

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019147.D
 Acq On : 20 Aug 2024 13:39
 Operator : SY/MD
 Sample : P3580-05RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 923-K1-SD-0-0.5-081224RE

Quant Time: Aug 21 01:29:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

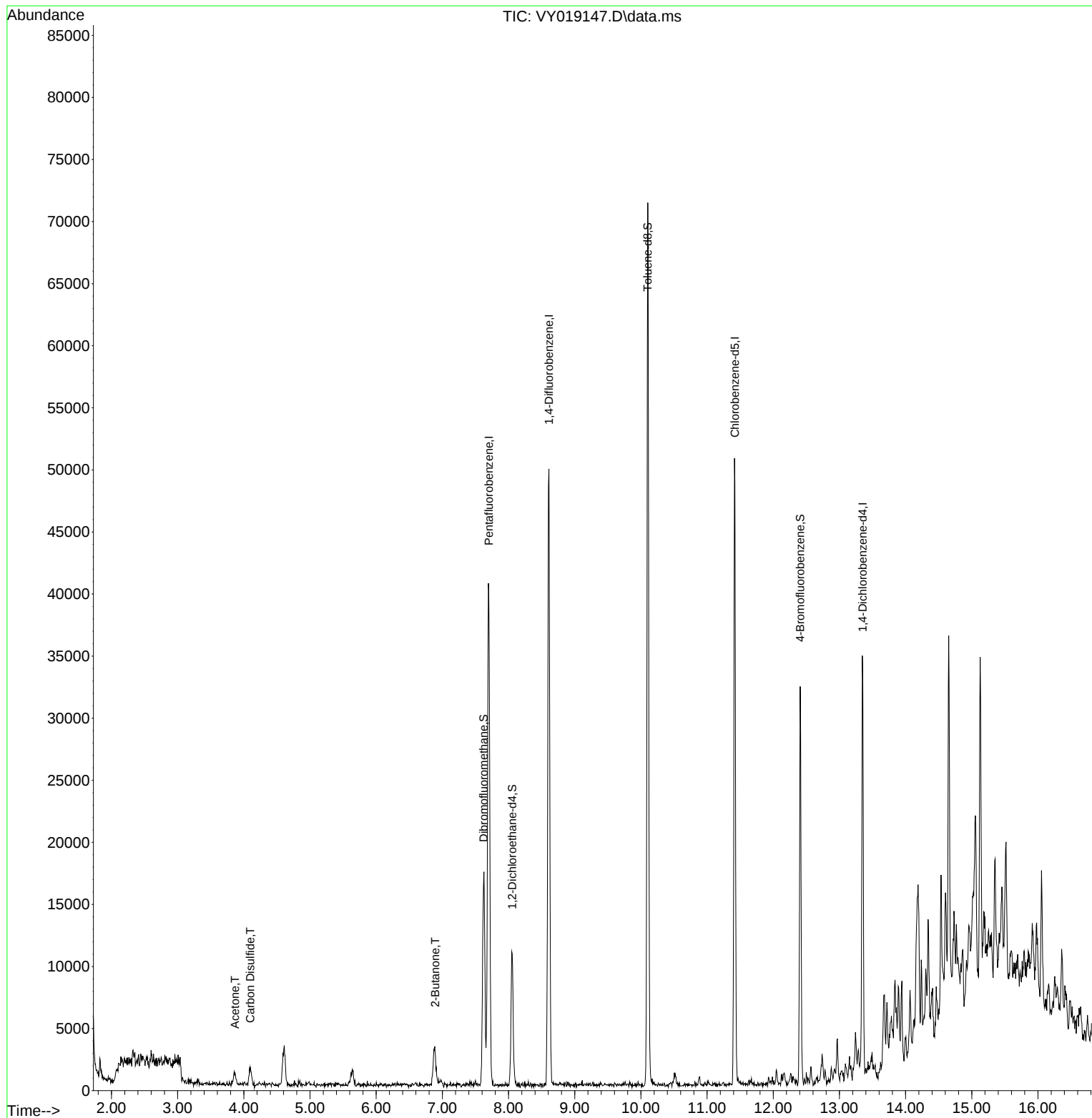
Internal Standards						
1) Pentafluorobenzene	7.701	168	32917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	44319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	27826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	7938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	8657	26.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.480%
35) Dibromofluoromethane	7.622	113	12296	42.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.860%
50) Toluene-d8	10.103	98	45633	43.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.408	95	8745	24.599	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.200%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	2003	32.732	ug/l	89
17) Carbon Disulfide	4.098	76	2644	2.855	ug/l #	95
25) 2-Butanone	6.890	43	717	7.275	ug/l	100

