

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019175.D
 Acq On : 21 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3643-01RE
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 932-K1-SD-0-0.5-081524RE

Quant Time: Aug 22 01:16:25 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)

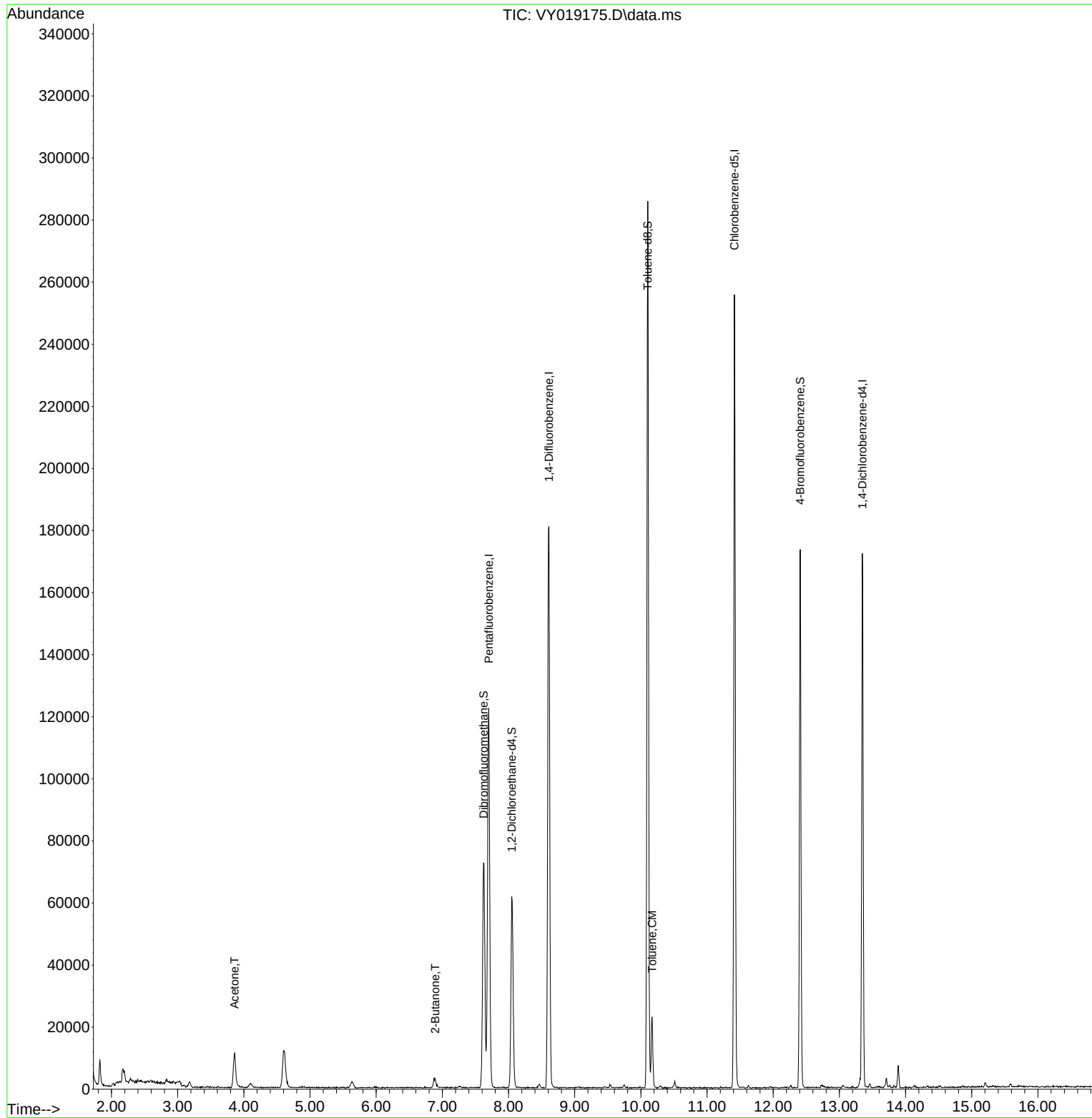
Internal Standards						
1) Pentafluorobenzene	7.701	168	96325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	164649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	132209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	43129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49331	51.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.180%
35) Dibromofluoromethane	7.622	113	52501	48.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.103	98	182848	47.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.408	95	50677	38.371	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.740%
Target Compounds						
16) Acetone	3.860	43	17961	100.301	ug/l	93
25) 2-Butanone	6.890	43	5596	19.404	ug/l #	82
52) Toluene	10.170	92	9177	3.083	ug/l	98

