

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019150.D
 Acq On : 20 Aug 2024 14:52
 Operator : SY/MD
 Sample : P3643-01
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:29:57 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)

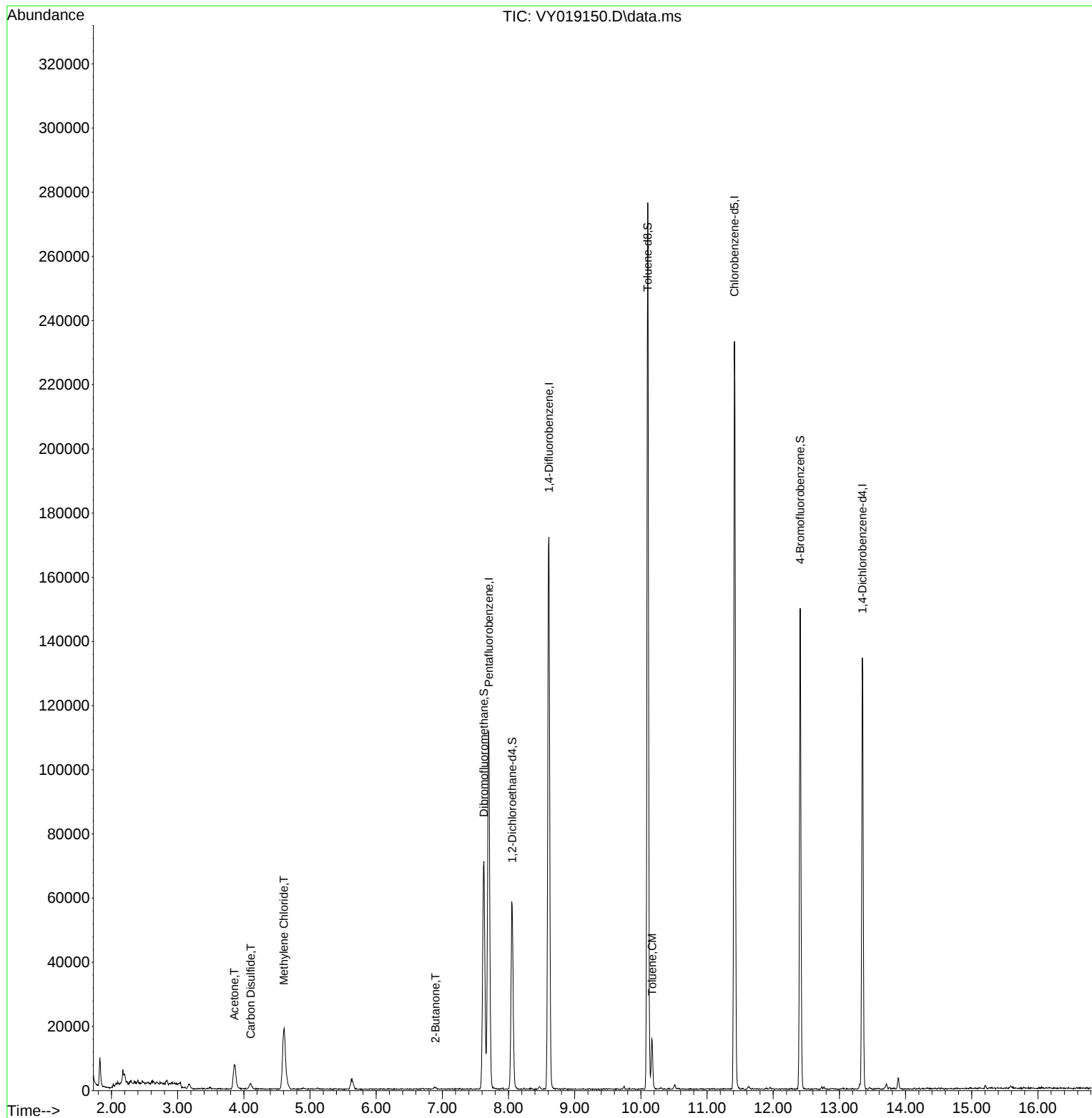
Internal Standards						
1) Pentafluorobenzene	7.701	168	88833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	152103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	128174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46626	52.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.628	113	50754	51.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.060%	
50) Toluene-d8	10.103	98	172629	48.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.407	95	42455	34.797	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 69.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	14129	85.556	ug/l #	81
17) Carbon Disulfide	4.104	76	3389	1.356	ug/l #	92
20) Methylene Chloride	4.604	84	14434	4.836	ug/l	94
25) 2-Butanone	6.896	43	608	2.286	ug/l #	88
52) Toluene	10.170	92	6110	2.222	ug/l	94

