

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020190.D
 Acq On : 06 Nov 2024 18:37
 Operator : SY/MD
 Sample : P4706-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-110424

Quant Time: Nov 07 00:30:50 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	10098	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	17828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12620	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6387	50.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.360%
35) Dibromofluoromethane	7.634	113	6155	54.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.103	98	20201	44.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.414	95	4041	27.574	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.140%

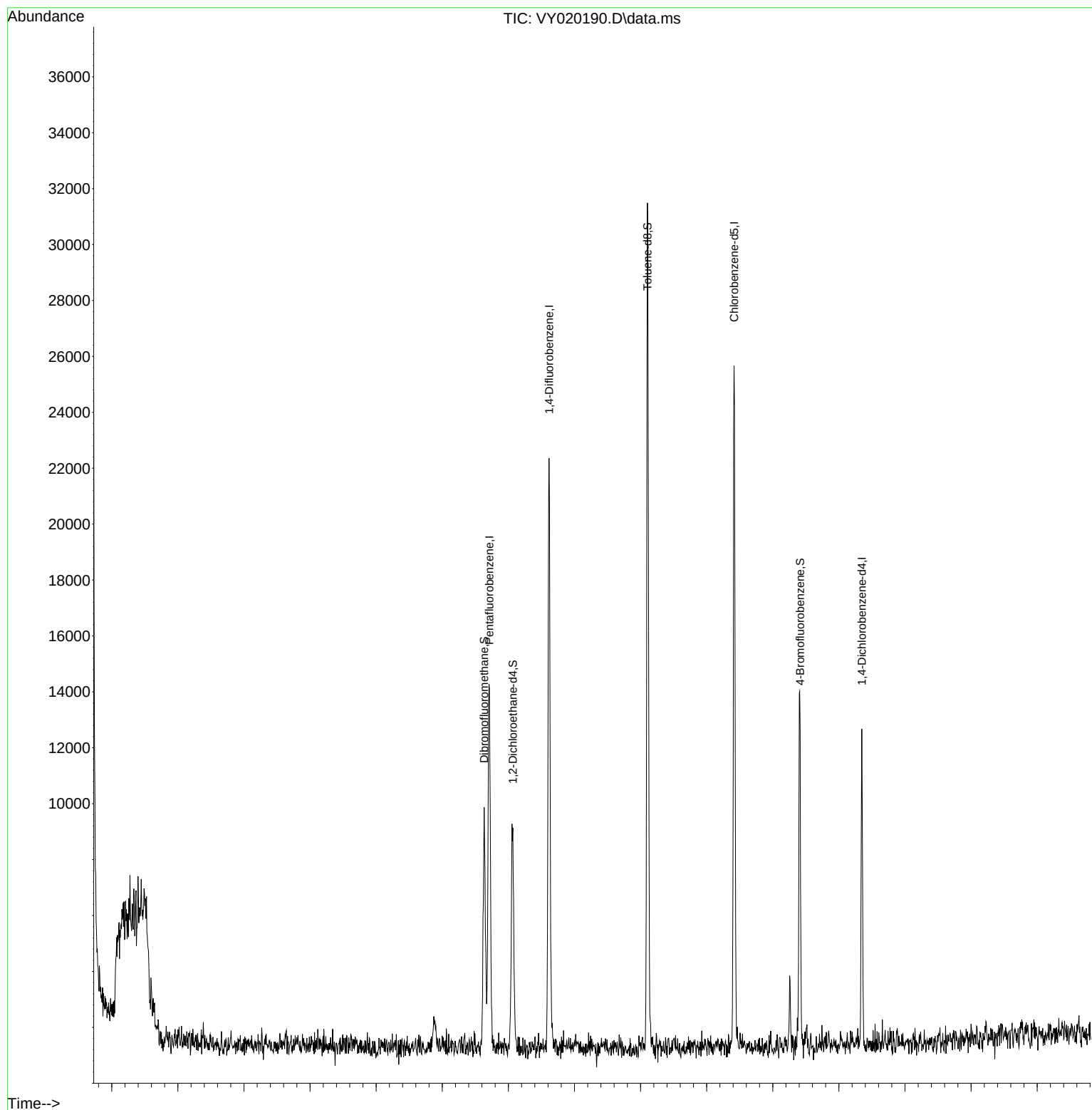
Target Compounds Qvalue

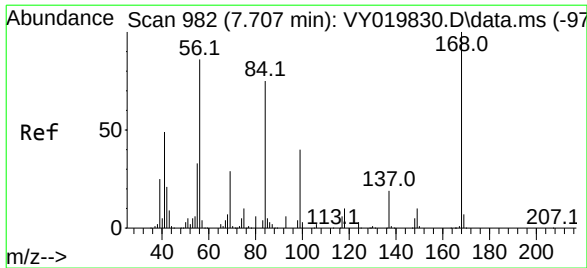
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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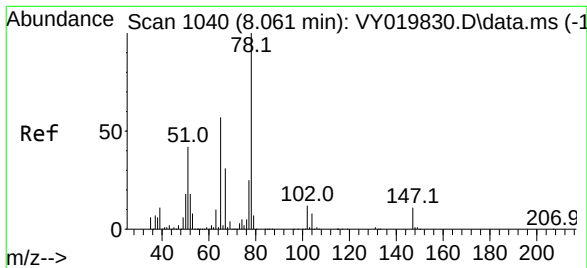
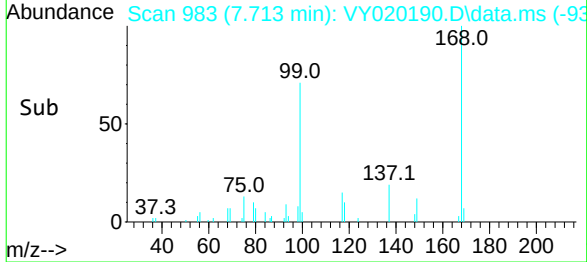
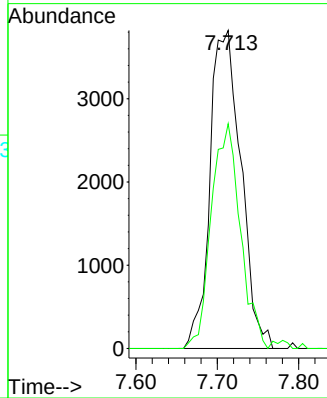
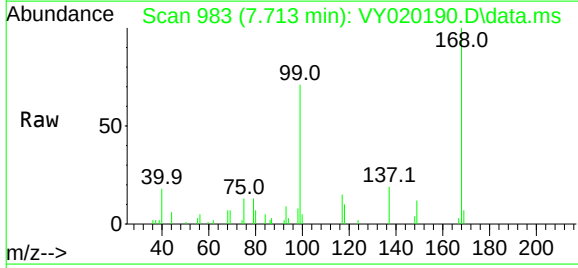




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

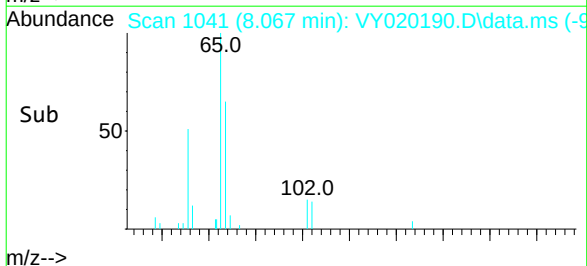
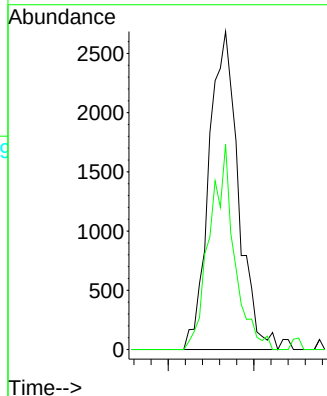
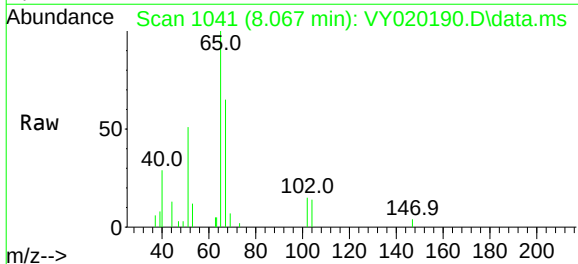
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110424

