

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019311.D
 Acq On : 28 Aug 2024 03:47
 Operator : SY/MD
 Sample : P3660-02
 Misc : 8.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-901-J-0.5-1-081624

Quant Time: Aug 28 05:03:35 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)

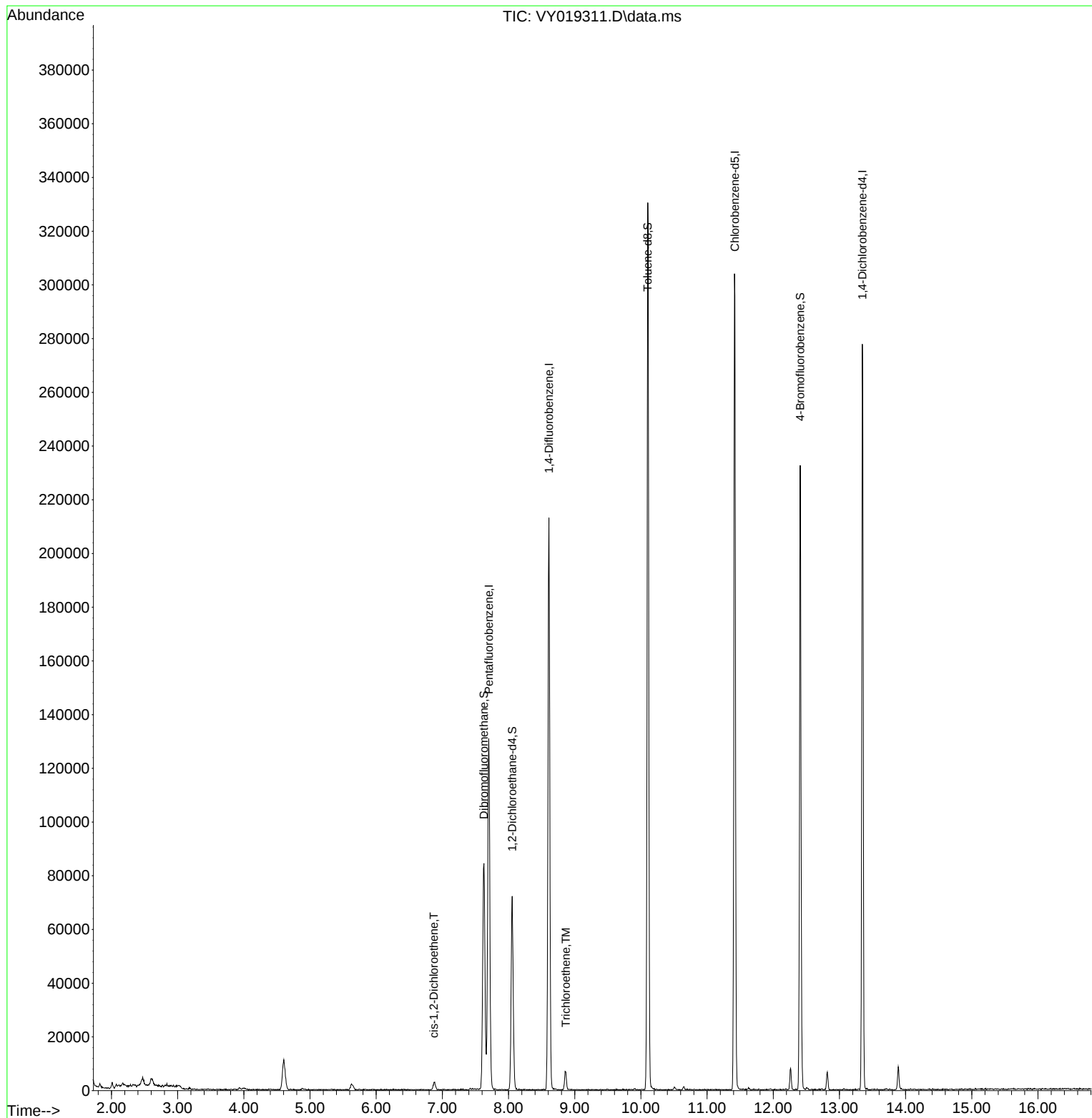
Internal Standards						
1) Pentafluorobenzene	7.701	168	103626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	173169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	52994	51.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.040%
35) Dibromofluoromethane	7.628	113	59605	49.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.103	98	212414	48.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.408	95	66593	44.848	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.700%
Target Compounds						
27) cis-1,2-Dichloroethene	6.872	96	1569	1.154	ug/l	90
44) Trichloroethene	8.866	130	2773	1.950	ug/l	79

