

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020095.D
 Acq On : 31 Oct 2024 15:25
 Operator : SY/MD
 Sample : P4614-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-102924

Quant Time: Oct 31 17:16:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	47105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	87742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	70708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	21388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30631	52.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.200%
35) Dibromofluoromethane	7.634	113	30264	54.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.103	98	101761	45.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.401	95	26516	36.763	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.520%

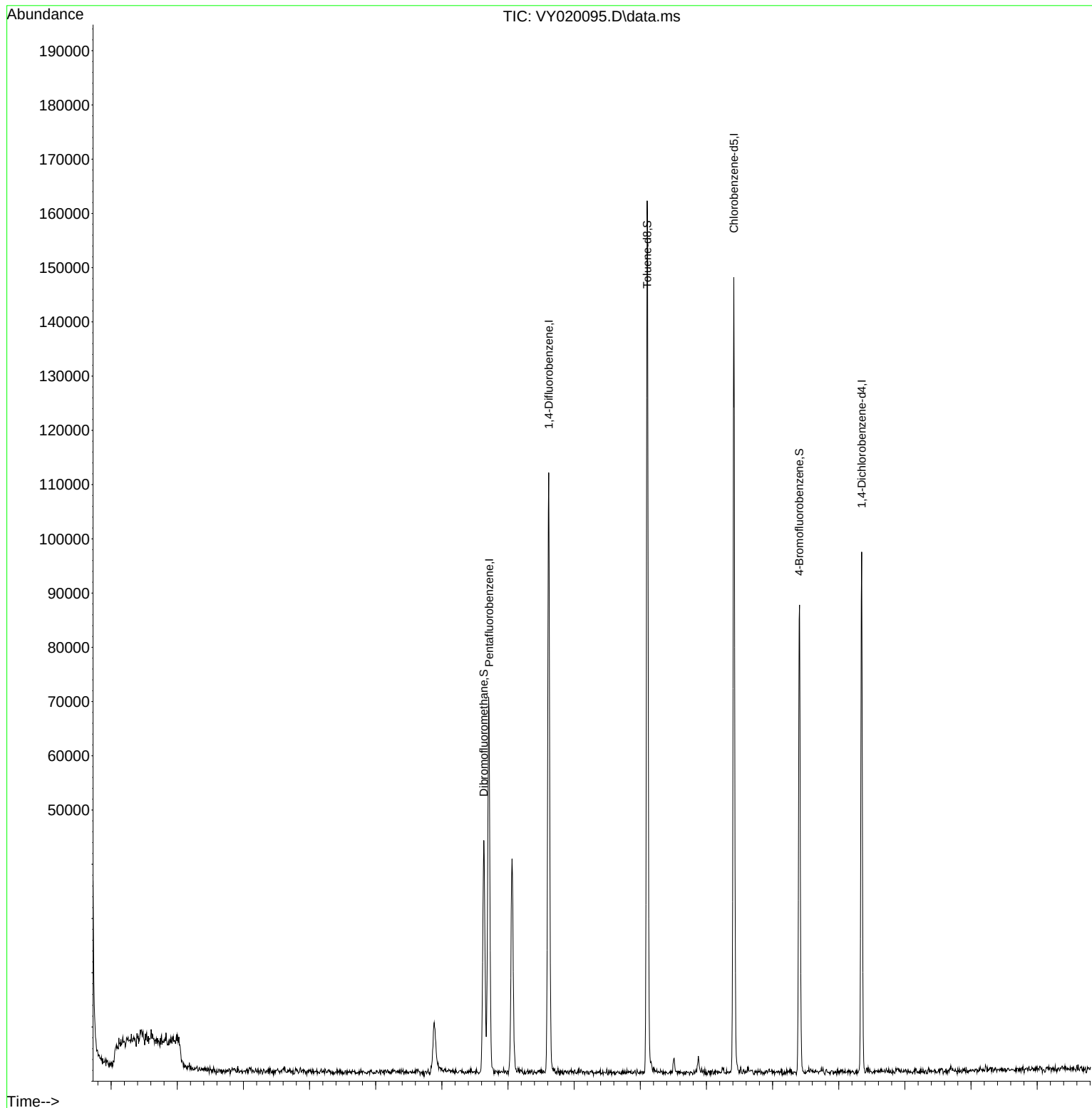
Target Compounds Qvalue

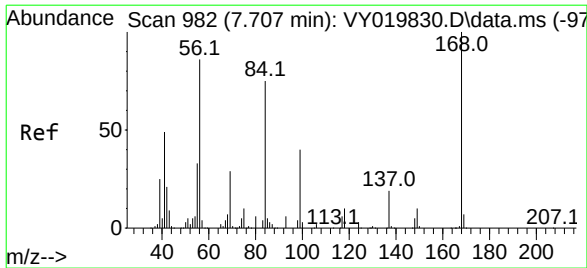
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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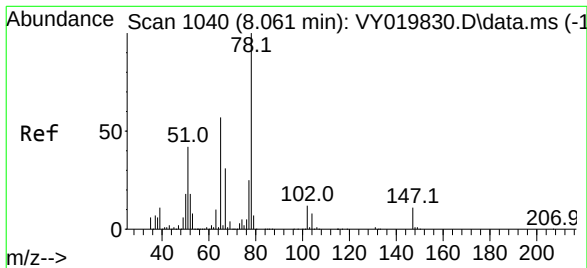
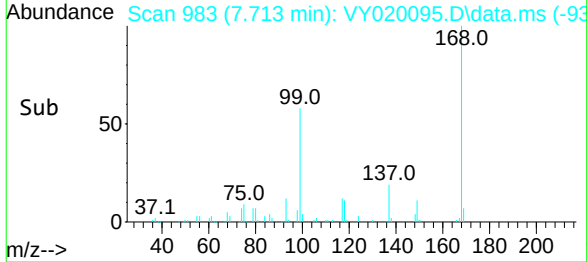
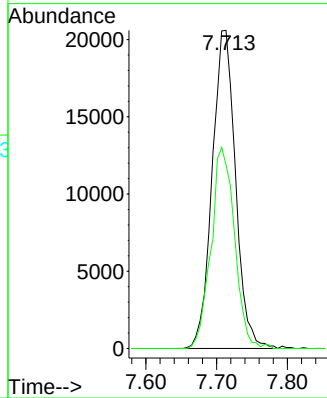
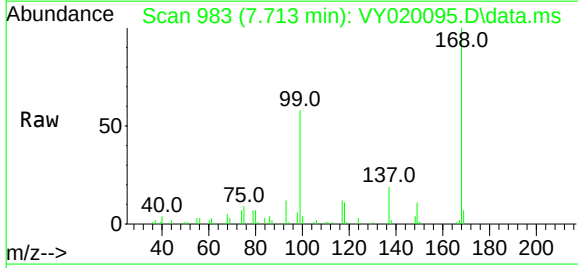




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020095.D
Acq: 31 Oct 2024 15:25

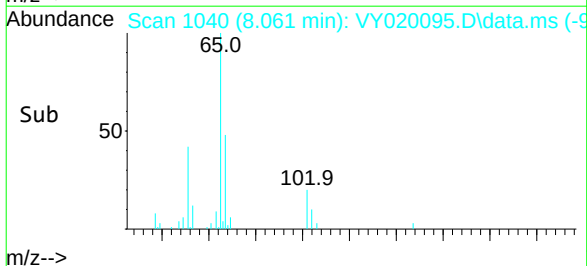
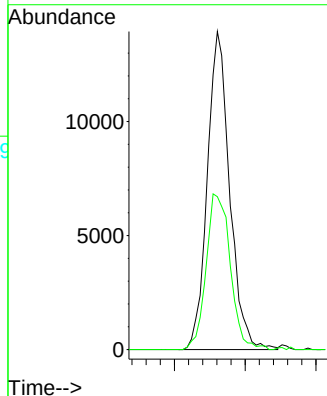
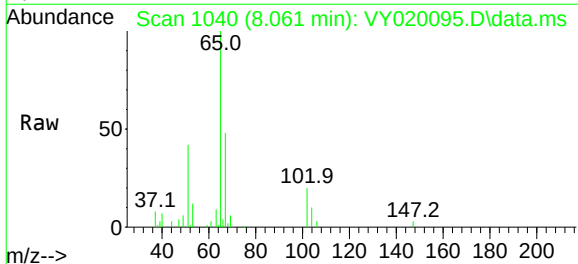
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102924