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

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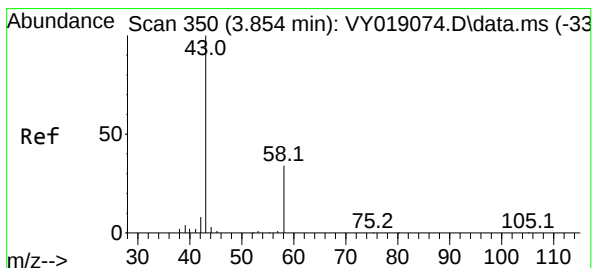
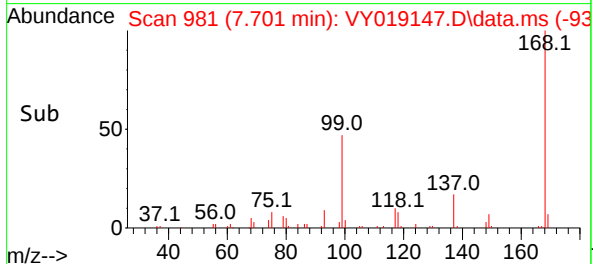
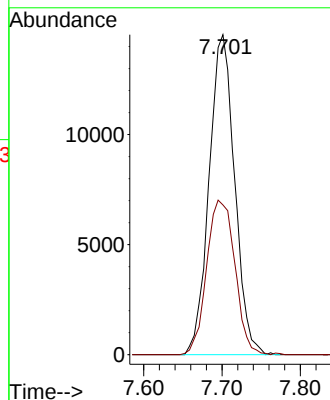
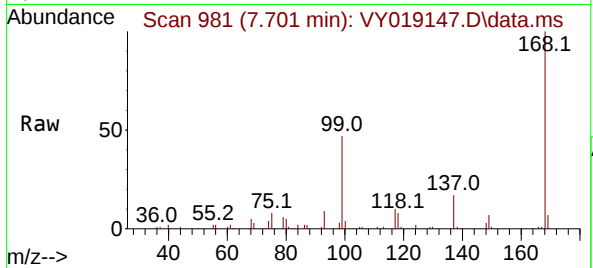




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

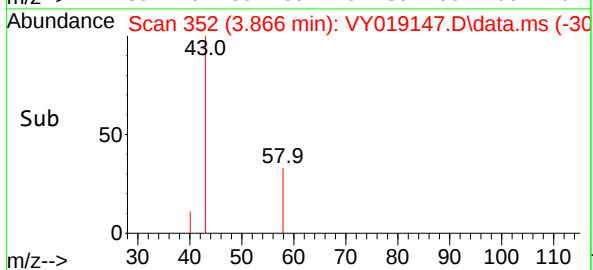
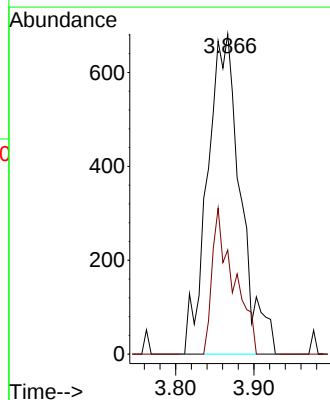
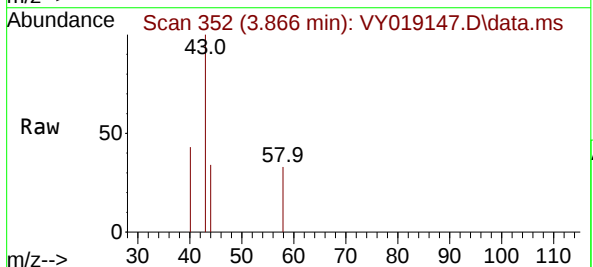
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0-0.5-081224RE