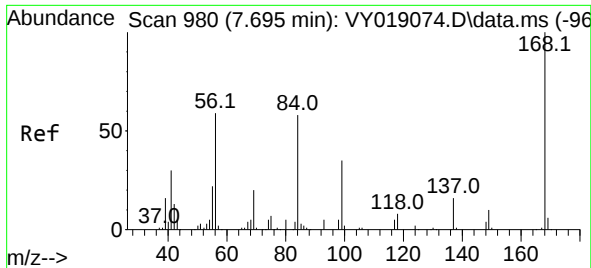
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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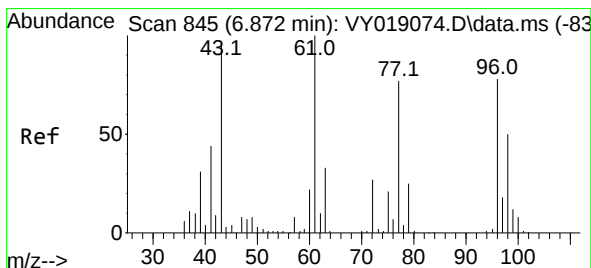
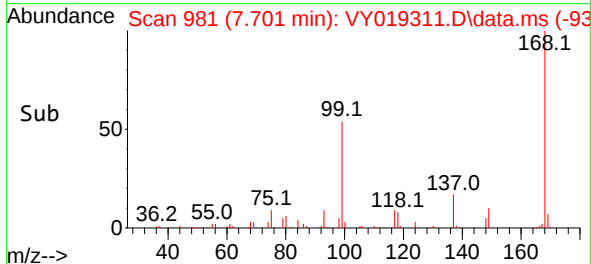
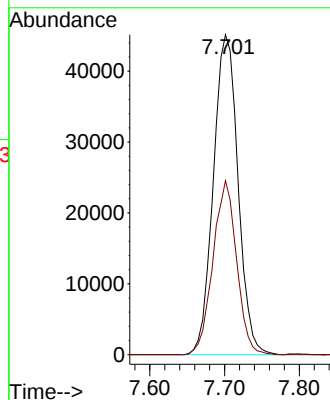
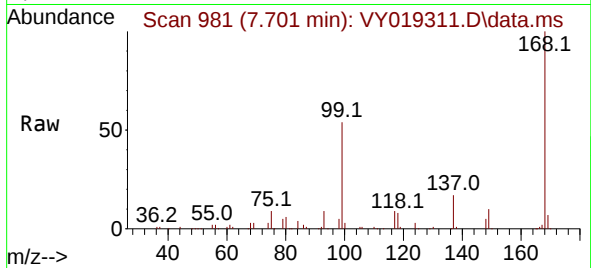




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

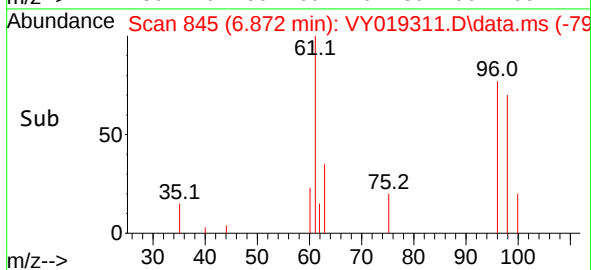
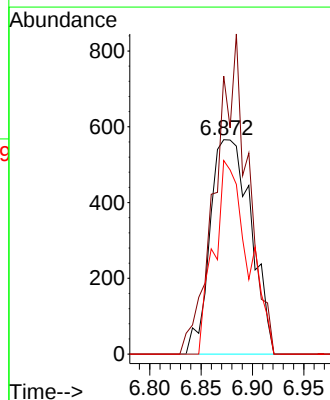
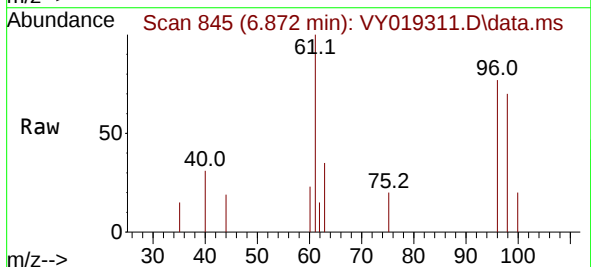
Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0.5-1-081624