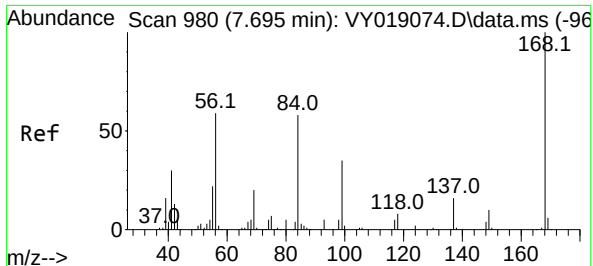
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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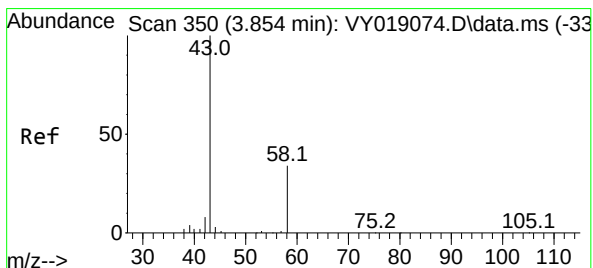
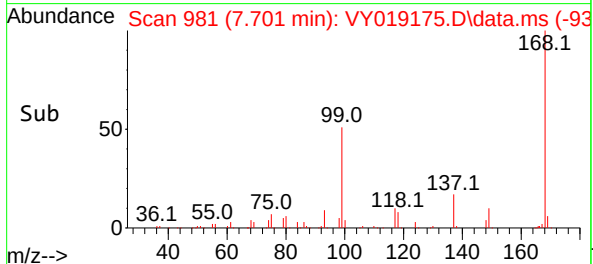
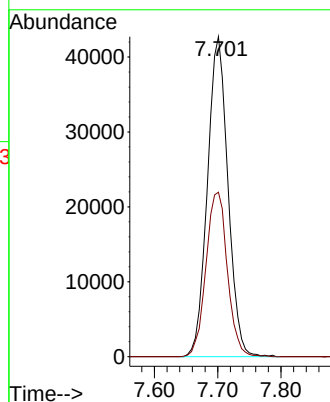
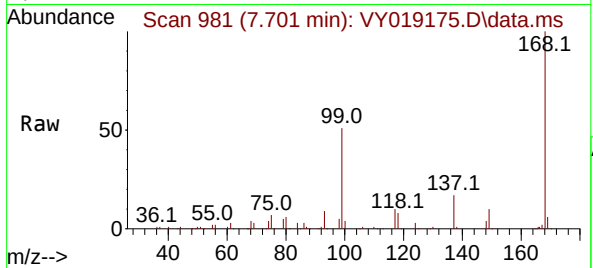




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

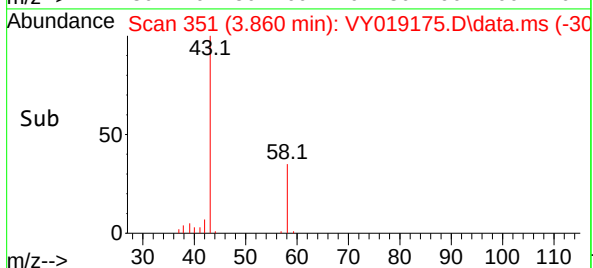
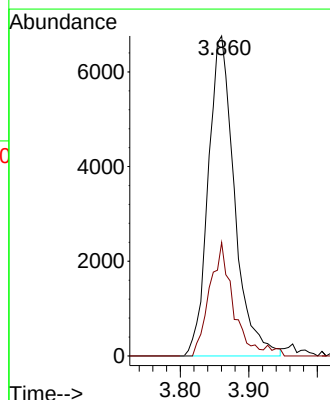
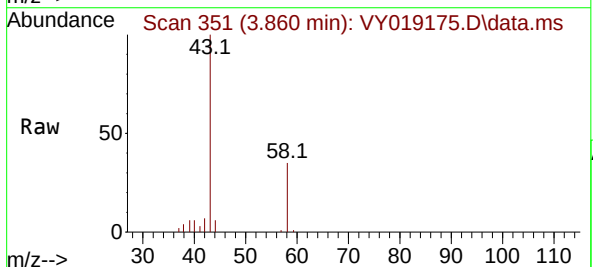
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524RE

