

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015169.D
 Acq On : 17 Aug 2023 14:06
 Operator : SY/MD
 Sample : 04046-01
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(0-5)

Quant Time: Aug 18 00:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

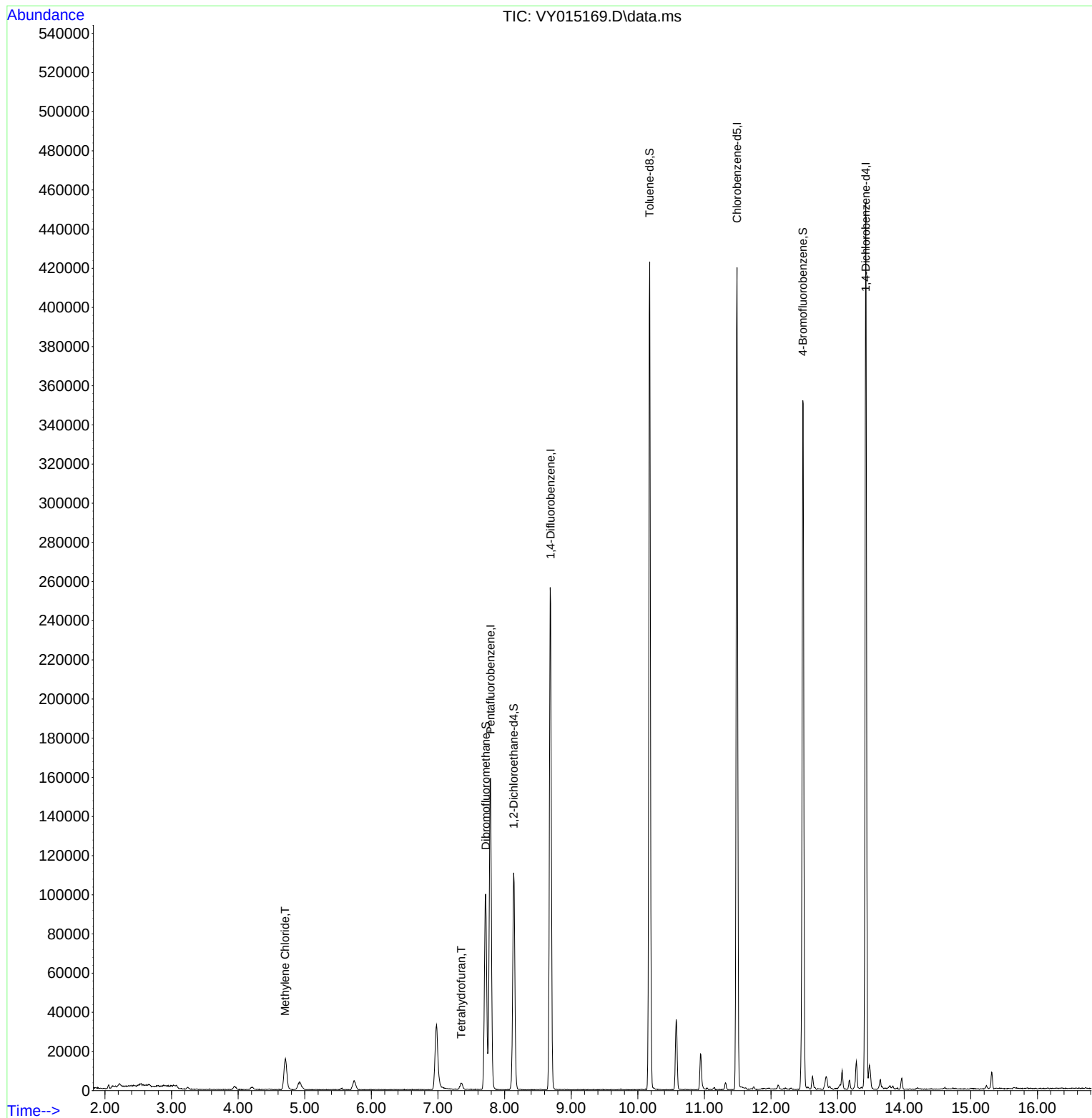
Internal Standards						
1) Pentafluorobenzene	7.789	168	126697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85765	56.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.780%
35) Dibromofluoromethane	7.716	113	70936	49.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	269128	50.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.477	95	101510	52.243	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%
Target Compounds						
20) Methylene Chloride	4.704	84	12205	6.485	ug/l #	83
29) Tetrahydrofuran	7.350	42	2735	6.502	ug/l	96