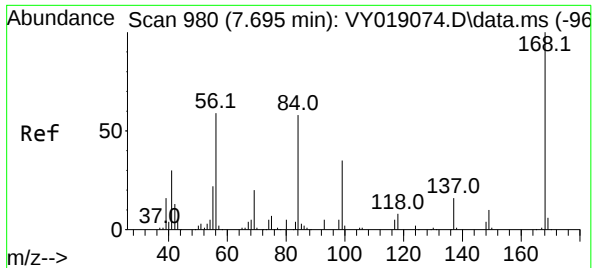
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019150.D
Acq On : 20 Aug 2024 14:52
Operator : SY/MD
Sample : P3643-01
Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

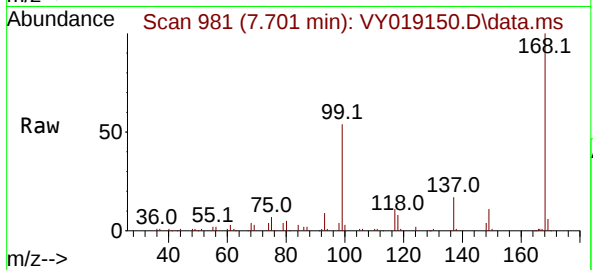
Quant Time: Aug 21 01:29:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



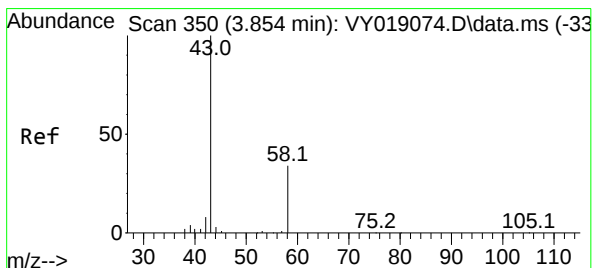
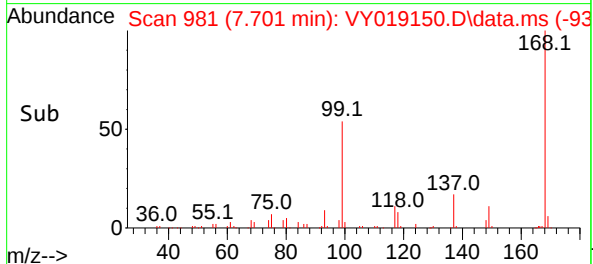
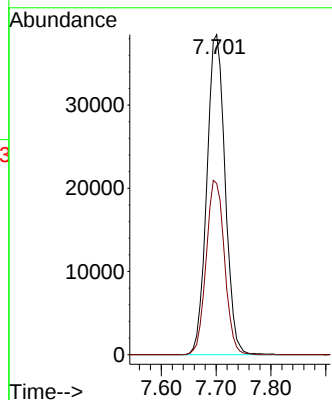


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

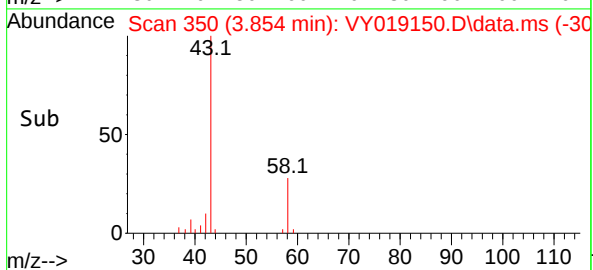
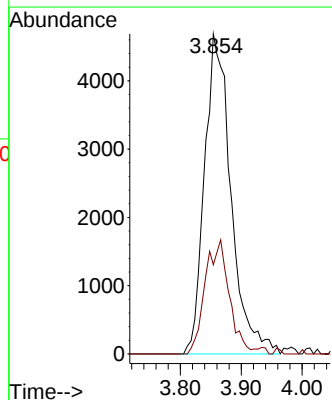
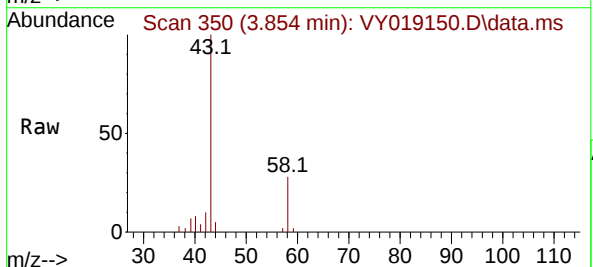


