

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019285.D
 Acq On : 27 Aug 2024 14:46
 Operator : SY/MD
 Sample : P3728-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-08232024

Quant Time: Aug 28 01:44:42 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)

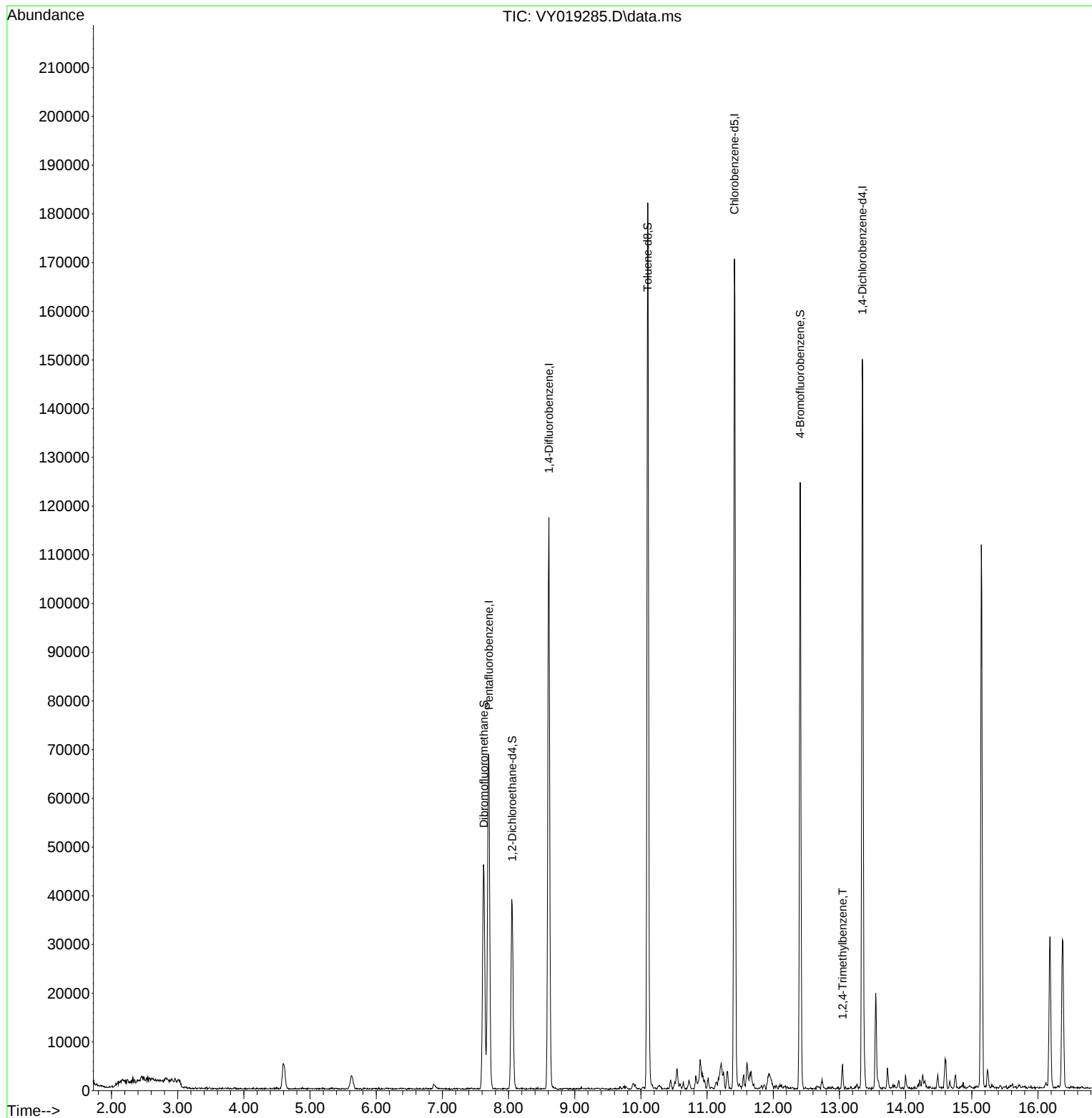
Internal Standards						
1) Pentafluorobenzene	7.701	168	56937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	99305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	94473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	30787	53.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.880%
35) Dibromofluoromethane	7.628	113	32966	50.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.103	98	114817	49.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.407	95	35950	45.131	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.260%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.047	105	2466	1.018	ug/l	95

