

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021193.D
 Acq On : 13 Feb 2025 16:05
 Operator : SY/MD
 Sample : Q1365-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 366

Quant Time: Feb 14 00:45:23 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	1649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	2243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	773	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	239	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	905	53.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.640	113	884	61.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.000%
50) Toluene-d8	10.115	98	2015	36.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.640%
62) 4-Bromofluorobenzene	12.408	95	273	15.270	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.540%

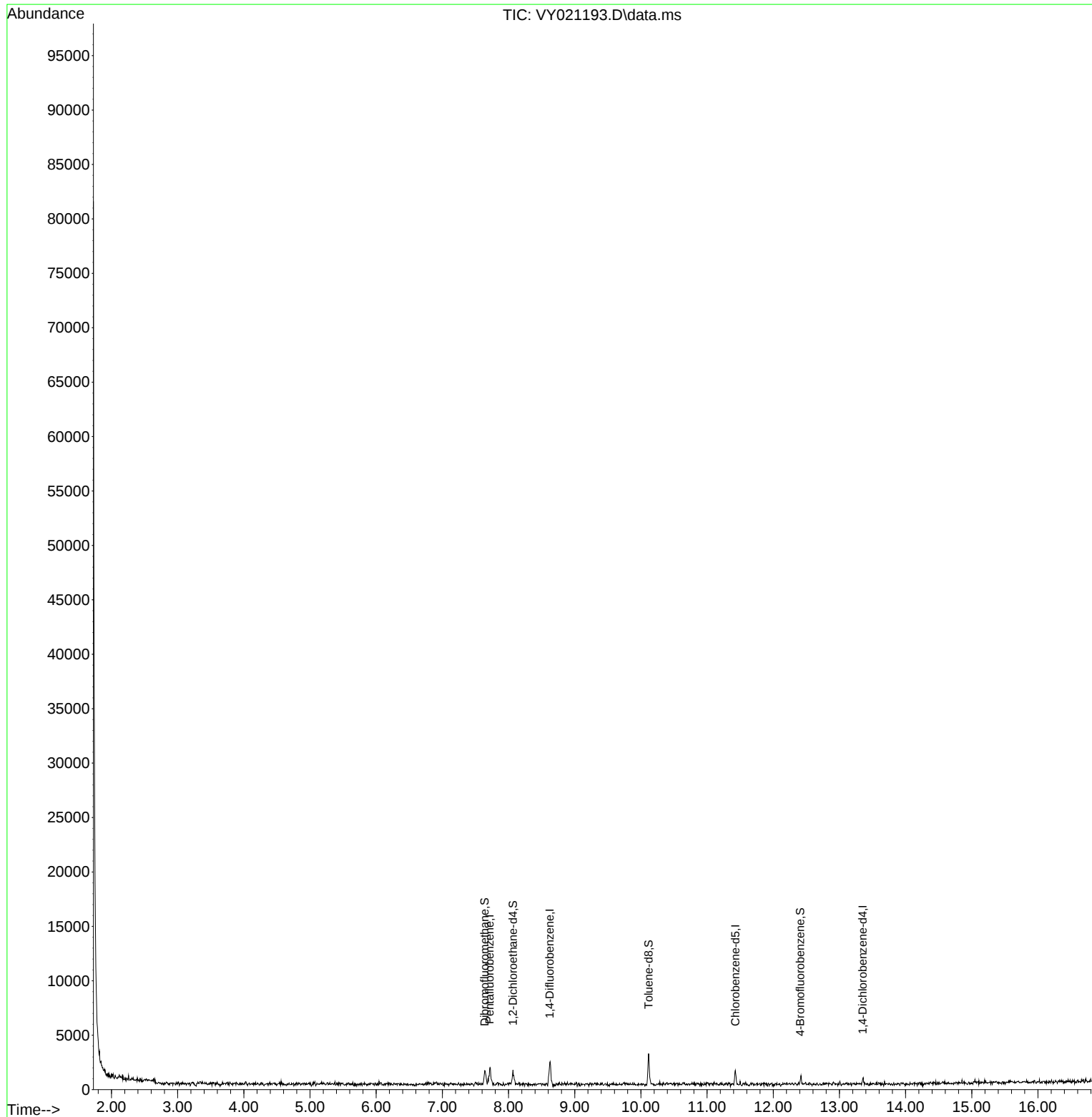
Target Compounds	Qvalue

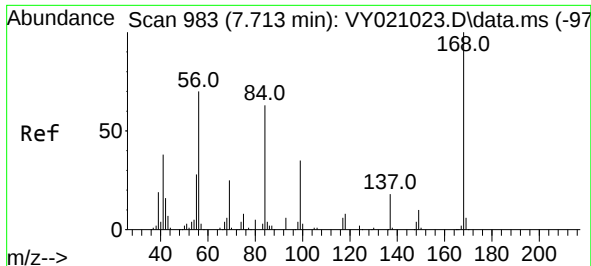
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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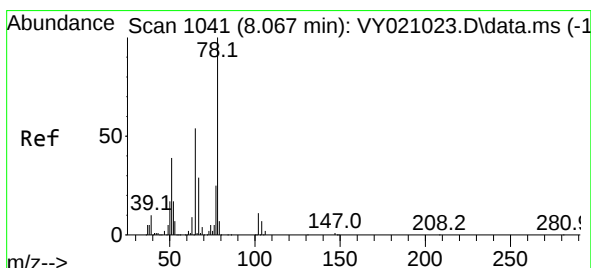
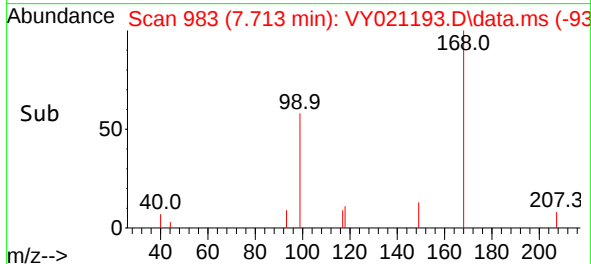
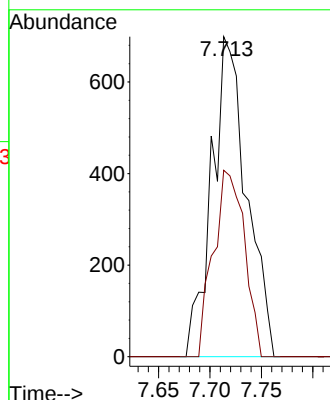
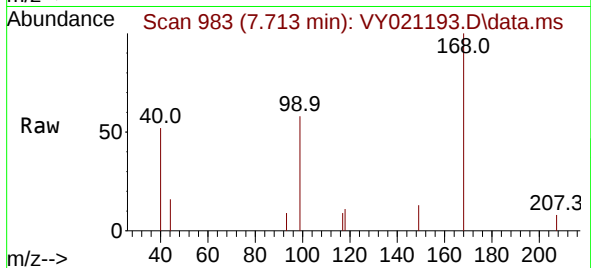




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

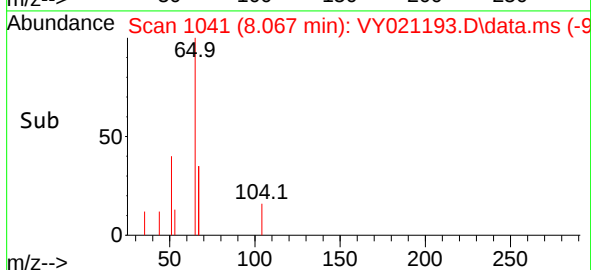
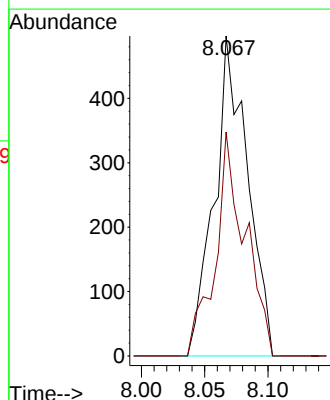
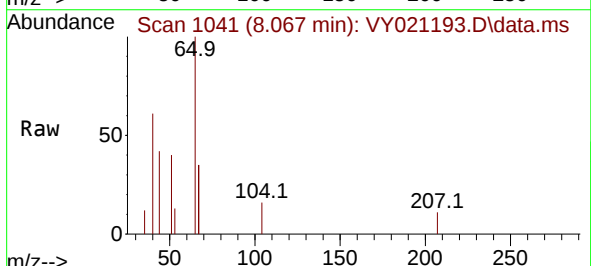
Instrument :
MSVOA_Y
ClientSampleId :
366