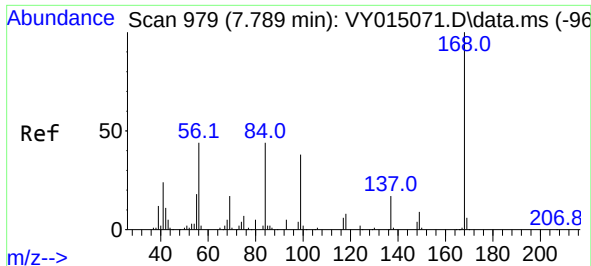
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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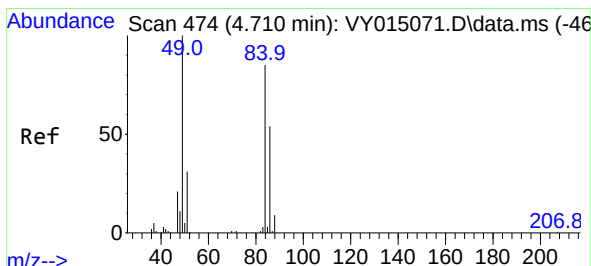
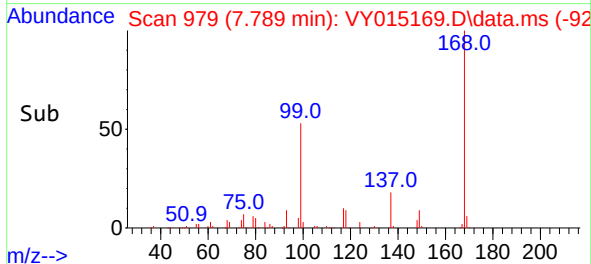
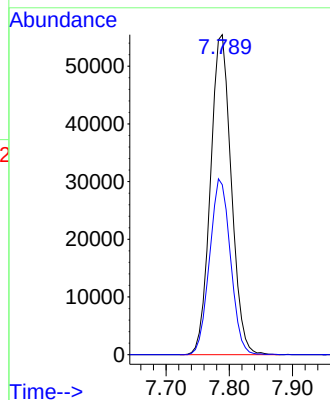
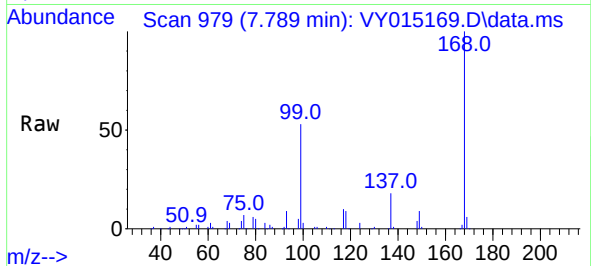




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

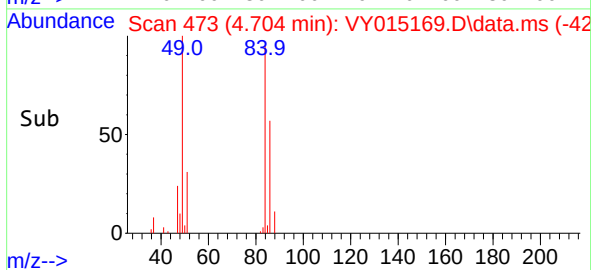
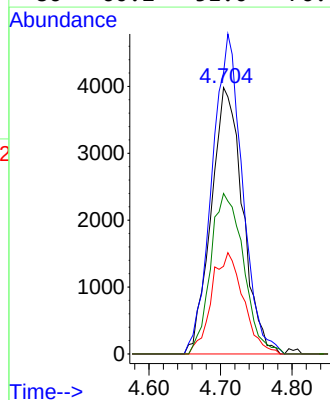
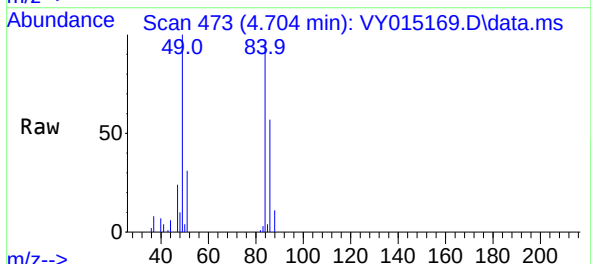
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(0-5)

