

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021353.D
 Acq On : 27 Feb 2025 13:14
 Operator : SY/MD
 Sample : Q1428-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-022525RE

Quant Time: Feb 28 03:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

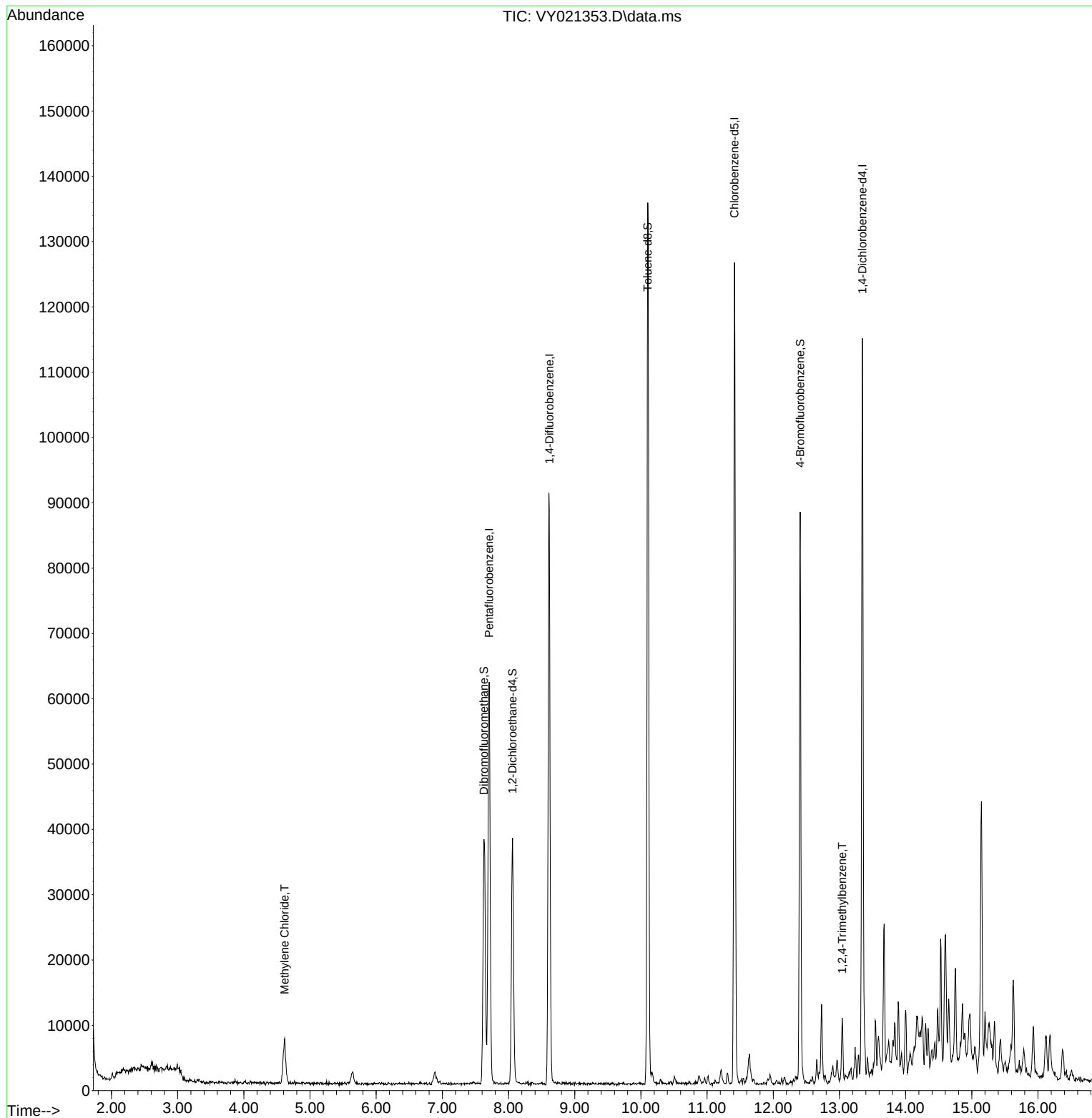
Internal Standards						
1) Pentafluorobenzene	7.707	168	46198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	75251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30012	57.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.540%
35) Dibromofluoromethane	7.628	113	26675	54.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.103	98	88350	46.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.408	95	26230	40.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.760%
Target Compounds						
20) Methylene Chloride	4.616	84	4463	8.210	ug/l	89
84) 1,2,4-Trimethylbenzene	13.042	105	4956	3.006	ug/l	97

