

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019282.D
 Acq On : 27 Aug 2024 13:32
 Operator : SY/MD
 Sample : P3698-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-8-21-2024RE

Quant Time: Aug 27 15:43:48 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)

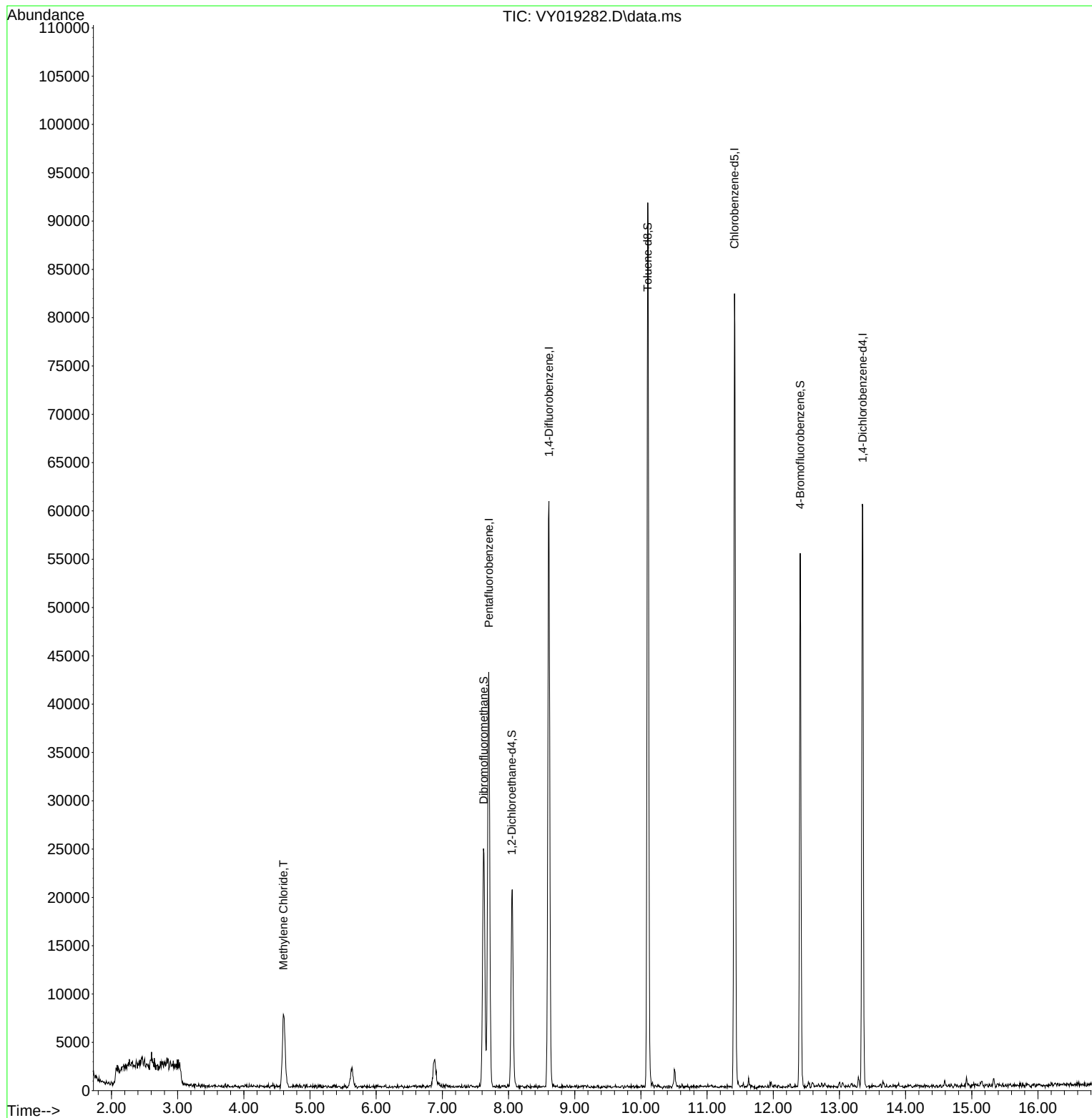
Internal Standards						
1) Pentafluorobenzene	7.701	168	32692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	54851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	45997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	15800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	15219	46.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.880%
35) Dibromofluoromethane	7.622	113	17456	48.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.103	98	59384	46.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.408	95	15911	36.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.320%
Target Compounds						
20) Methylene Chloride	4.598	84	5631	5.899	ug/l	91

