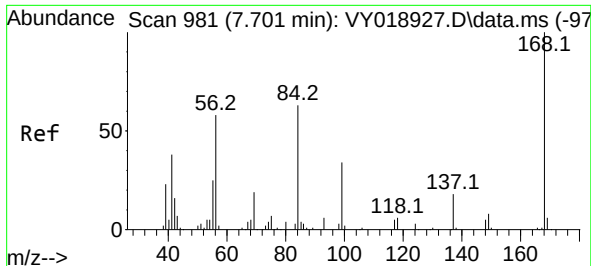
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
Data File : VY019056.D
Acq On : 14 Aug 2024 14:12
Operator : SY/MD
Sample : P3580-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224

Quant Time: Aug 14 21:46:17 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

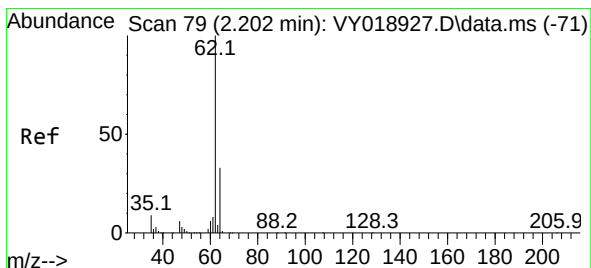
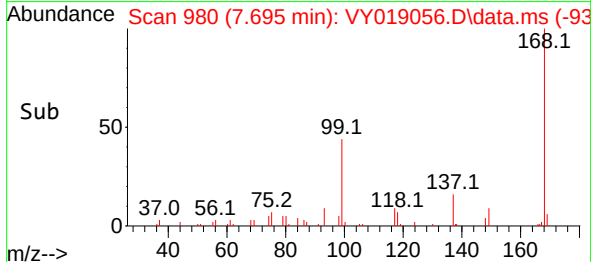
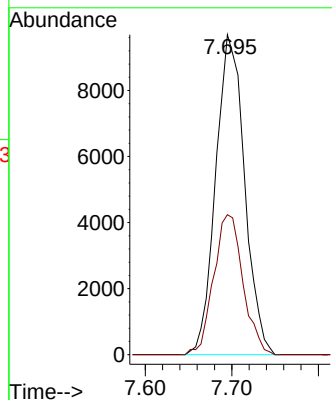
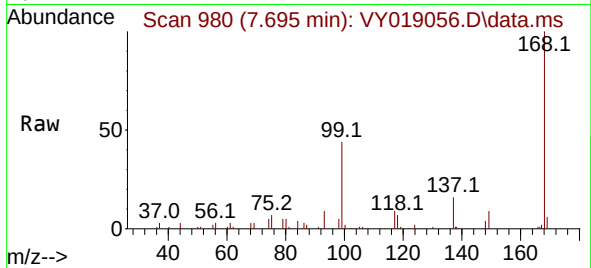




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

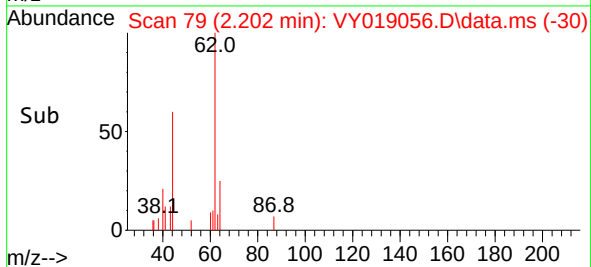
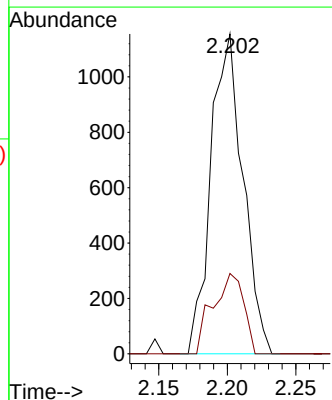
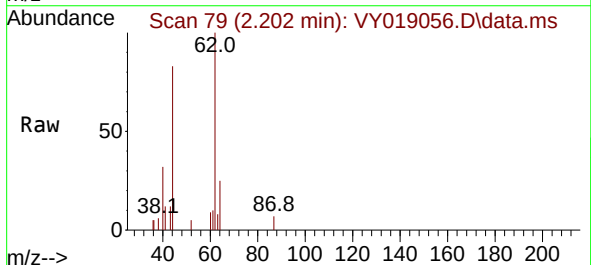
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224

