

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021698.D
 Acq On : 28 Mar 2025 17:35
 Operator : SY/MD
 Sample : Q1664-07
 Misc : 3.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-02

Quant Time: Mar 28 23:46:45 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)

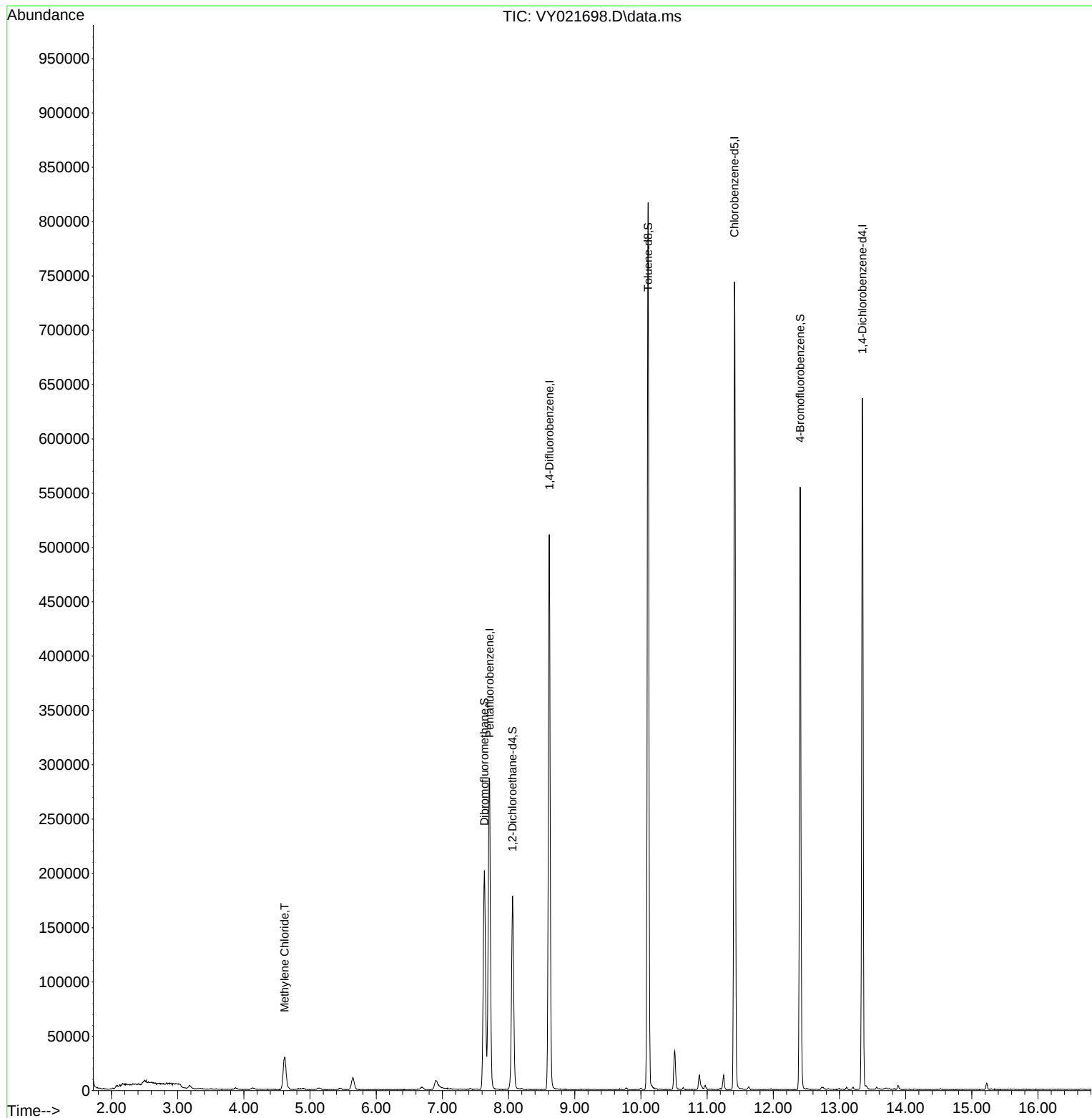
Internal Standards						
1) Pentafluorobenzene	7.713	168	217380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	413595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	382406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	135307	57.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.900%
35) Dibromofluoromethane	7.634	113	140499	52.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.109	98	512193	50.182	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.407	95	157595	45.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%
Target Compounds						
20) Methylene Chloride	4.616	84	22280	6.046	ug/l	91