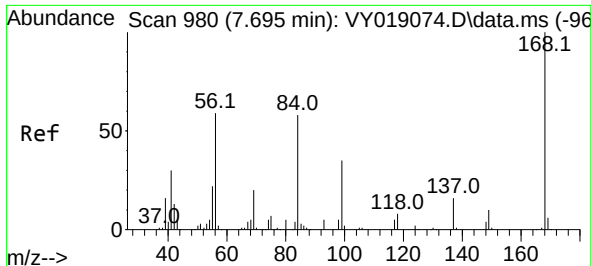
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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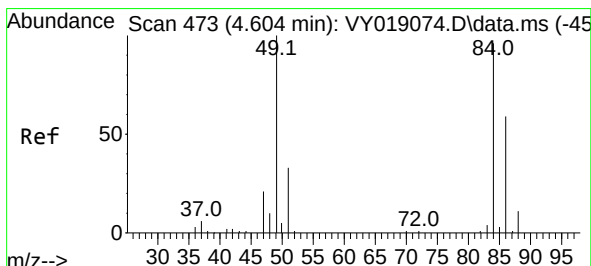
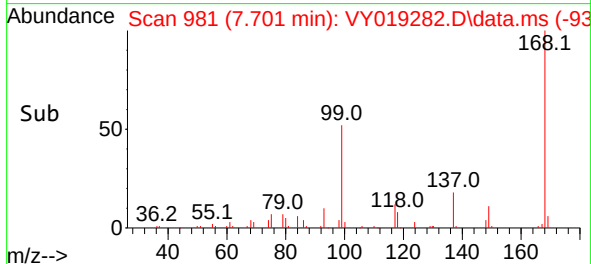
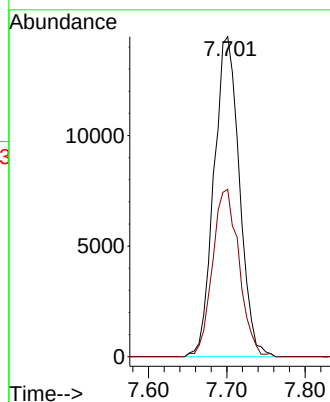
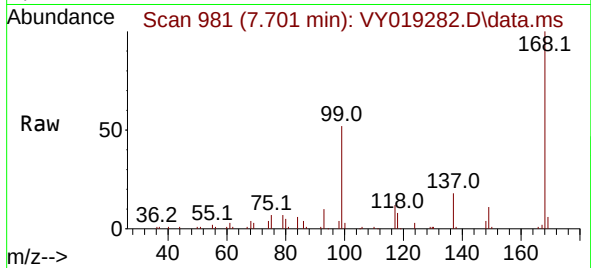




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

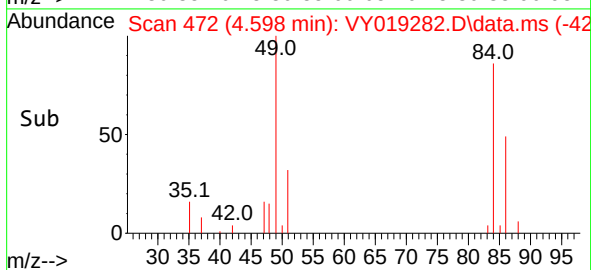
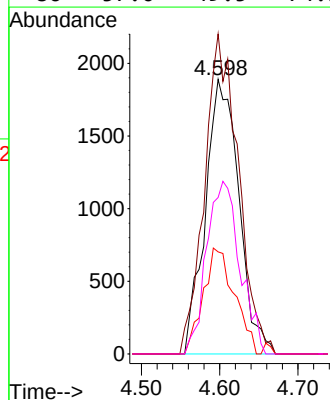
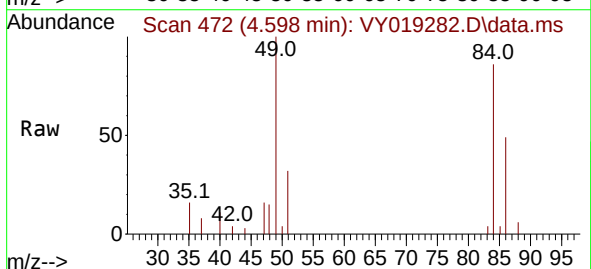
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-8-21-2024RE