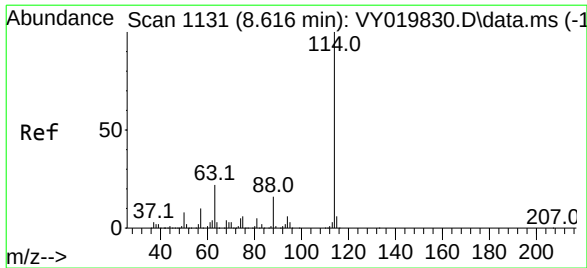
Tgt Ion:168 Resp: 10098
Ion Ratio Lower Upper
168 100
99 70.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.679 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Tgt Ion: 65 Resp: 6387
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

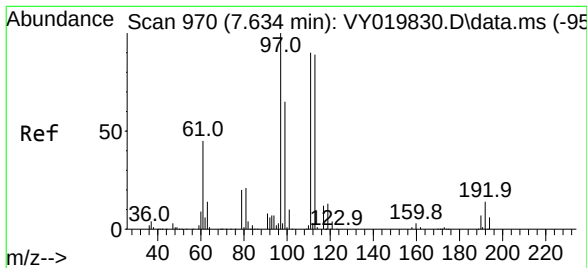
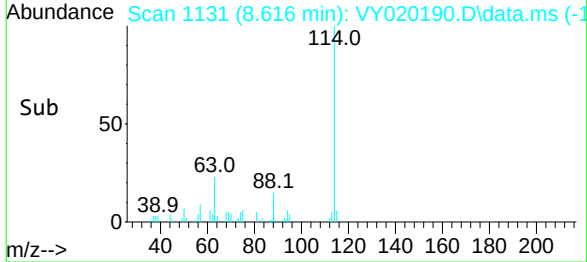
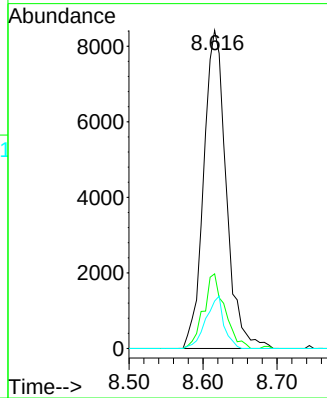
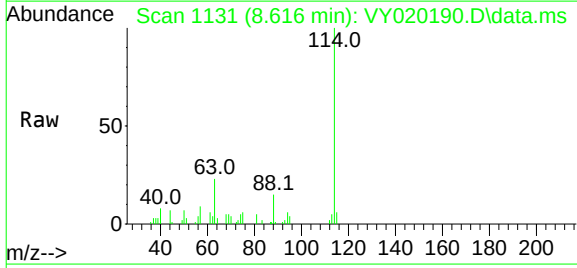




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

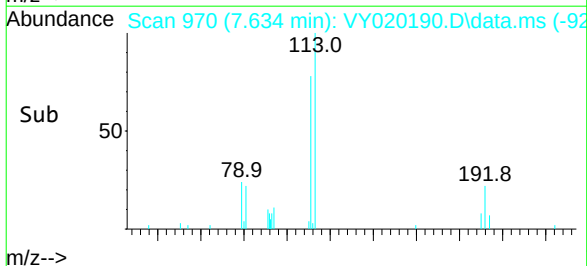
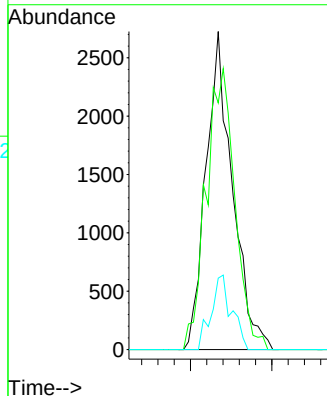
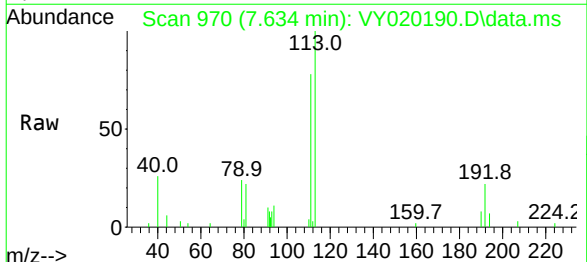
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110424