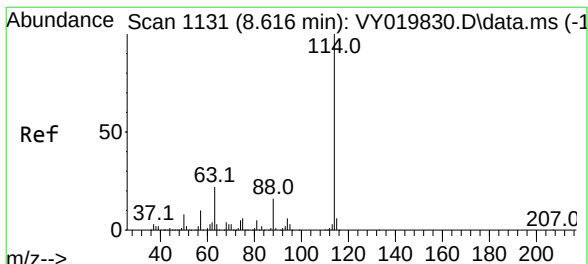
Tgt Ion:168 Resp: 47105
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.102 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020095.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 65 Resp: 30631
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

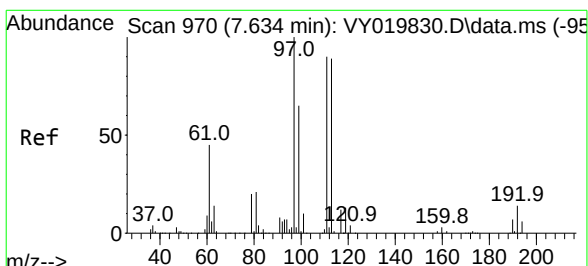
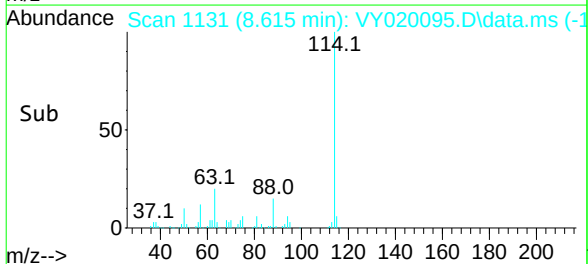
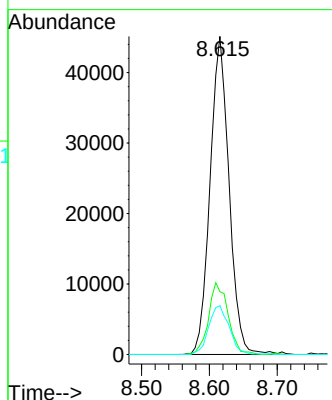
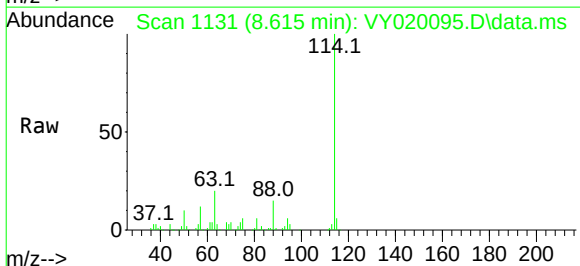




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020095.D
Acq: 31 Oct 2024 15:25

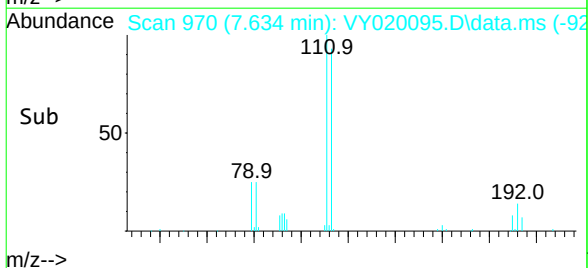
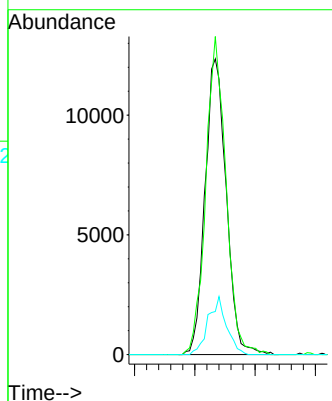
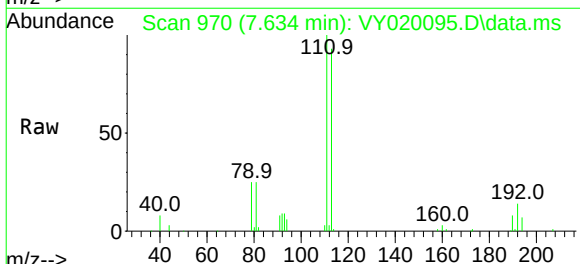
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102924