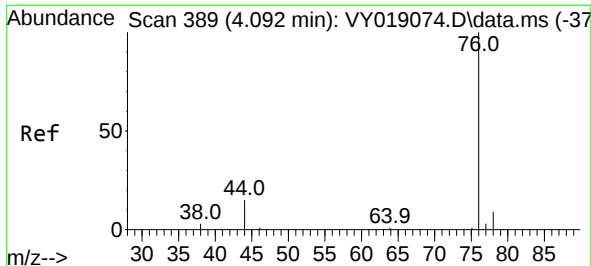
Tgt Ion:168 Resp: 88833
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 85.556 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

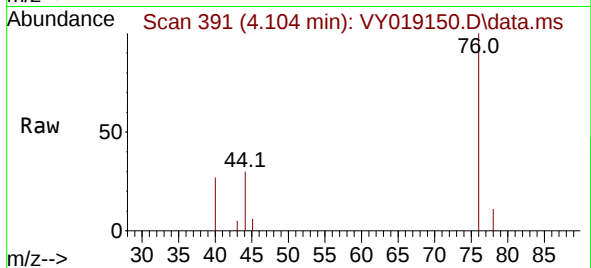
Tgt Ion: 43 Resp: 14129
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#



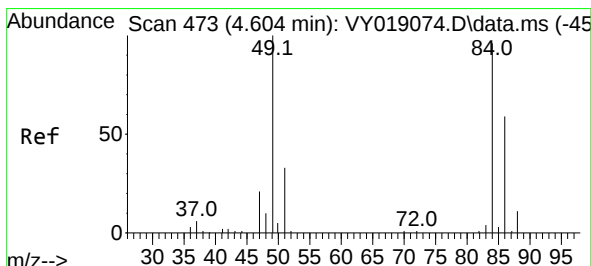
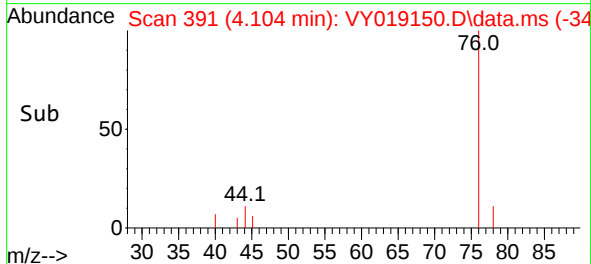
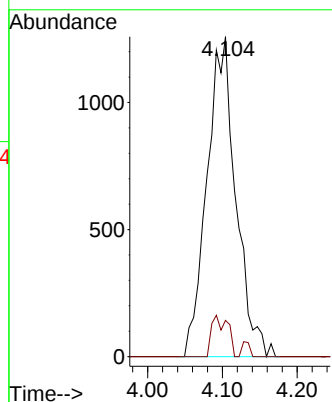


#17
Carbon Disulfide
Concen: 1.356 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

