

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021819.D
 Acq On : 09 Apr 2025 15:14
 Operator : SY/MD
 Sample : Q1754-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 10 01:43:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

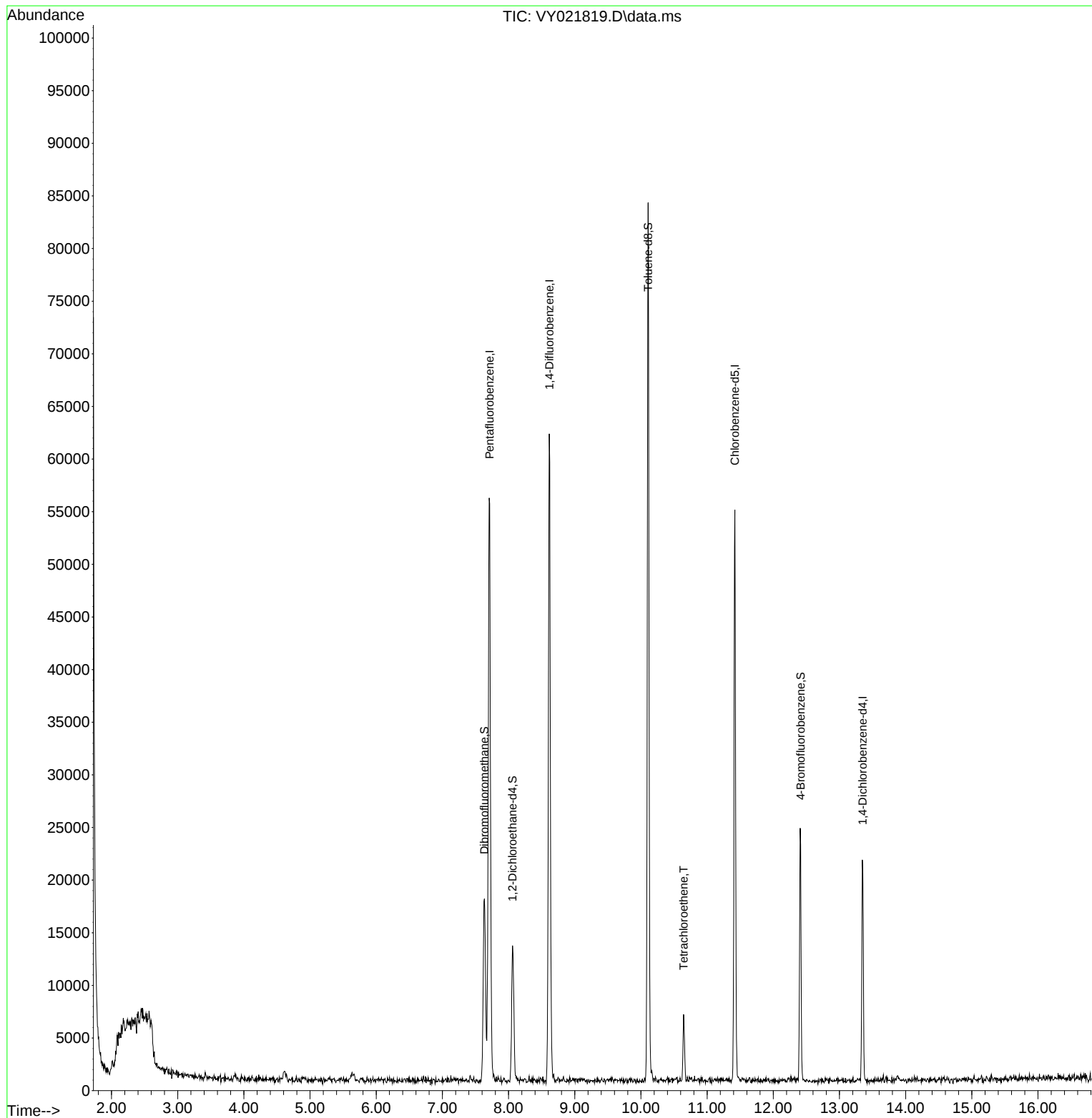
Internal Standards						
1) Pentafluorobenzene	7.713	168	41096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	51269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	27681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	10158	22.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.620%#
35) Dibromofluoromethane	7.634	113	12996	39.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.160%
50) Toluene-d8	10.109	98	53565	42.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.680%
62) 4-Bromofluorobenzene	12.413	95	7347	17.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.340%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.645	164	1327	5.264	ug/l #	75