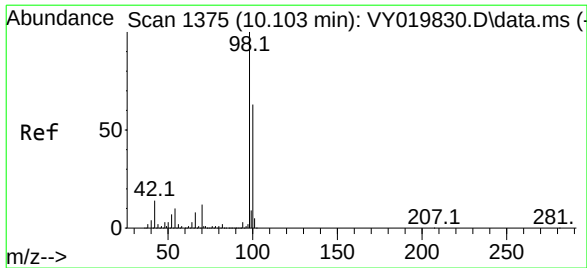
Tgt Ion:	114	Resp:	87742
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	35.0
88	15.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.250 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020095.D
Acq: 31 Oct 2024 15:25

Tgt Ion:	113	Resp:	30264
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 45.827 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020095.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

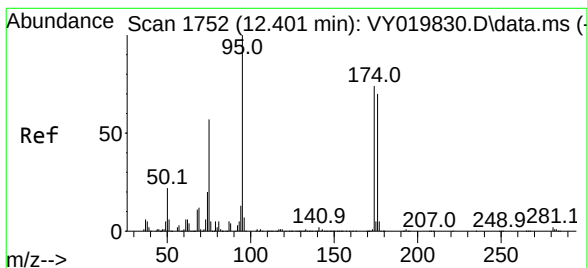
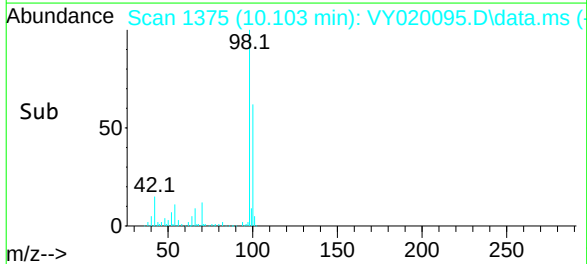
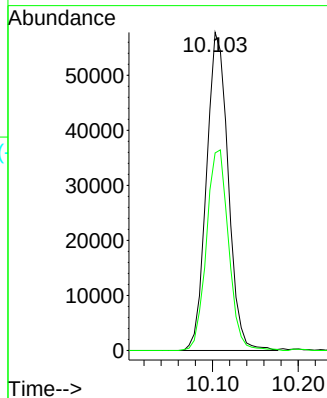
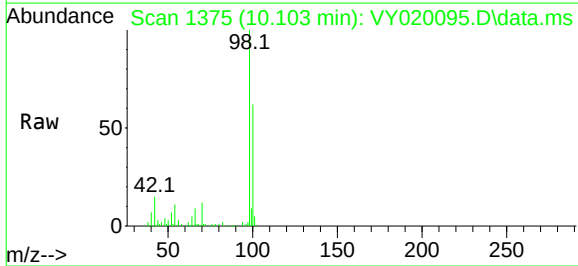
NB-07-102924

Tgt Ion: 98 Resp: 101761

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.763 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020095.D