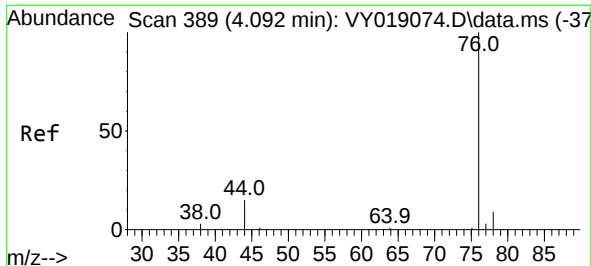
Tgt Ion:168 Resp: 32917
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 32.732 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 32.6 31.7 47.5

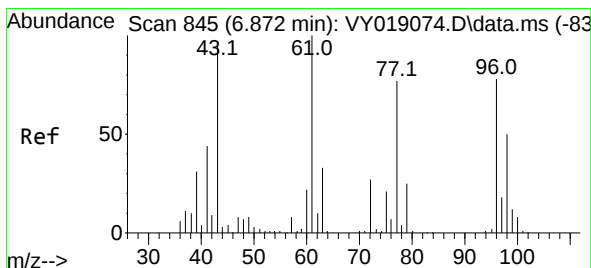
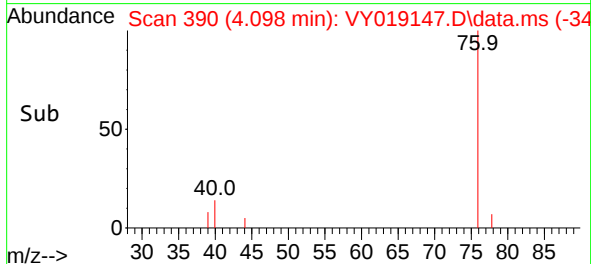
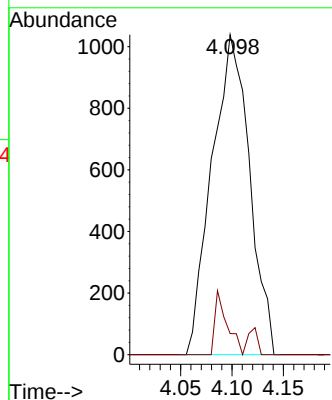
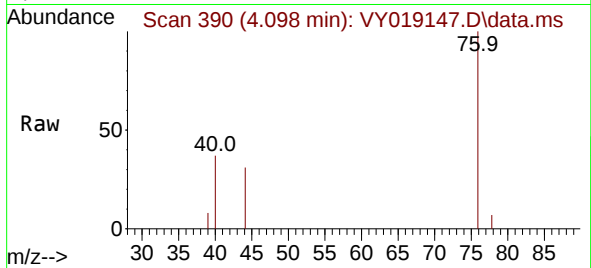




#17
Carbon Disulfide
Concen: 2.855 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