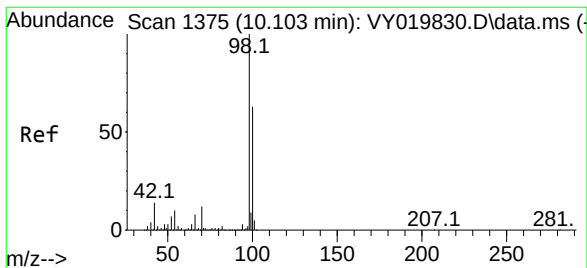
Tgt Ion:	114	Resp:	17828
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	14.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.301 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020190.D
Acq: 06 Nov 2024 18:37

Tgt Ion:	113	Resp:	6155
Ion	Ratio	Lower	Upper
113	100		
111	96.2	82.2	123.4
192	18.1	15.9	23.9





#50

Toluene-d8

Concen: 44.773 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

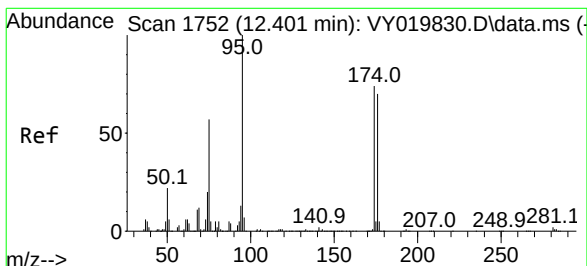
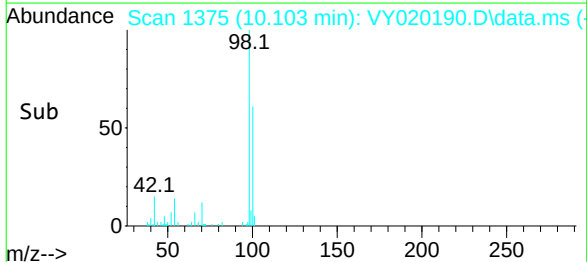
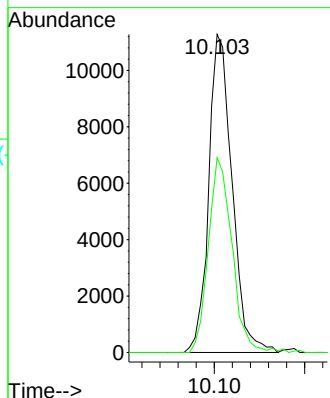
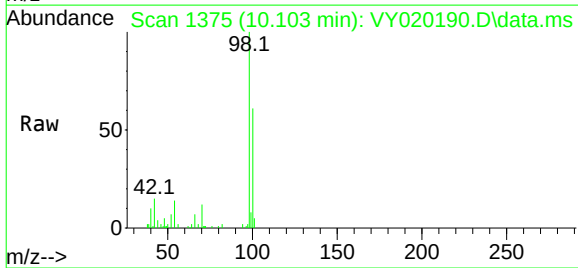
TR-04-110424

Tgt Ion: 98 Resp: 20201

Ion Ratio Lower Upper

98 100

100 61.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.574 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020190.D

