

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012899.D
 Acq On : 09 Mar 2023 15:15
 Operator : KP/MD
 Sample : 01837-02
 Misc : 12.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-10-4.5-030723

Quant Time: Mar 10 00:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

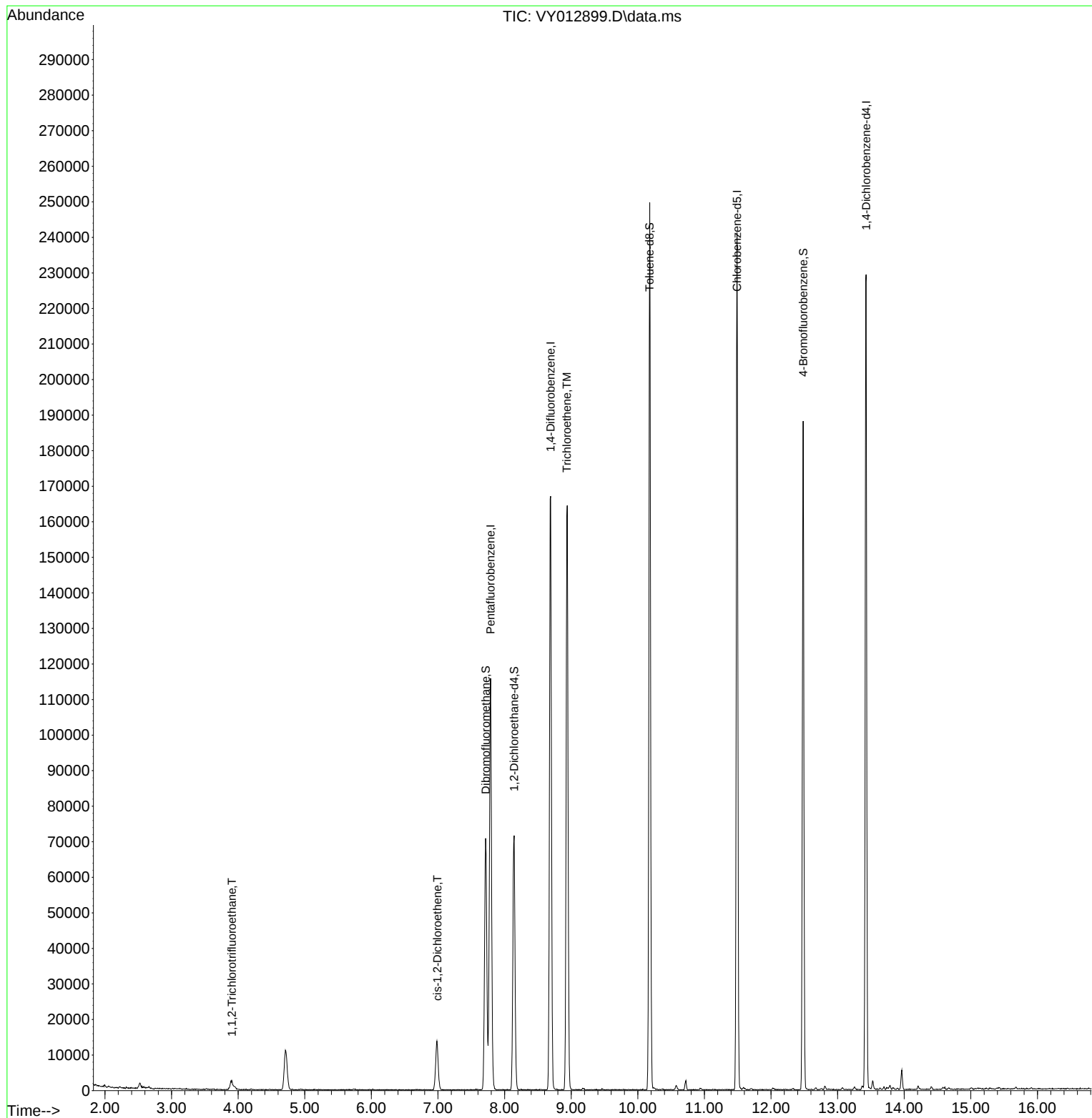
Internal Standards						
1) Pentafluorobenzene	7.789	168	89886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55975	62.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.440%
35) Dibromofluoromethane	7.716	113	48524	55.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.200%
50) Toluene-d8	10.179	98	158324	49.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	51940	47.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.600%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.905	101	1626	1.675	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	7584	7.032	ug/l	89
44) Trichloroethene	8.935	130	58880	53.494	ug/l	97