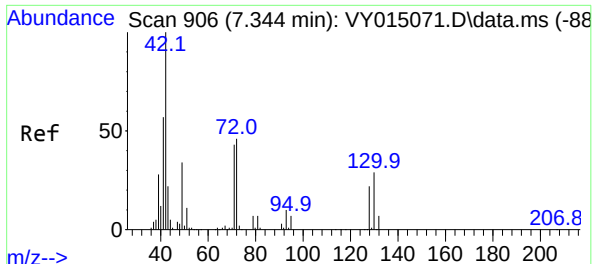
Tgt Ion:168 Resp: 126697
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.485 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

Tgt Ion: 84 Resp: 12205
Ion Ratio Lower Upper
84 100
49 105.5 106.9 160.3#
51 32.9 33.2 49.8#
86 60.2 51.0 76.6

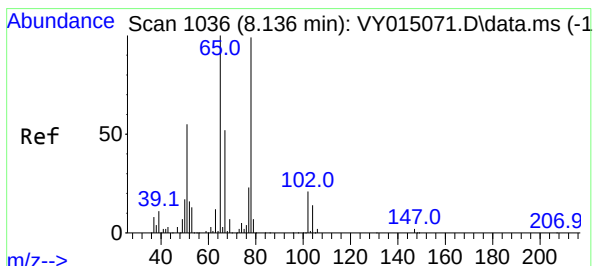
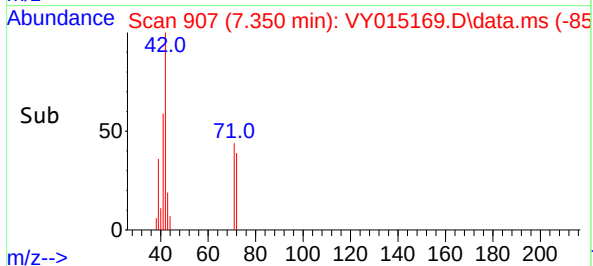
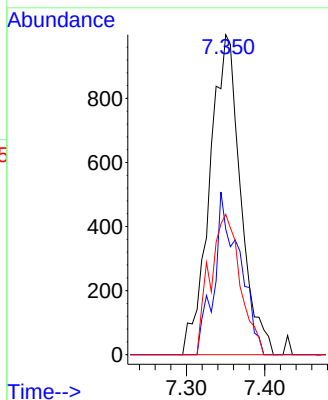
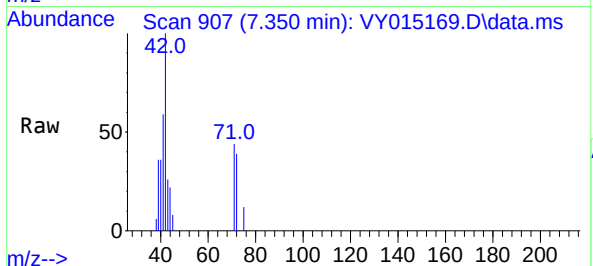




#29
Tetrahydrofuran
Concen: 6.502 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

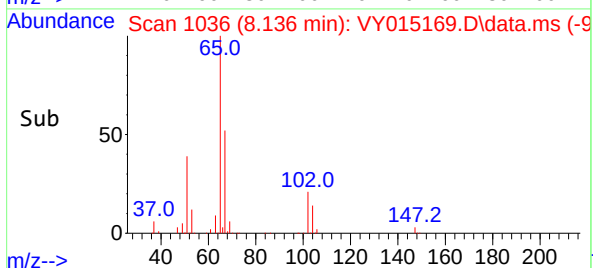
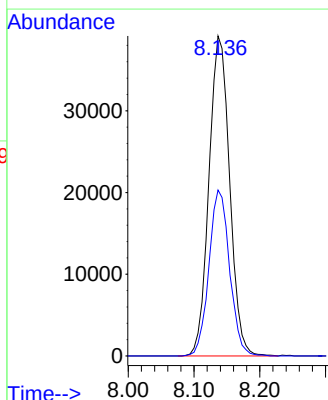
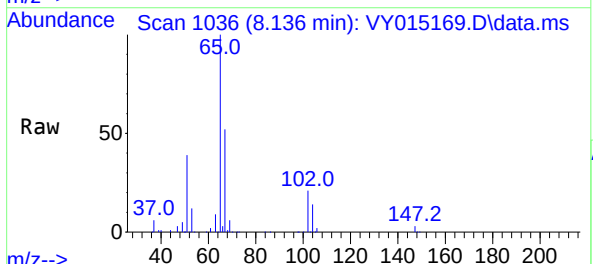
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(0-5)