Acq: 06 Nov 2024 18:37

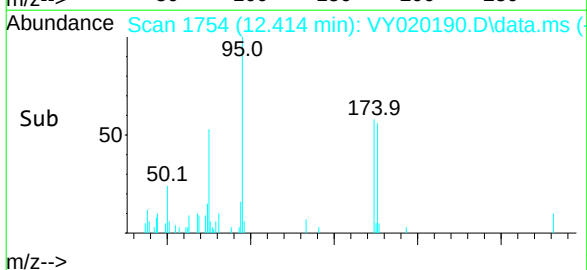
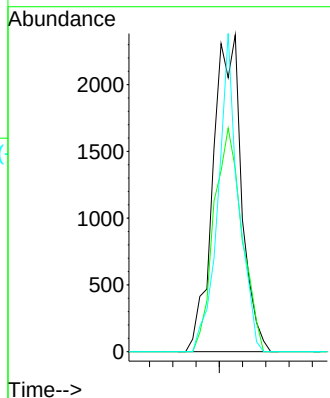
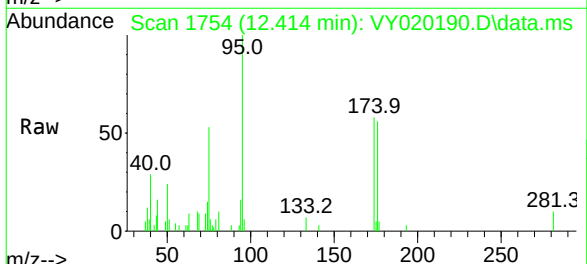
Tgt Ion: 95 Resp: 4041

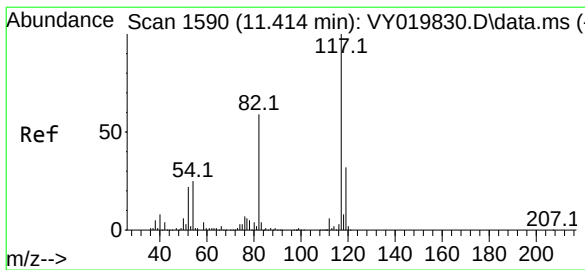
Ion Ratio Lower Upper

95 100

174 69.5 0.0 175.6

176 70.9 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: VY020190.D

Acq: 06 Nov 2024 18:37

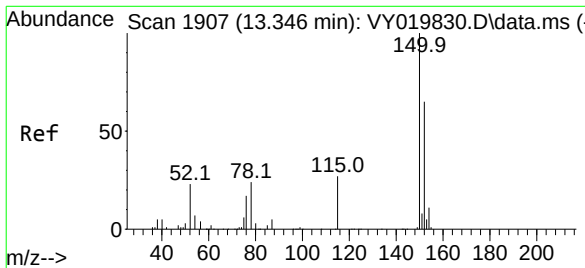
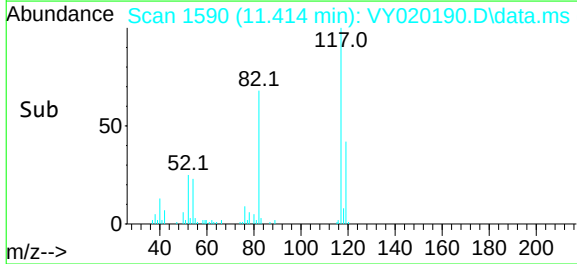
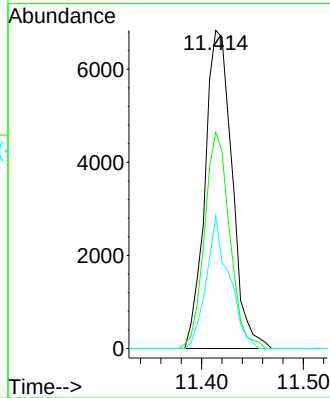
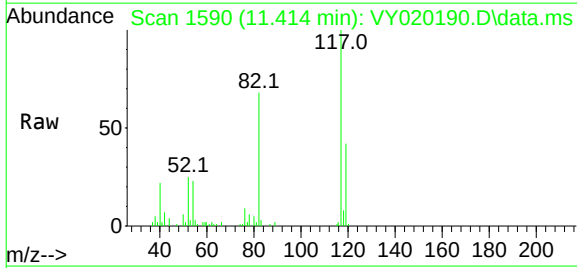
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-110424

Tgt Ion:	117	Resp:	12620
Ion	Ratio	Lower	Upper
117	100		
82	68.0	42.4	63.6#
119	41.7	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: VY020190.D

Acq: 06 Nov 2024 18:37

Tgt Ion:	152	Resp:	2329
Ion	Ratio	Lower	Upper
152	100		
115	67.7	28.2	84.7
150	167.2	0.0	345.6