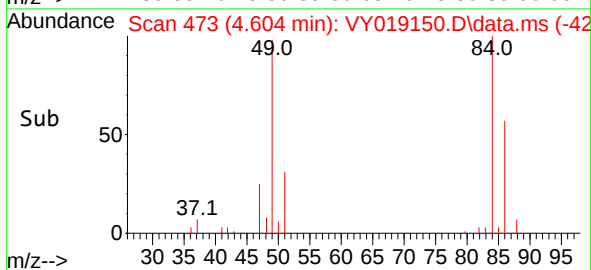
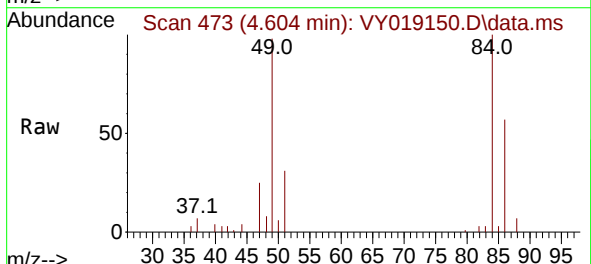
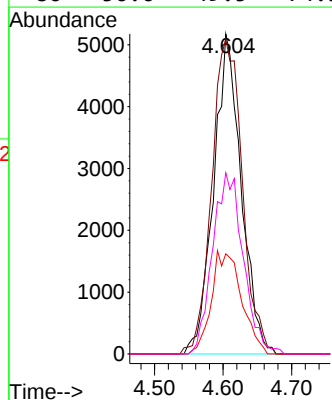


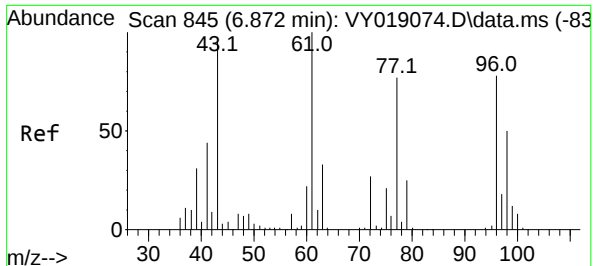
Tgt Ion: 76 Resp: 3389
Ion Ratio Lower Upper
76 100
78 11.4 6.8 10.2#



#20
Methylene Chloride
Concen: 4.836 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion: 84 Resp: 14434
Ion Ratio Lower Upper
84 100
49 98.4 84.4 126.6
51 31.3 26.0 39.0
86 56.6 49.5 74.3





#25

2-Butanone

Concen: 2.286 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.025 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Instrument :

MSVOA_Y

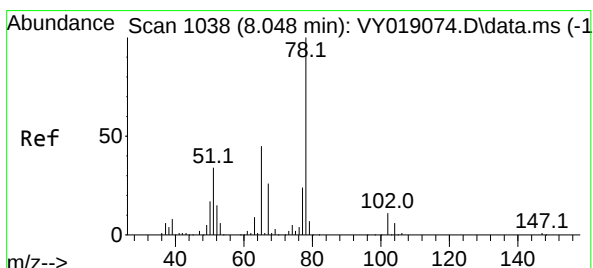
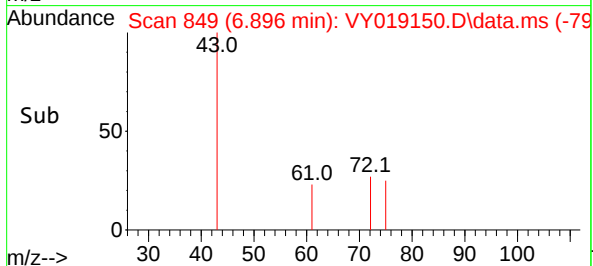
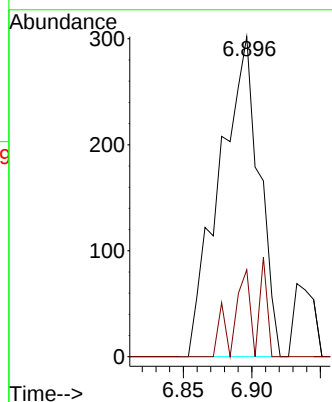
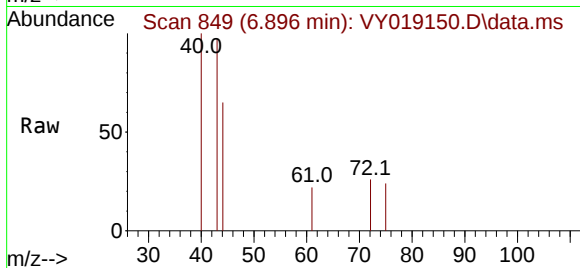
ClientSampleId :