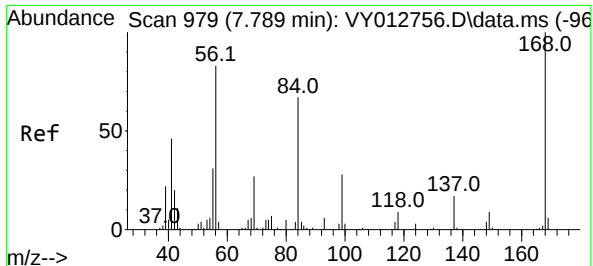
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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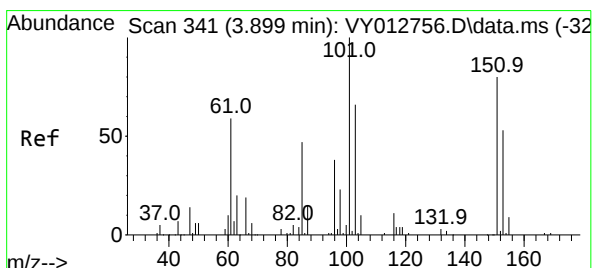
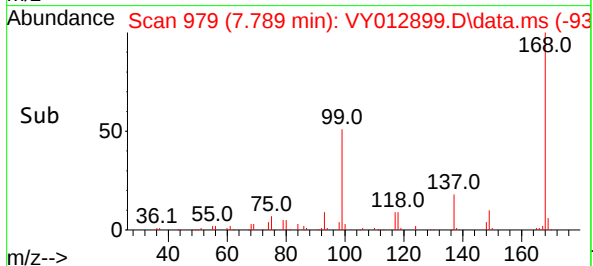
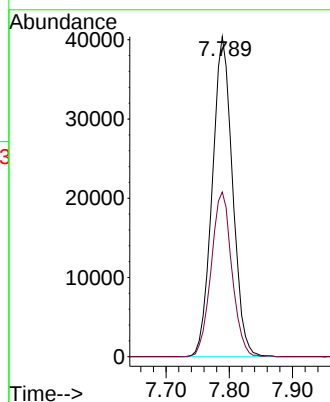
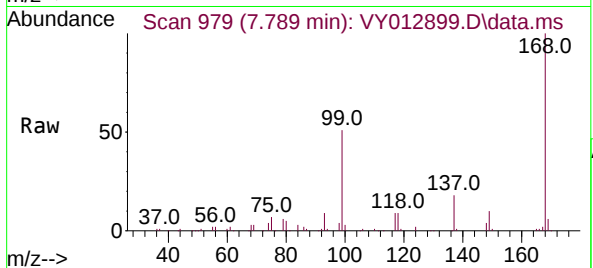




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

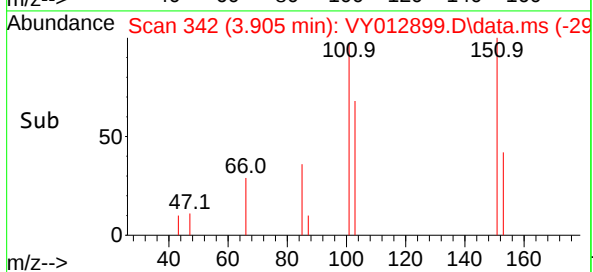
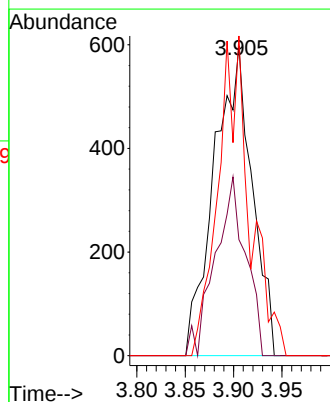
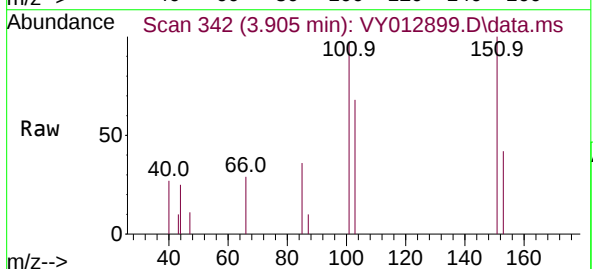
Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

