

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019905.D
 Acq On : 15 Oct 2024 15:48
 Operator : SY/MD
 Sample : P4400-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-101424

Quant Time: Oct 16 02:52:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

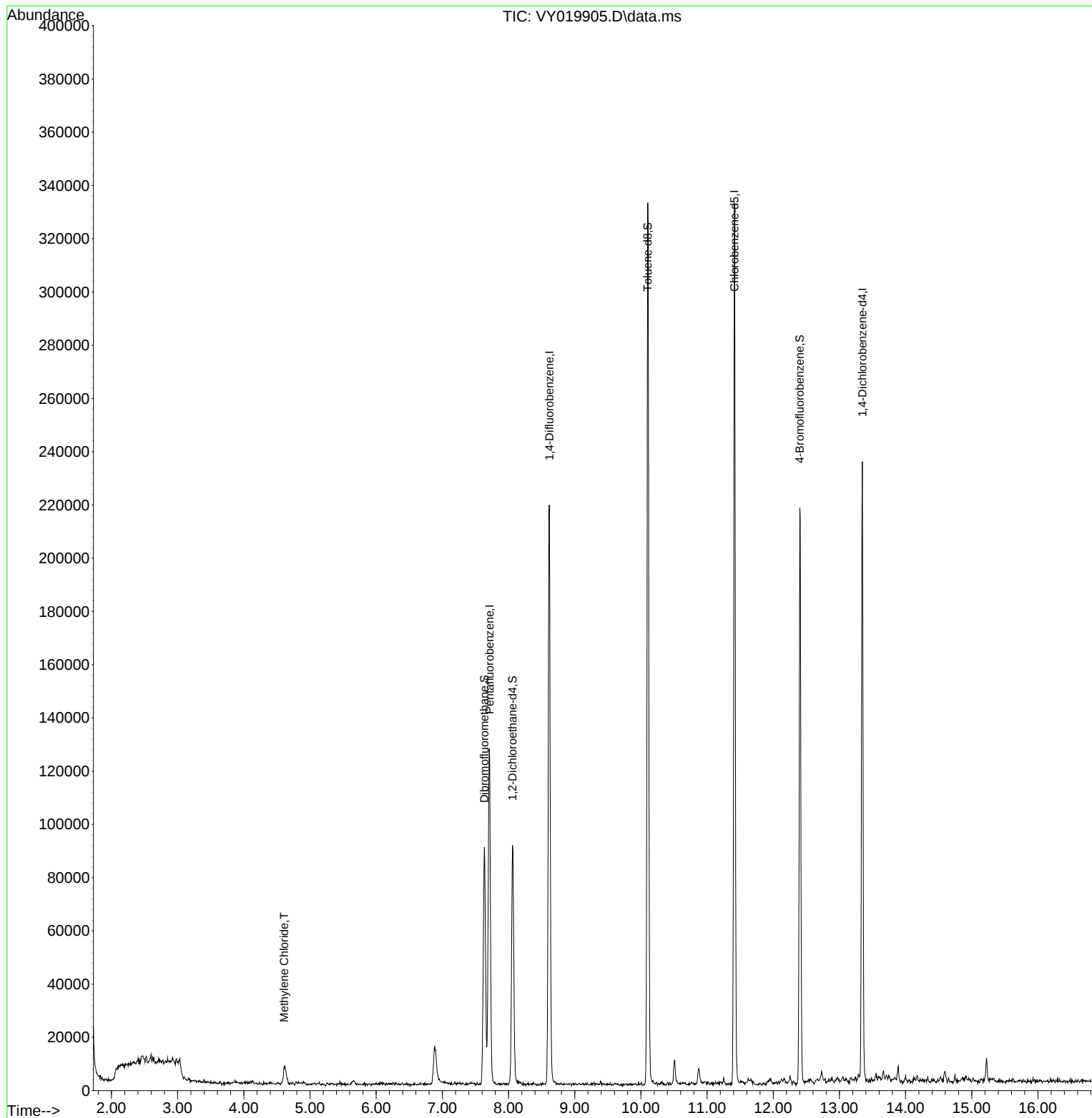
Internal Standards						
1) Pentafluorobenzene	7.713	168	89038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	179155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71296	65.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.060%
35) Dibromofluoromethane	7.634	113	62260	52.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.103	98	211423	48.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.401	95	65977	41.824	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.640%
Target Compounds						
20) Methylene Chloride	4.610	84	4753	3.762	ug/l	# 74