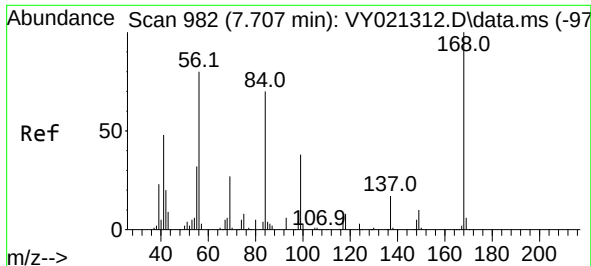
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021353.D
Acq On : 27 Feb 2025 13:14
Operator : SY/MD
Sample : Q1428-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525RE

Quant Time: Feb 28 03:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

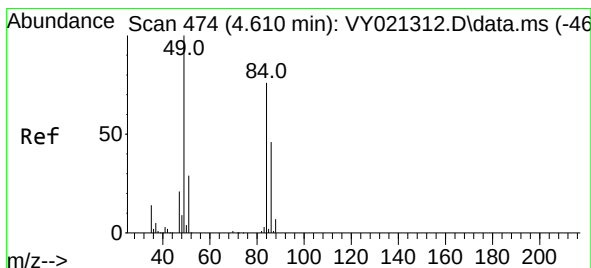
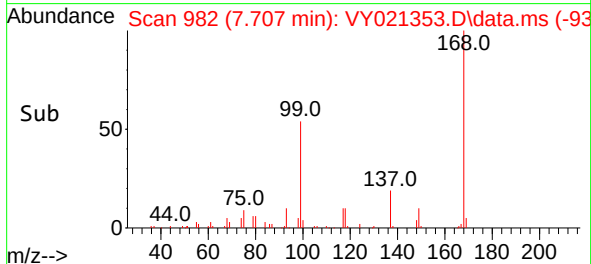
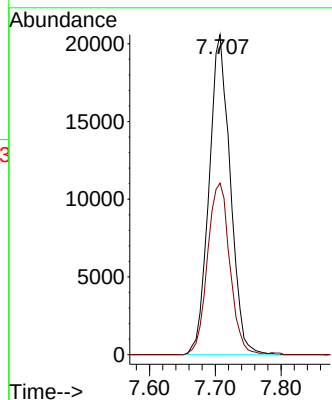
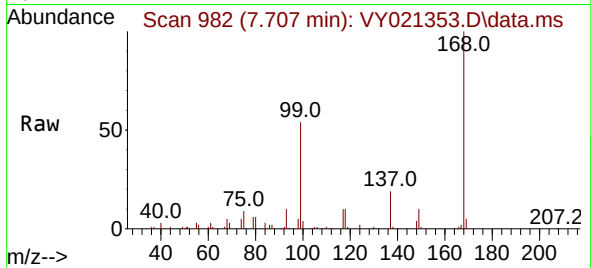




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021353.D
Acq: 27 Feb 2025 13:14

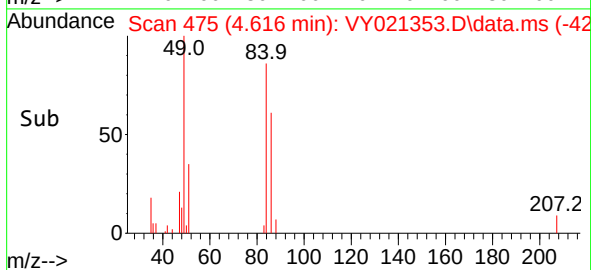
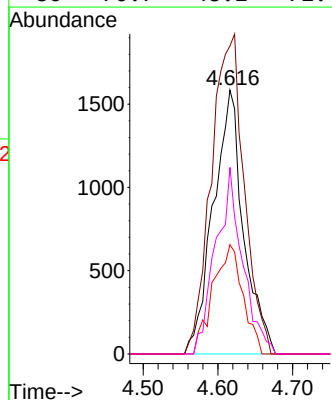
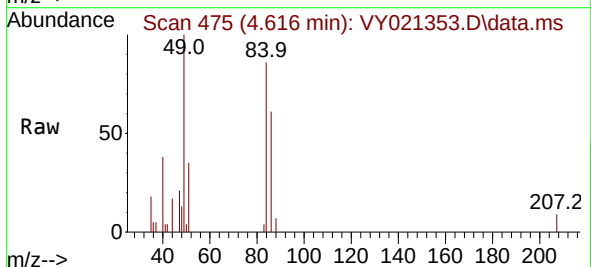
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525RE

