

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021093.D
 Acq On : 05 Feb 2025 16:58
 Operator : SY/MD
 Sample : Q1286-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-020425-VOC

Quant Time: Feb 06 00:56:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

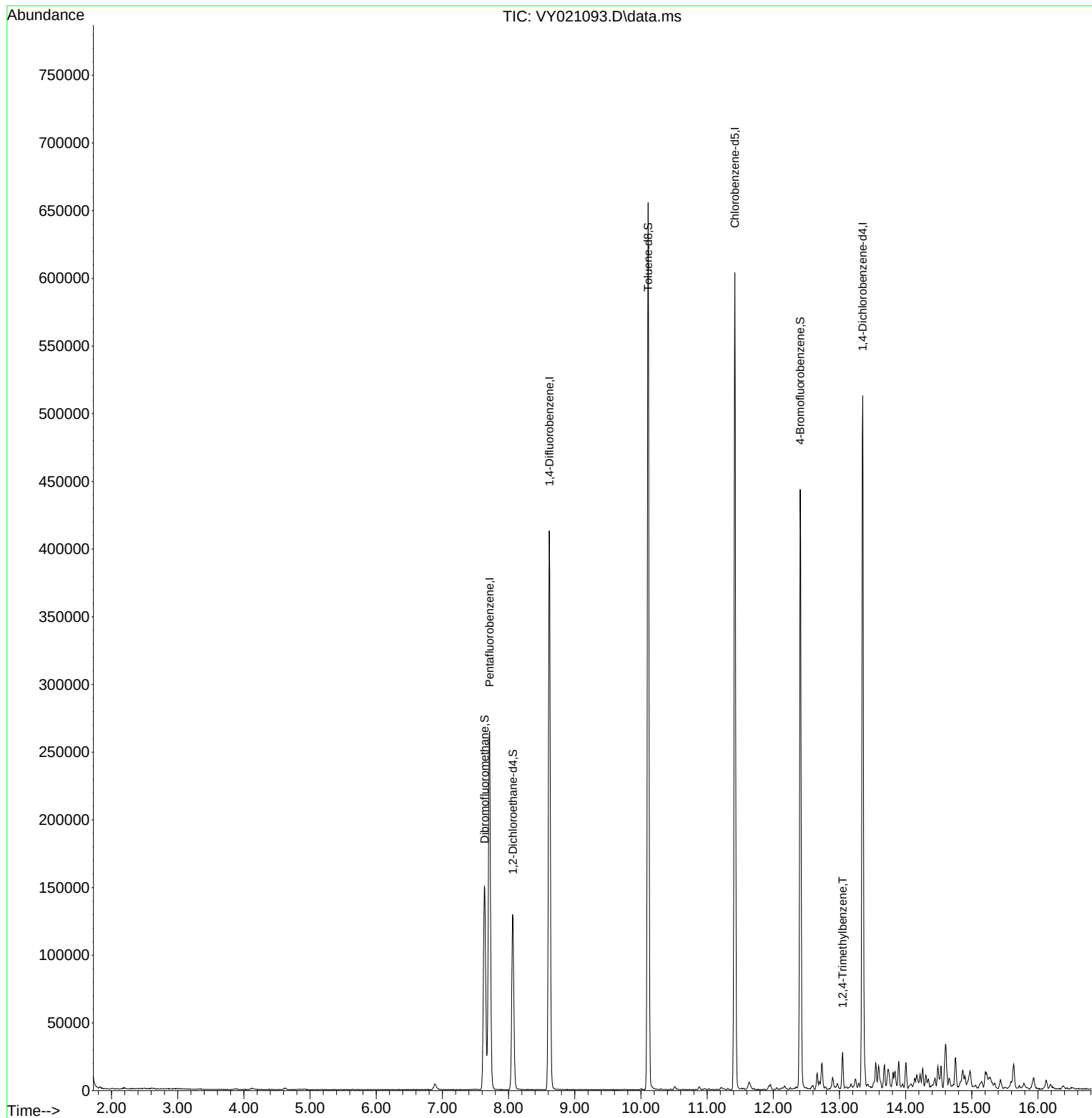
Internal Standards						
1) Pentafluorobenzene	7.713	168	203936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	340354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	307078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	127720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102920	49.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.640	113	107906	49.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.109	98	410838	49.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.407	95	130136	47.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.940%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.047	105	13754	1.739	ug/l	Qvalue 97