Tgt Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100

72 27.2 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 52.360 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019150.D

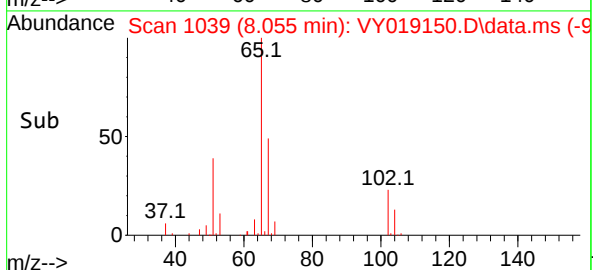
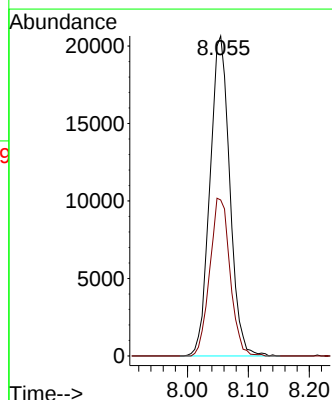
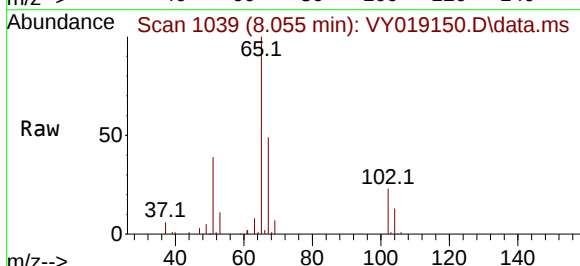
Acq: 20 Aug 2024 14:52

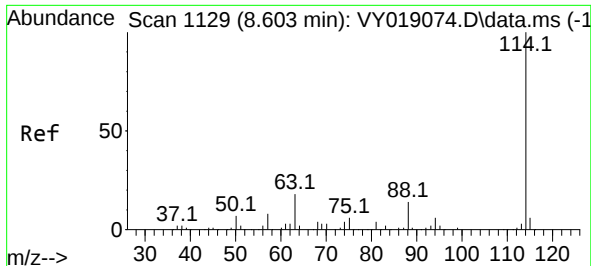
Tgt Ion: 65 Resp: 46626

Ion Ratio Lower Upper

65 100

67 50.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

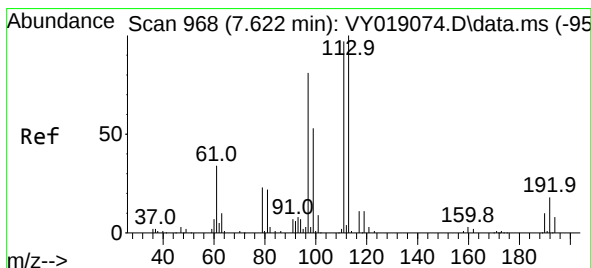
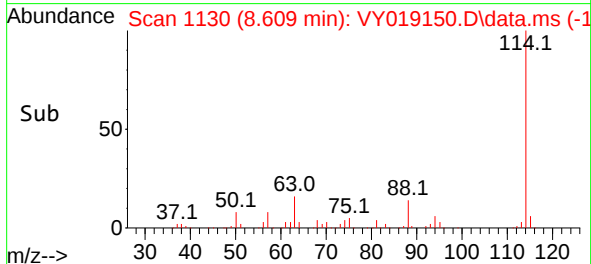
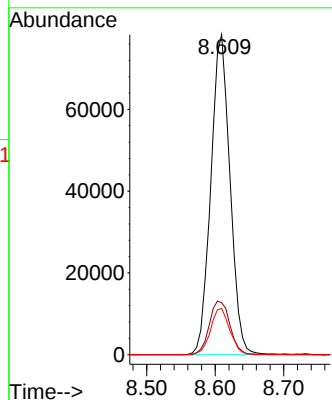
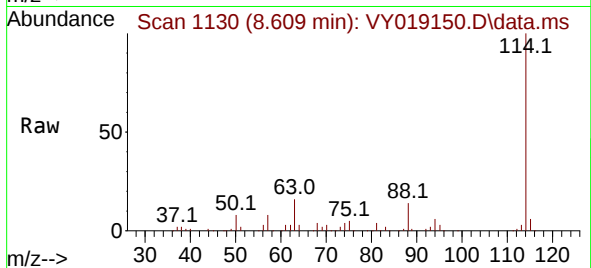
Tgt Ion:114 Resp: 152103