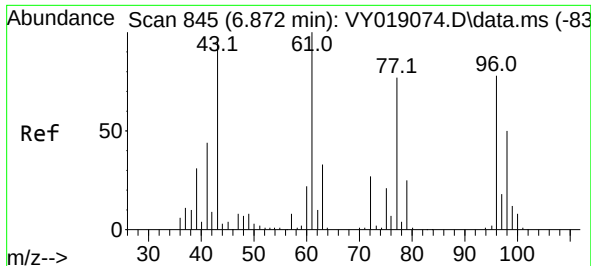
Tgt Ion:168 Resp: 96325
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#16
Acetone
Concen: 100.301 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 43 Resp: 17961
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

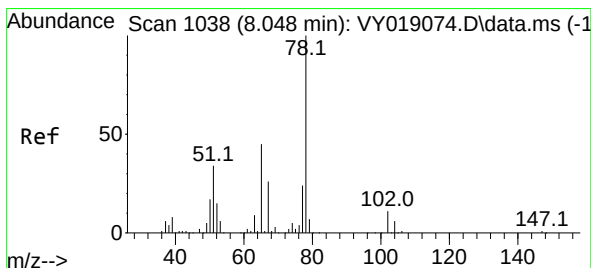
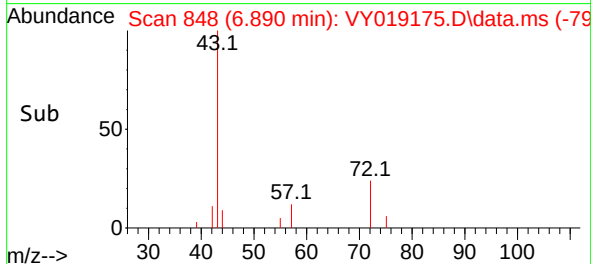
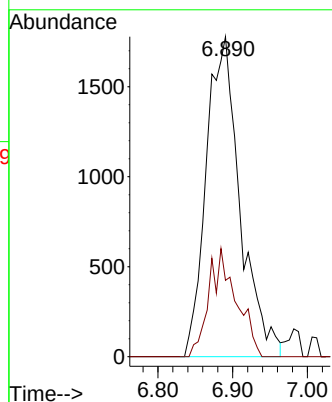
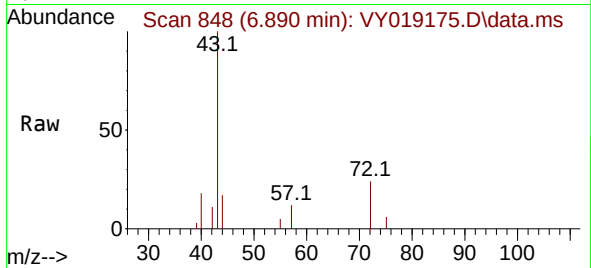




#25
2-Butanone
Concen: 19.404 ug/l
RT: 6.890 min Scan# 845
Delta R.T. 0.019 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