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

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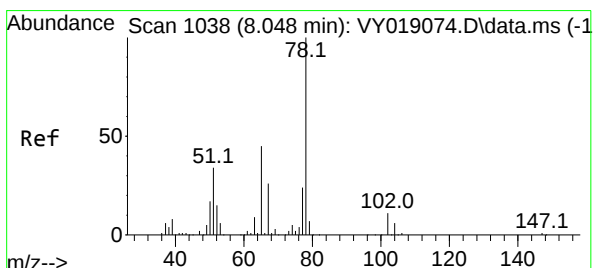
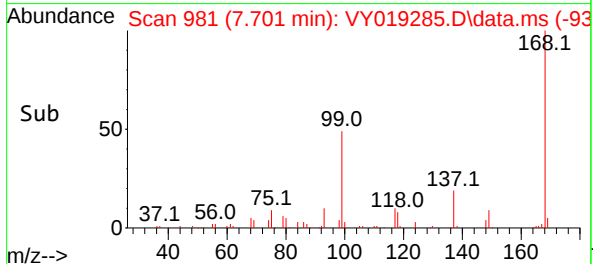
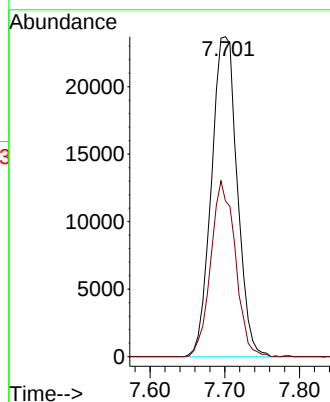
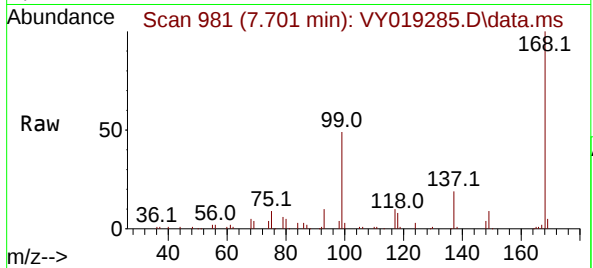




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

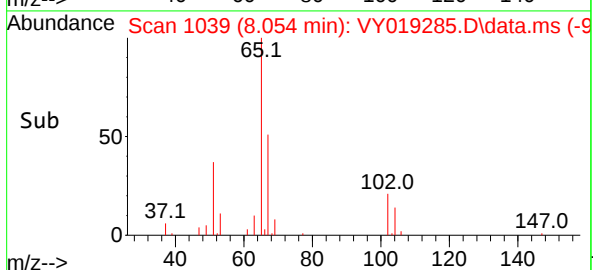
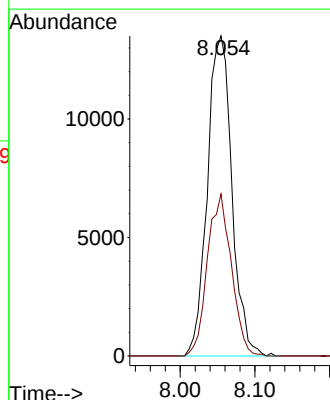
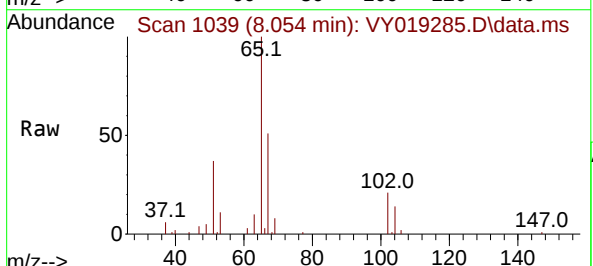
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-08232024

Tgt Ion:168 Resp: 56937
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.941 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

Tgt Ion: 65 Resp: 30787
Ion Ratio Lower Upper
65 100
67 49.5 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: VY019285.D