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.033 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

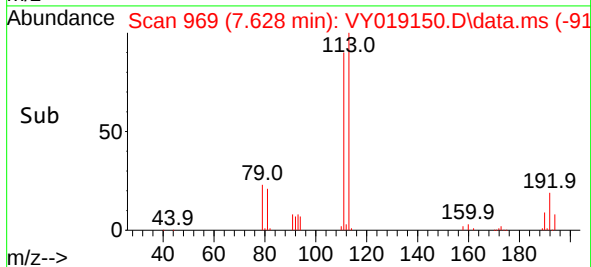
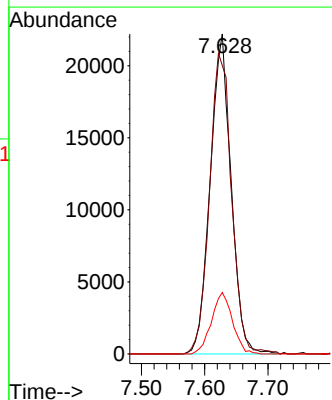
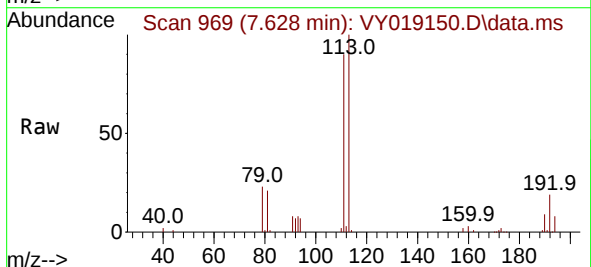
Tgt Ion:113 Resp: 50754

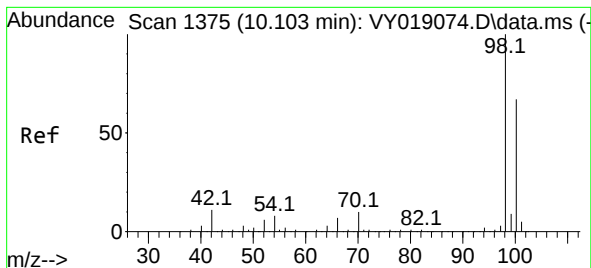
Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 19.3 15.9 23.9





#50

Toluene-d8

Concen: 48.234 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Instrument :

MSVOA_Y

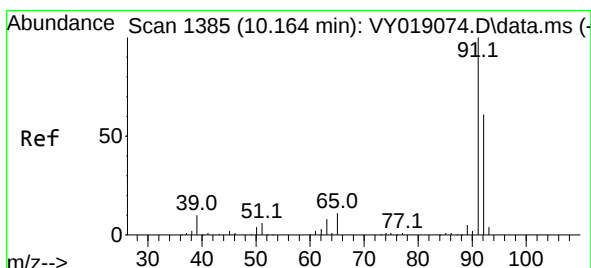
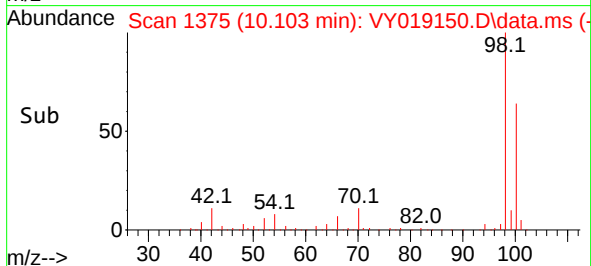
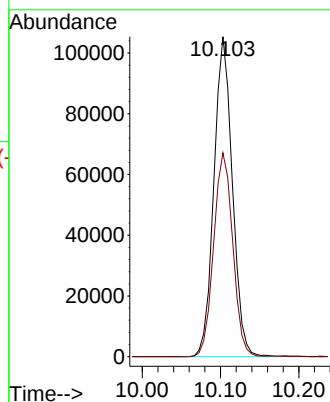
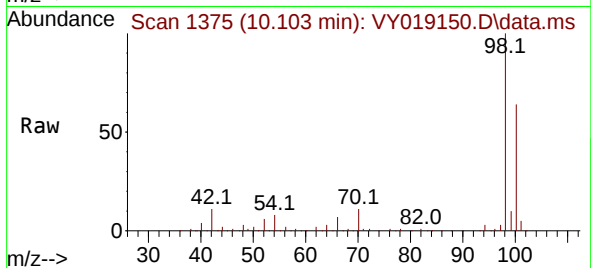
ClientSampleId :