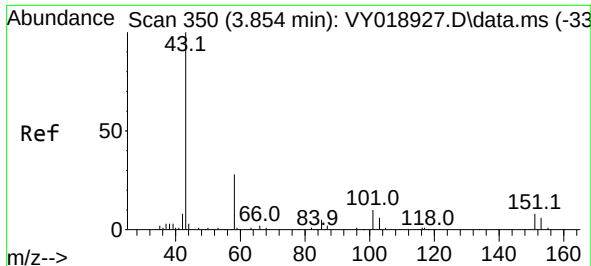
Tgt Ion:168 Resp: 22408
Ion Ratio Lower Upper
168 100
99 43.7 39.1 58.7



#4
Vinyl Chloride
Concen: 3.638 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

Tgt Ion: 62 Resp: 1878
Ion Ratio Lower Upper
62 100
64 25.1 26.1 39.1#

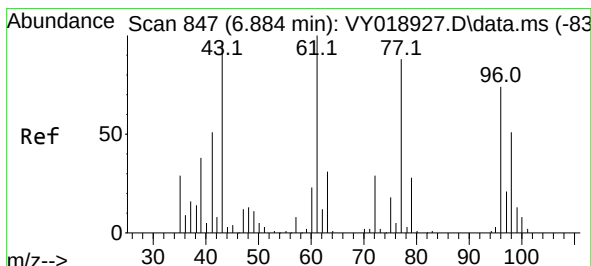
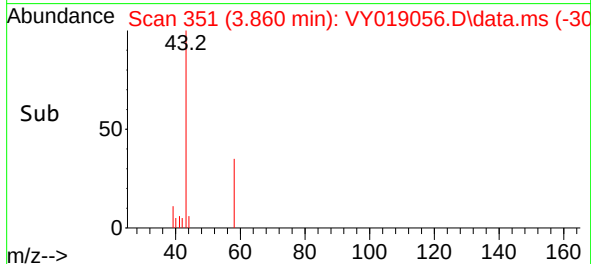
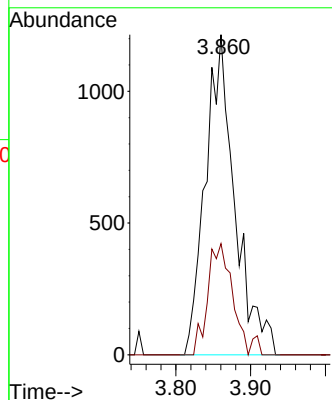
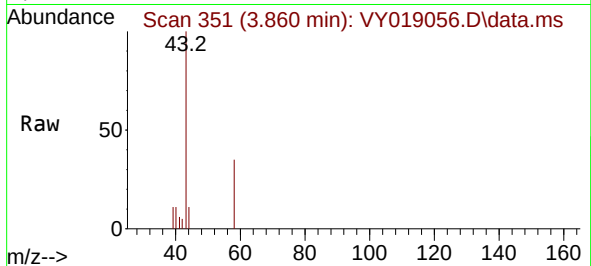