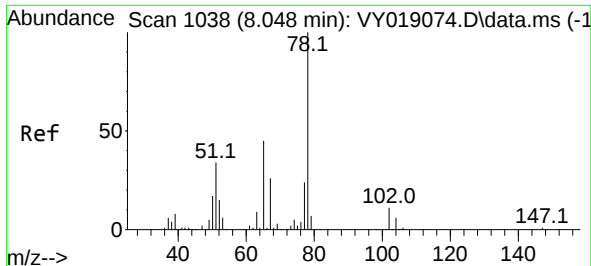
Tgt Ion:168 Resp: 103626
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#27
cis-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion: 96 Resp: 1569
Ion Ratio Lower Upper
96 100
61 118.0 0.0 256.2
98 74.5 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 51.016 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

Instrument :

MSVOA_Y

ClientSampleId :

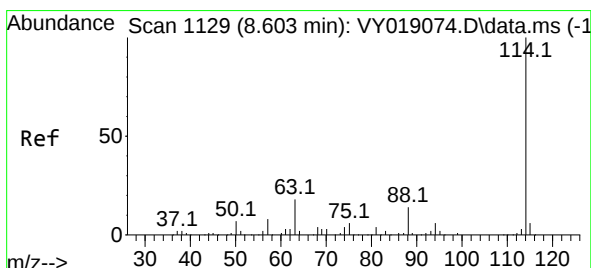
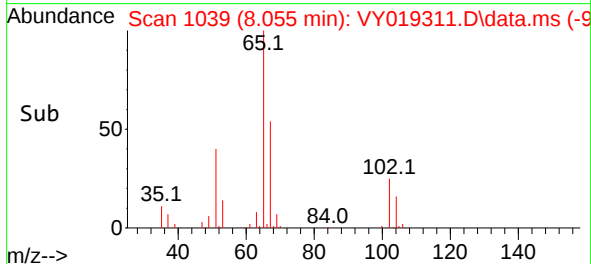
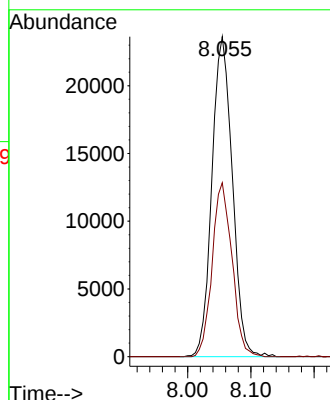
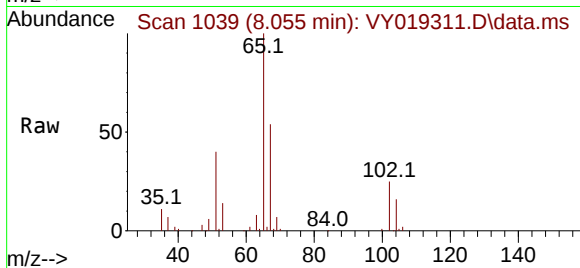
S-901-J-0.5-1-081624