Tgt Ion: 98 Resp: 172629

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#52

Toluene

Concen: 2.222 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019150.D

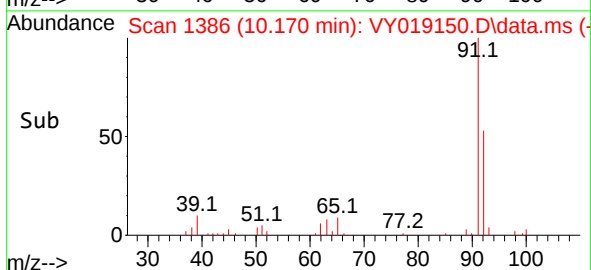
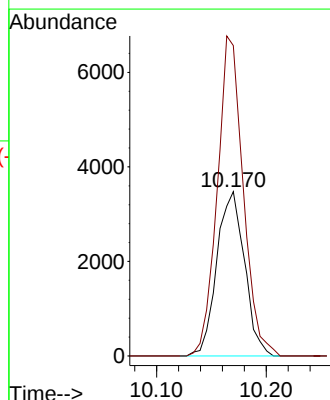
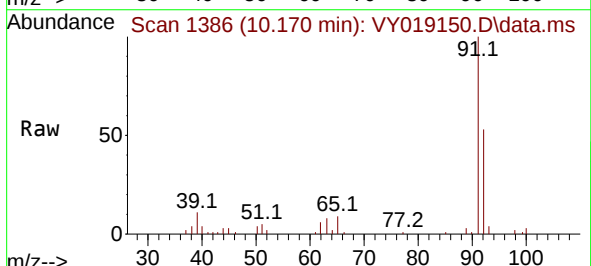
Acq: 20 Aug 2024 14:52