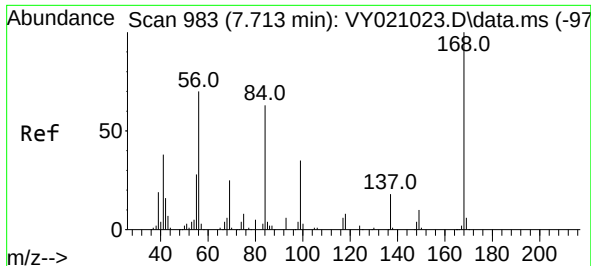
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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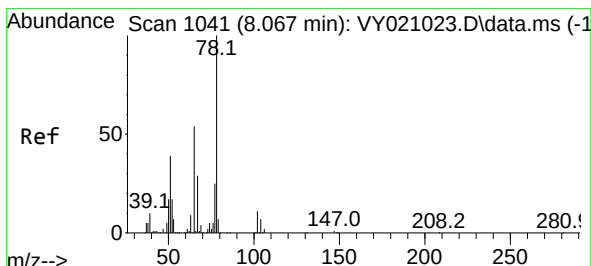
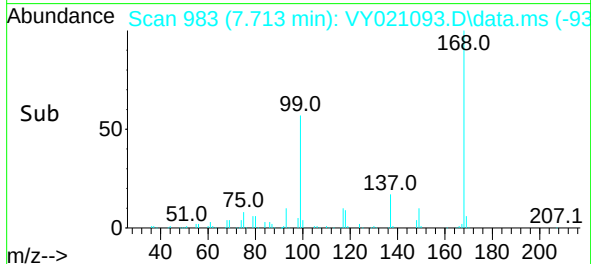
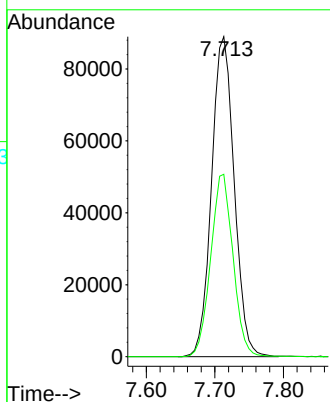
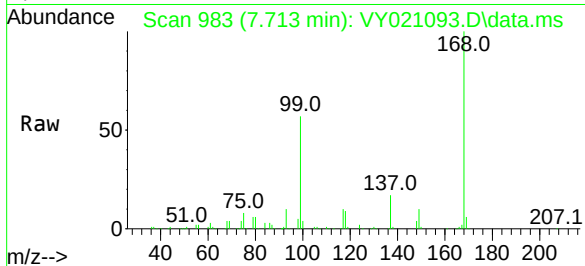




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

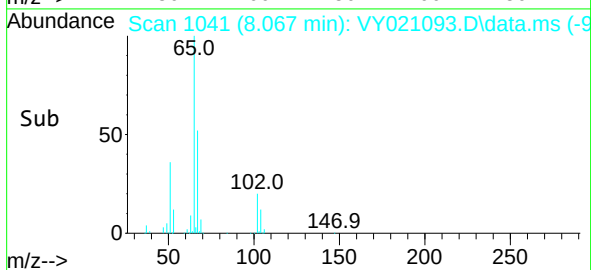
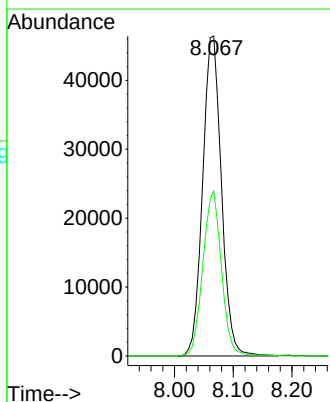
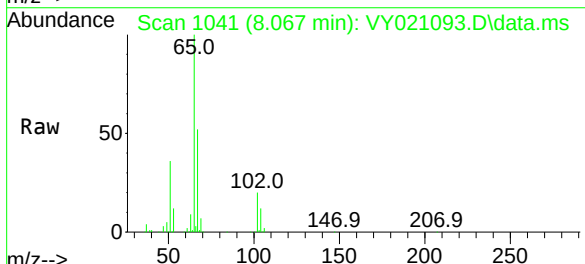
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-020425-VOC

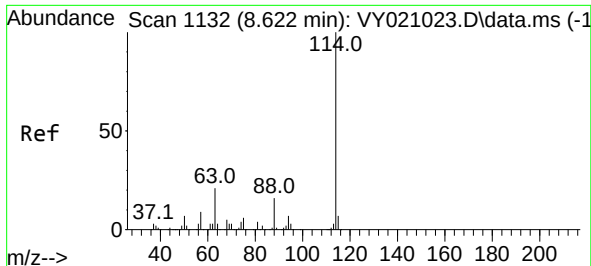
Tgt Ion:168 Resp: 203936
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.256 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion: 65 Resp: 102920
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.0