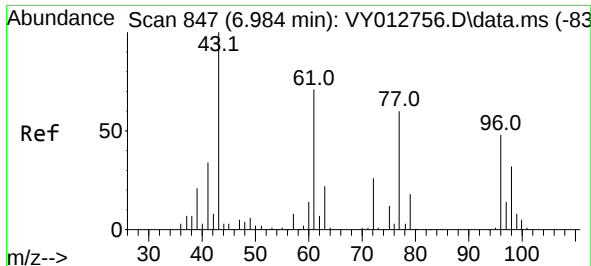
Tgt Ion:168 Resp: 89886
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.675 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion:101 Resp: 1626
Ion Ratio Lower Upper
101 100
85 46.4 35.3 52.9
151 86.4 63.1 94.7





#27

cis-1,2-Dichloroethene

Concen: 7.032 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CB-10-4.5-030723

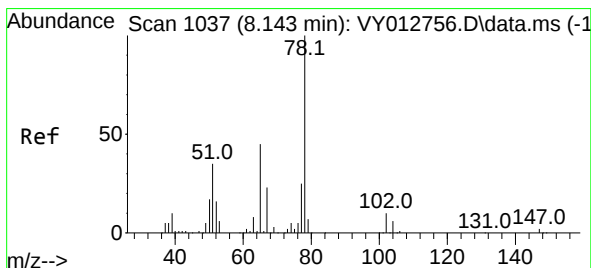
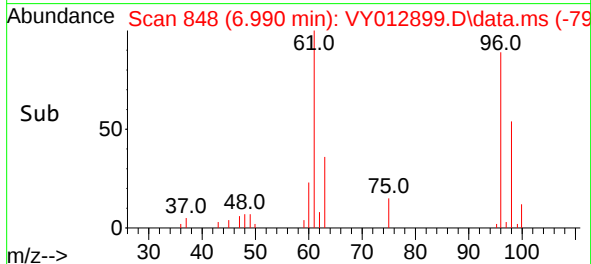
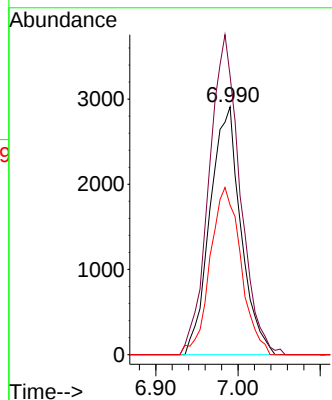
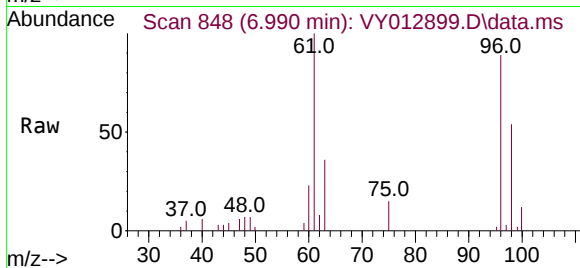
Tgt Ion: 96 Resp: 7584

Ion Ratio Lower Upper

96 100

61 130.2 0.0 295.8

98 67.6 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 62.720 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012899.D