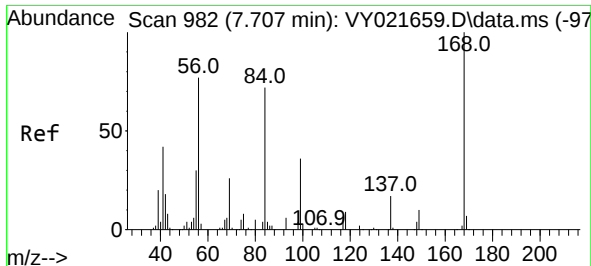
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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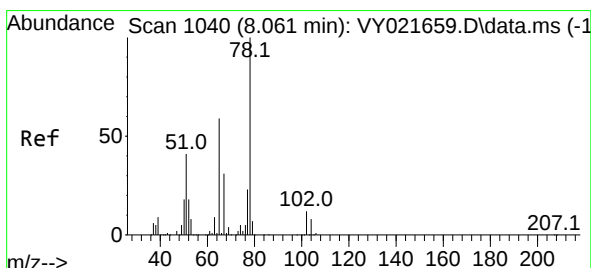
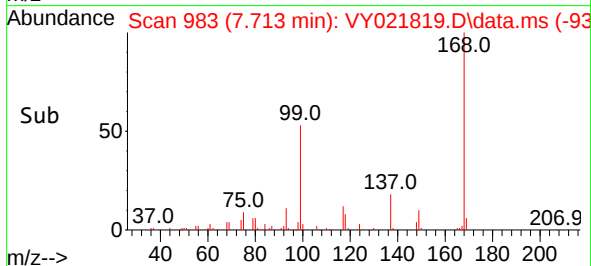
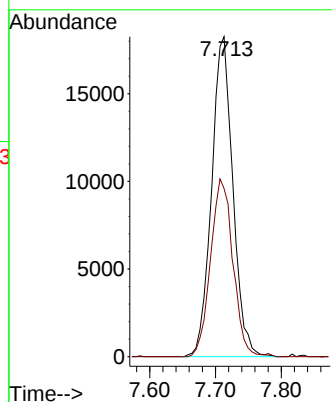
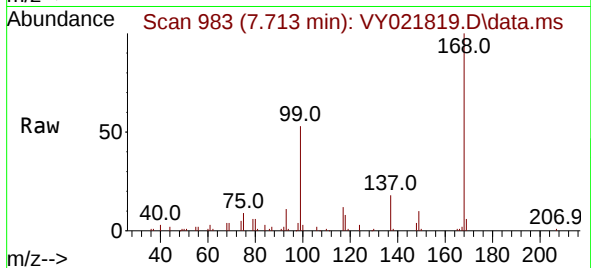