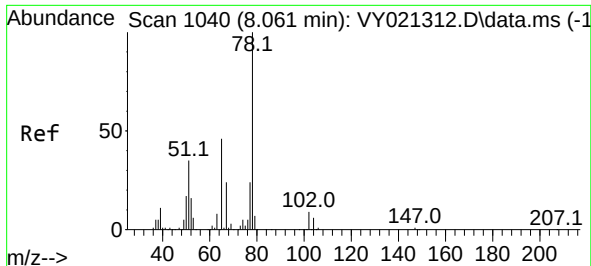
Tgt Ion:168 Resp: 46198
Ion Ratio Lower Upper
168 100
99 53.6 47.1 70.7



#20
Methylene Chloride
Concen: 8.210 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021353.D
Acq: 27 Feb 2025 13:14

Tgt Ion: 84 Resp: 4463
Ion Ratio Lower Upper
84 100
49 116.7 105.1 157.7
51 41.4 31.0 46.4
86 70.7 48.2 72.4





#33

1,2-Dichloroethane-d4

Concen: 57.267 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021353.D

Acq: 27 Feb 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

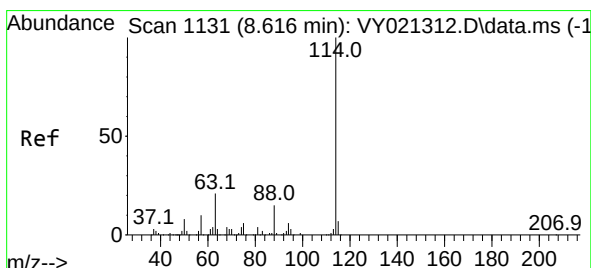
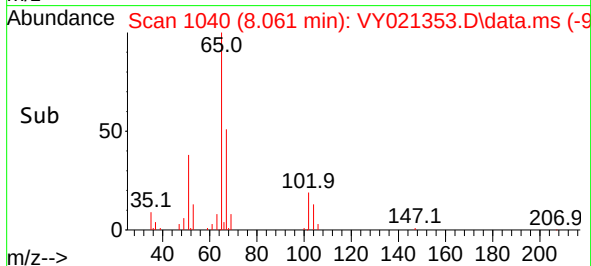
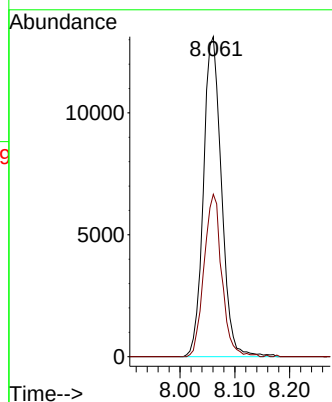
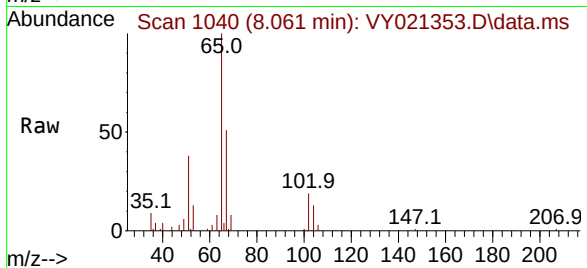
NB-07-022525RE