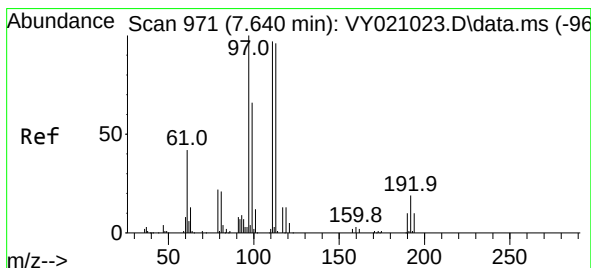
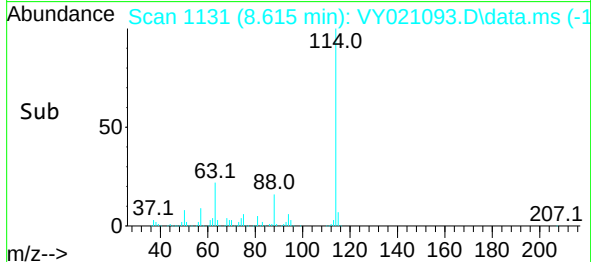
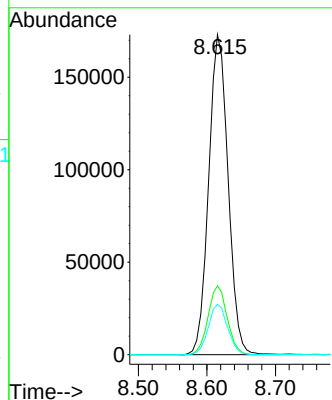
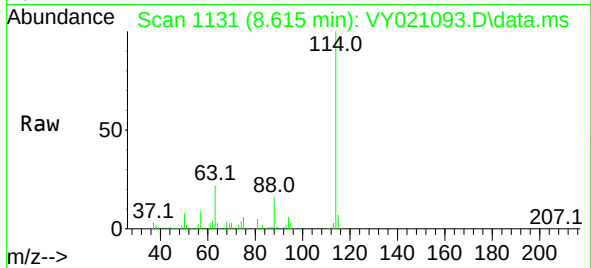




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

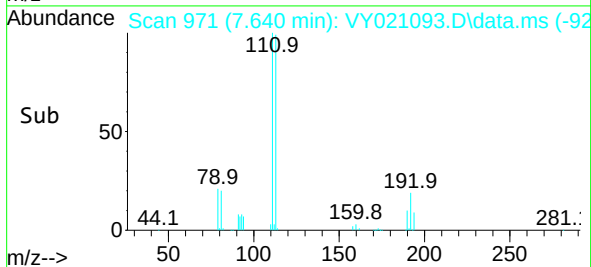
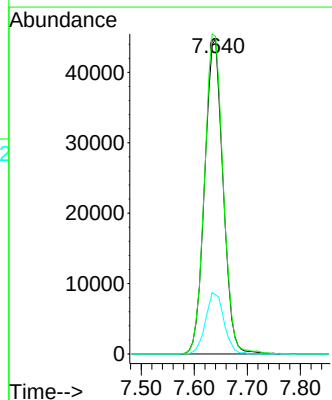
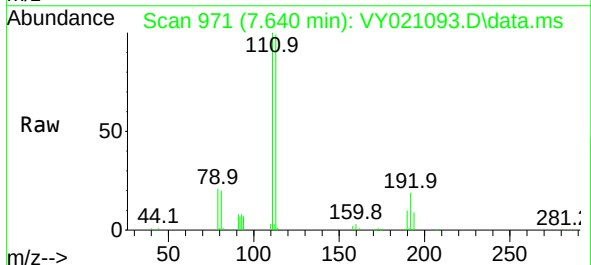
Instrument :
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ClientSampleId :
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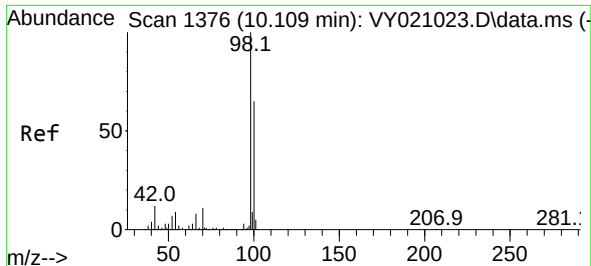
Tgt Ion:114 Resp: 340354
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.4
88 15.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.471 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion:113 Resp: 107906
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 19.5 14.5 21.7