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

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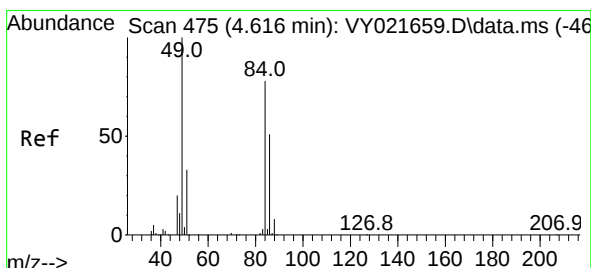
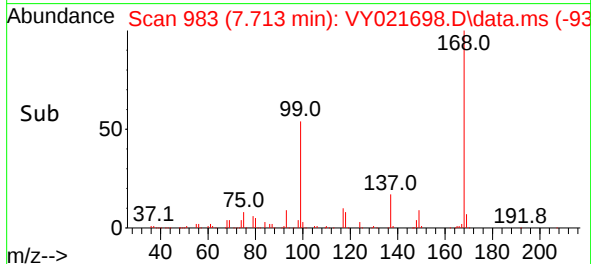
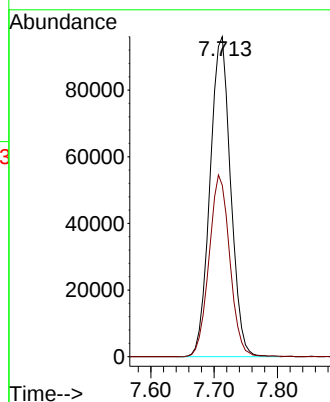
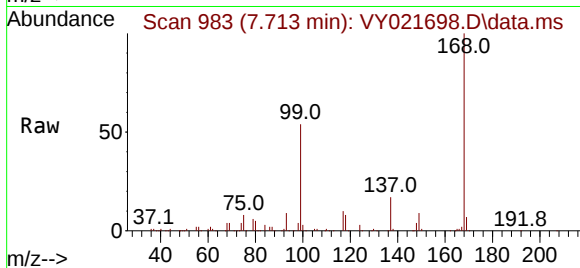




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021698.D
Acq: 28 Mar 2025 17:35

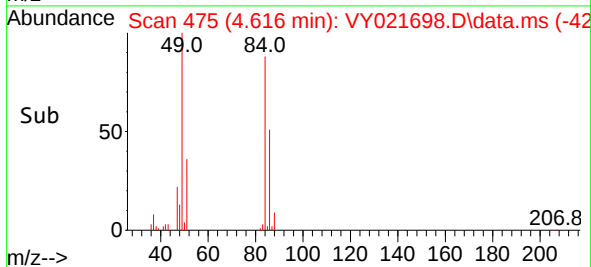
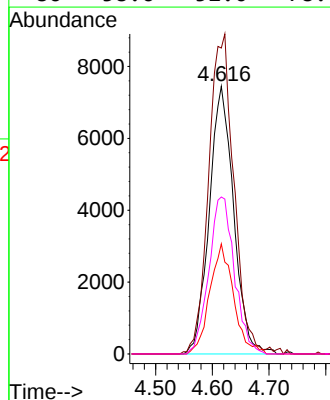
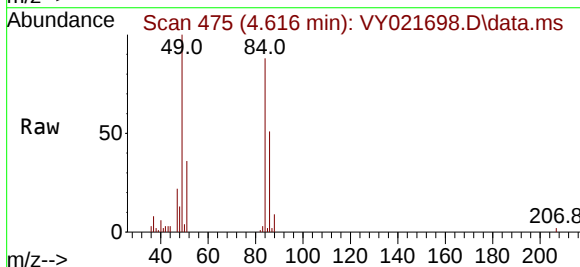
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-02