Tgt Ion: 65 Resp: 30012

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021353.D

Acq: 27 Feb 2025 13:14

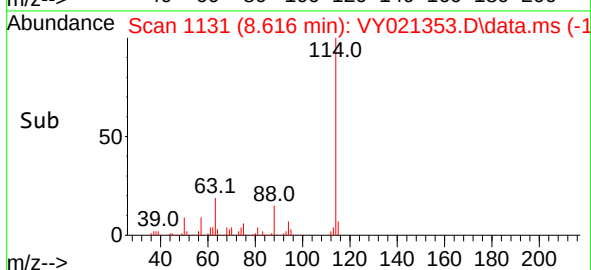
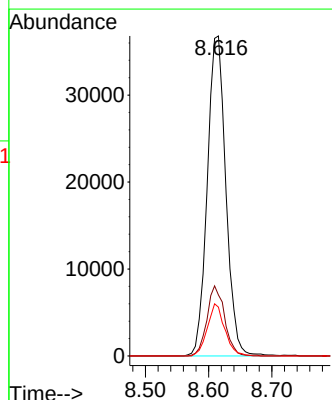
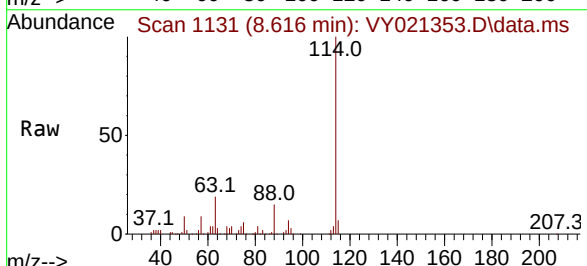
Tgt Ion: 114 Resp: 75251

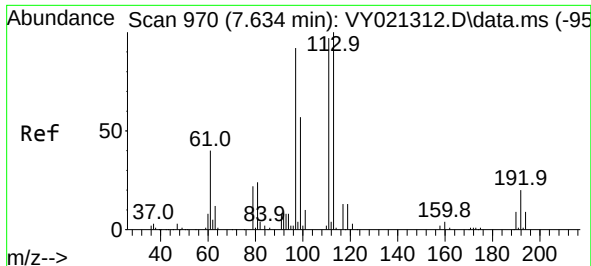
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.2

88 15.2 0.0 29.8

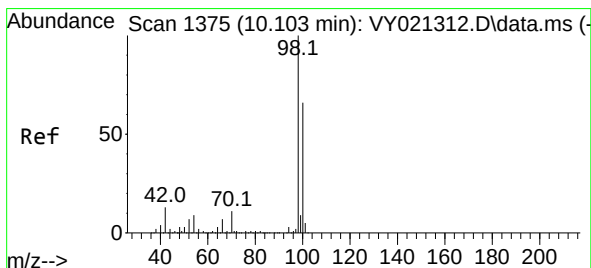
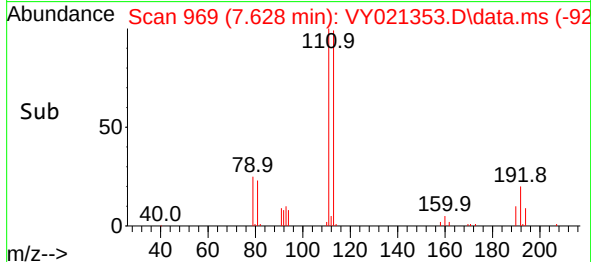
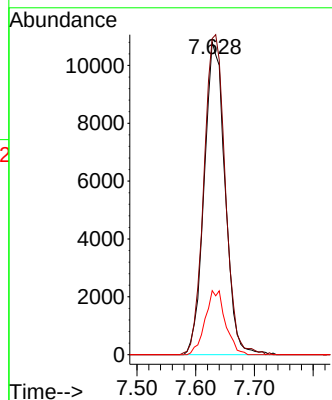
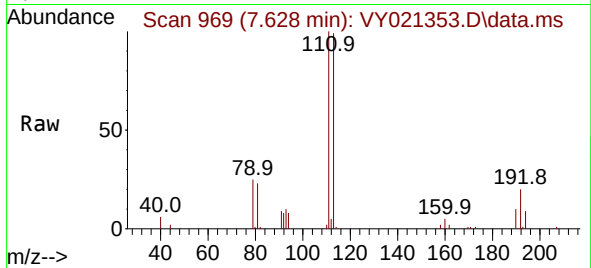




#35
 Dibromofluoromethane
 Concen: 54.069 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021353.D
 Acq: 27 Feb 2025 13:14