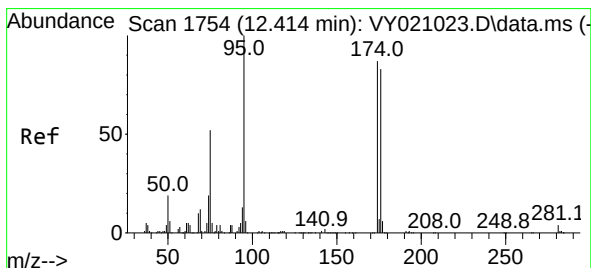
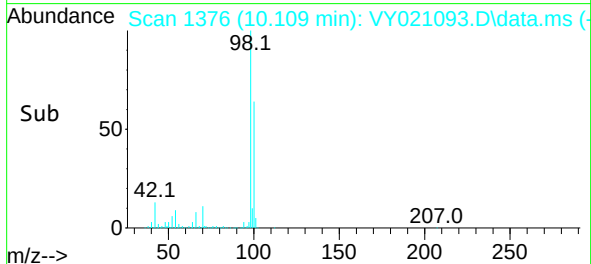
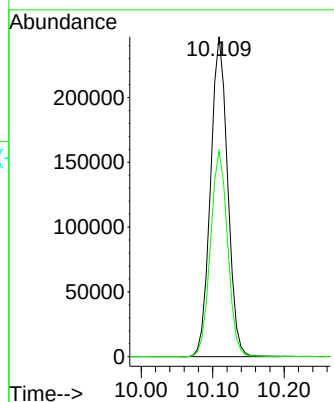
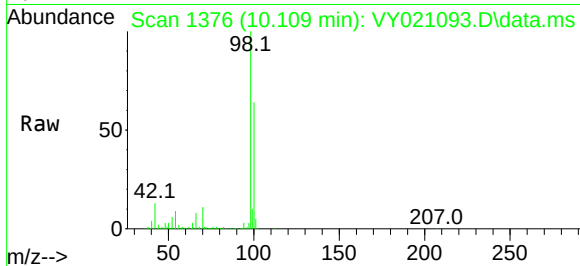




#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

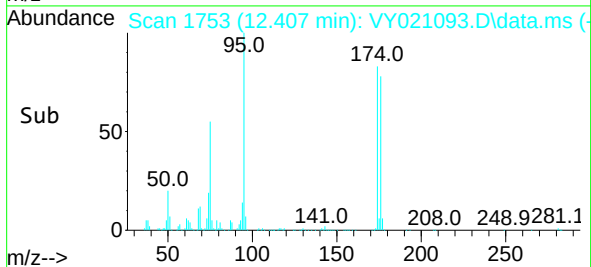
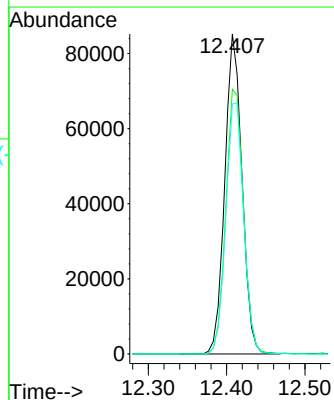
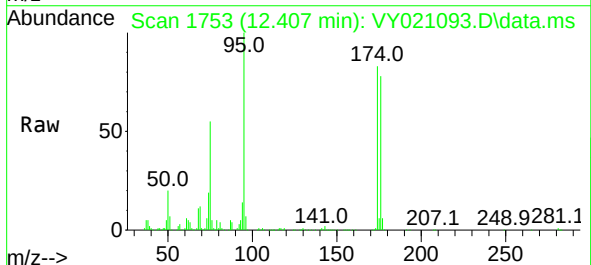
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-020425-VOC

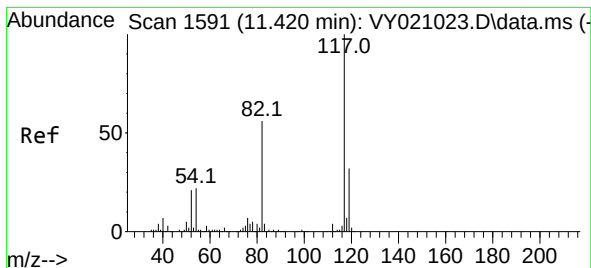
Tgt Ion: 98 Resp: 410838
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.970 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion: 95 Resp: 130136
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 81.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-020425-VOC