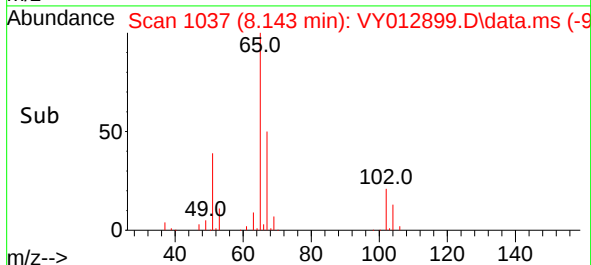
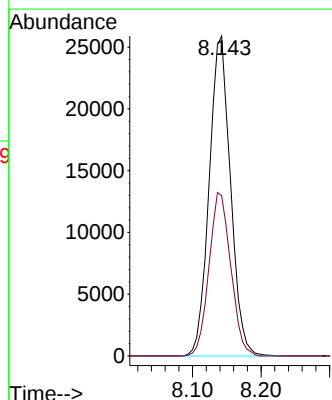
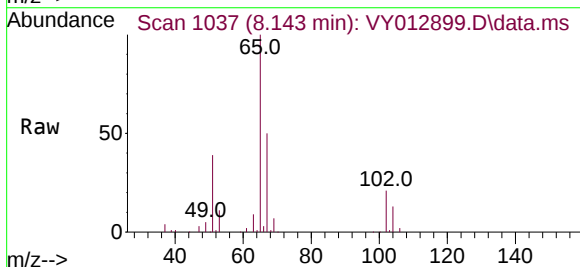
Acq: 09 Mar 2023 15:15

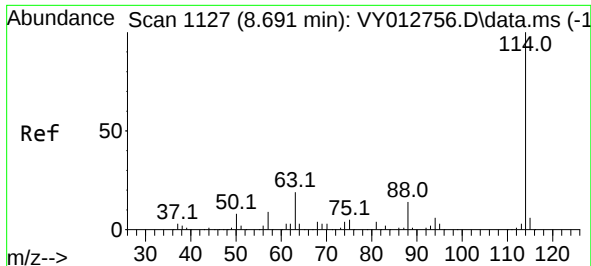
Tgt Ion: 65 Resp: 55975

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CB-10-4.5-030723

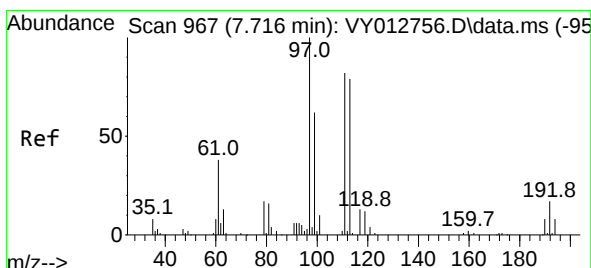
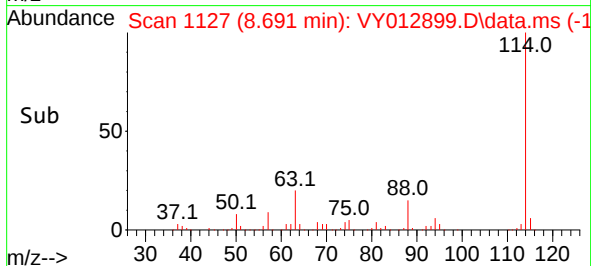
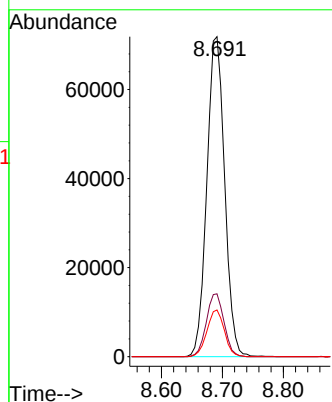
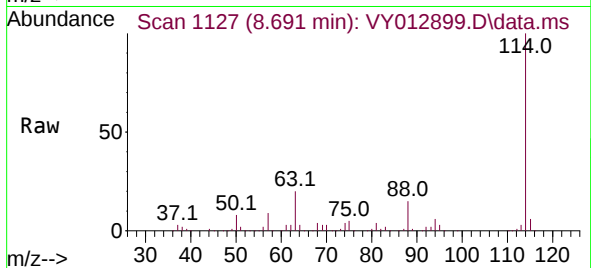
Tgt Ion:114 Resp: 145930