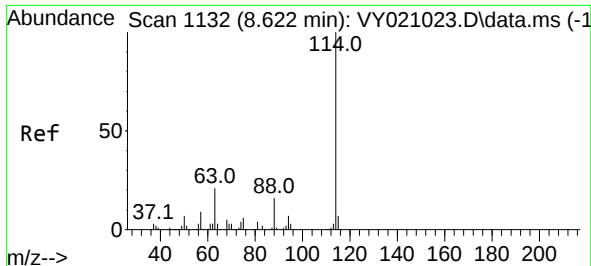
Tgt Ion:168 Resp: 1649
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.565 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

Tgt Ion: 65 Resp: 905
Ion Ratio Lower Upper
65 100
67 62.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021193.D

Acq: 13 Feb 2025 16:05

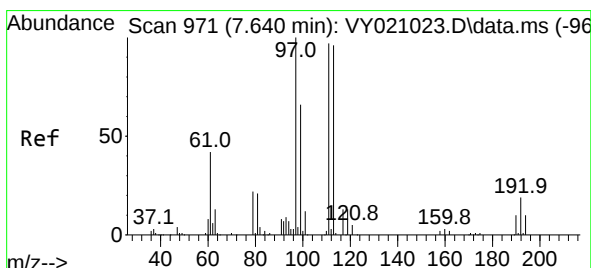
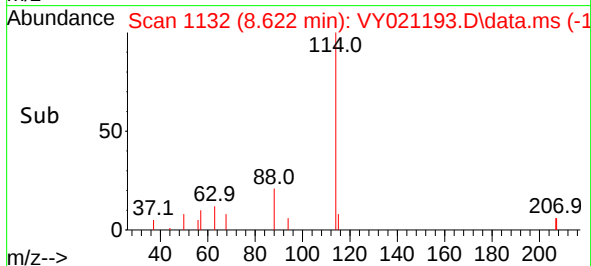
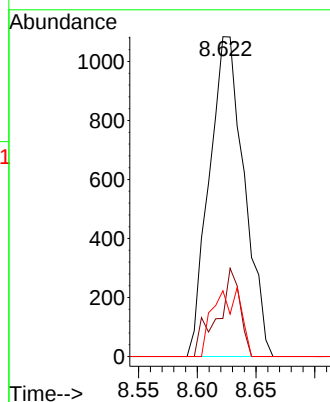
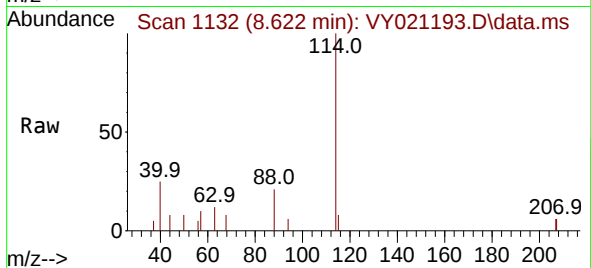
Instrument :

MSVOA_Y

ClientSampleId :

366

Tgt Ion:114	Resp:	2243
Ion	Ratio	Lower Upper
114	100	
63	11.9	0.0 37.4
88	20.6	0.0 29.0



