

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012943.D
 Acq On : 14 Mar 2023 15:23
 Operator : KP/MD
 Sample : 01901-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-031323

Quant Time: Mar 15 01:43:39 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)

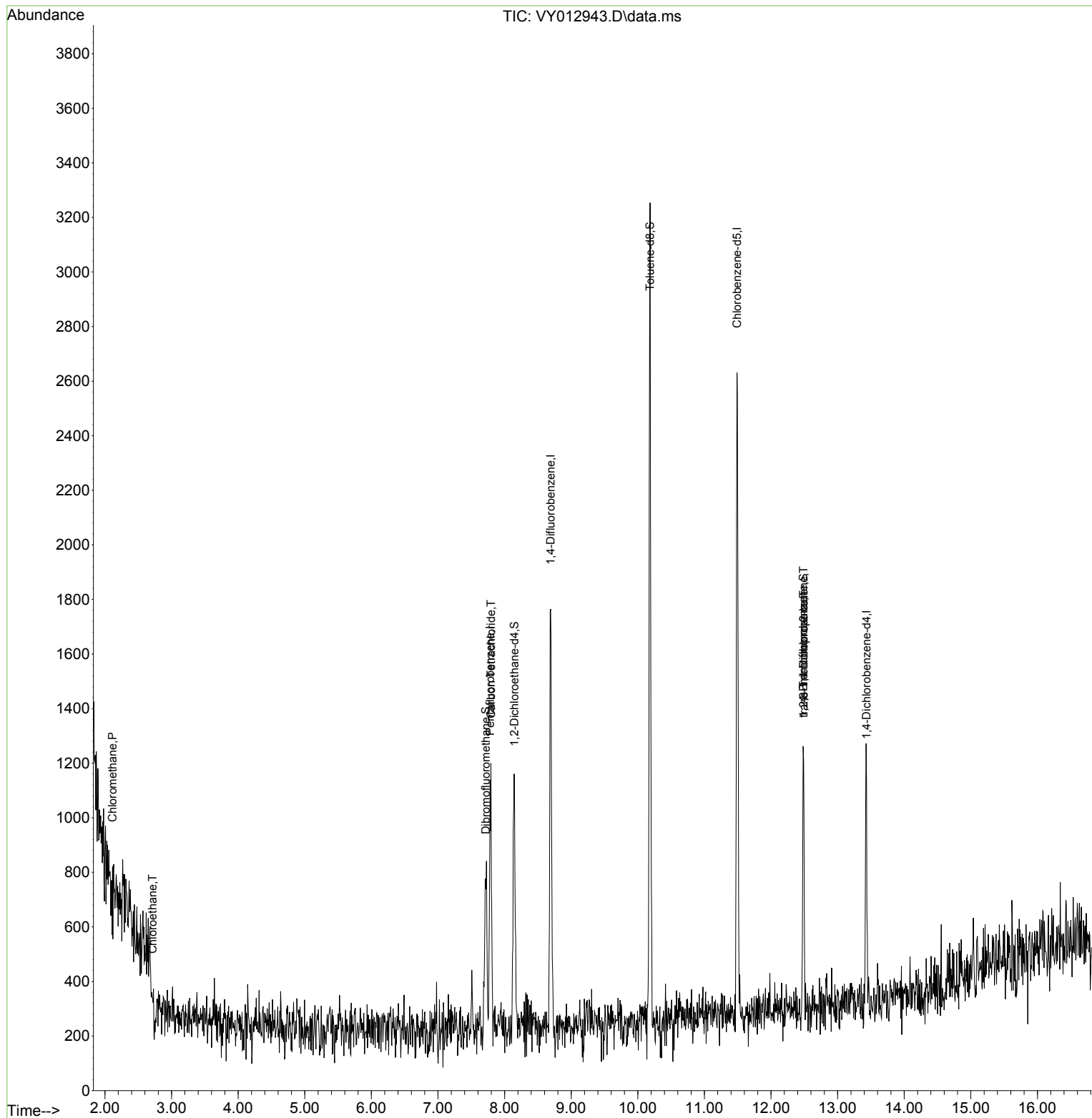
Internal Standards						
1) Pentafluorobenzene	7.783	168	1172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	874	75.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.220%	
35) Dibromofluoromethane	7.716	113	628	56.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.980%	
50) Toluene-d8	10.185	98	2092	51.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.483	95	467	34.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	46	3.331	ug/l #	42
6) Chloroethane	2.717	64	20	2.637	ug/l #	43
38) Carbon Tetrachloride	7.795	117	20	1.049	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	230	63.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	230	130.846	ug/l #	13