#16
Acetone
Concen: 75.374 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

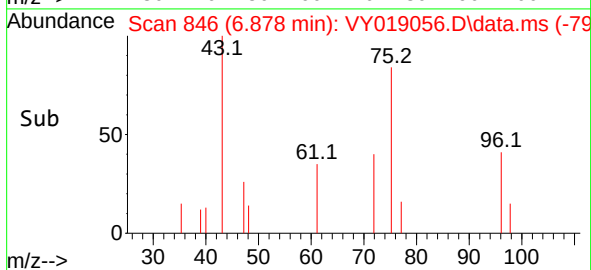
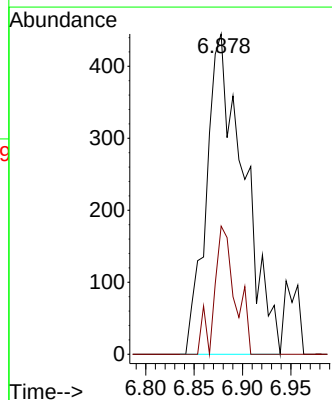
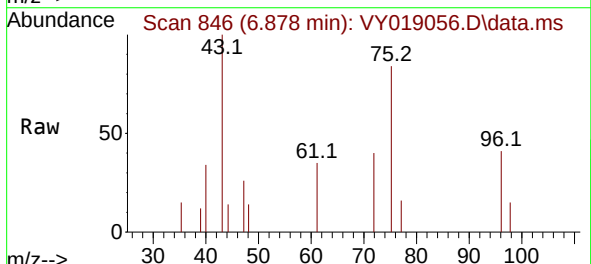
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224

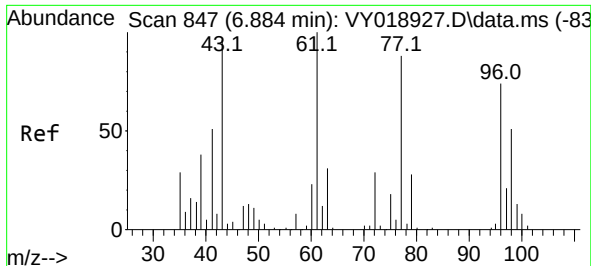
Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
58 34.7 31.7 47.5



#25
2-Butanone
Concen: 18.744 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
72 40.0 27.3 40.9





#27

cis-1,2-Dichloroethene

Concen: 1.537 ug/l

RT: 6.878 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY019056.D

Acq: 14 Aug 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

926-K1-SD-0-0.5-081224

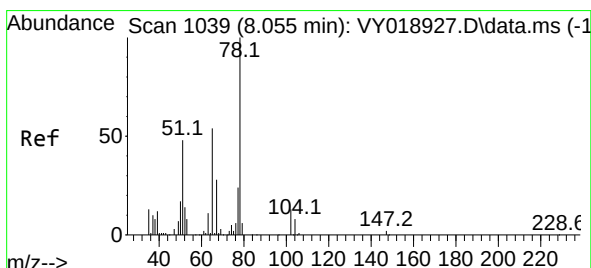
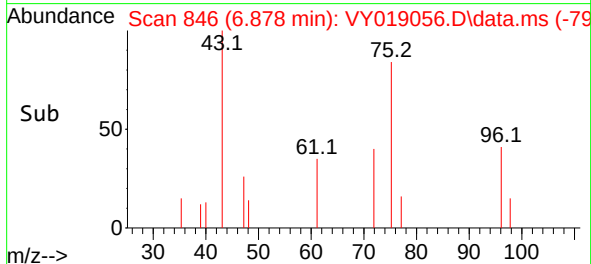
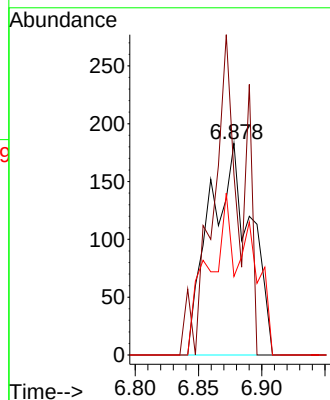
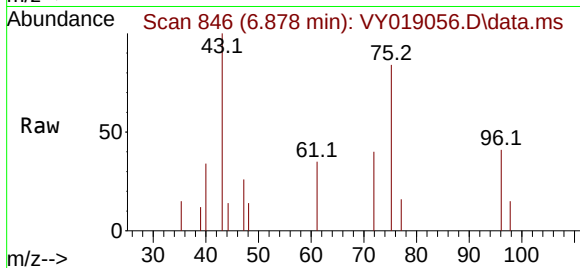
Tgt Ion: 96 Resp: 413