Acq: 27 Aug 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-08232024

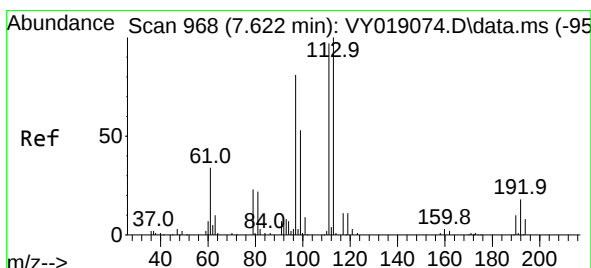
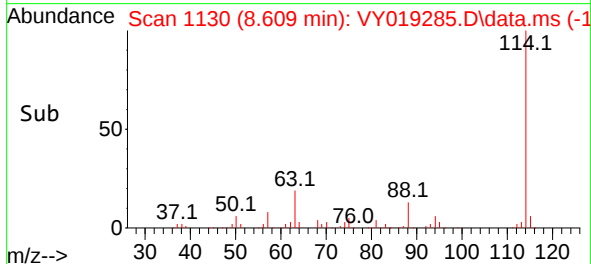
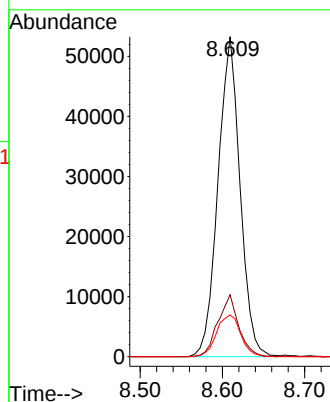
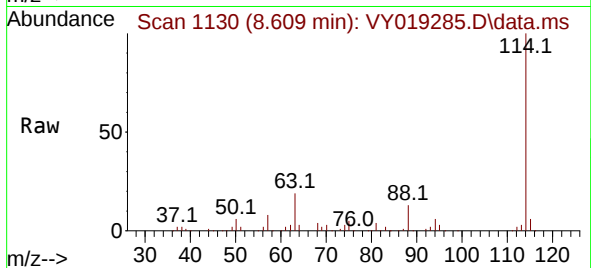
Tgt Ion:114 Resp: 99305

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.770 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019285.D

Acq: 27 Aug 2024 14:46

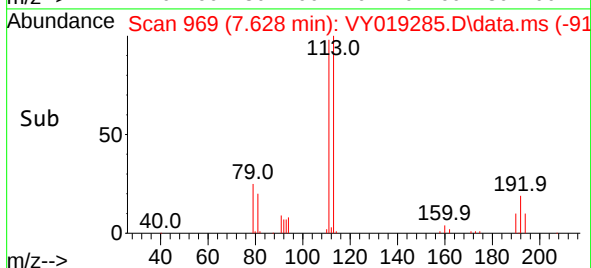
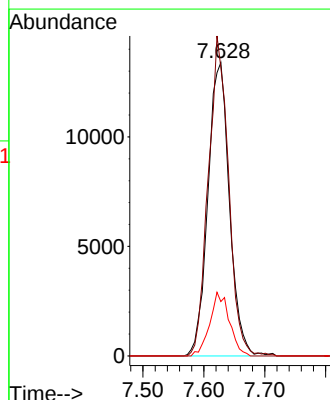
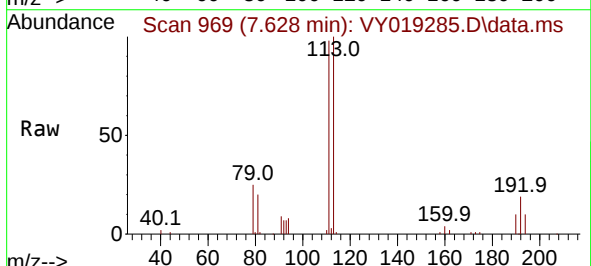
Tgt Ion:113 Resp: 32966

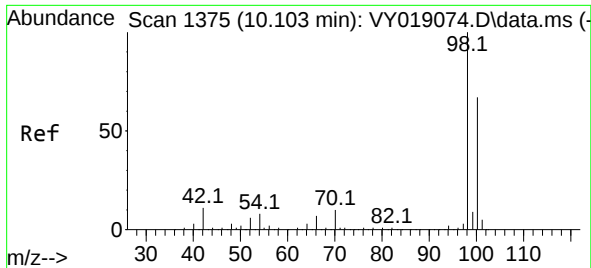
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 19.7 15.9 23.9