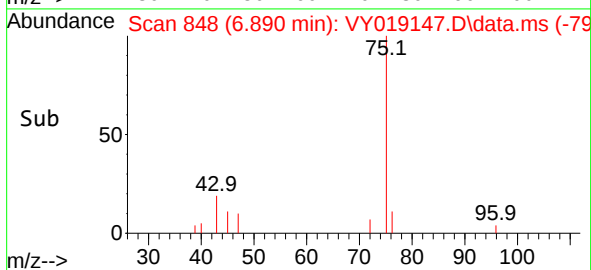
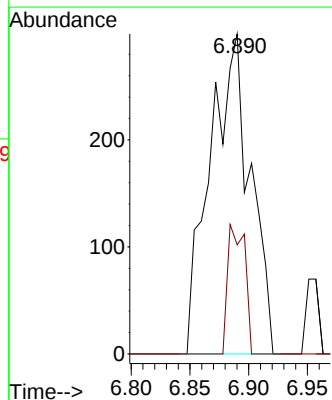
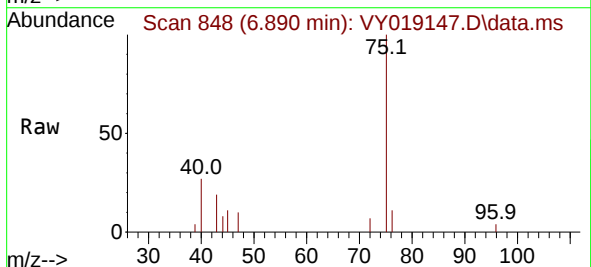
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0-0.5-081224RE

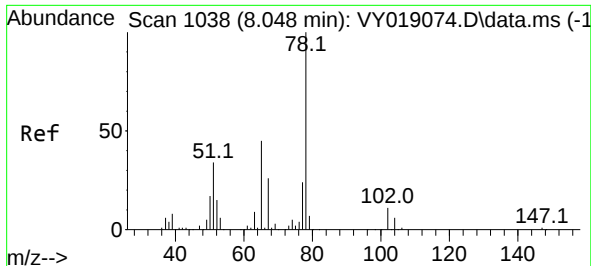
Tgt Ion: 76 Resp: 2644
Ion Ratio Lower Upper
76 100
78 6.6 6.8 10.2#



#25
2-Butanone
Concen: 7.275 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
72 34.1 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 26.236 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

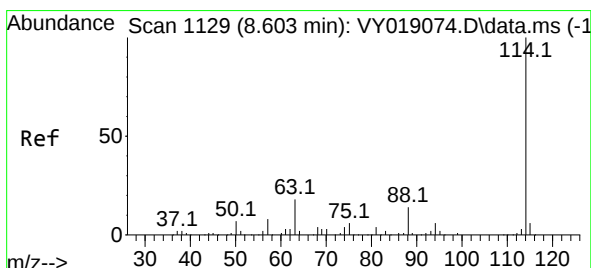
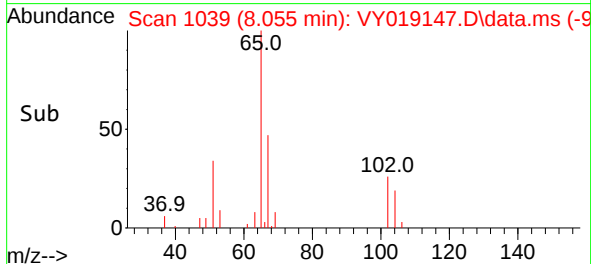
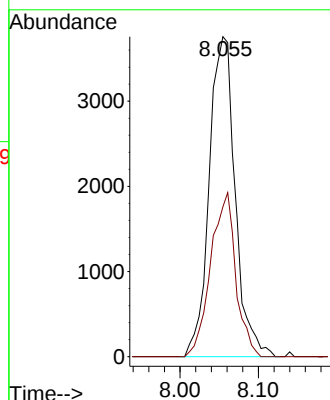
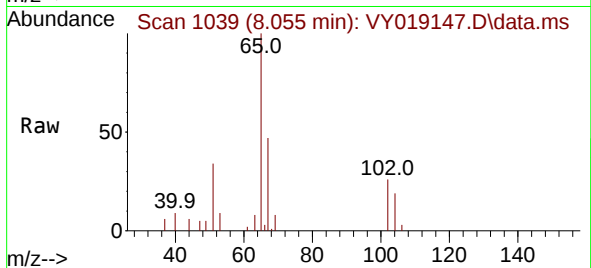
923-K1-SD-0-0.5-081224RE