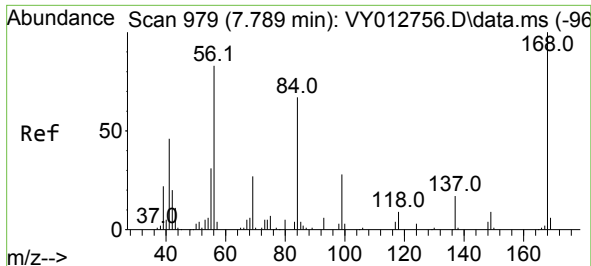
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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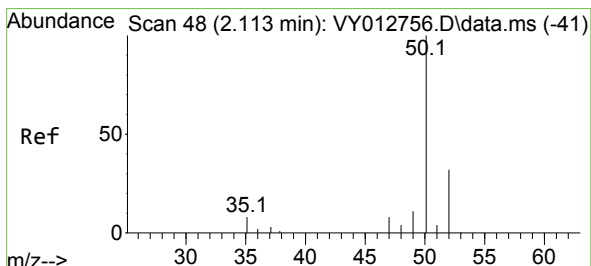
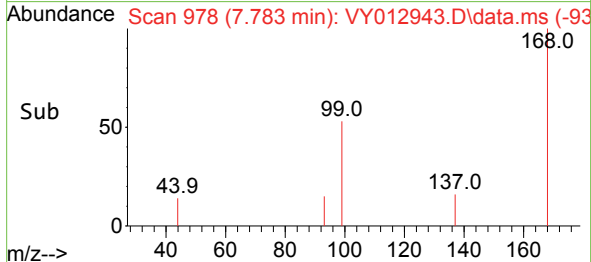
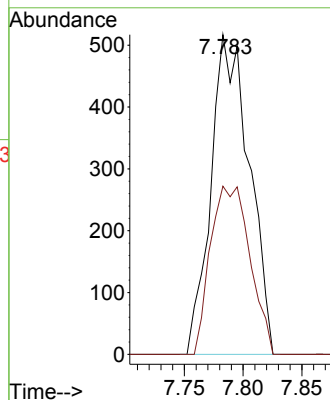
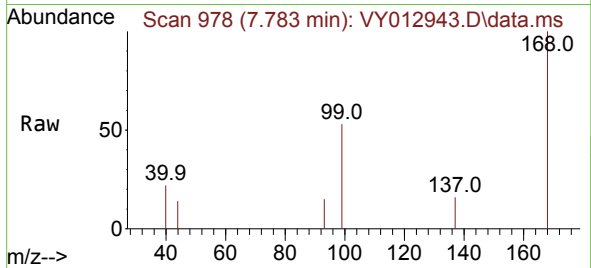




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

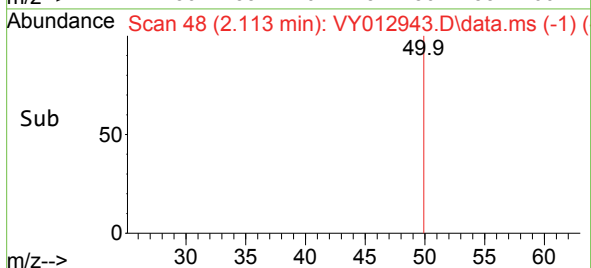
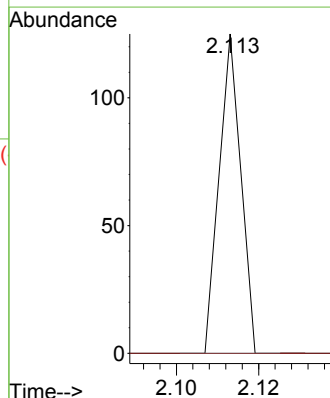
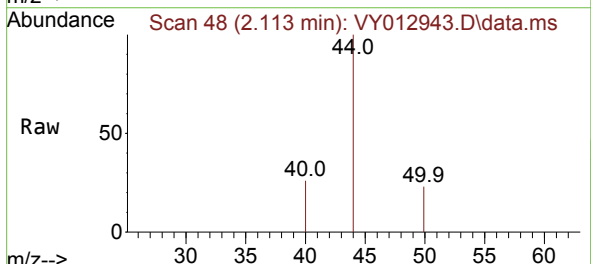
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323