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.098 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

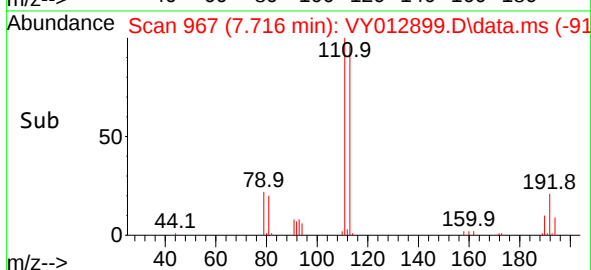
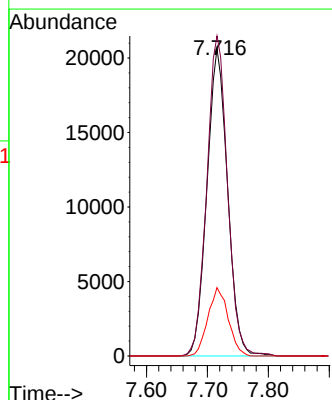
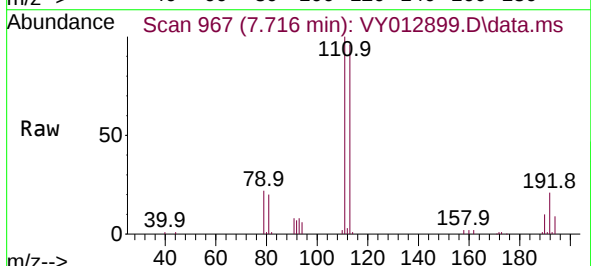
Tgt Ion:113 Resp: 48524

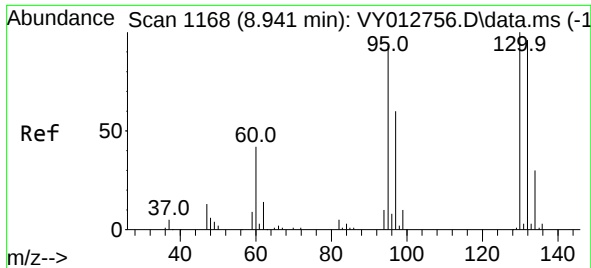
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 21.9 16.8 25.2

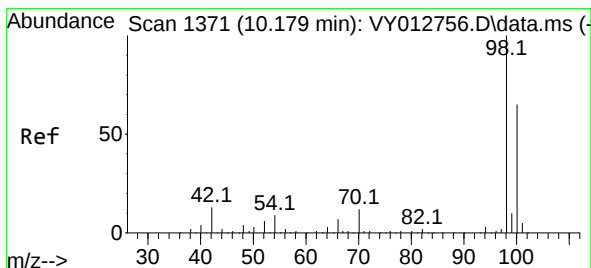
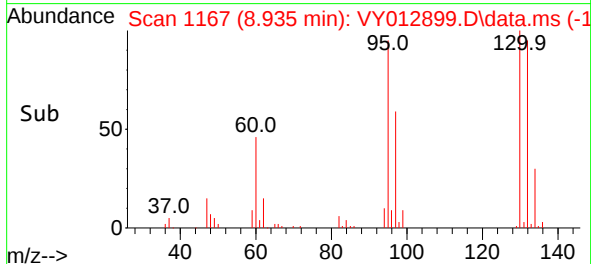
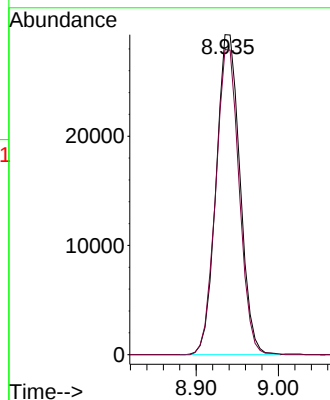
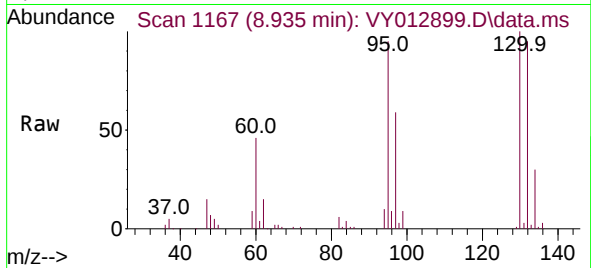