Tgt Ion: 65 Resp: 8657

Ion Ratio Lower Upper

65 100

67 49.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

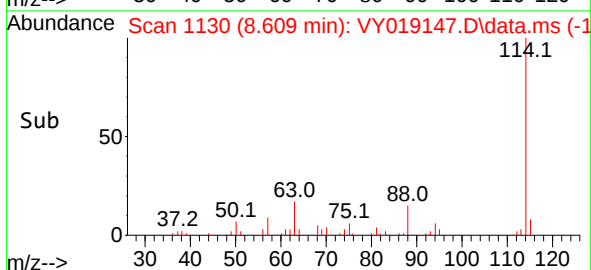
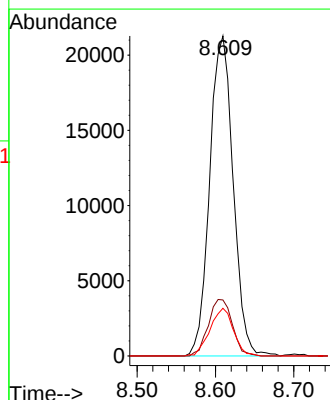
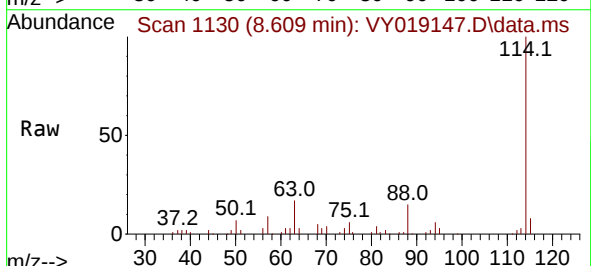
Tgt Ion: 114 Resp: 44319

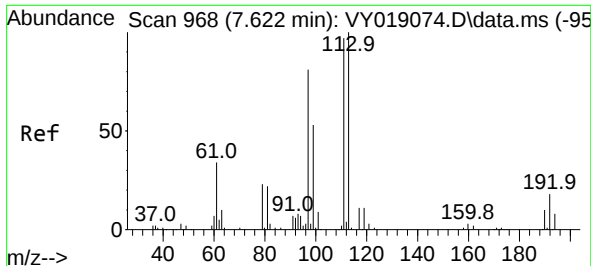
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.9 0.0 27.2

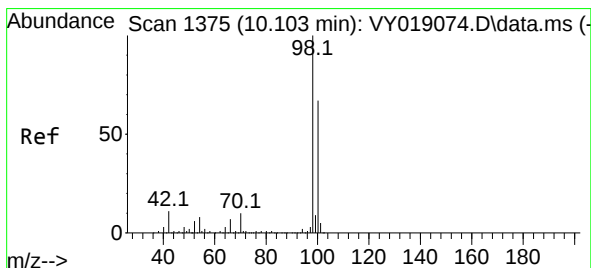
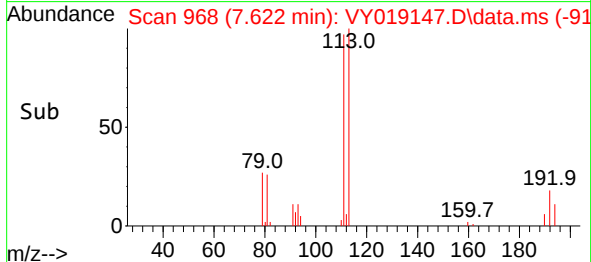
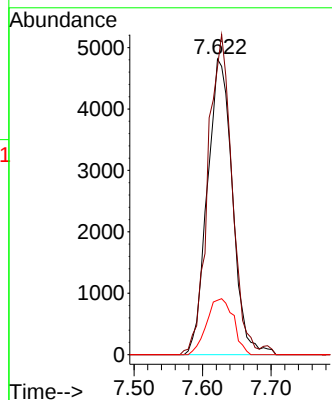
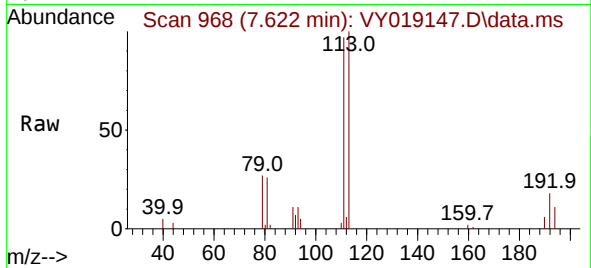