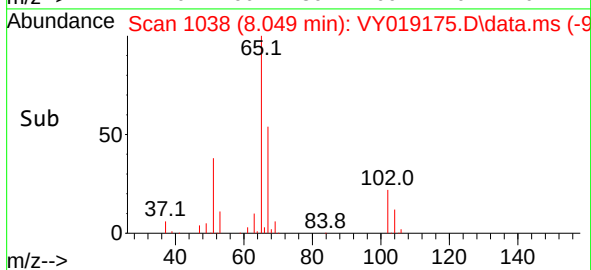
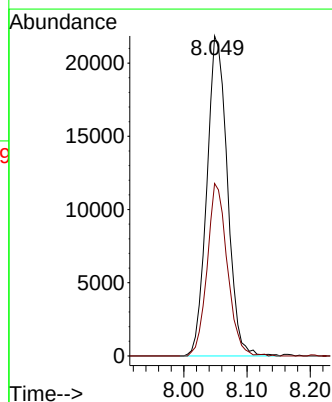
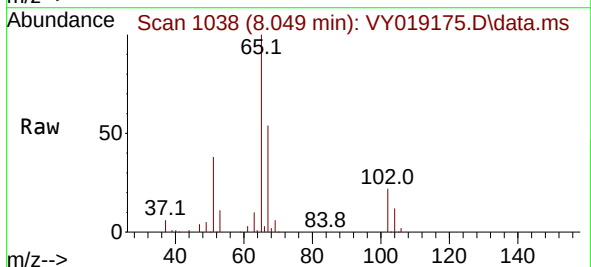
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524RE

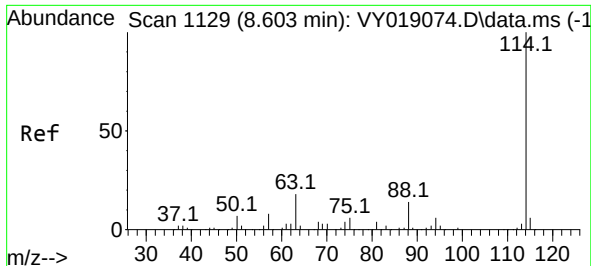
Tgt Ion: 43 Resp: 5596
Ion Ratio Lower Upper
43 100
72 23.8 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.089 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 65 Resp: 49331
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

932-K1-SD-0-0.5-081524RE

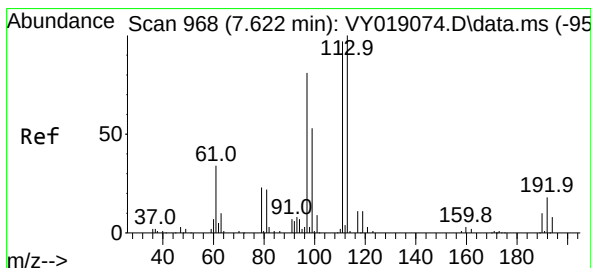
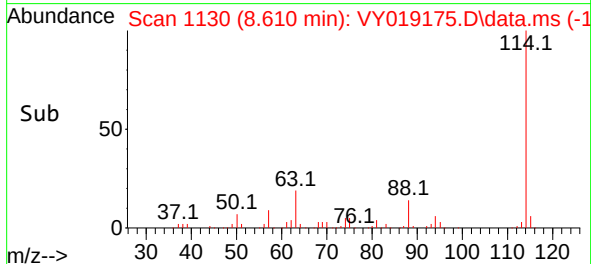
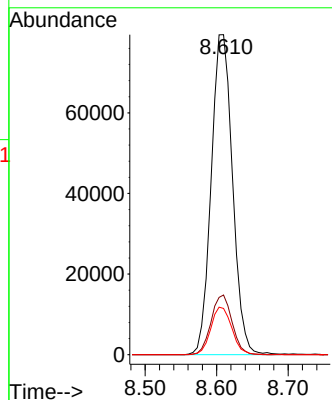
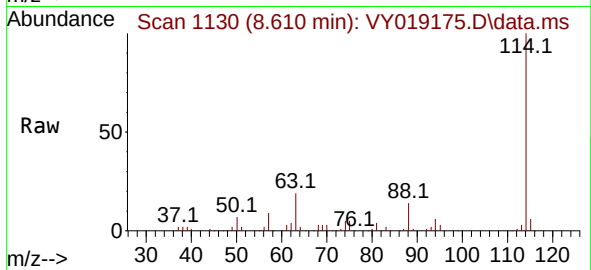
Tgt Ion:114 Resp: 164649