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

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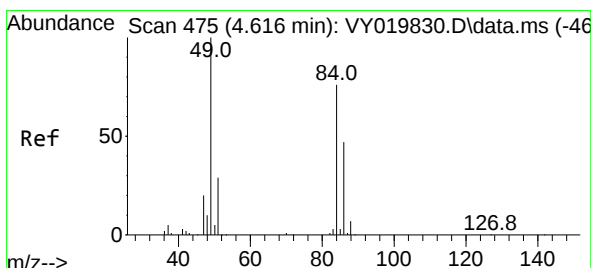
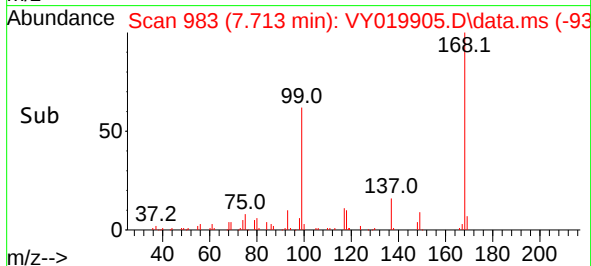
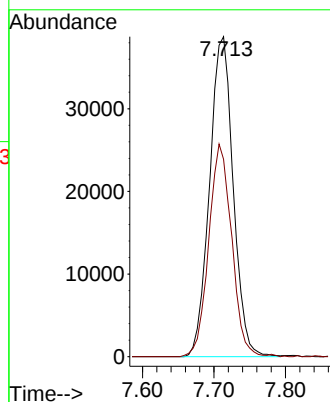
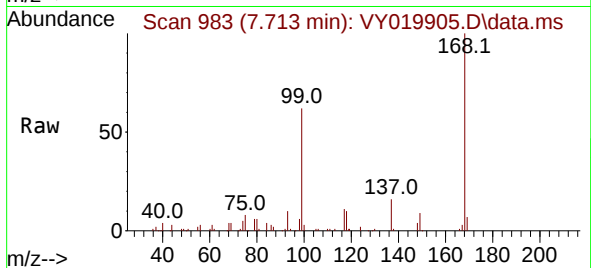




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

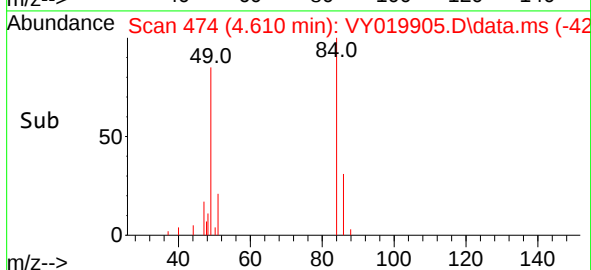
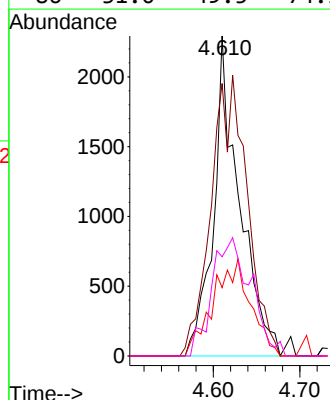
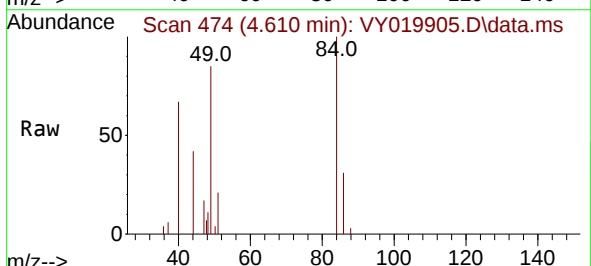
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101424

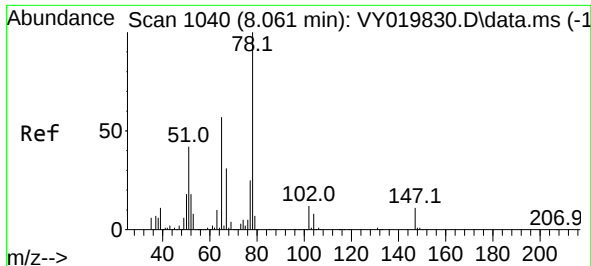
Tgt Ion:168 Resp: 89038
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#20
Methylene Chloride
Concen: 3.762 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 84 Resp: 4753
Ion Ratio Lower Upper
84 100
49 85.2 84.4 126.6
51 21.3 26.0 39.0#
86 31.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 65.032 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019905.D