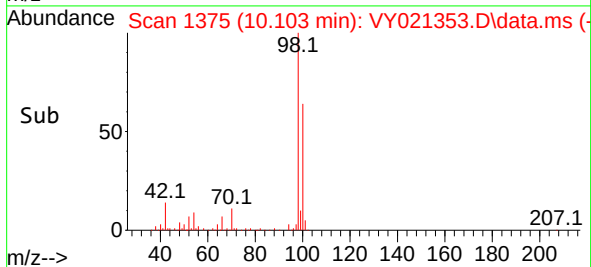
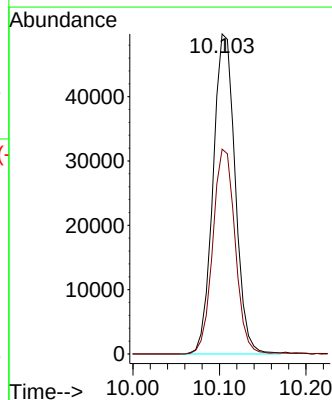
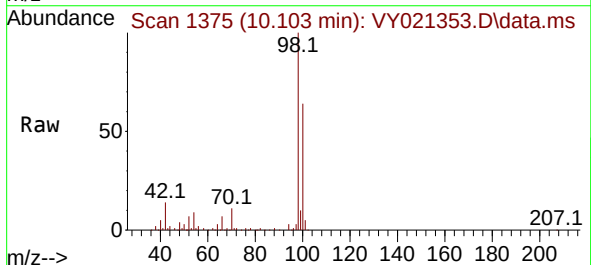
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-022525RE

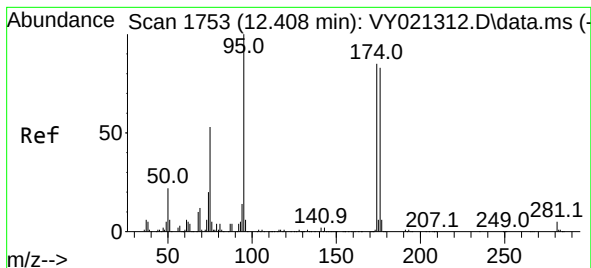
Tgt Ion:	113	Resp:	26675
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.0	121.6
192	19.9	15.8	23.8



#50
 Toluene-d8
 Concen: 46.337 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY021353.D
 Acq: 27 Feb 2025 13:14

Tgt Ion:	98	Resp:	88350
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6

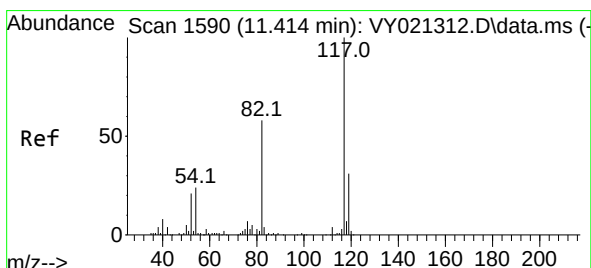
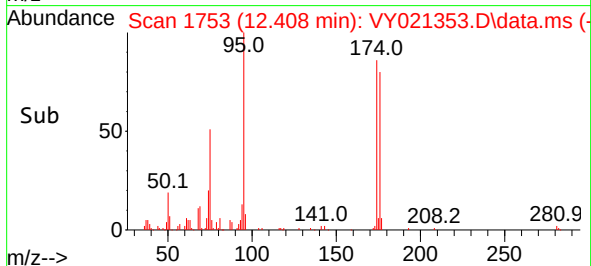
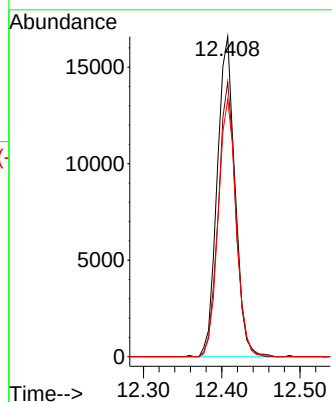
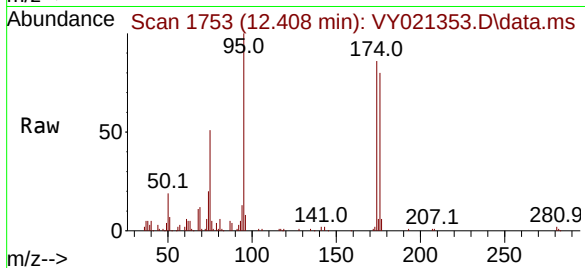




#62
4-Bromofluorobenzene
Concen: 40.877 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021353.D
Acq: 27 Feb 2025 13:14