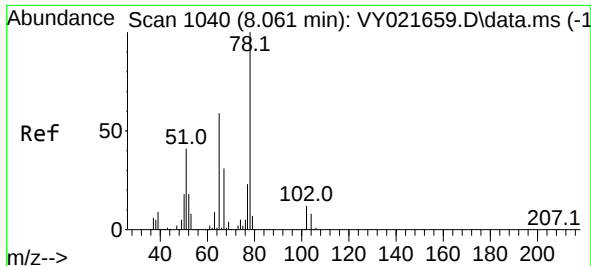
Tgt Ion:168 Resp: 217380
Ion Ratio Lower Upper
168 100
99 53.5 46.7 70.1



#20
Methylene Chloride
Concen: 6.046 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY021698.D
Acq: 28 Mar 2025 17:35

Tgt Ion: 84 Resp: 22280
Ion Ratio Lower Upper
84 100
49 114.3 102.8 154.2
51 41.1 33.5 50.3
86 58.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 57.449 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021698.D

Acq: 28 Mar 2025 17:35

Instrument :

MSVOA_Y

ClientSampleId :

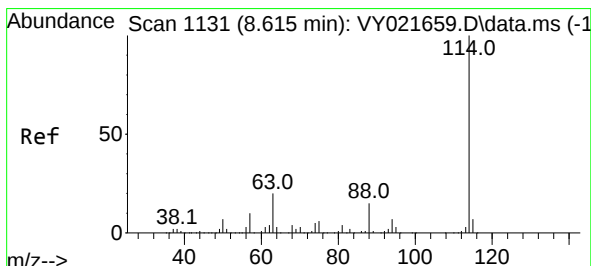
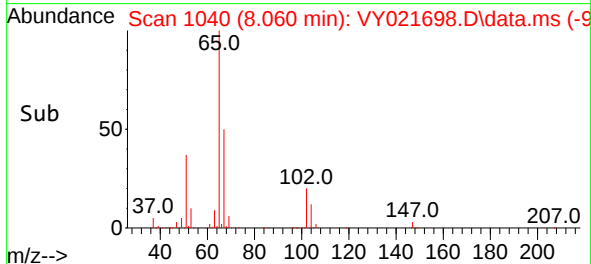
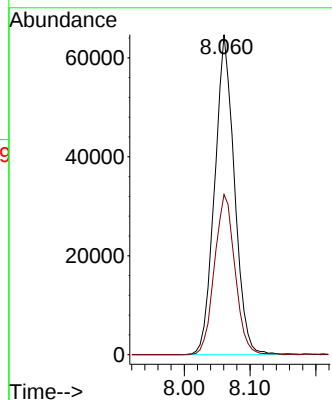
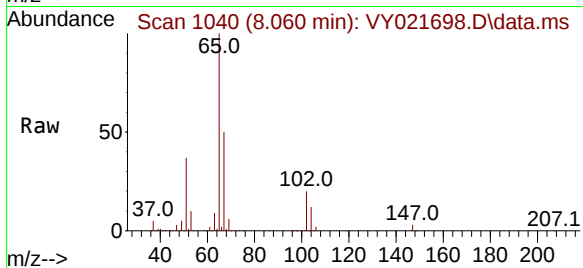
P001-BBDGA-001-02