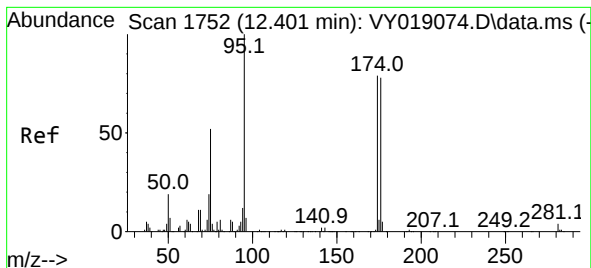
Tgt Ion: 92 Resp: 6110

Ion Ratio Lower Upper

92 100

91 182.0 139.0 208.6

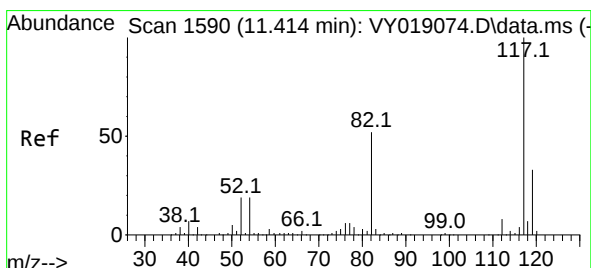
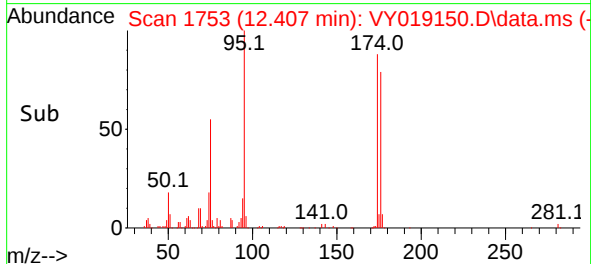
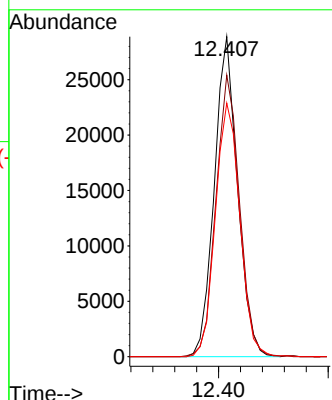
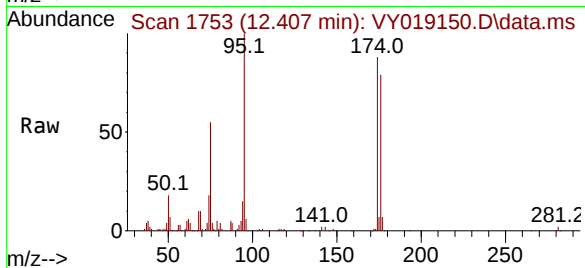




#62
4-Bromofluorobenzene
Concen: 34.797 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

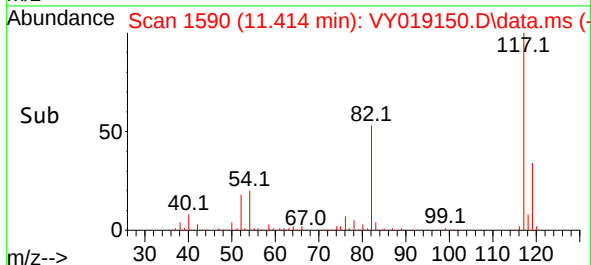
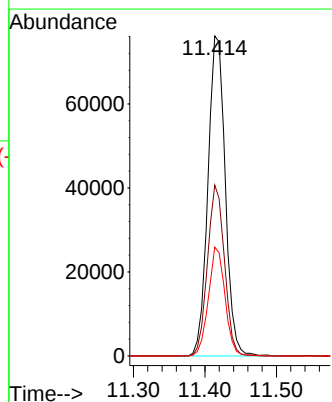
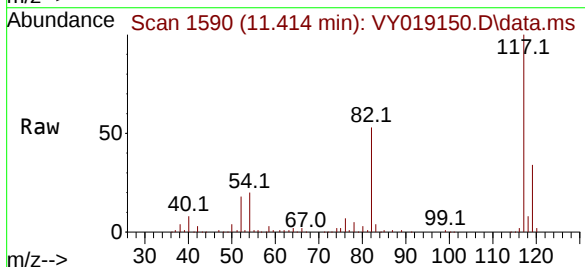
Instrument :
MSVOA_Y
ClientSampleId :

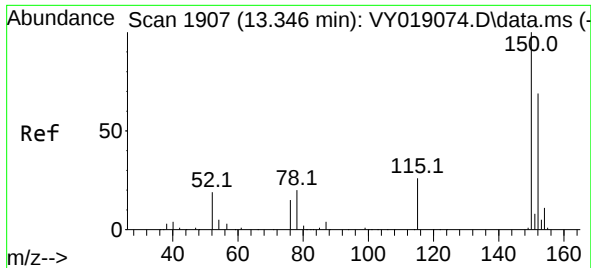
Tgt Ion: 95 Resp: 42455
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.6
176 83.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019150.D
Acq: 20 Aug 2024 14:52

Tgt Ion: 117 Resp: 128174
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 34.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

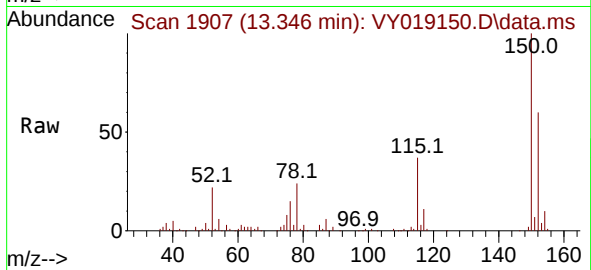
Lab File: VY019150.D

Acq: 20 Aug 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:152 Resp: 34121

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 161.2 0.0 345.6