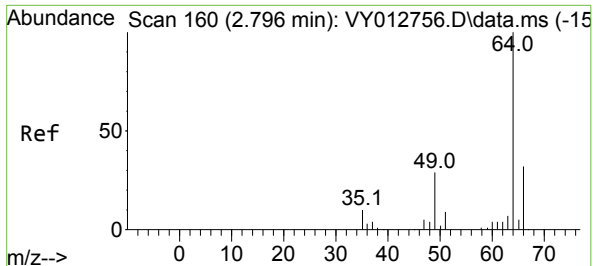
Tgt Ion:168 Resp: 1172
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#3
Chloromethane
Concen: 3.331 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion: 50 Resp: 46
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

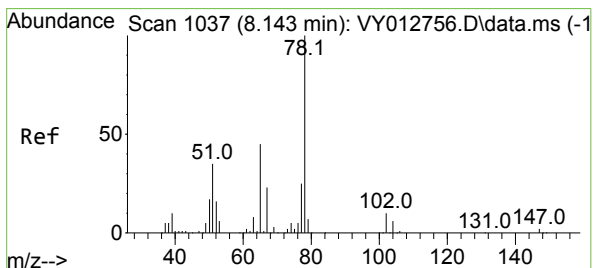
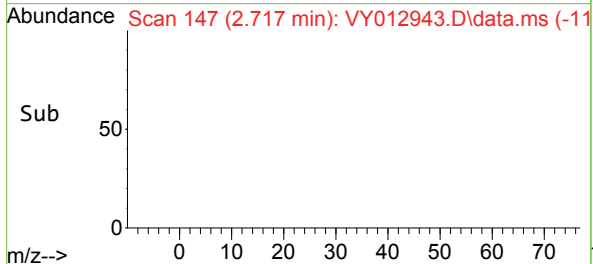
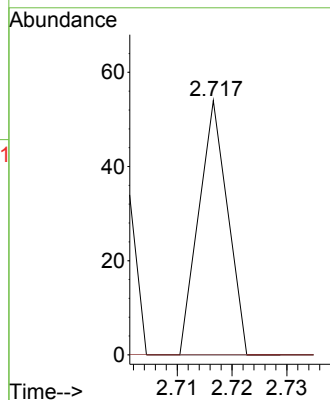
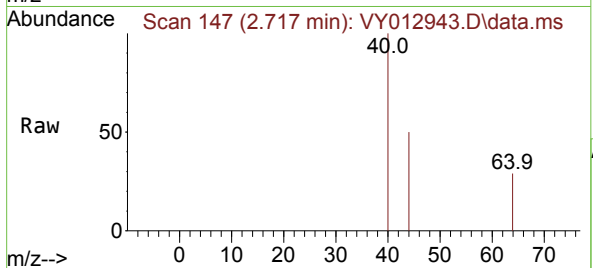




#6
Chloroethane
Concen: 2.637 ug/l
RT: 2.717 min Scan# 14
Delta R.T. -0.079 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

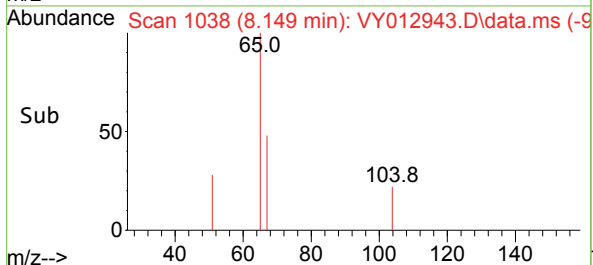
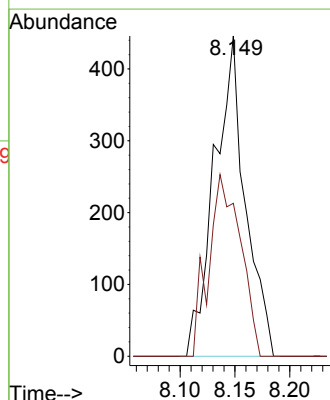
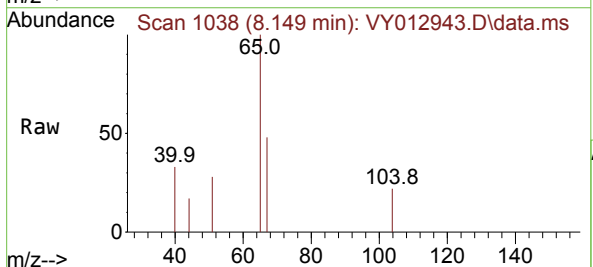
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323