#35
Dibromofluoromethane
Concen: 42.432 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

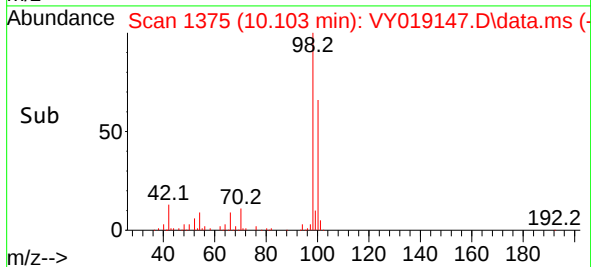
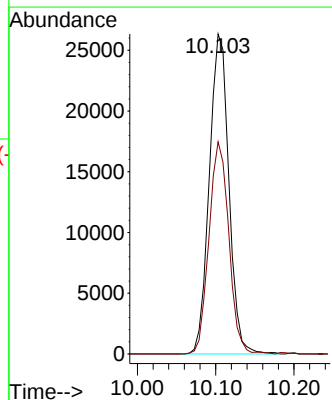
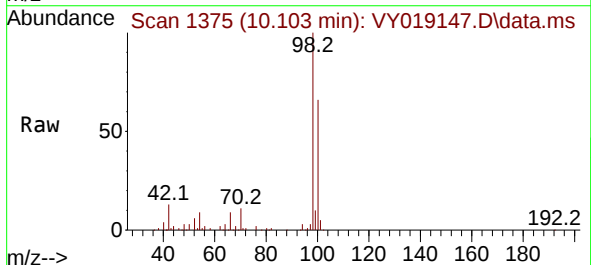
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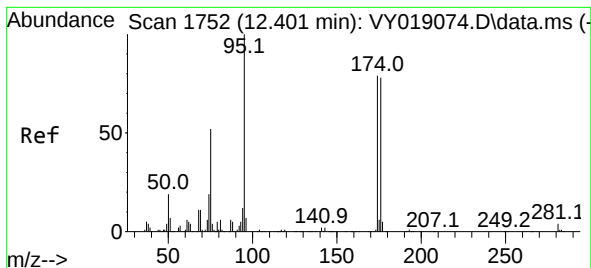
Tgt Ion:113 Resp: 12296
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 43.759 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 98 Resp: 45633
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 24.599 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

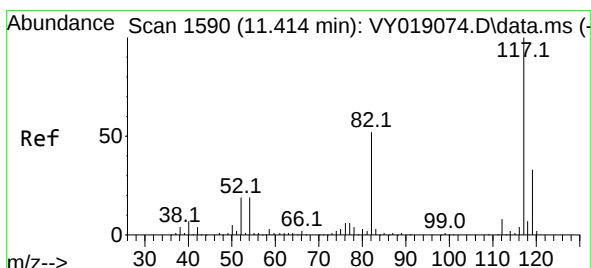
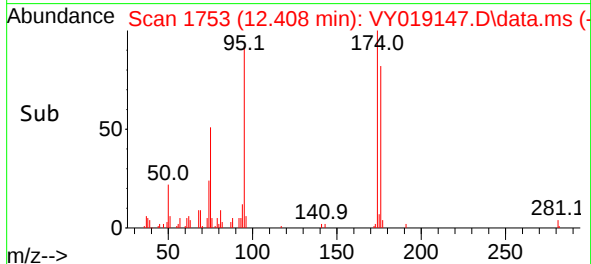
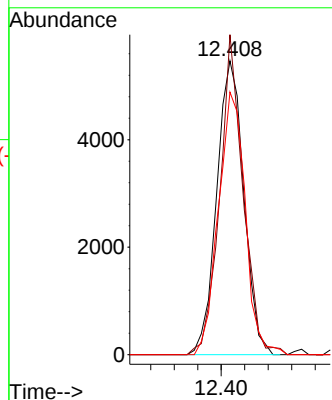
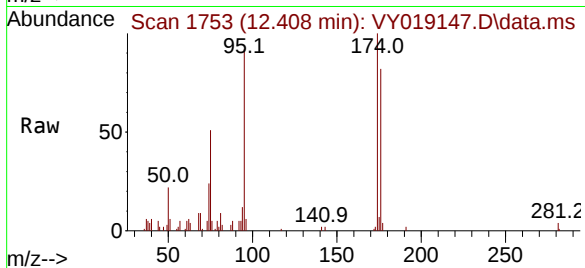
Instrument :