Tgt Ion: 65 Resp: 135307

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021698.D

Acq: 28 Mar 2025 17:35

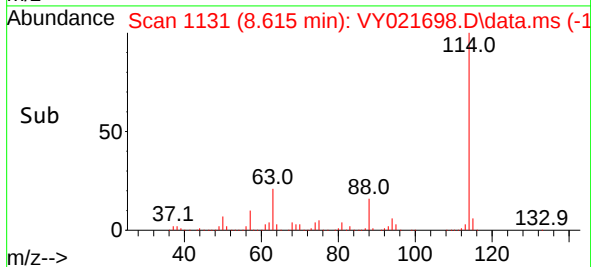
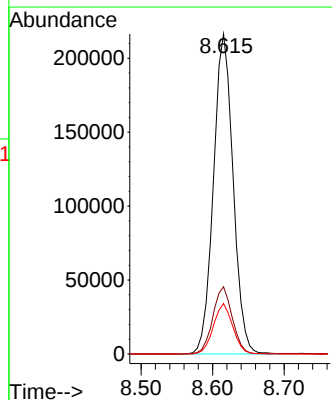
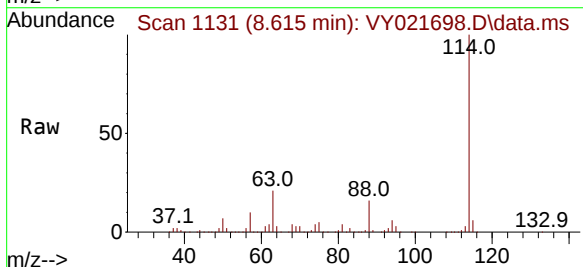
Tgt Ion: 114 Resp: 413595

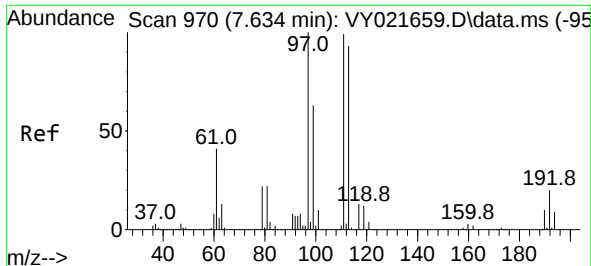
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 15.7 0.0 29.8

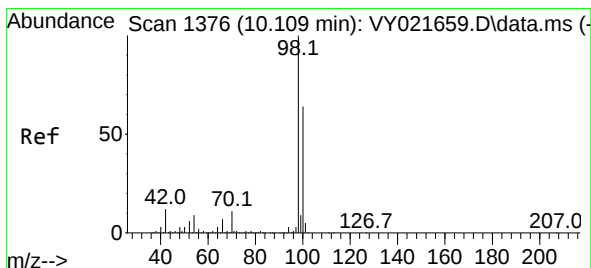
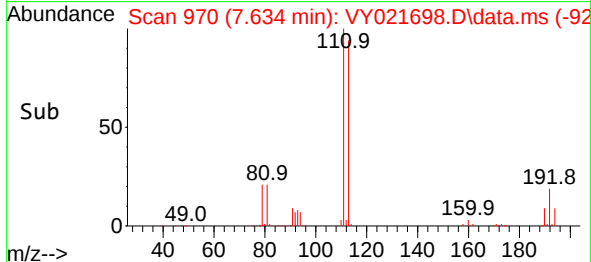
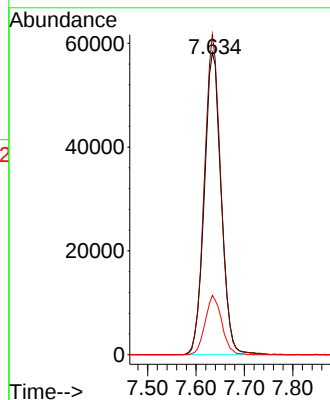
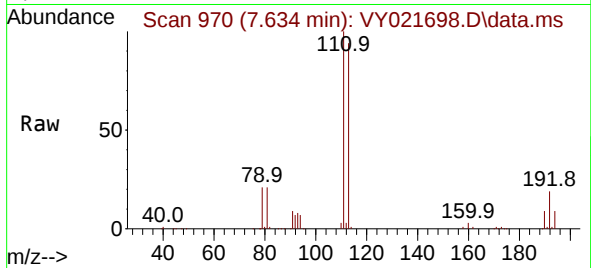