#44
Trichloroethene
Concen: 53.494 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

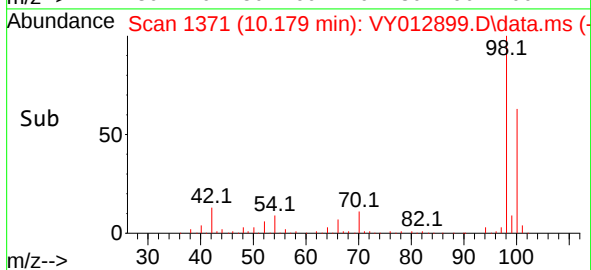
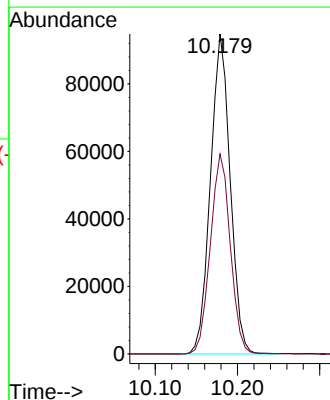
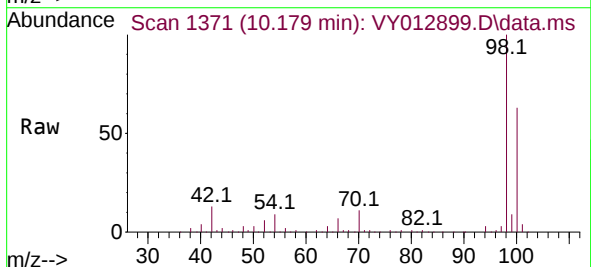
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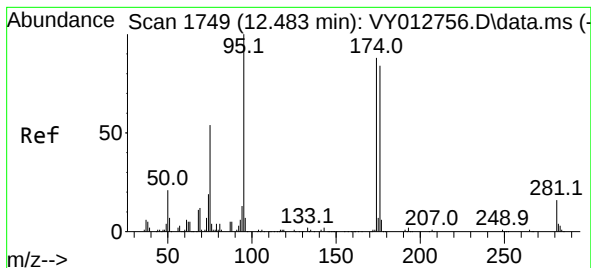
Tgt Ion:130 Resp: 58880
Ion Ratio Lower Upper
130 100
95 95.3 0.0 185.0



#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion: 98 Resp: 158324
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

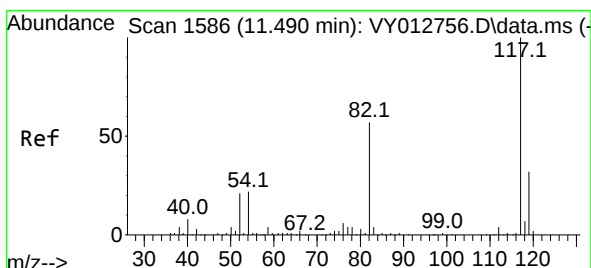
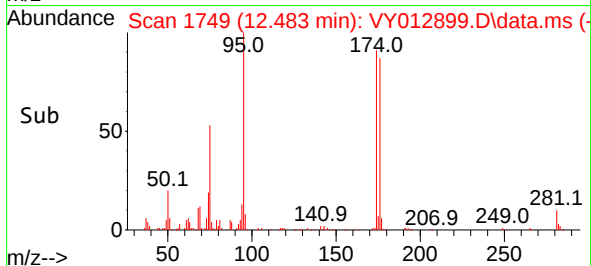
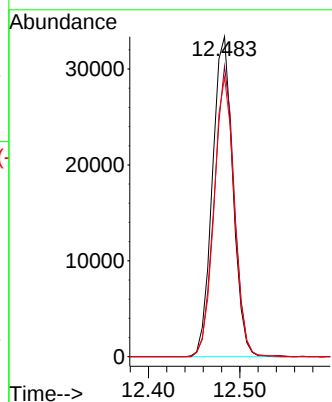
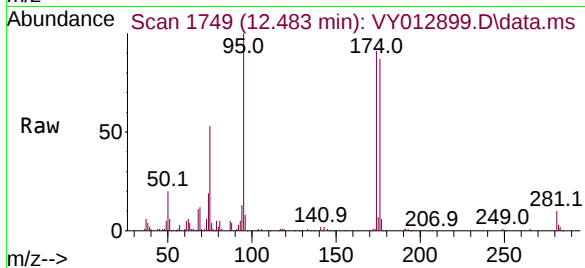