Ion Ratio Lower Upper

96 100

61 104.1 0.0 256.2

98 51.6 0.0 130.0



#33

1,2-Dichloroethane-d4

Concen: 56.892 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY019056.D

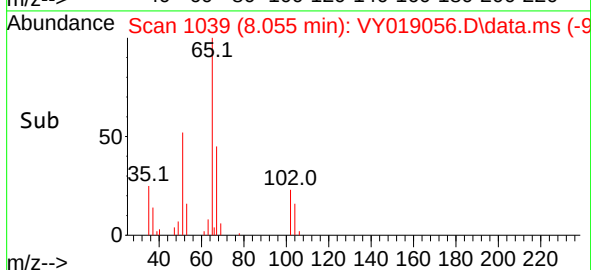
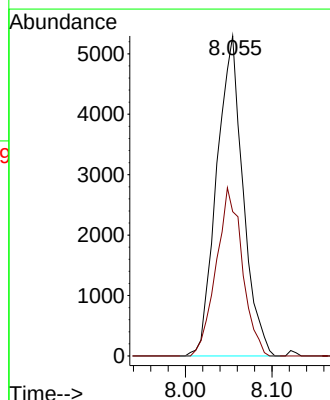
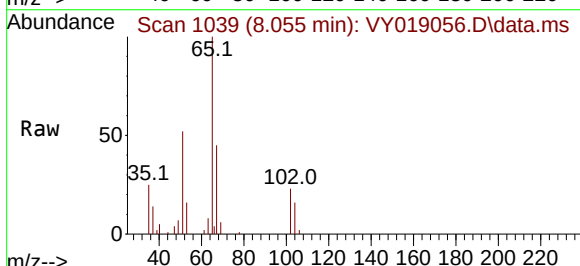
Acq: 14 Aug 2024 14:12

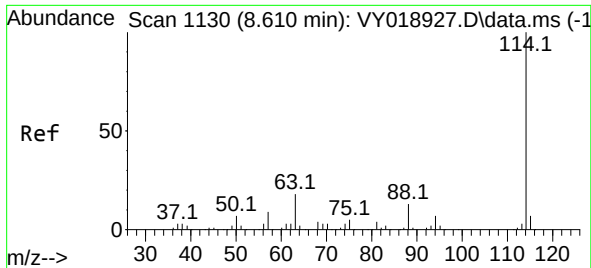
Tgt Ion: 65 Resp: 11193

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6

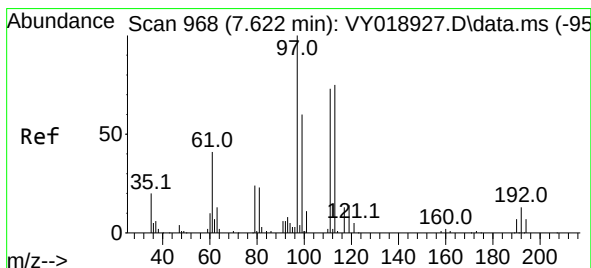
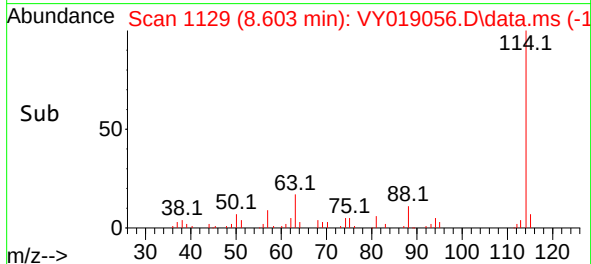
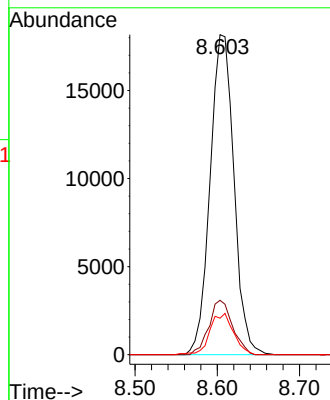
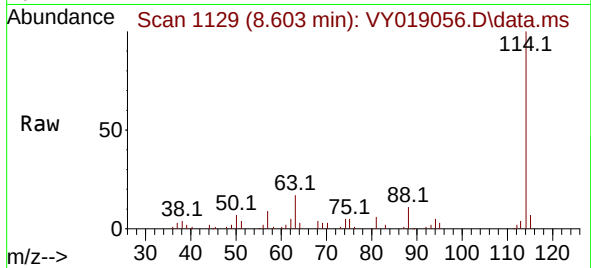