#35
 Dibromofluoromethane
 Concen: 52.368 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY021698.D
 Acq: 28 Mar 2025 17:35

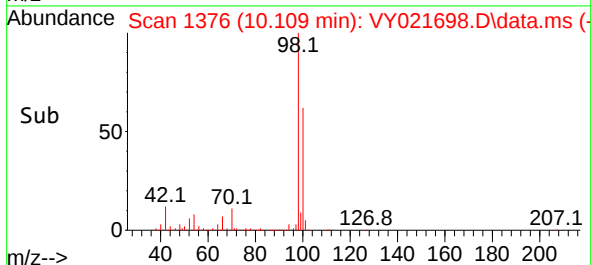
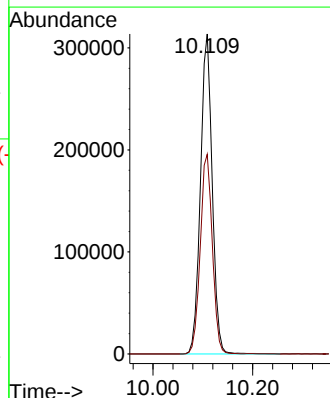
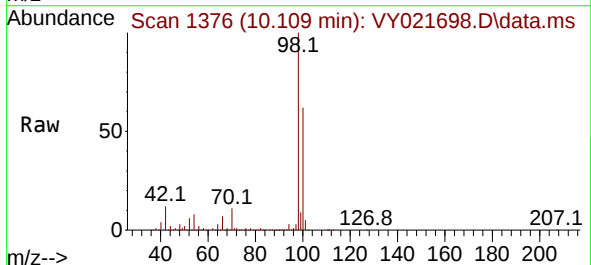
Instrument :
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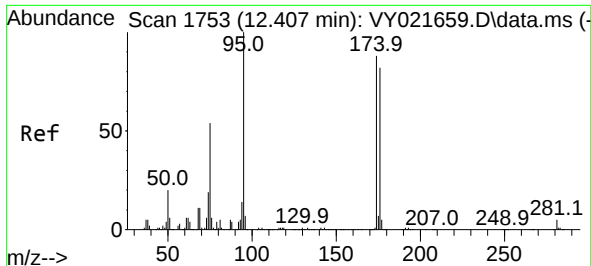
Tgt Ion:	113	Resp:	140499
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.4	16.2	24.4



#50
 Toluene-d8
 Concen: 50.182 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VY021698.D
 Acq: 28 Mar 2025 17:35

Tgt Ion:	98	Resp:	512193
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

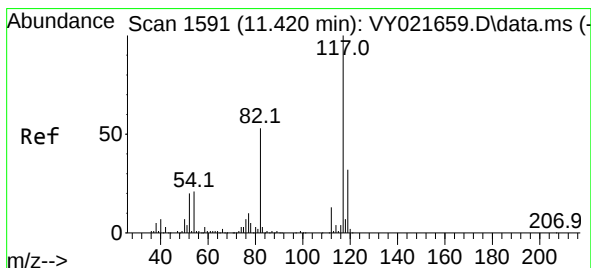
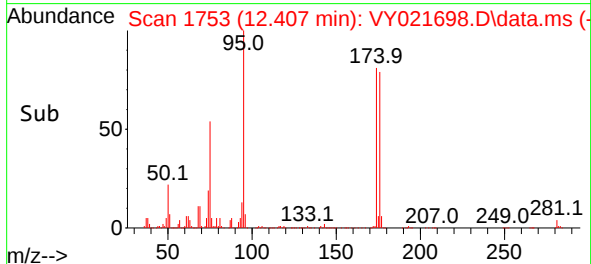
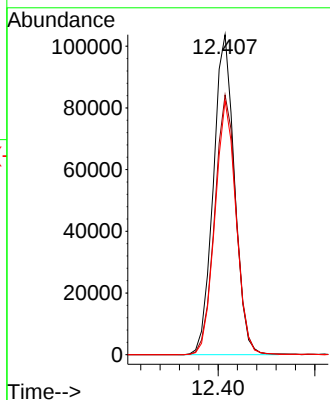
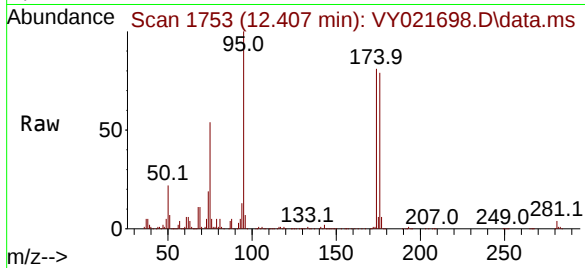