#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

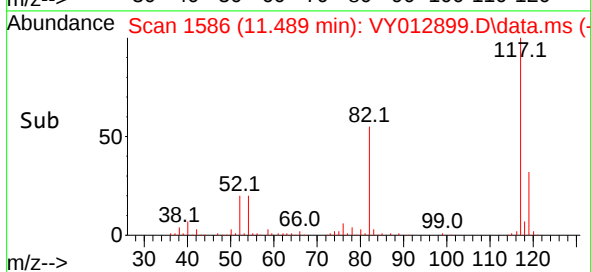
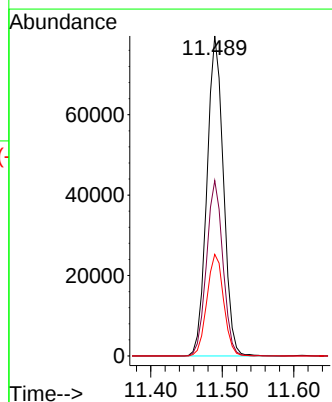
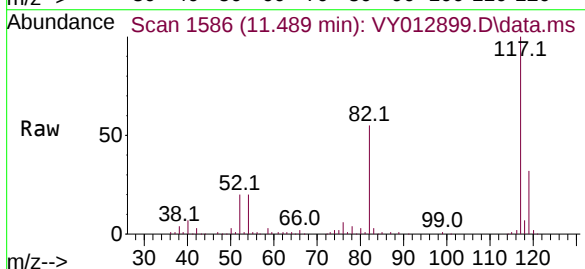
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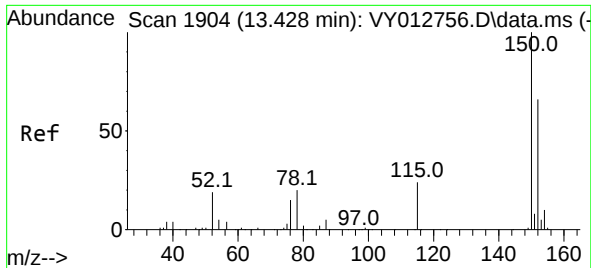
Tgt Ion:	95	Resp:	51940
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	176.6
176	86.8	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

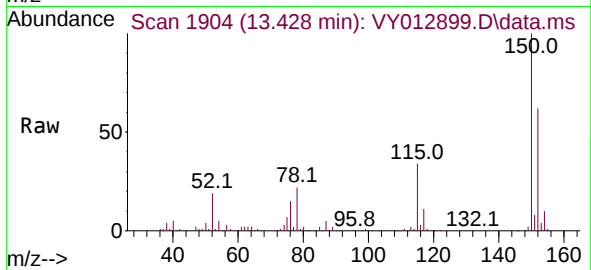
Tgt Ion:	117	Resp:	127516
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.0
119	31.8	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012899.D
 Acq: 09 Mar 2023 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-10-4.5-030723



Tgt Ion:152 Resp: 60165
 Ion Ratio Lower Upper
 152 100
 115 55.8 27.1 81.3
 150 155.5 0.0 347.8