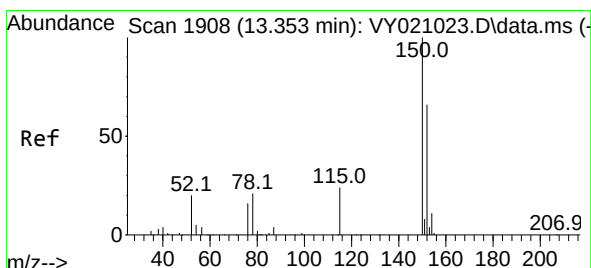
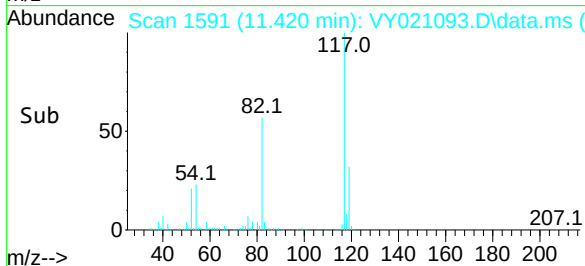
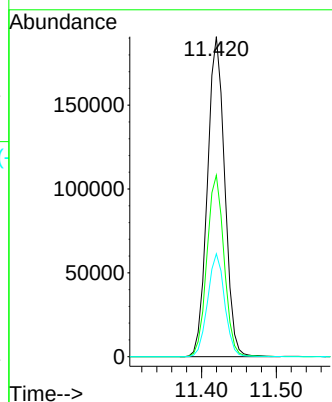
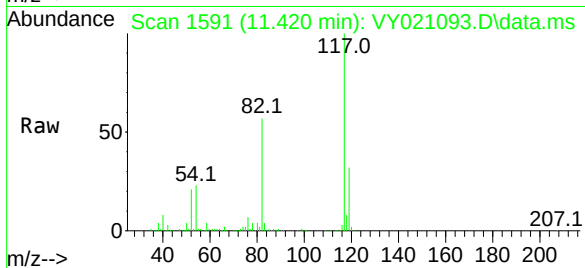
Tgt Ion:117 Resp: 307078

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

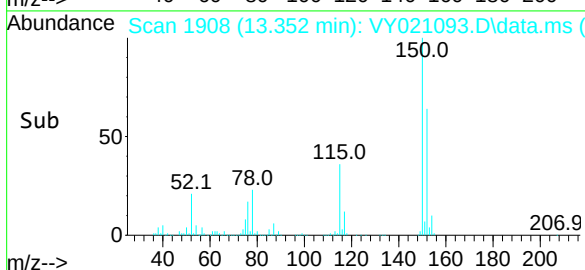
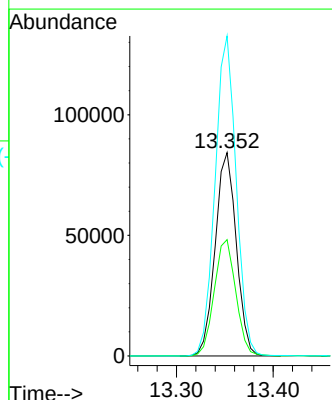
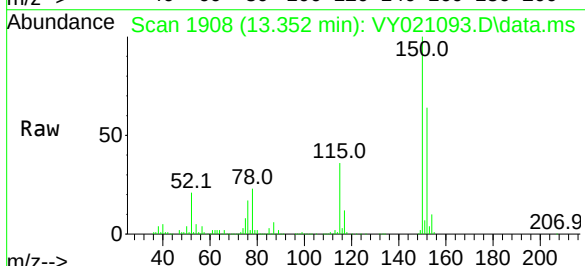
Tgt Ion:152 Resp: 127720

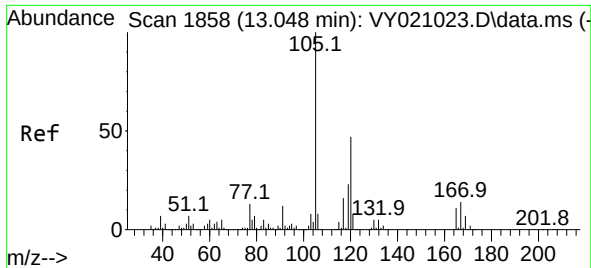
Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 157.3 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.739 ug/l
 RT: 13.047 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021093.D
 Acq: 05 Feb 2025 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:105 Resp: 13754
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.1 66.3