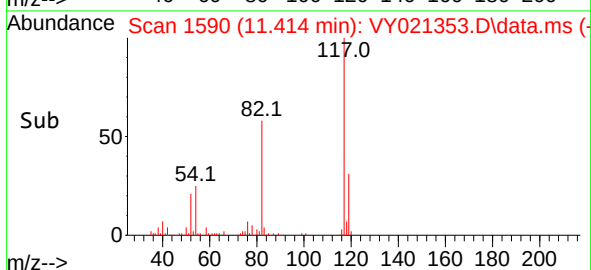
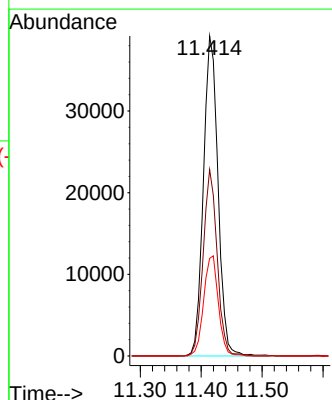
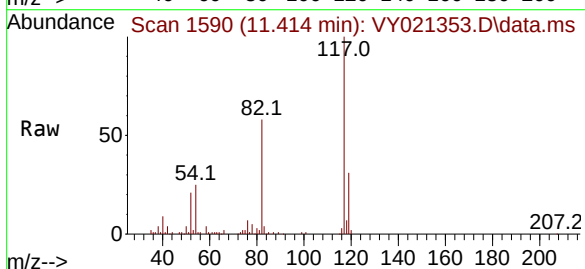
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-022525RE

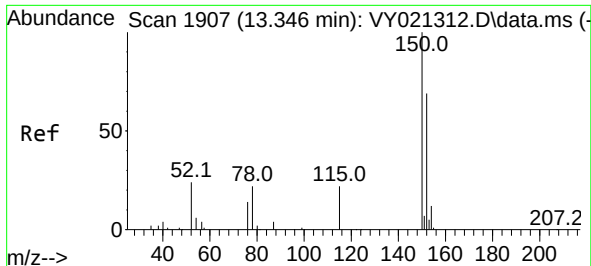
Tgt Ion: 95 Resp: 26230
Ion Ratio Lower Upper
95 100
174 84.0 0.0 168.0
176 80.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021353.D
Acq: 27 Feb 2025 13:14

Tgt Ion: 117 Resp: 65329
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 30.5 24.9 37.3

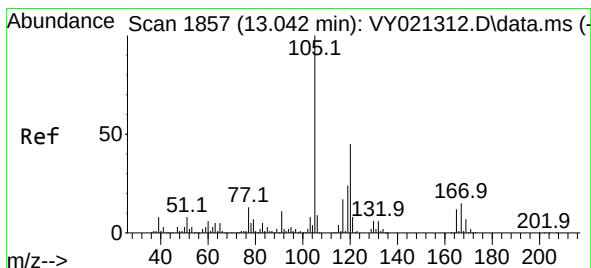
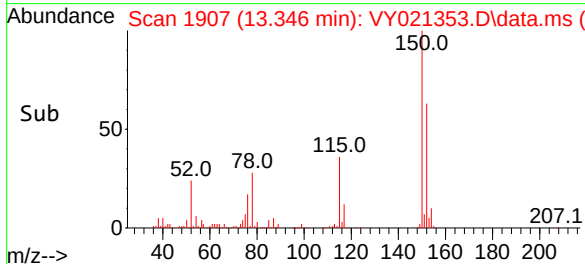
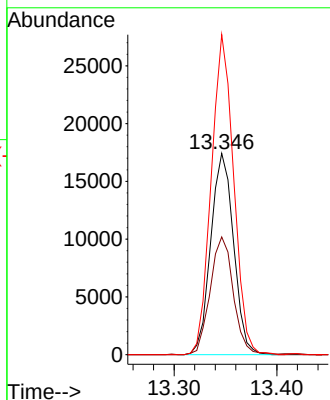
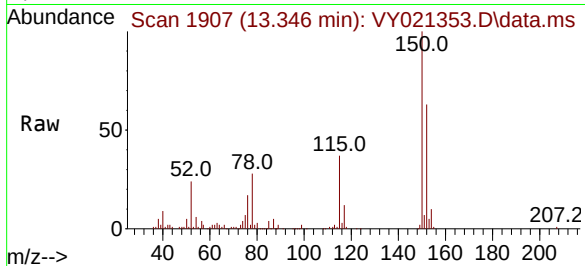




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021353.D
 Acq: 27 Feb 2025 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-022525RE

Tgt Ion:152 Resp: 26889
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.3 88.0
 150 156.0 0.0 347.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.006 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021353.D
 Acq: 27 Feb 2025 13:14

Tgt Ion:105 Resp: 4956
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.4 67.3