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

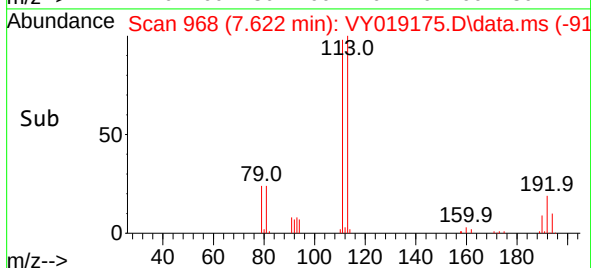
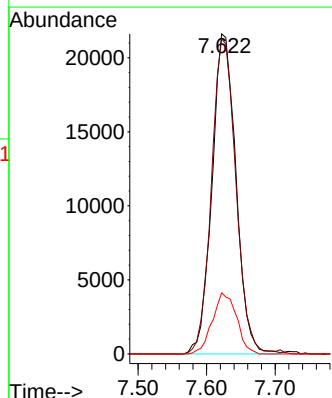
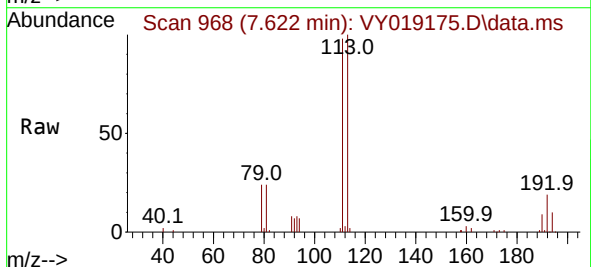
Tgt Ion:113 Resp: 52501

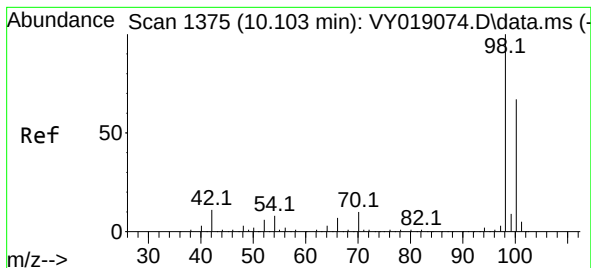
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.4

192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 47.196 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

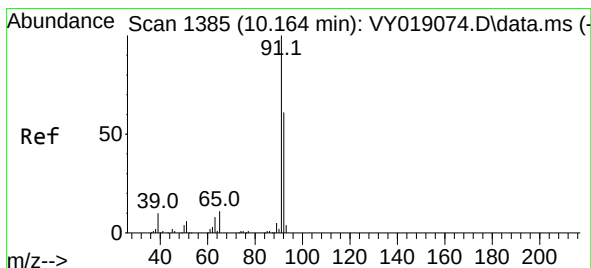
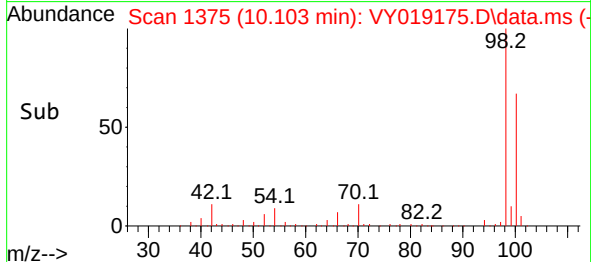
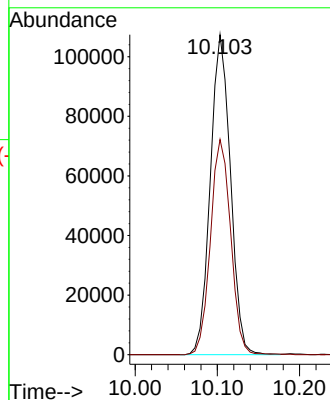
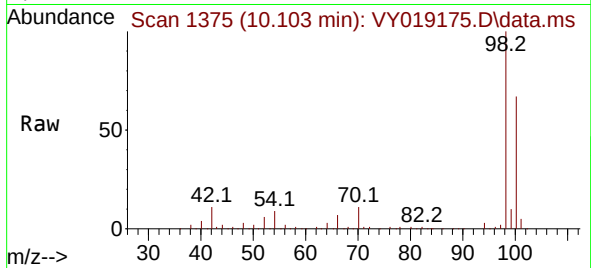
932-K1-SD-0-0.5-081524RE