Tgt Ion: 65 Resp: 52994

Ion Ratio Lower Upper

65 100

67 52.6 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: VY019311.D

Acq: 28 Aug 2024 03:47

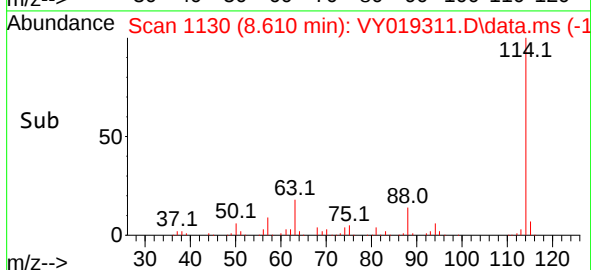
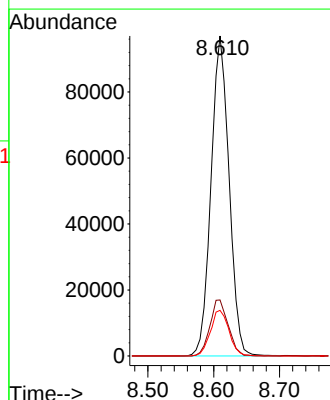
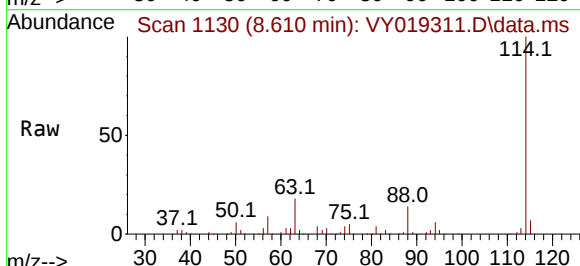
Tgt Ion: 114 Resp: 185111

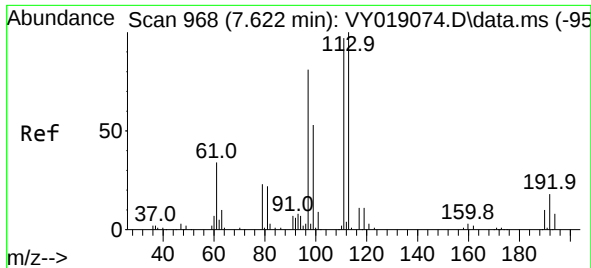
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.3 0.0 27.2

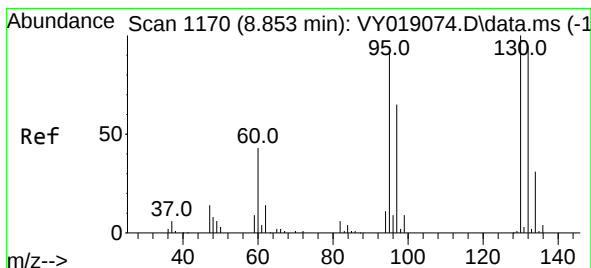
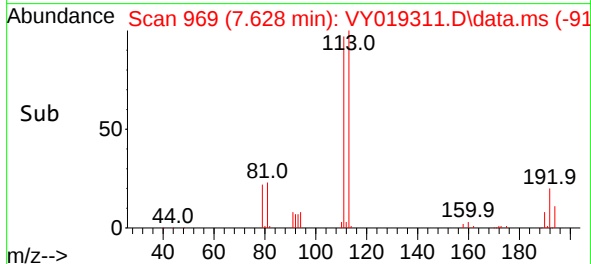
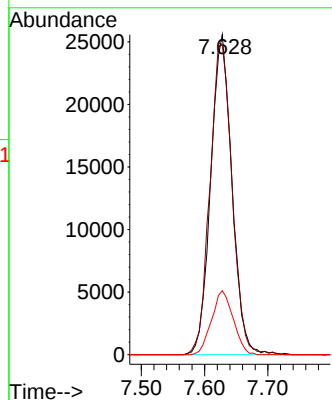
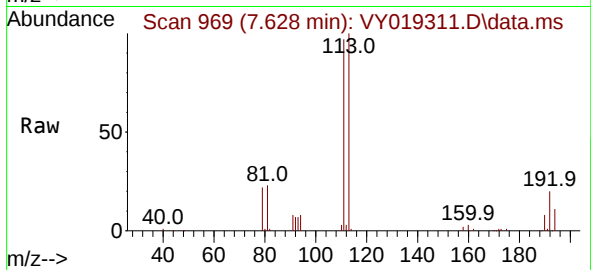