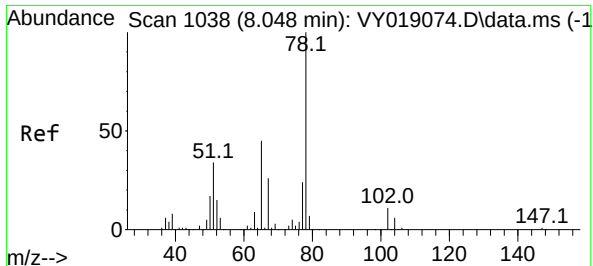
Tgt Ion:168 Resp: 32692
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#20
Methylene Chloride
Concen: 5.899 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion: 84 Resp: 5631
Ion Ratio Lower Upper
84 100
49 116.6 84.4 126.6
51 37.2 26.0 39.0
86 57.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 46.440 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019282.D

Acq: 27 Aug 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

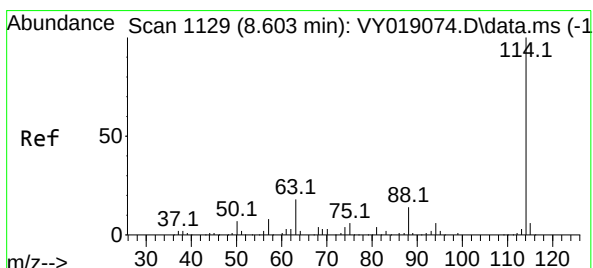
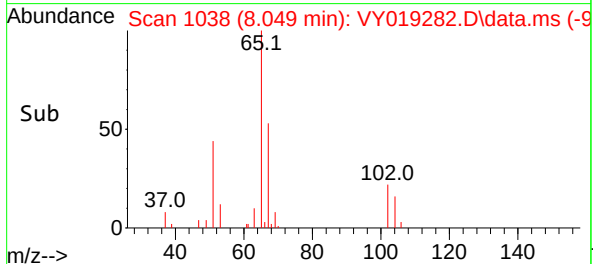
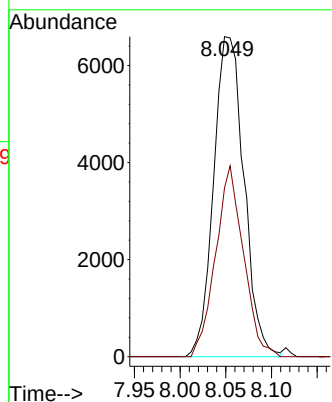
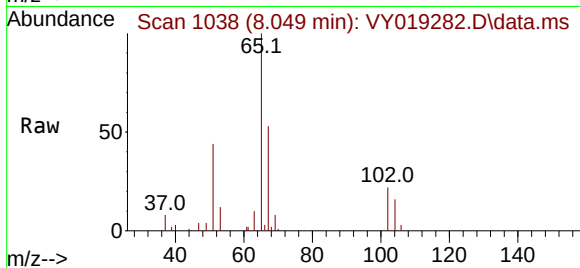
HD-01-8-21-2024RE