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

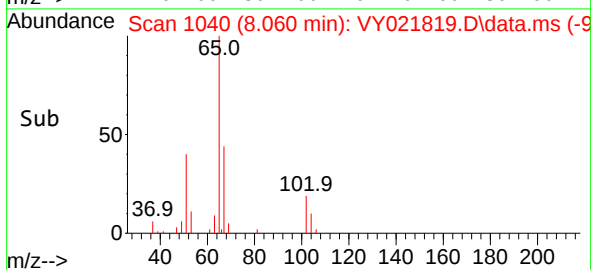
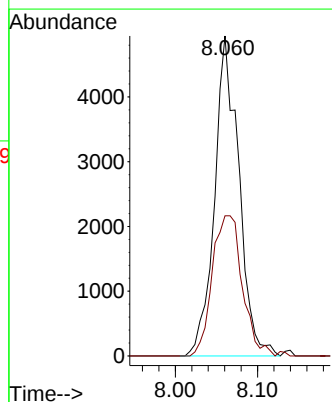
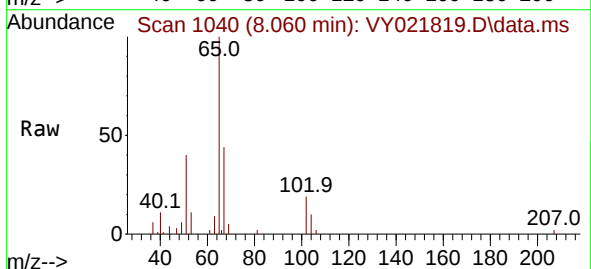
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

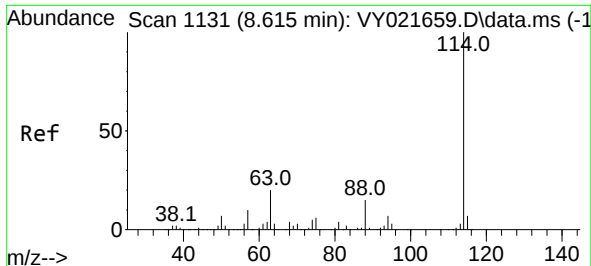
Tgt Ion:168 Resp: 41096
Ion Ratio Lower Upper
168 100
99 52.6 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 22.813 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion: 65 Resp: 10158
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

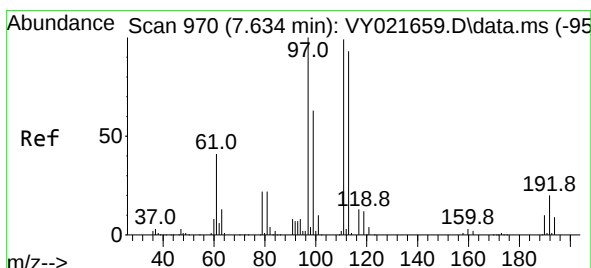
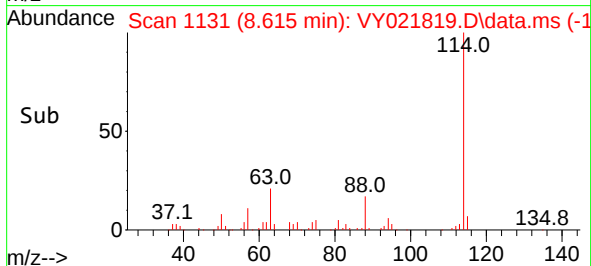
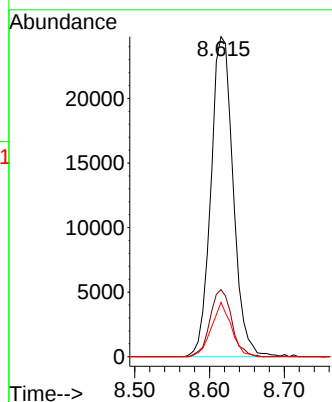
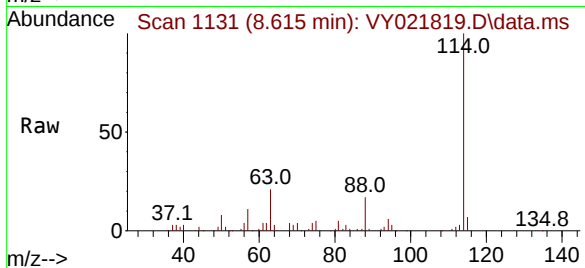
Tgt Ion:114 Resp: 51269

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 17.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 39.077 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