Acq: 15 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

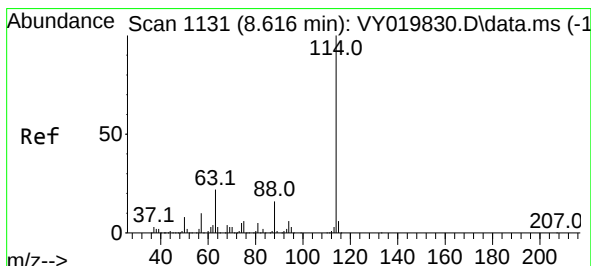
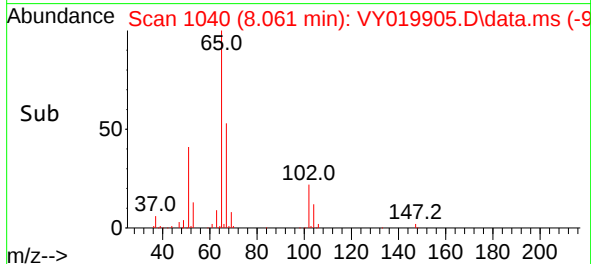
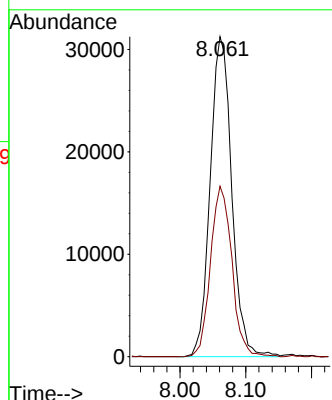
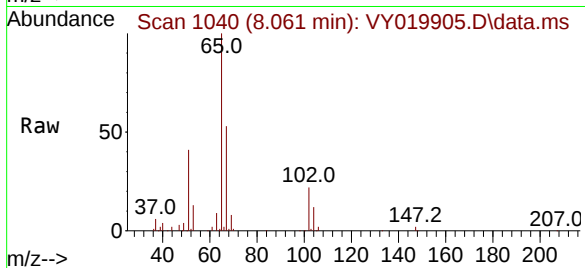
NB-08-101424

Tgt Ion: 65 Resp: 71296

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019905.D

Acq: 15 Oct 2024 15:48

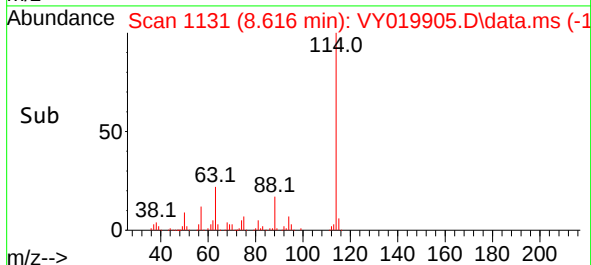
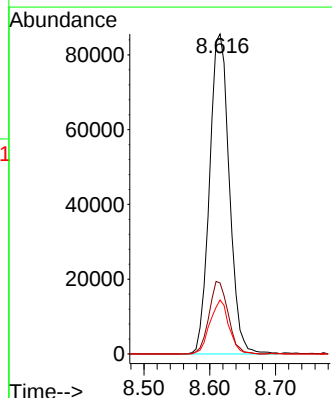
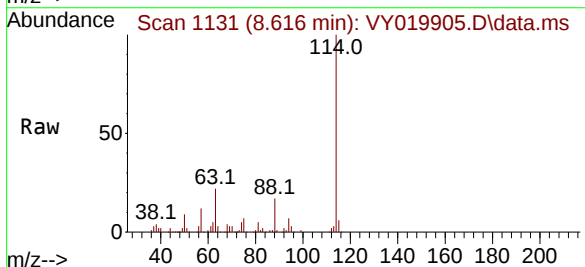
Tgt Ion: 114 Resp: 179155

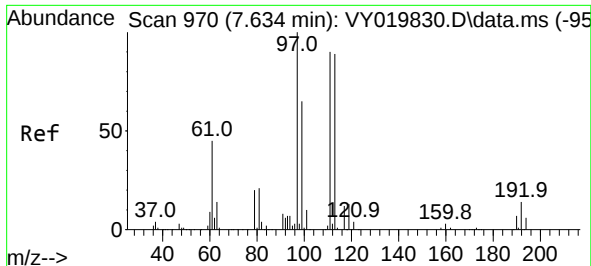
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 16.9 0.0 27.2