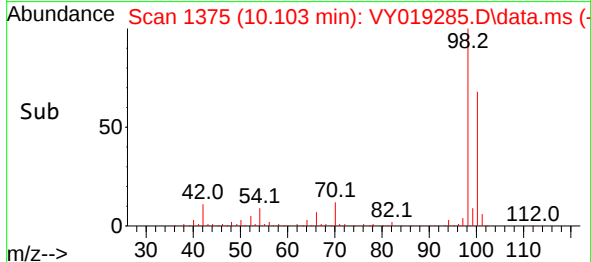
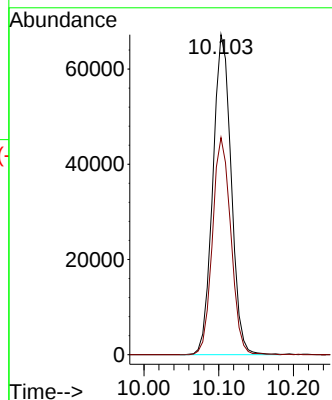
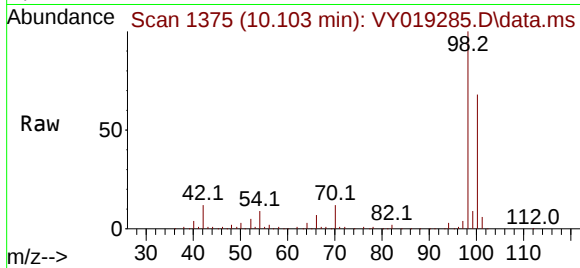




#50
Toluene-d8
Concen: 49.137 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

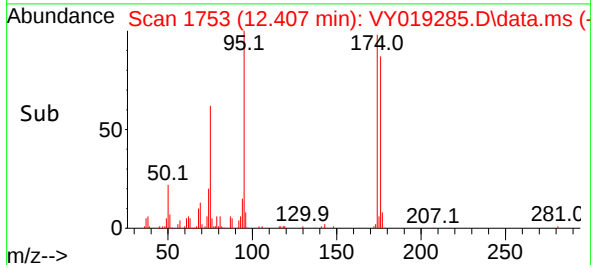
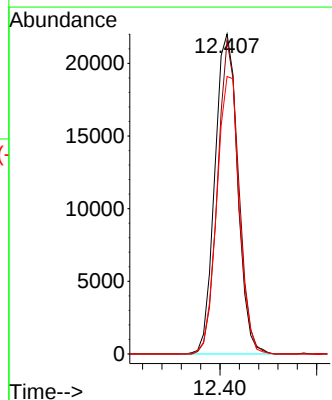
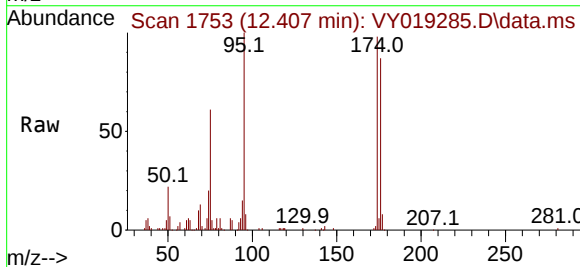
Instrument :
MSVOA_Y
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SU-03-08232024

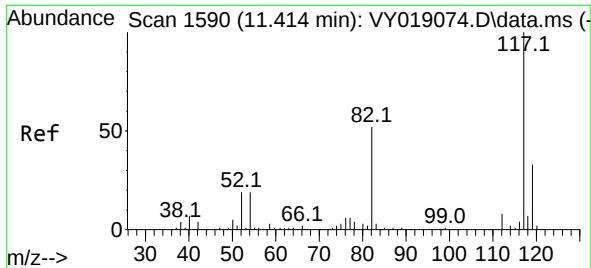
Tgt Ion: 98 Resp: 114817
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.131 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

Tgt Ion: 95 Resp: 35950
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 85.8 0.0 171.4