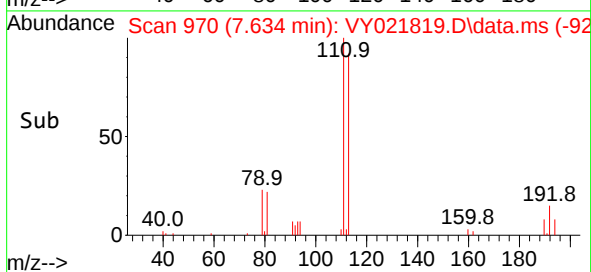
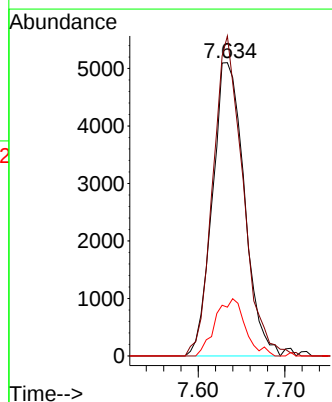
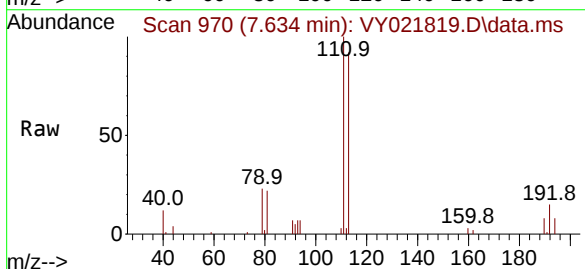
Tgt Ion:113 Resp: 12996

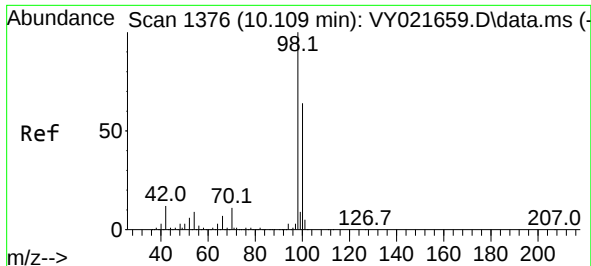
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 18.4 16.2 24.4

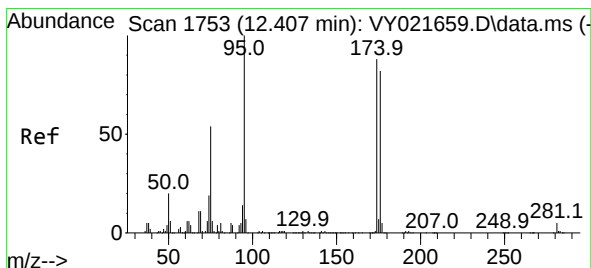
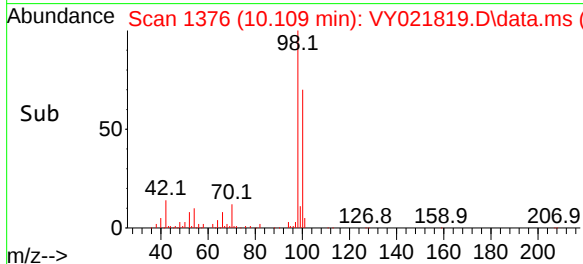
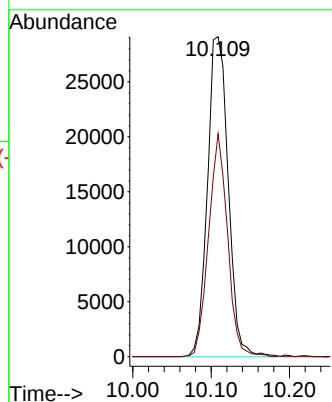
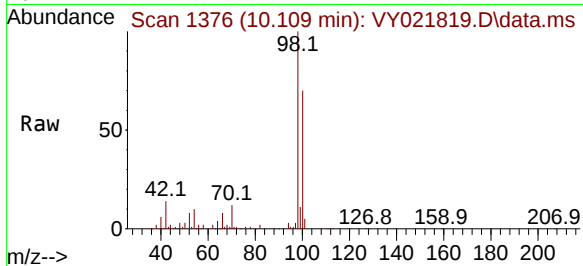