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

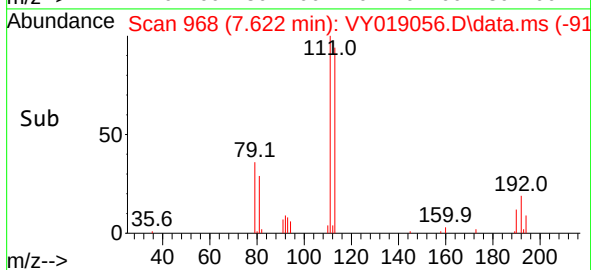
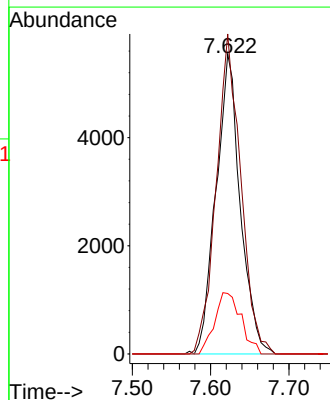
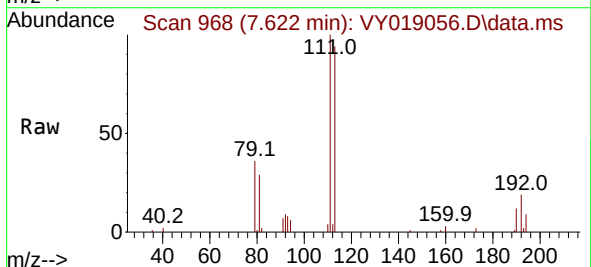
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224

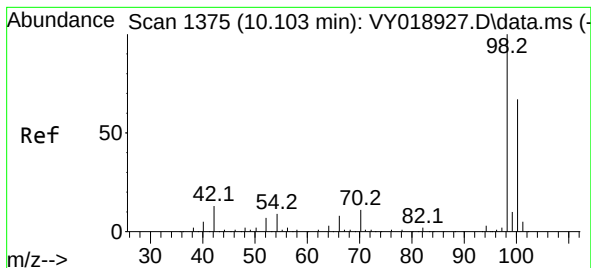
Tgt Ion:114 Resp: 36591
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 11.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.044 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

Tgt Ion:113 Resp: 11929
Ion Ratio Lower Upper
113 100
111 108.0 82.2 123.4
192 22.2 15.9 23.9





#50

Toluene-d8

Concen: 46.432 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019056.D

Acq: 14 Aug 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

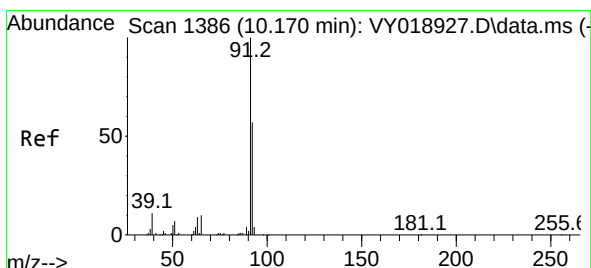
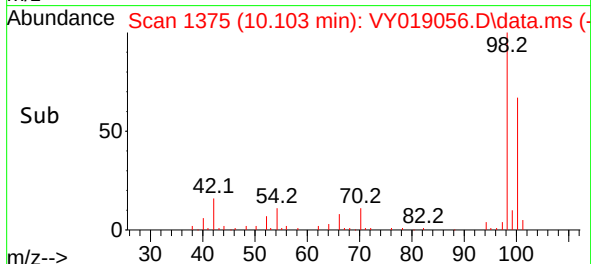
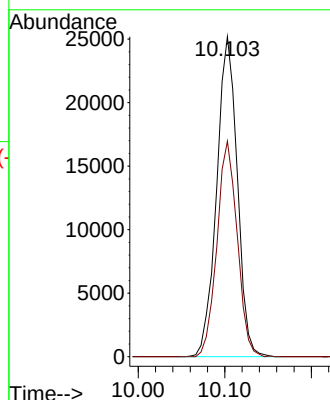
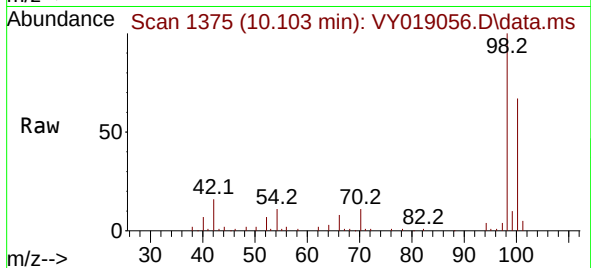
926-K1-SD-0-0.5-081224