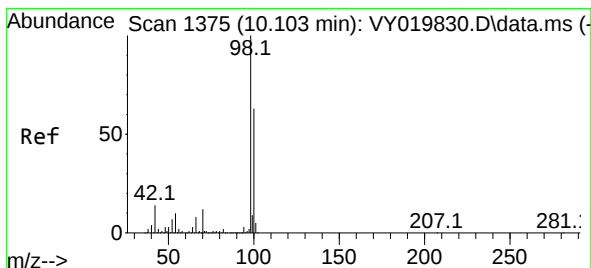
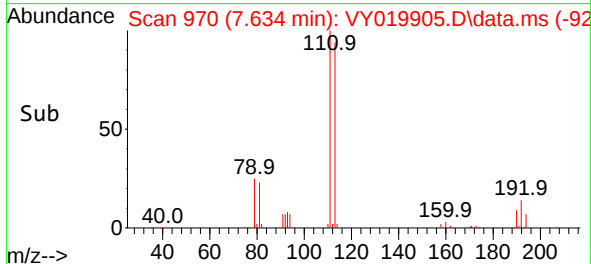
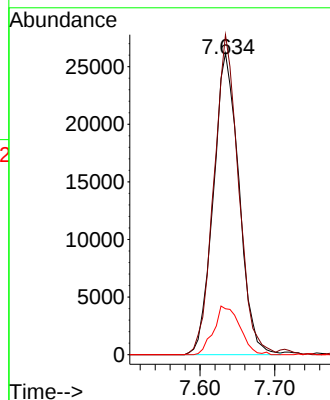
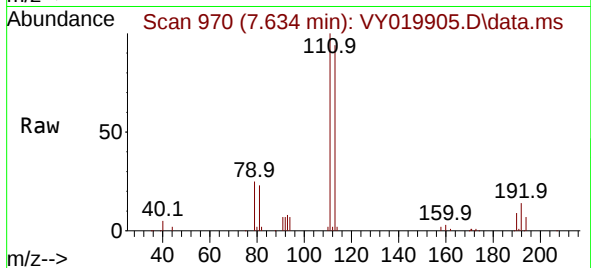




#35
Dibromofluoromethane
Concen: 52.663 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

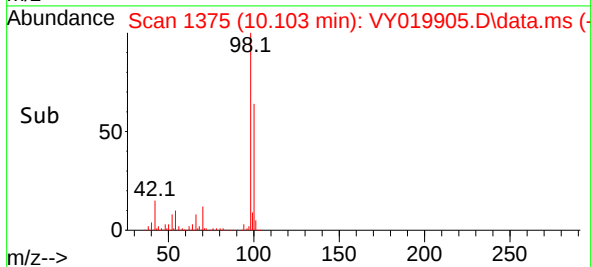
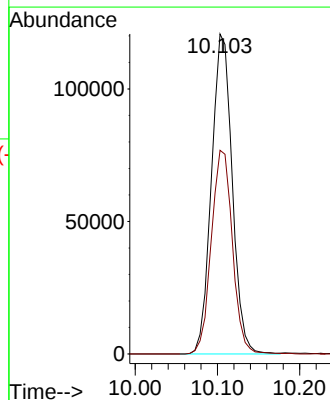
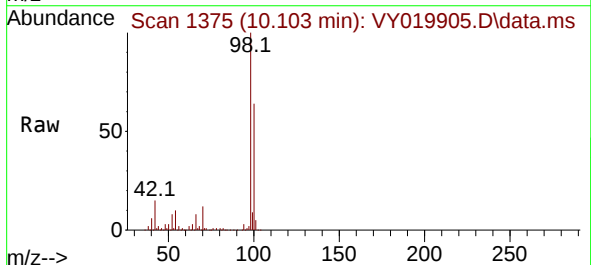
Instrument :
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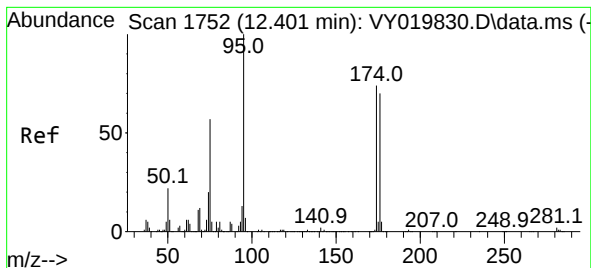
Tgt Ion:113 Resp: 62260
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.4 15.9 23.9



#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 98 Resp: 211423
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