#50
Toluene-d8
Concen: 42.337 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

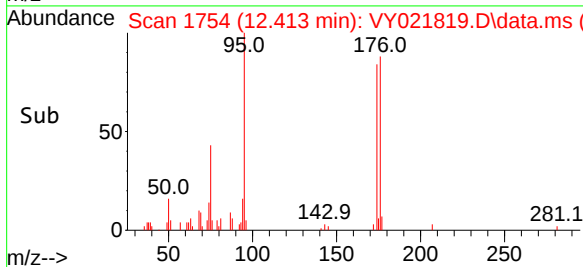
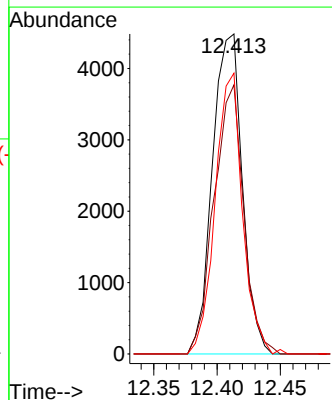
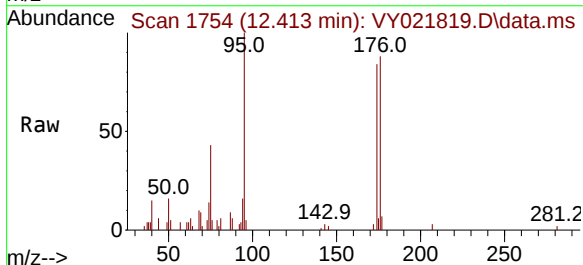
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

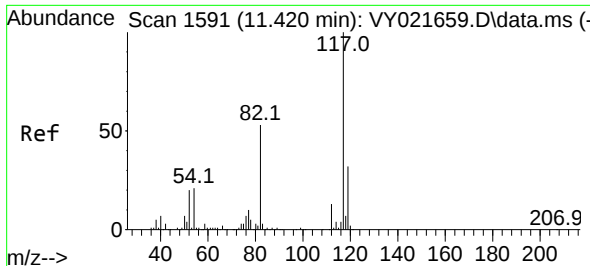
Tgt Ion: 98 Resp: 53565
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 17.168 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion: 95 Resp: 7347
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 80.5 0.0 162.0

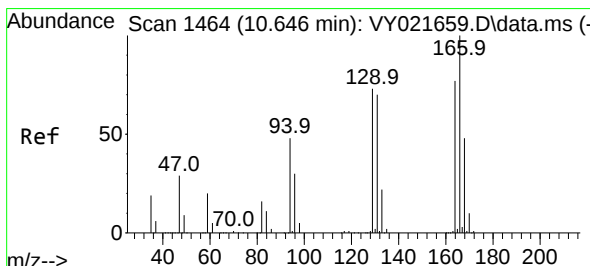
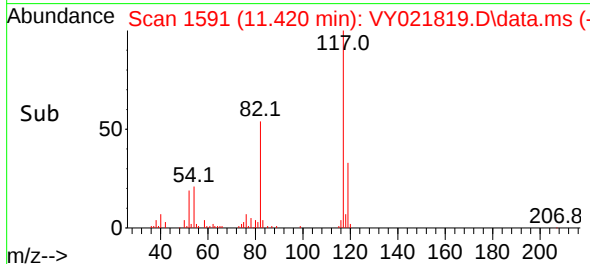
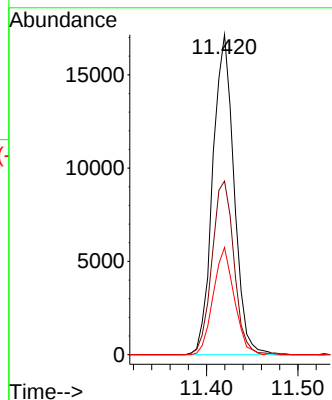
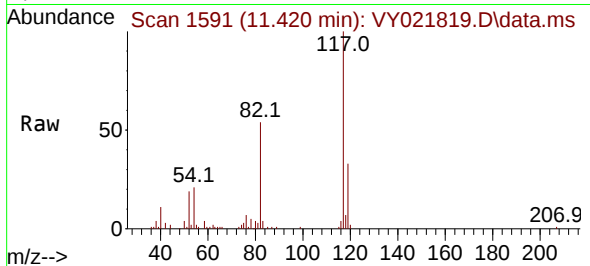