Tgt Ion: 98 Resp: 41680

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#52

Toluene

Concen: 1.394 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY019056.D

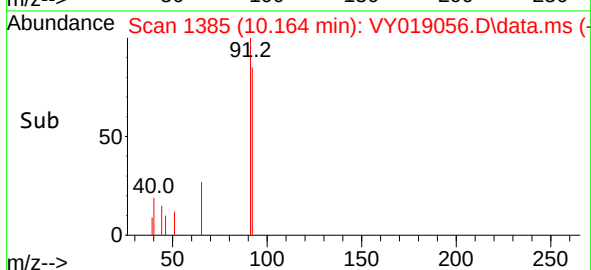
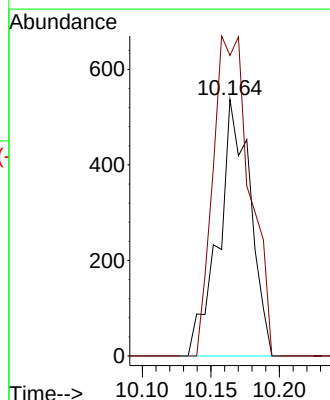
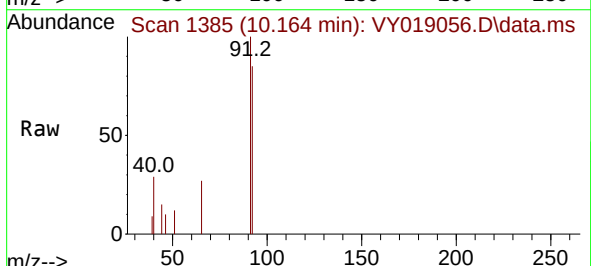
Acq: 14 Aug 2024 14:12

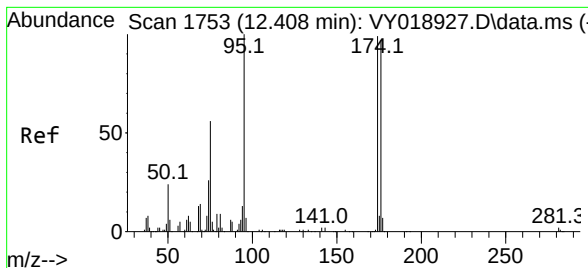
Tgt Ion: 92 Resp: 864

Ion Ratio Lower Upper

92 100

91 145.1 139.0 208.6

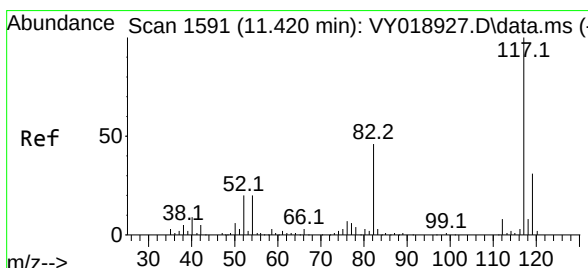
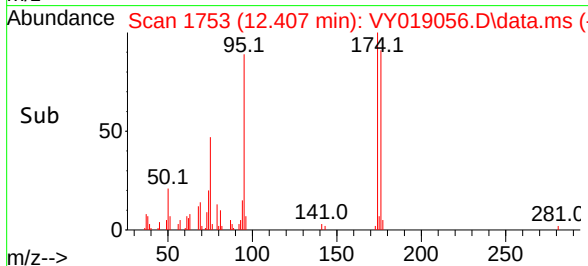
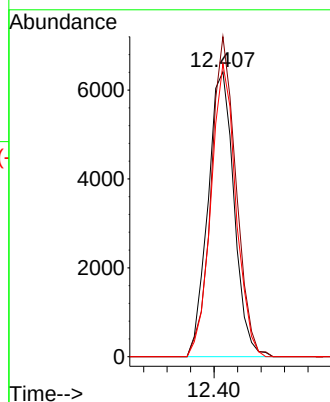
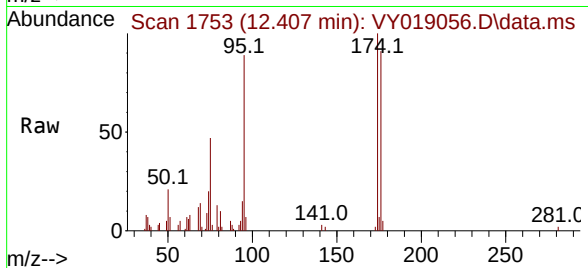