Tgt Ion: 65 Resp: 15219

Ion Ratio Lower Upper

65 100

67 54.8 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: VY019282.D

Acq: 27 Aug 2024 13:32

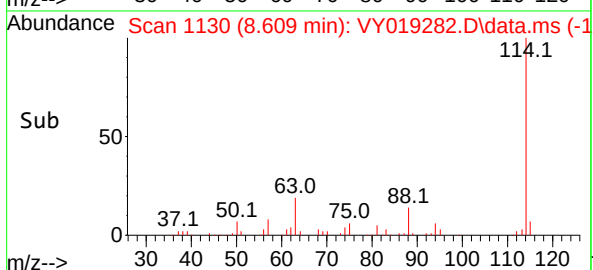
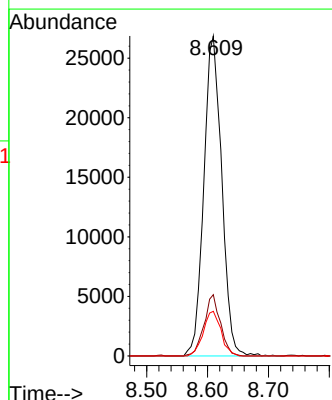
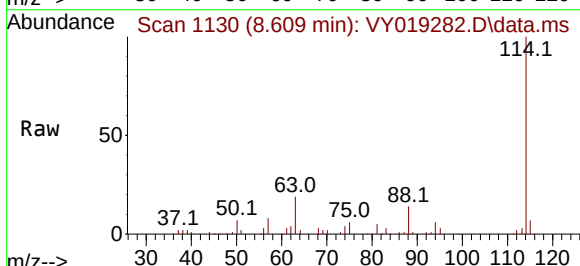
Tgt Ion: 114 Resp: 54851

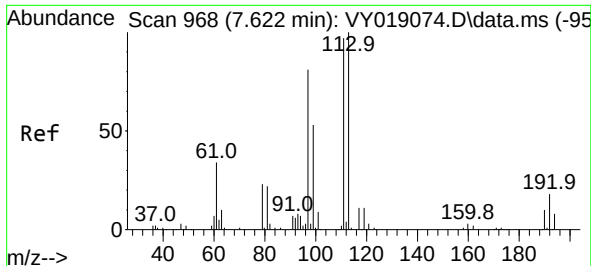
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 13.9 0.0 27.2

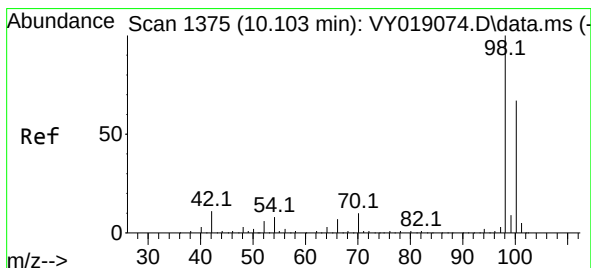
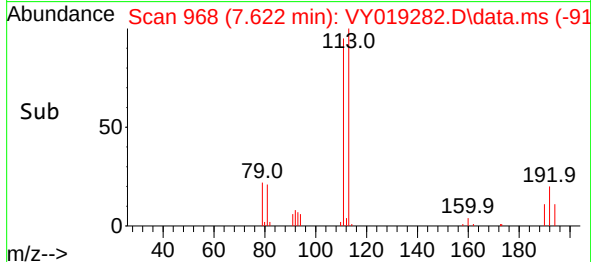
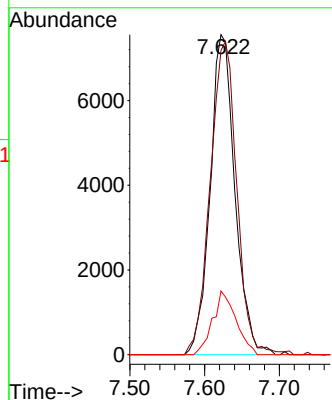
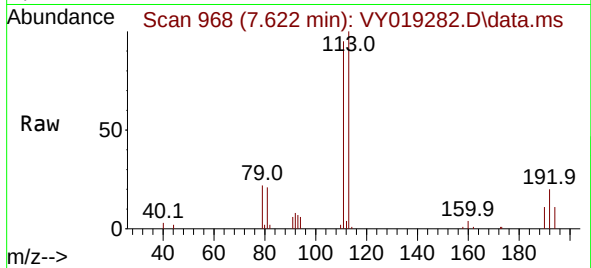