Acq: 31 Oct 2024 15:25

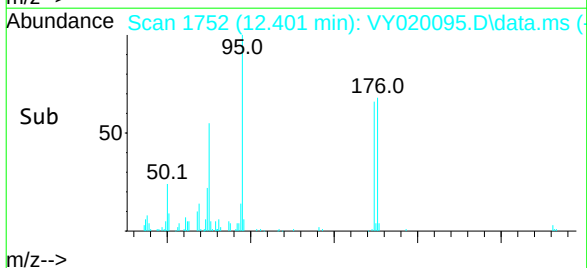
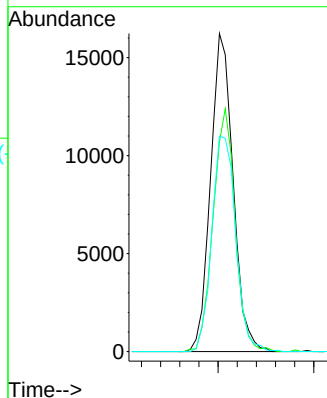
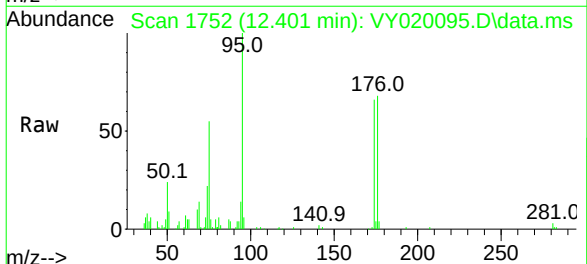
Tgt Ion: 95 Resp: 26516

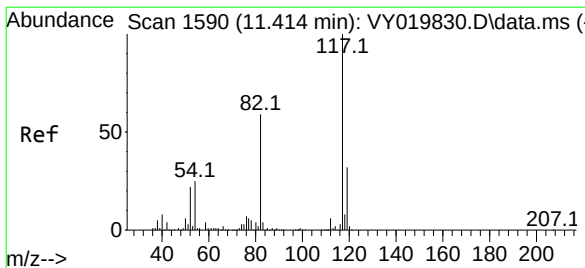
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 72.1 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: VY020095.D

Acq: 31 Oct 2024 15:25

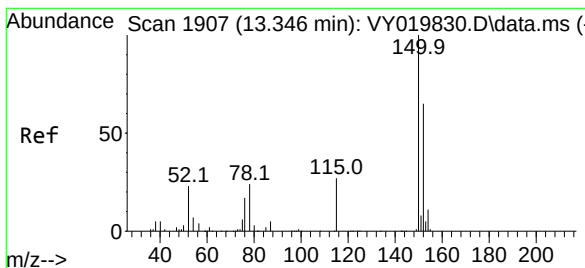
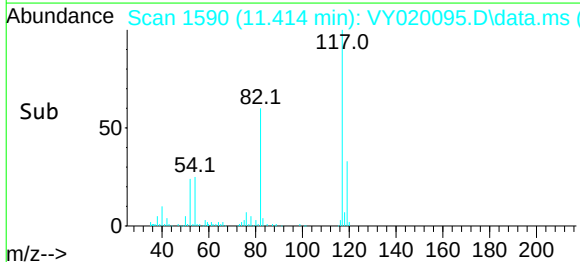
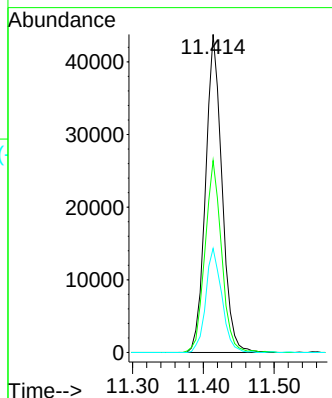
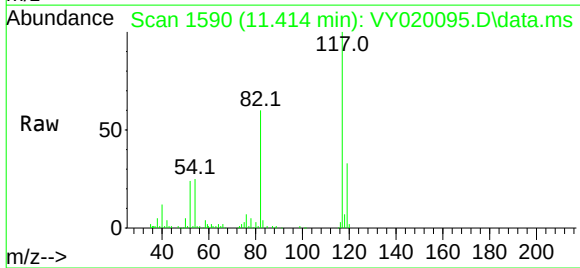
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-102924

Tgt Ion:	117	Resp:	70708
Ion	Ratio	Lower	Upper
117	100		
82	60.4	42.4	63.6
119	32.7	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: VY020095.D

Acq: 31 Oct 2024 15:25

Tgt Ion:	152	Resp:	21388
Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	163.6	0.0	345.6