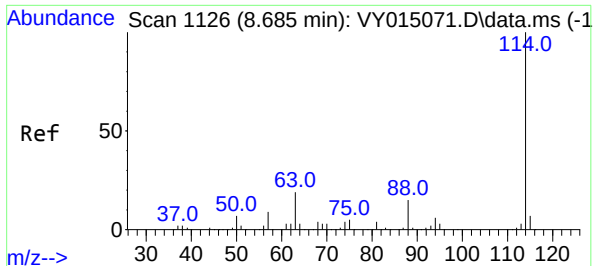
Tgt Ion:	42	Resp:	2735
Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.8	49.2
71	42.8	31.0	46.4



#33
1,2-Dichloroethane-d4
Concen: 56.392 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

Tgt Ion:	65	Resp:	85765
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015169.D

Acq: 17 Aug 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(0-5)

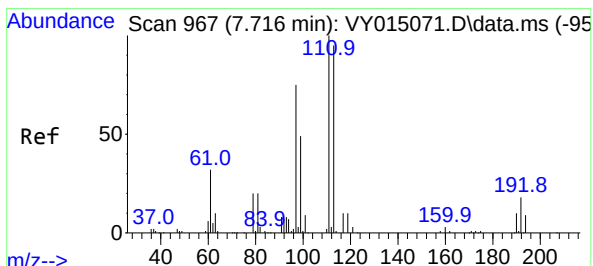
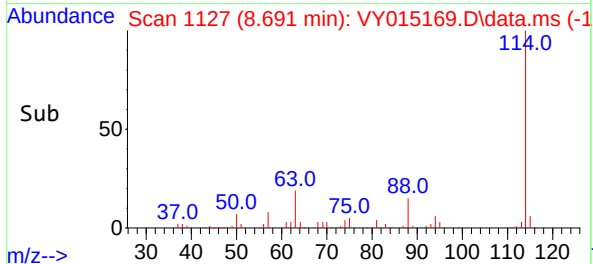
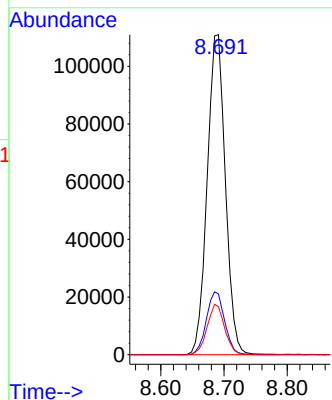
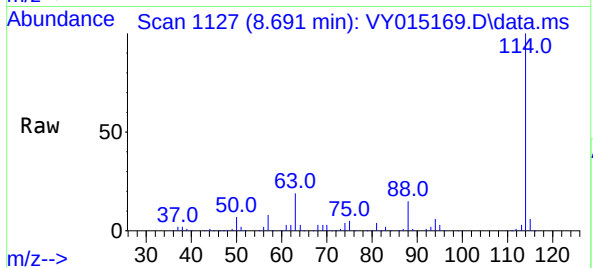
Tgt Ion:114 Resp: 222133

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.638 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015169.D