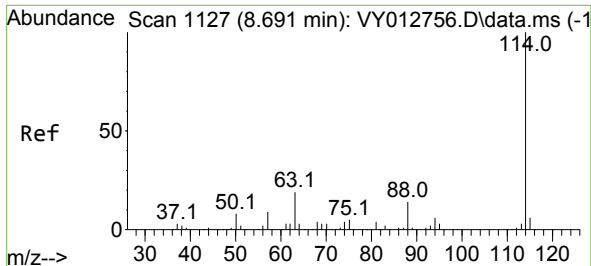
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 75.109 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion: 65 Resp: 874
Ion Ratio Lower Upper
65 100
67 58.7 0.0 104.0

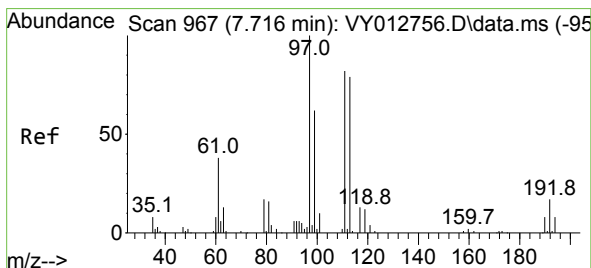
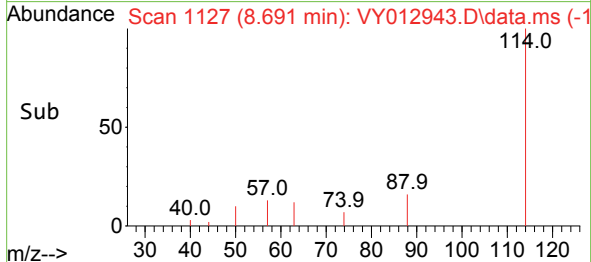
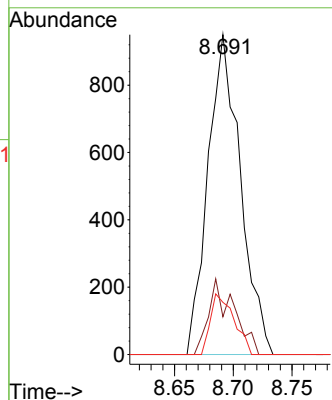
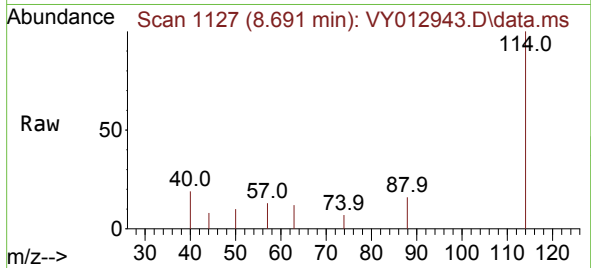




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

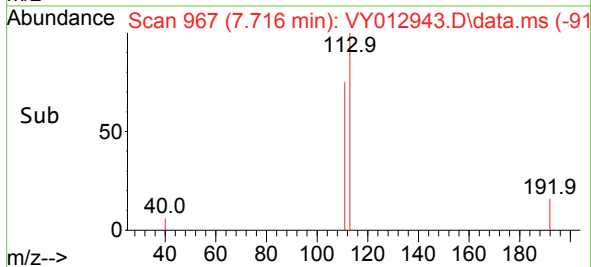
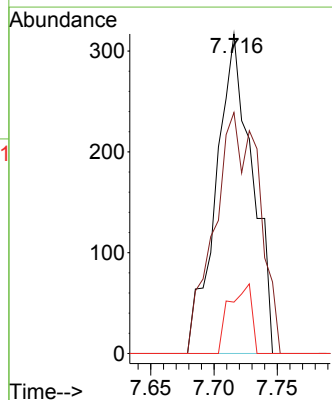
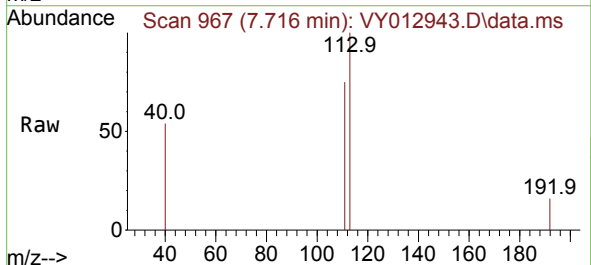
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323