Tgt Ion: 98 Resp: 182848

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#52

Toluene

Concen: 3.083 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019175.D

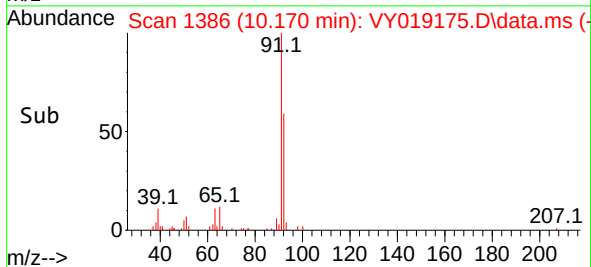
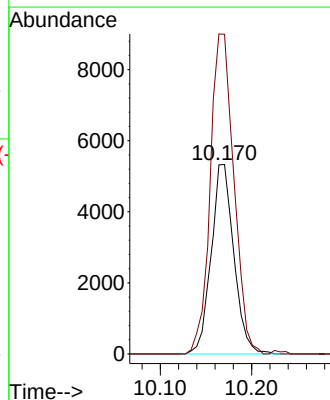
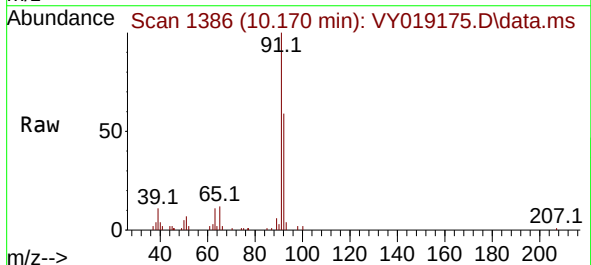
Acq: 21 Aug 2024 17:30

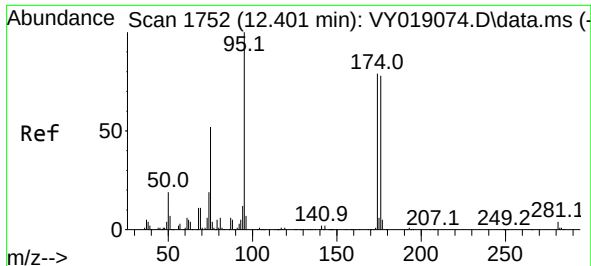
Tgt Ion: 92 Resp: 9177

Ion Ratio Lower Upper

92 100

91 176.2 139.0 208.6

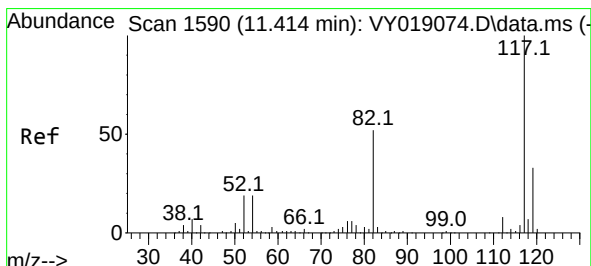
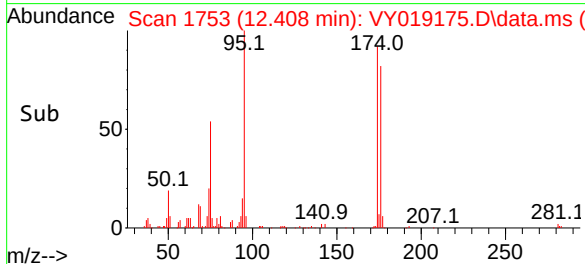
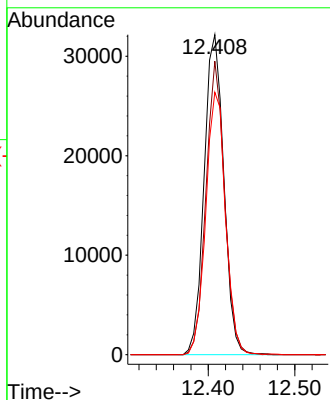
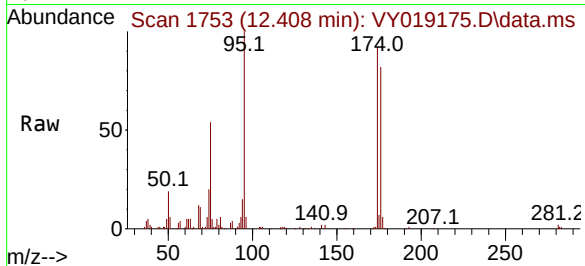