#35

Dibromofluoromethane

Concen: 61.497 ug/l

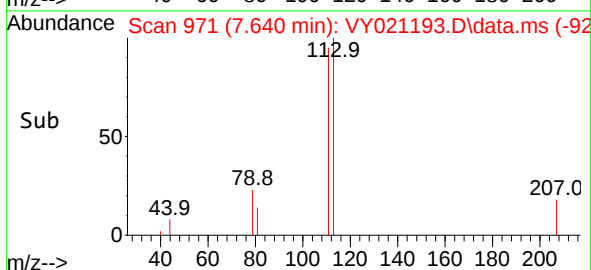
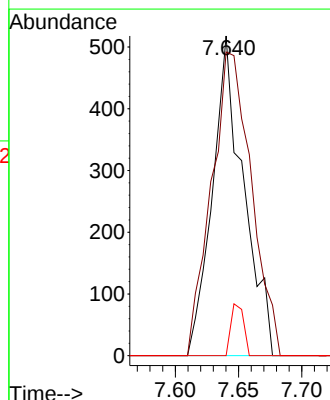
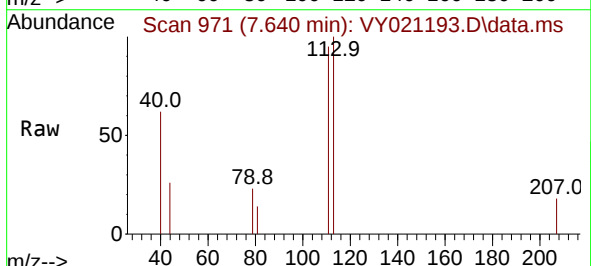
RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021193.D

Acq: 13 Feb 2025 16:05

Tgt Ion:113	Resp:	884
Ion	Ratio	Lower Upper
113	100	
111	122.3	83.8 125.6
192	6.6	14.5 21.7#

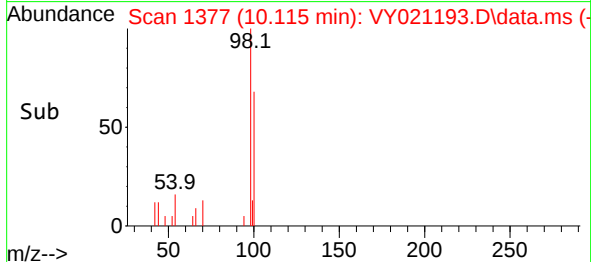
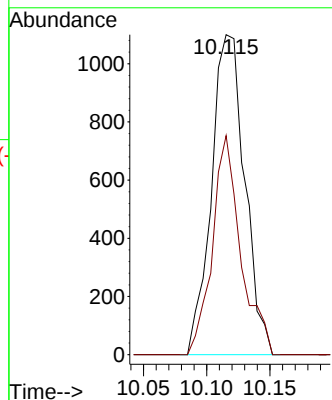
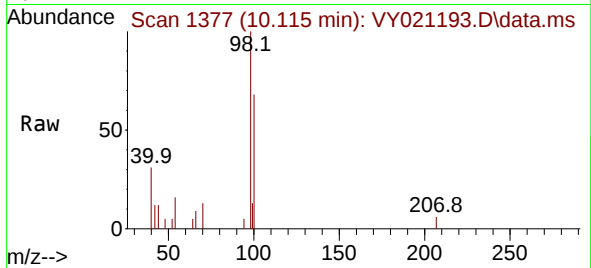




#50
Toluene-d8
Concen: 36.820 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

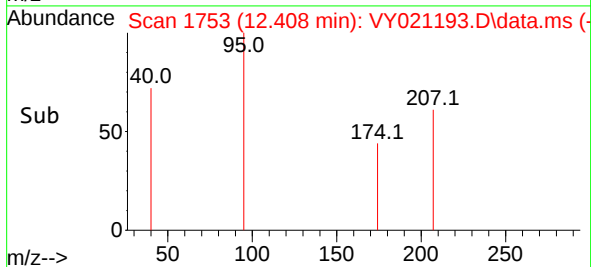
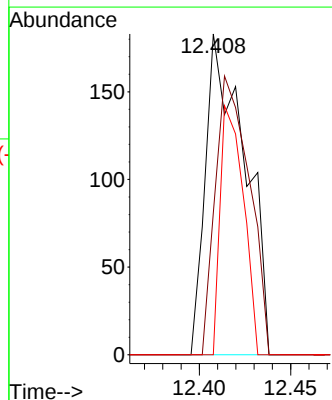
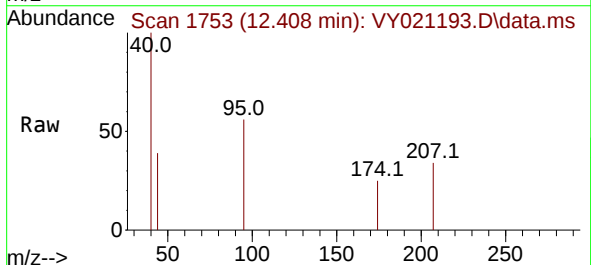
Instrument :
MSVOA_Y
ClientSampleId :
366