Acq: 17 Aug 2023 14:06

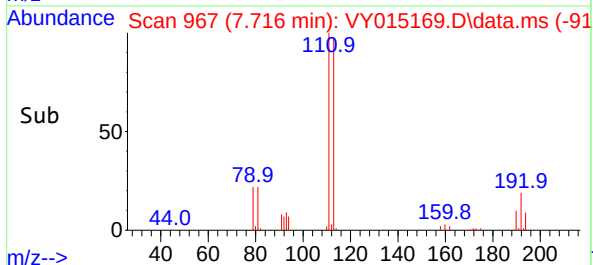
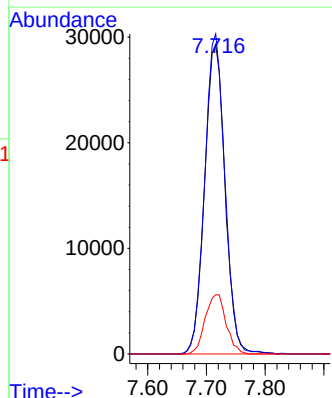
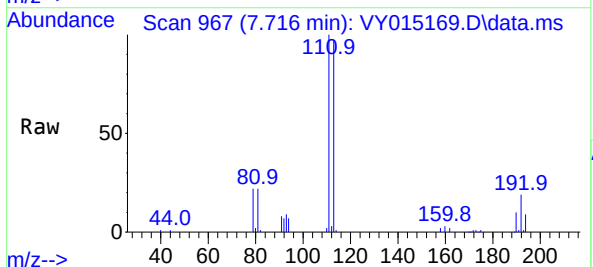
Tgt Ion:113 Resp: 70936

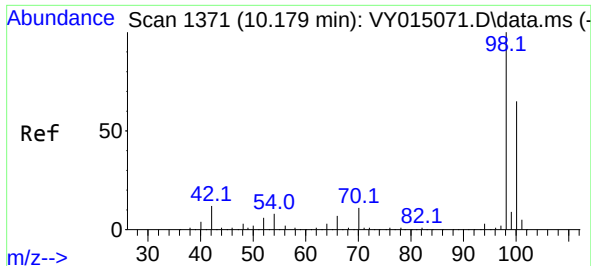
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.6 16.9 25.3

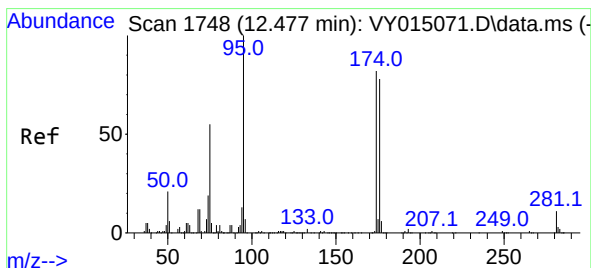
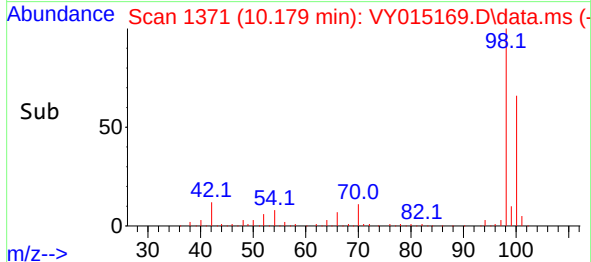
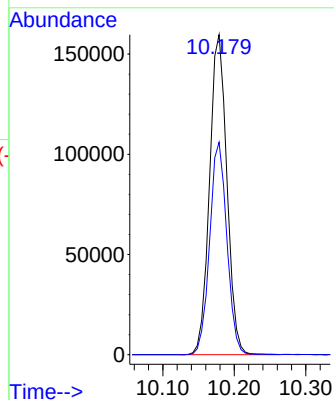
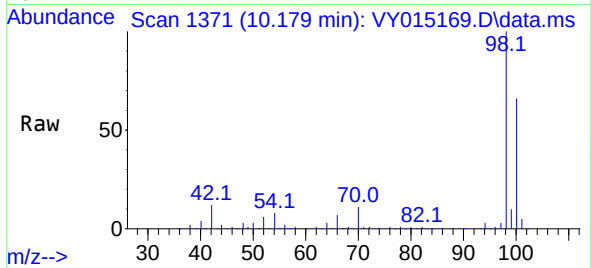