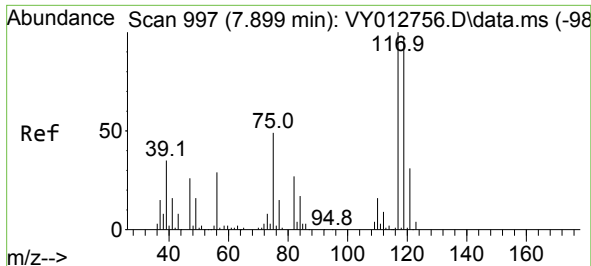
Tgt Ion:114 Resp: 1826
Ion Ratio Lower Upper
114 100
63 11.8 0.0 37.4
88 16.3 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.988 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion:113 Resp: 628
Ion Ratio Lower Upper
113 100
111 93.8 82.2 123.2
192 13.4 16.8 25.2#

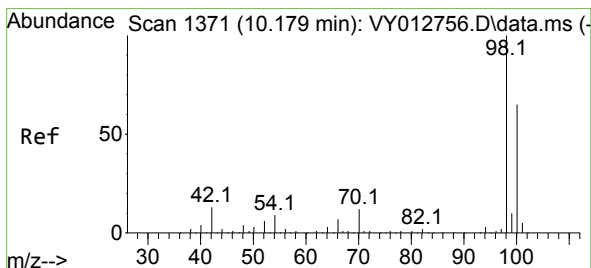
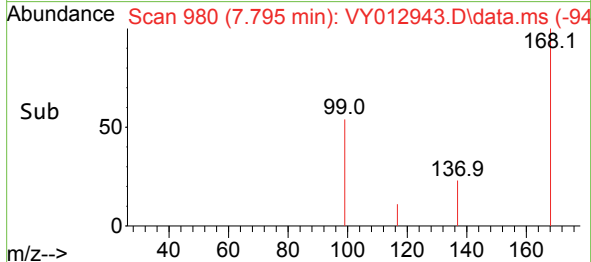
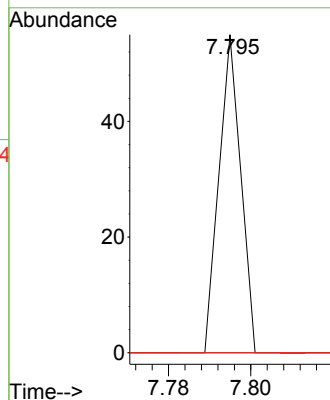
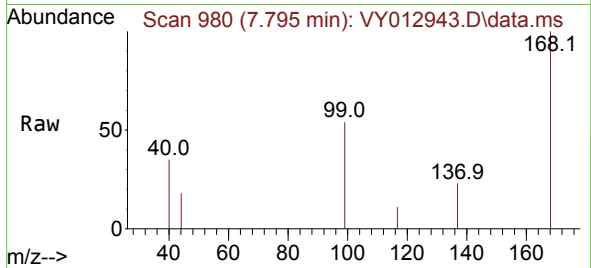




#38
Carbon Tetrachloride
Concen: 1.049 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