#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

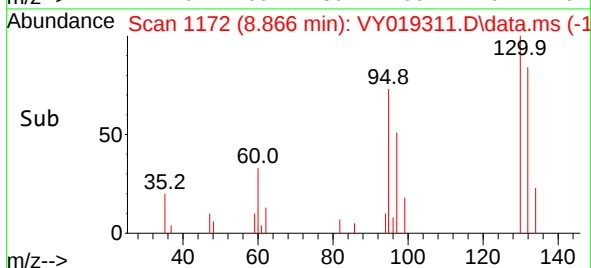
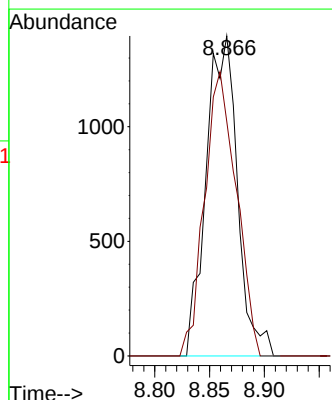
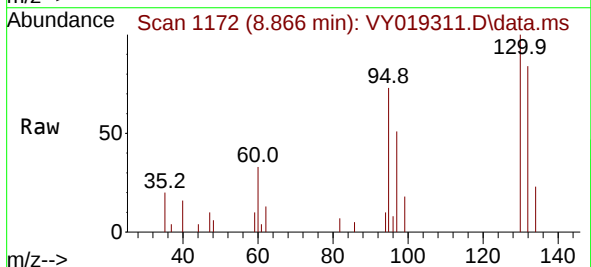
Instrument :
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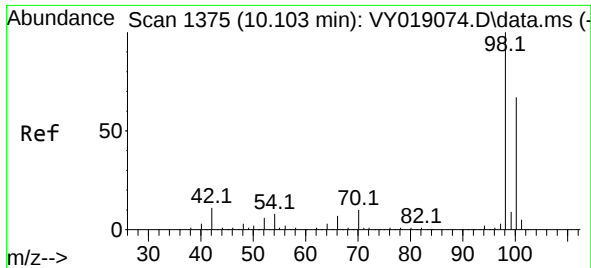
Tgt Ion:113 Resp: 59605
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 20.3 15.9 23.9



#44
Trichloroethene
Concen: 1.950 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion:130 Resp: 2773
Ion Ratio Lower Upper
130 100
95 73.3 0.0 188.0

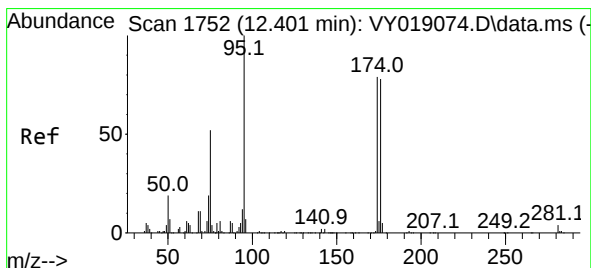
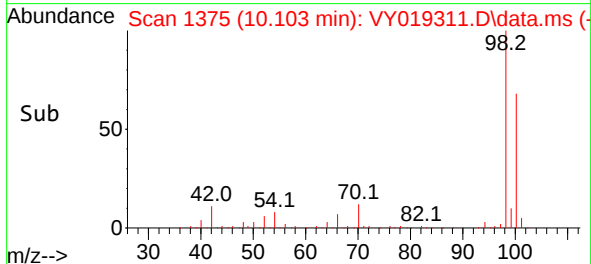
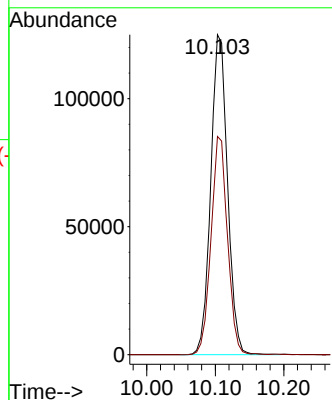
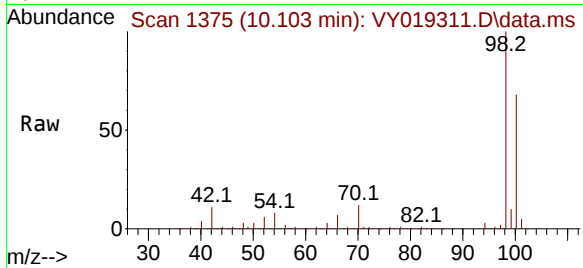




#50
Toluene-d8
Concen: 48.767 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