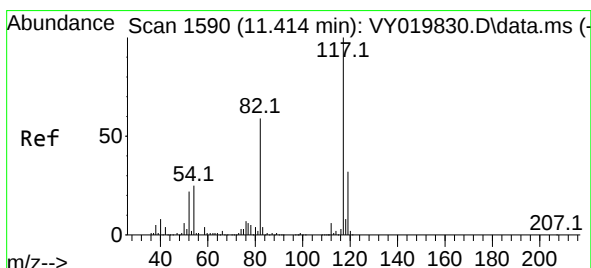
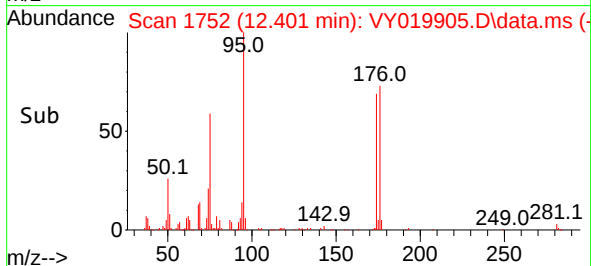
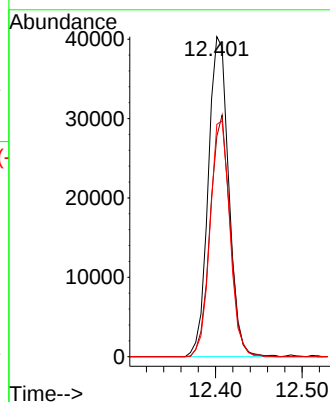
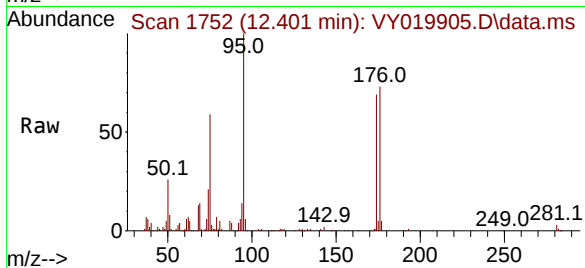




#62
4-Bromofluorobenzene
Concen: 41.824 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

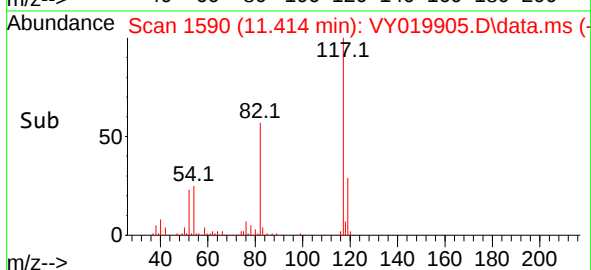
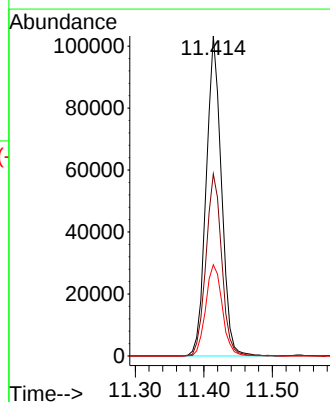
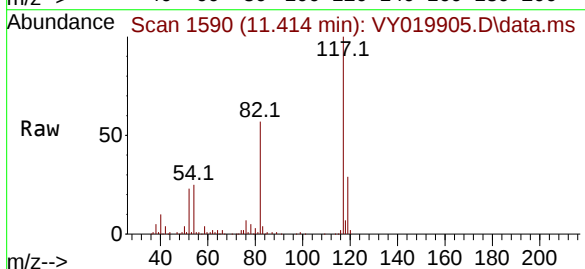
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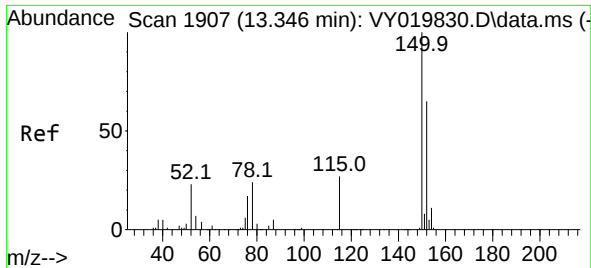
Tgt Ion: 95 Resp: 65977
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 117 Resp: 160411
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 28.5 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: VY019905.D

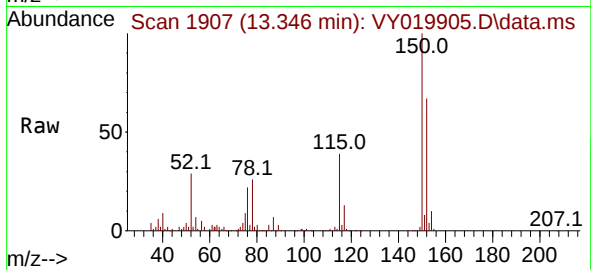
Acq: 15 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-101424



Tgt Ion:152 Resp: 53714

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 156.2 0.0 345.6