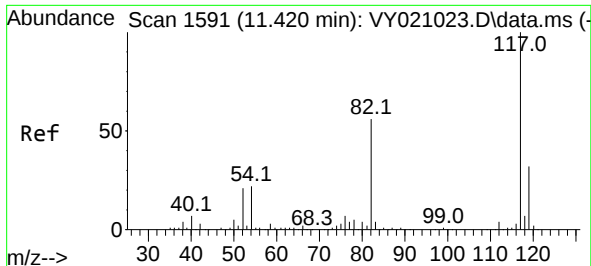
Tgt Ion: 98 Resp: 2015
Ion Ratio Lower Upper
98 100
100 58.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 15.270 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

Tgt Ion: 95 Resp: 273
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.0
176 45.8 0.0 151.8

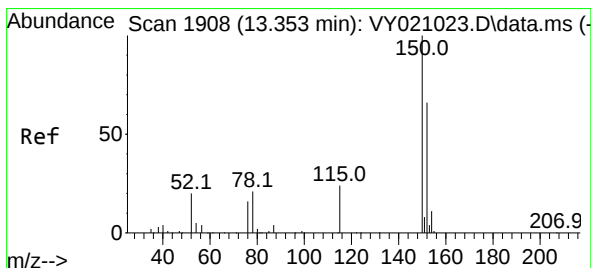
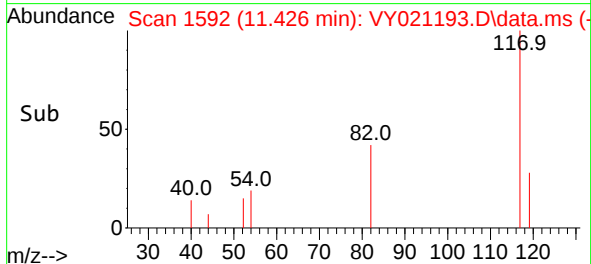
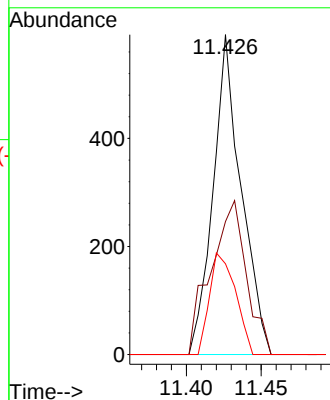
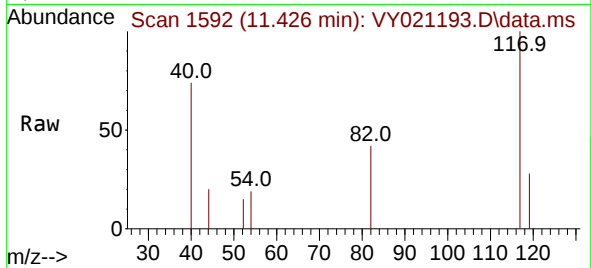




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

Instrument :
MSVOA_Y
ClientSampleId :
366

Tgt Ion:117 Resp: 773
Ion Ratio Lower Upper
117 100
82 41.6 43.8 65.8#
119 28.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021193.D
Acq: 13 Feb 2025 16:05

Tgt Ion:152 Resp: 239
Ion Ratio Lower Upper
152 100
115 17.6 30.0 90.0#
150 143.9 0.0 344.6