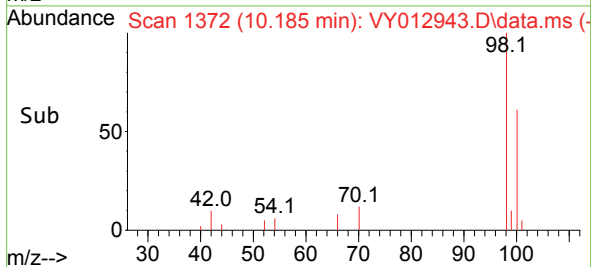
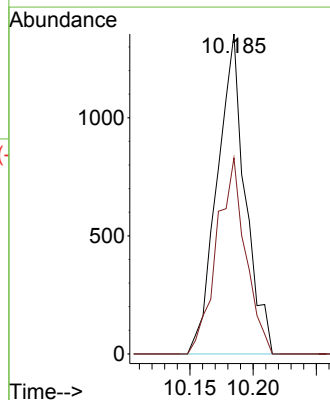
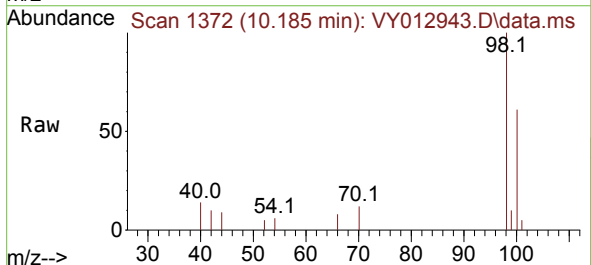
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323

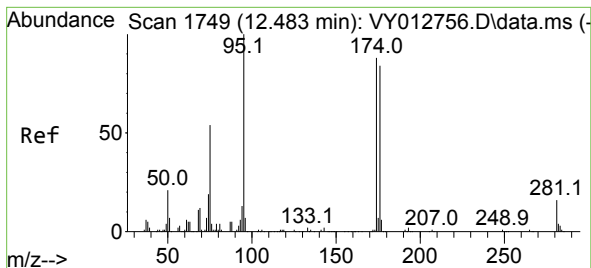
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion: 98 Resp: 2092
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

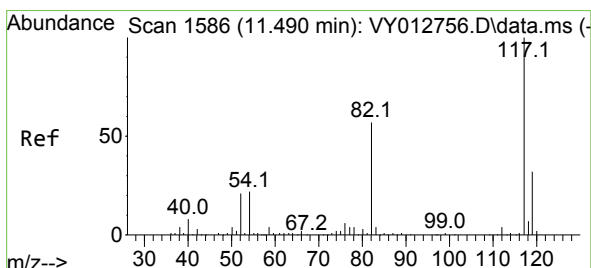
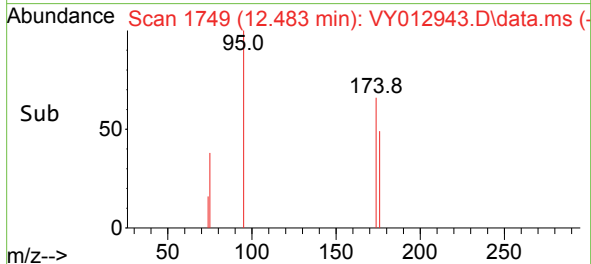
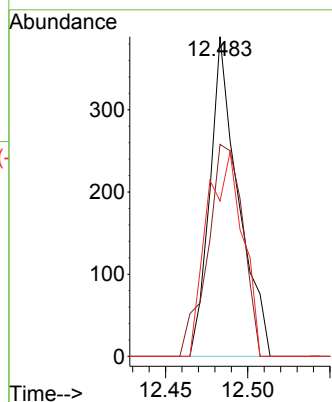
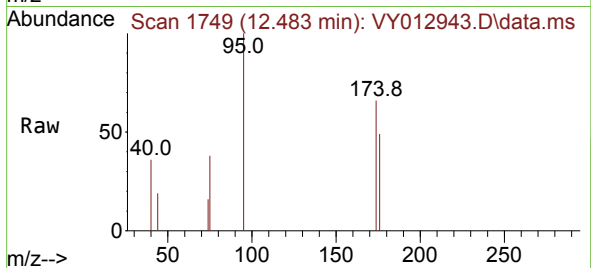




#62
4-Bromofluorobenzene
Concen: 34.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