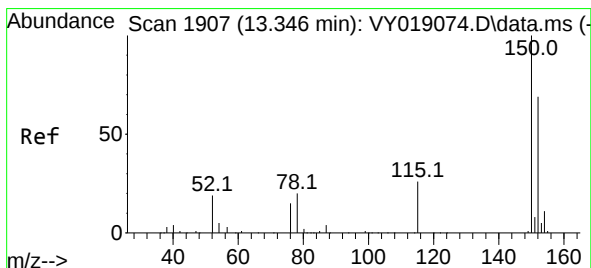
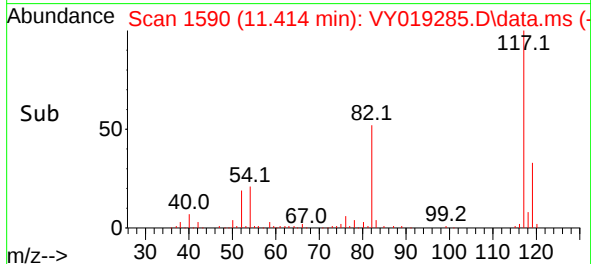
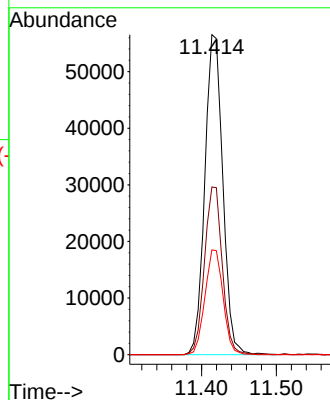
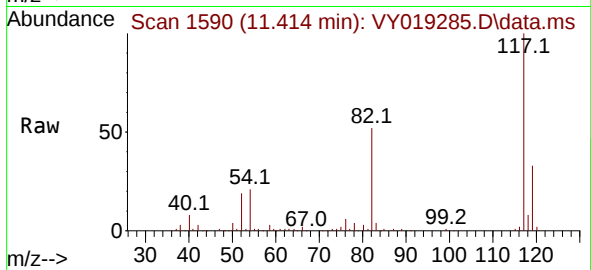




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

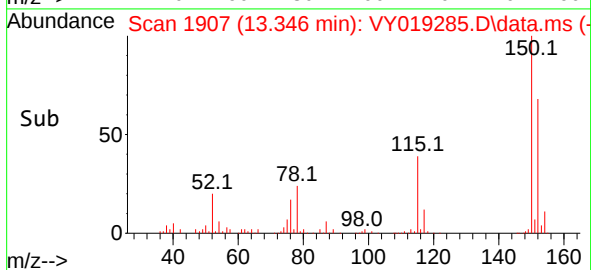
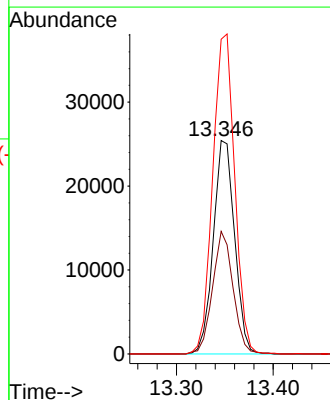
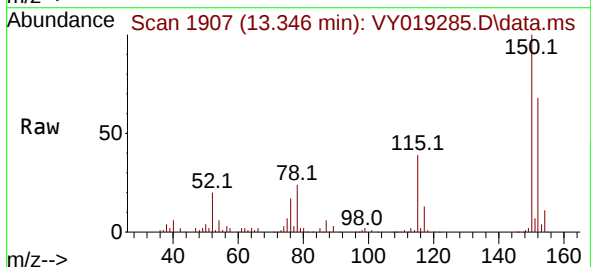
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-08232024

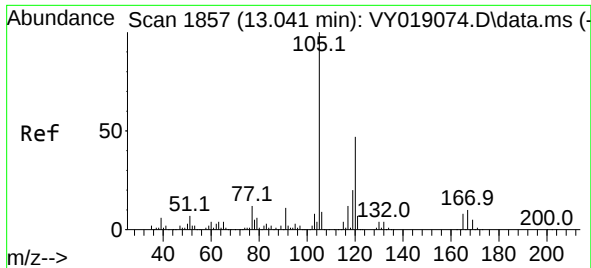
Tgt Ion:117 Resp: 94473
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019285.D
Acq: 27 Aug 2024 14:46

Tgt Ion:152 Resp: 38912
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 154.2 0.0 345.6





#84

1,2,4-Trimethylbenzene

Concen: 1.018 ug/l

RT: 13.047 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019285.D

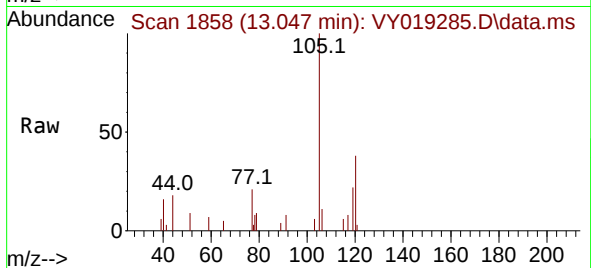
Acq: 27 Aug 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-08232024



Tgt Ion:105 Resp: 2466

Ion Ratio Lower Upper

105 100

120 42.9 23.2 69.6