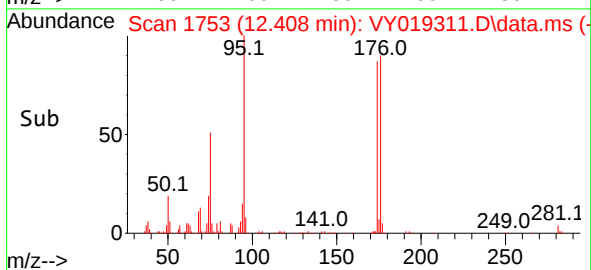
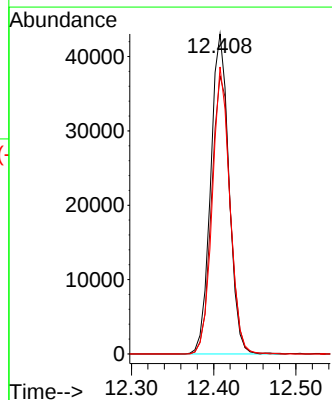
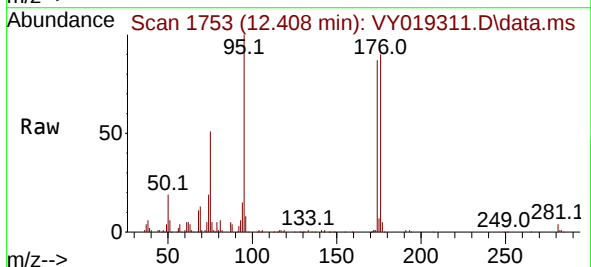
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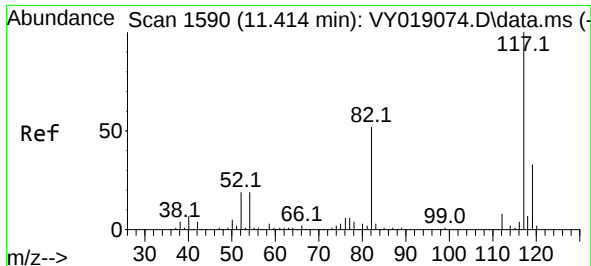
Tgt Ion: 98 Resp: 212414
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.848 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion: 95 Resp: 66593
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.9 0.0 171.4

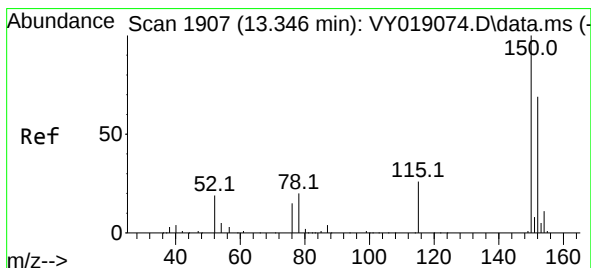
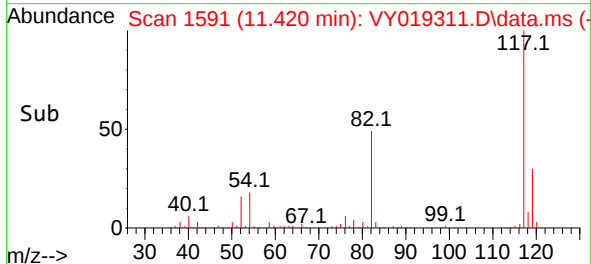
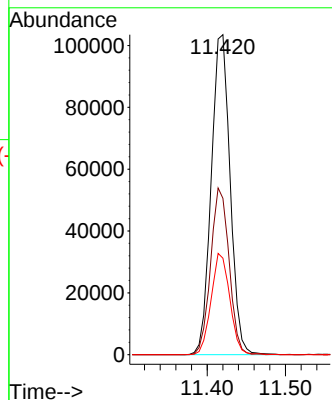
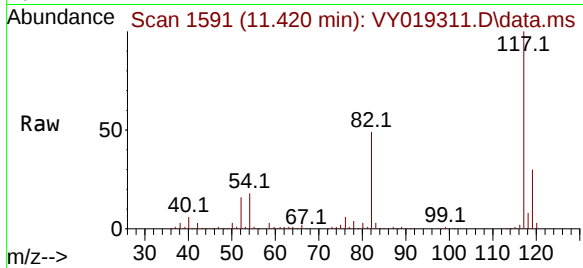




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0.5-1-081624

Tgt Ion:117 Resp: 173169
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 30.2 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: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion:152 Resp: 69125
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.2 0.0 345.6