#62
4-Bromofluorobenzene
Concen: 37.192 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

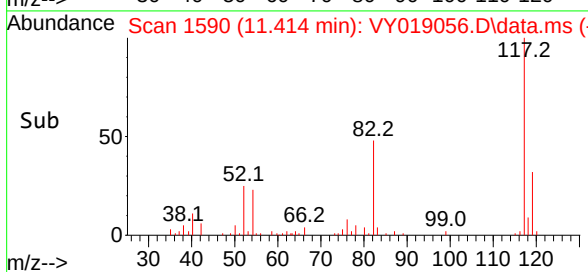
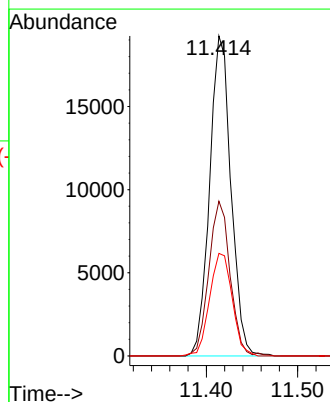
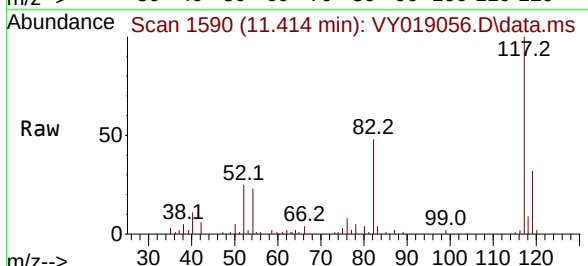
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224

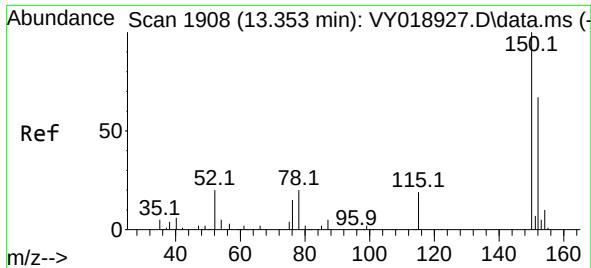
Tgt Ion:	95	Resp:	9905
Ion	Ratio	Lower	Upper
95	100		
174	107.2	0.0	175.6
176	97.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019056.D
Acq: 14 Aug 2024 14:12

Tgt Ion:	117	Resp:	31191
Ion	Ratio	Lower	Upper
117	100		
82	48.4	42.4	63.6
119	32.1	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019056.D

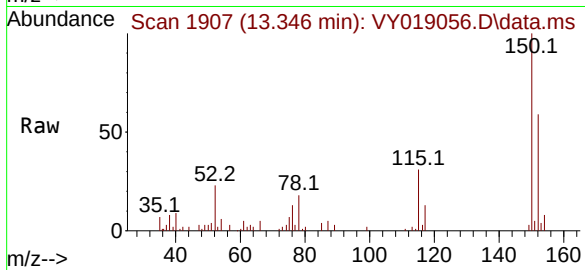
Acq: 14 Aug 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

926-K1-SD-0-0.5-081224



Tgt Ion:152 Resp: 10449

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 168.8 0.0 345.6