#62
4-Bromofluorobenzene
Concen: 38.371 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

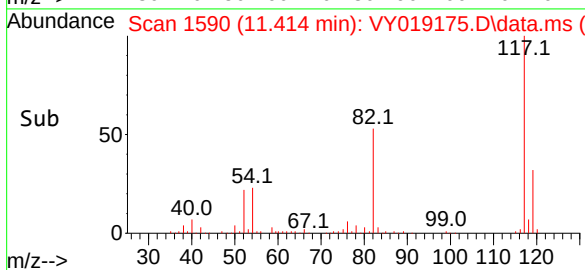
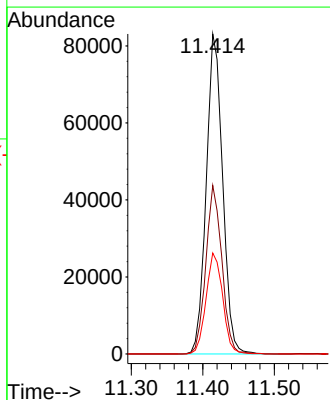
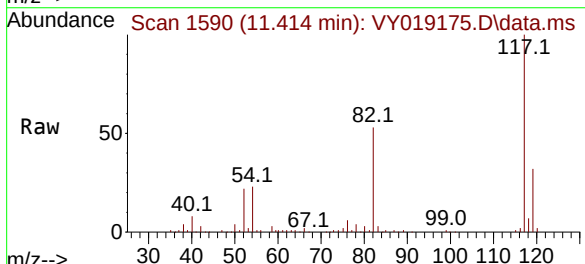
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0-0.5-081524RE

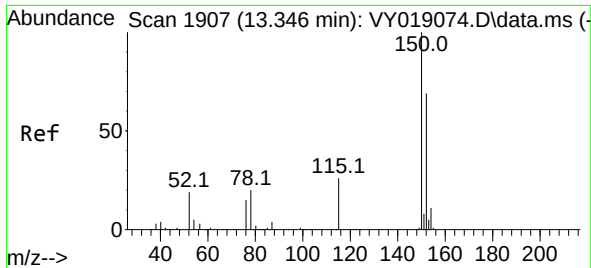
Tgt Ion:	95	Resp:	50677
Ion Ratio	Lower	Upper	
95	100		
174	87.3	0.0	175.6
176	82.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Tgt Ion:	117	Resp:	132209
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.4	63.6
119	31.5	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019175.D

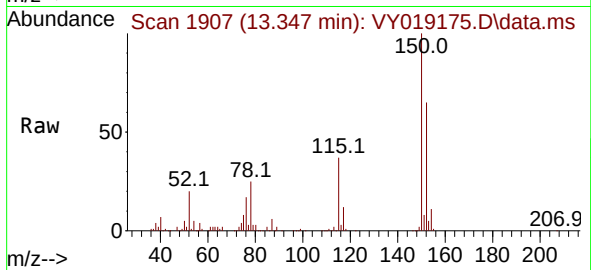
Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

932-K1-SD-0-0.5-081524RE



Tgt Ion:152 Resp: 43129

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.3 0.0 345.6