#35
 Dibromofluoromethane
 Concen: 48.672 ug/l
 RT: 7.622 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019282.D
 Acq: 27 Aug 2024 13:32

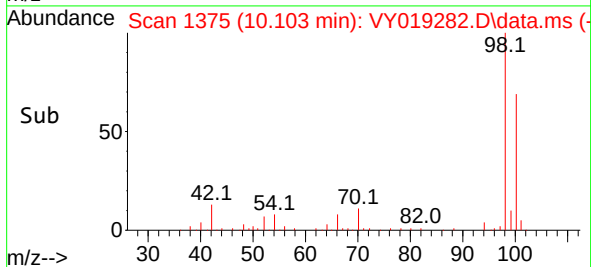
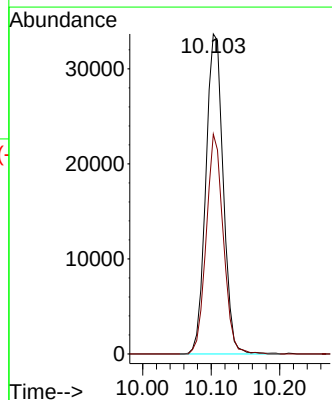
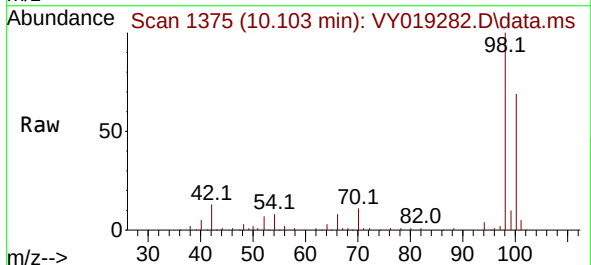
Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-8-21-2024RE

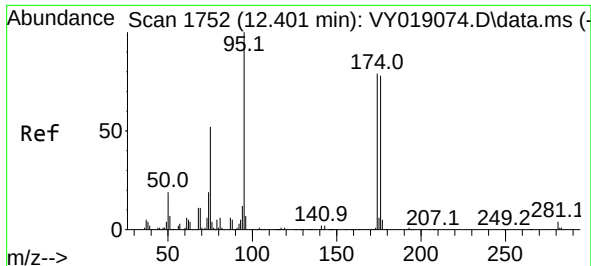
Tgt Ion:113 Resp: 17456
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.2 123.4
 192 18.7 15.9 23.9



#50
 Toluene-d8
 Concen: 46.011 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY019282.D
 Acq: 27 Aug 2024 13:32

Tgt Ion: 98 Resp: 59384
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.0 78.0

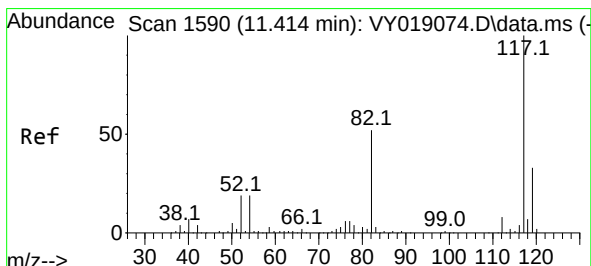
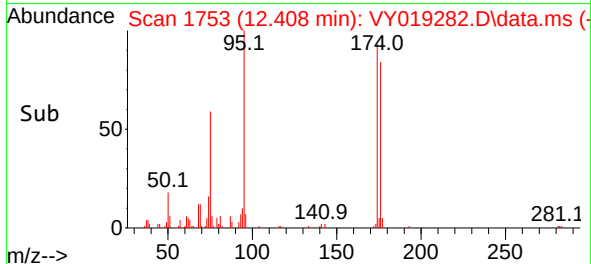
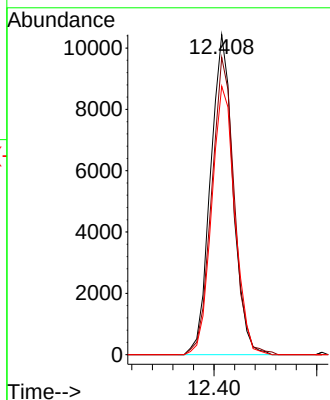
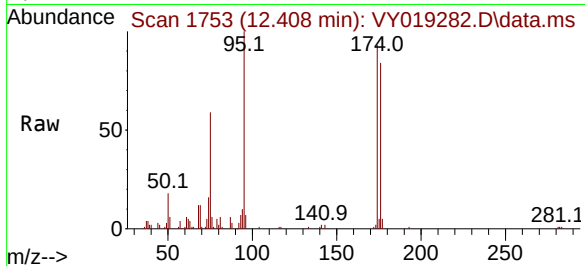