MSVOA_Y

ClientSampleId :

923-K1-SD-0-0.5-081224RE

Tgt Ion:	95	Resp:	8745
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	175.6
176	88.4	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

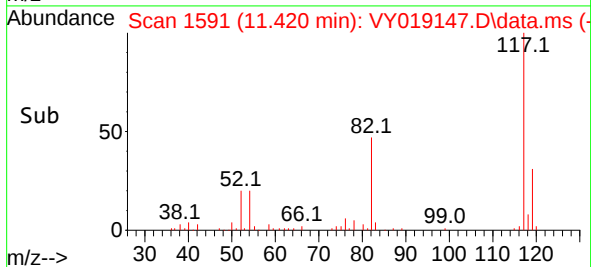
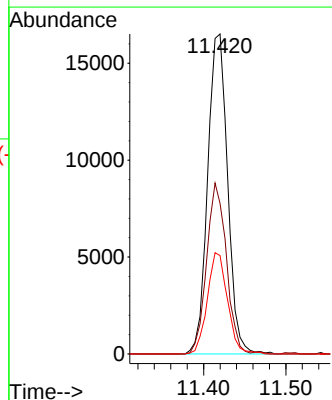
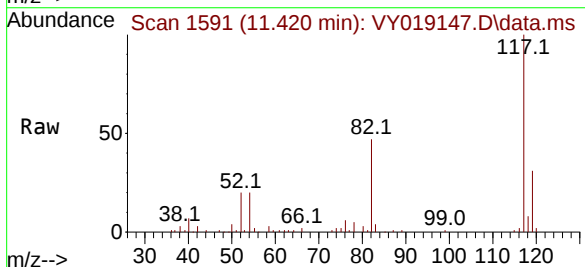
RT: 11.420 min Scan# 1591

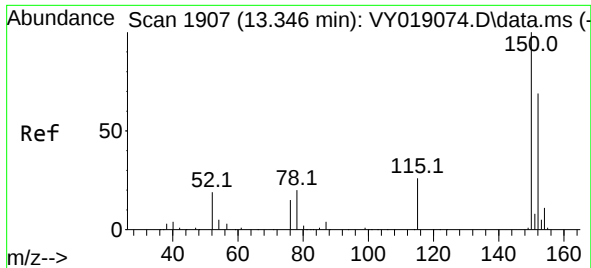
Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Tgt Ion:	117	Resp:	27826
Ion	Ratio	Lower	Upper
117	100		
82	47.0	42.4	63.6
119	30.8	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019147.D

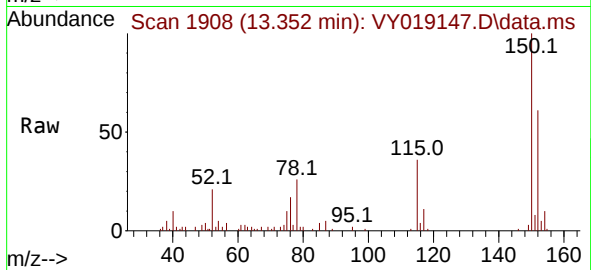
Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

923-K1-SD-0-0.5-081224RE



Tgt Ion:152 Resp: 7938

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 159.2 0.0 345.6