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

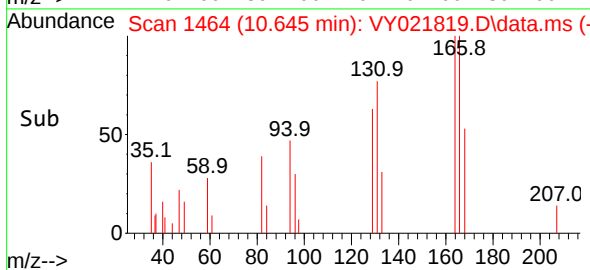
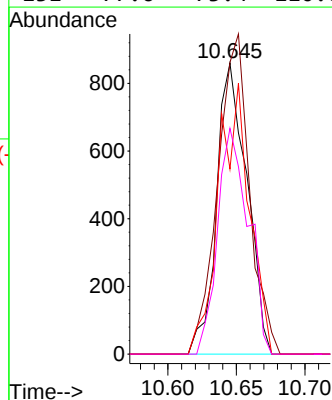
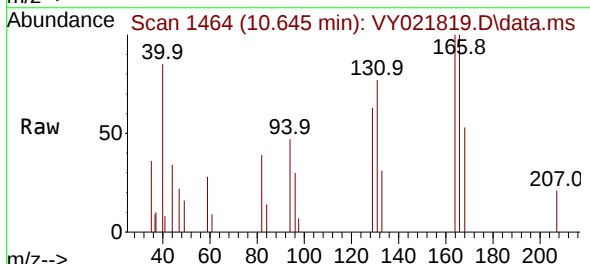
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

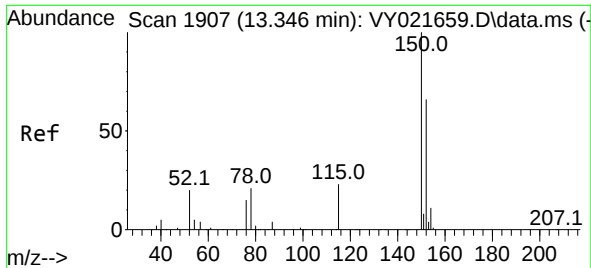
Tgt Ion:	117	Resp:	27681
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.8	64.2
119	33.5	25.7	38.5



#64
Tetrachloroethene
Concen: 5.264 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

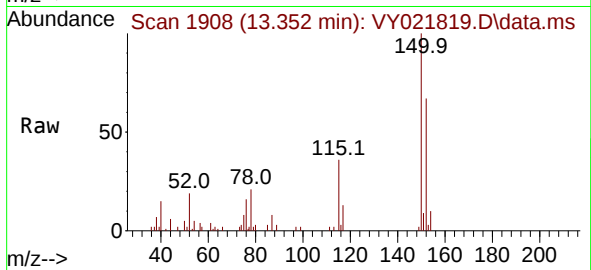
Tgt Ion:	164	Resp:	1327
Ion	Ratio	Lower	Upper
164	100		
166	100.2	104.6	156.8#
129	63.6	76.6	114.8#
131	77.6	73.4	110.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021819.D
 Acq: 09 Apr 2025 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion:	152	Resp:	5288
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.5
150	156.8	0.0	348.4