#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021698.D
Acq: 28 Mar 2025 17:35

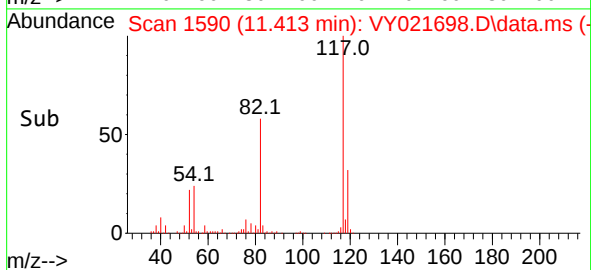
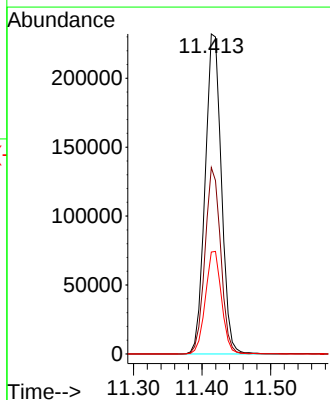
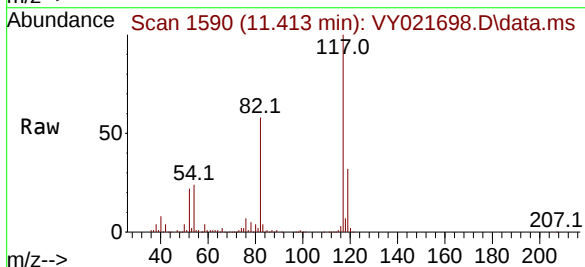
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-02

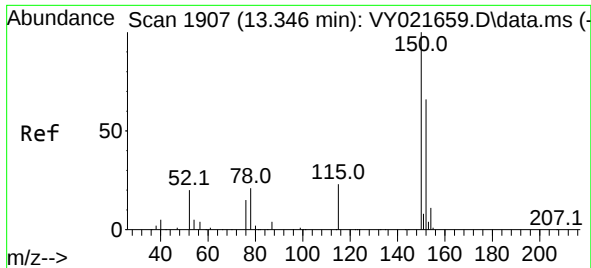
Tgt Ion: 95 Resp: 157595
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 79.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021698.D
Acq: 28 Mar 2025 17:35

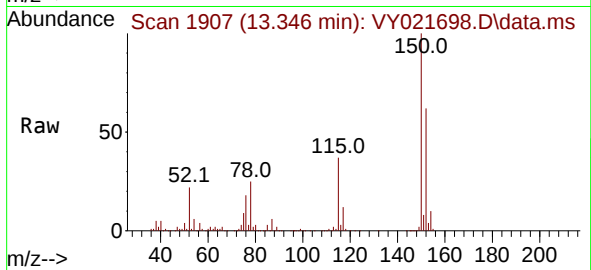
Tgt Ion: 117 Resp: 382406
Ion Ratio Lower Upper
117 100
82 58.2 42.8 64.2
119 31.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021698.D
 Acq: 28 Mar 2025 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-02



Tgt Ion:152 Resp: 153193
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 157.2 0.0 348.4