#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

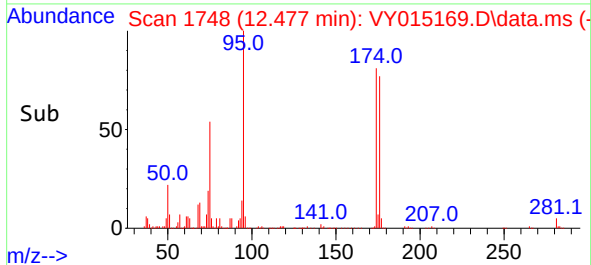
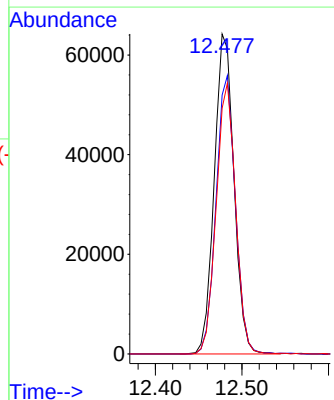
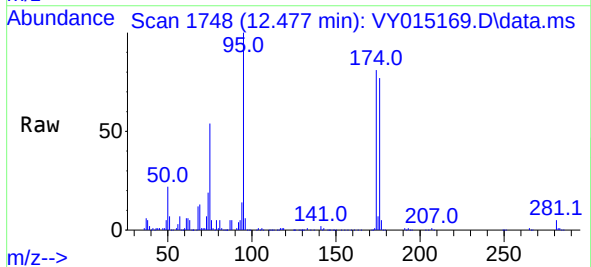
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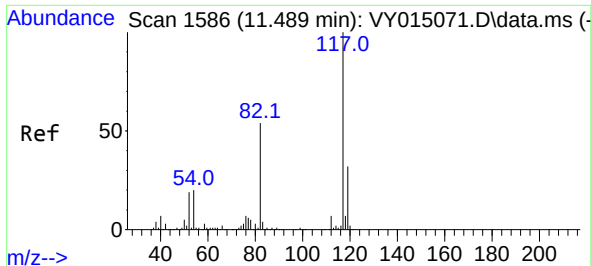
Tgt Ion: 98 Resp: 269128
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.243 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

Tgt Ion: 95 Resp: 101510
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.3 0.0 173.8

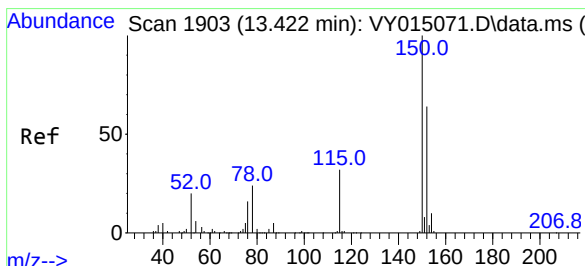
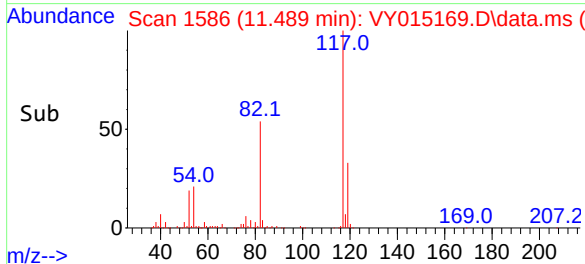
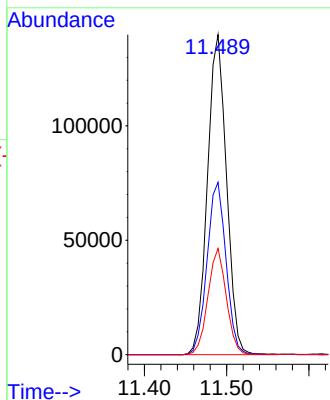
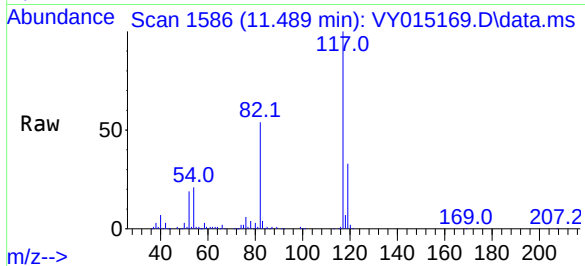




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-02(0-5)

Tgt Ion:117 Resp: 224883
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015169.D
Acq: 17 Aug 2023 14:06

Tgt Ion:152 Resp: 112945
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 158.0 0.0 348.8