#62
4-Bromofluorobenzene
Concen: 36.163 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

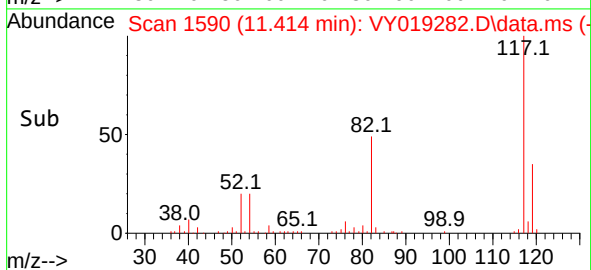
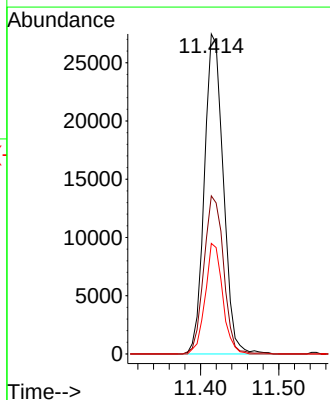
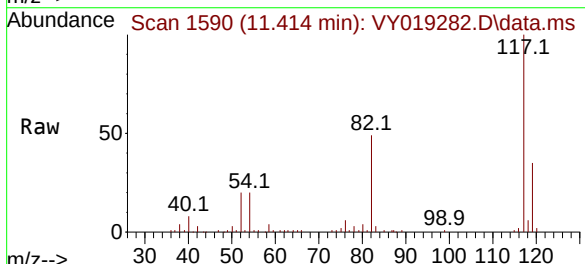
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-8-21-2024RE

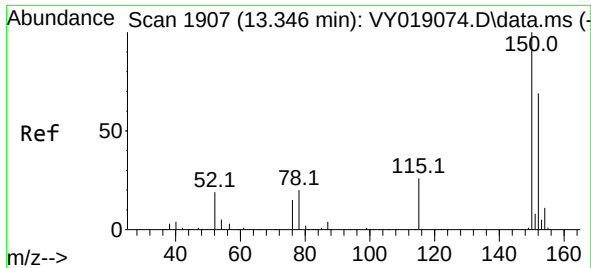
Tgt Ion: 95	Resp: 15911
Ion Ratio	Lower Upper
95 100	
174 93.1	0.0 175.6
176 86.0	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

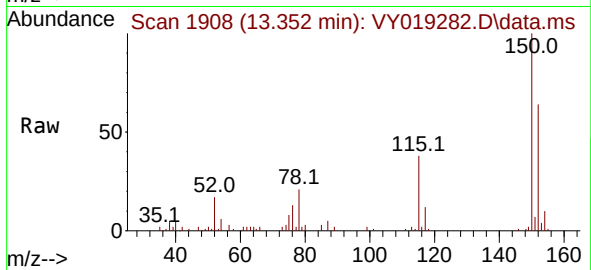
Tgt Ion: 117	Resp: 45997
Ion Ratio	Lower Upper
117 100	
82 49.4	42.4 63.6
119 34.6	25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-8-21-2024RE



Tgt Ion:152 Resp: 15800
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 161.2 0.0 345.6