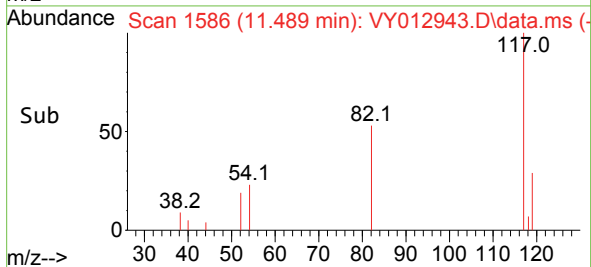
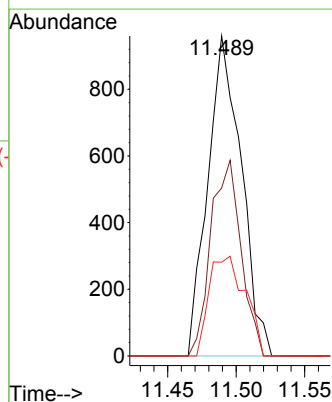
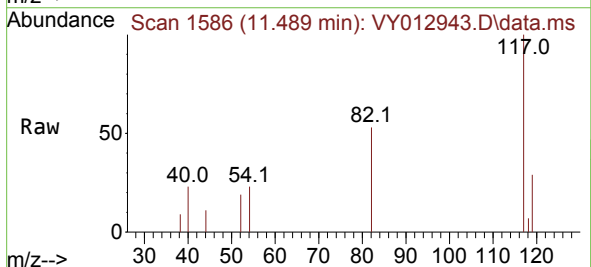
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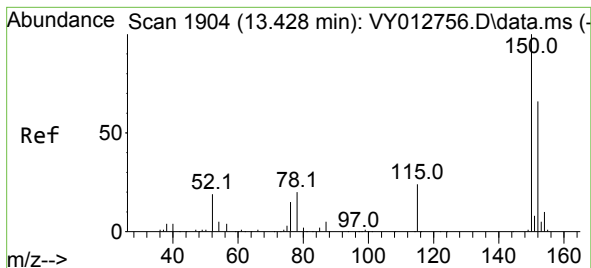
Tgt Ion: 95 Resp: 467
Ion Ratio Lower Upper
95 100
174 82.0 0.0 176.6
176 80.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion: 117 Resp: 1632
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 29.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012943.D

Acq: 14 Mar 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-031323

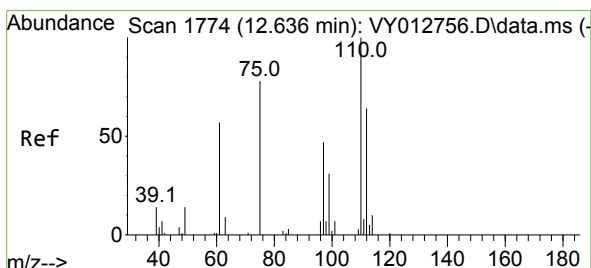
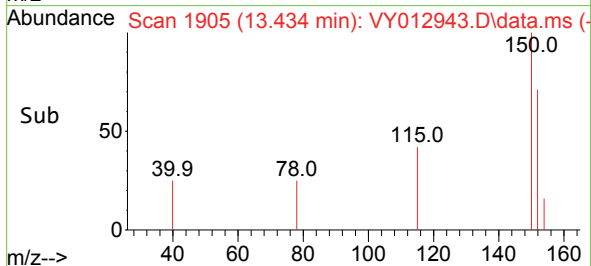
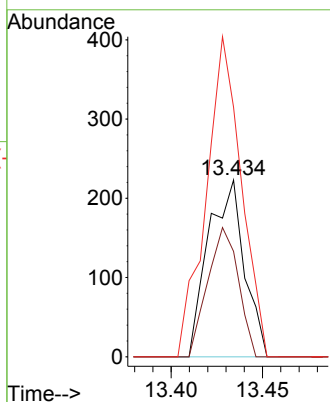
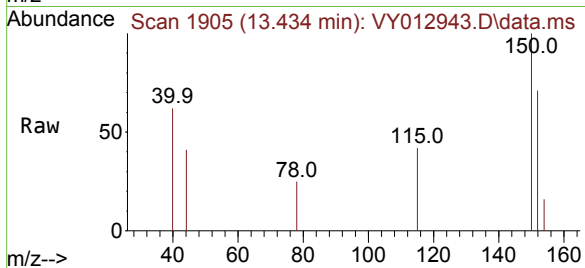
Tgt Ion:152 Resp: 305

Ion Ratio Lower Upper

152 100

115 62.3 27.1 81.3

150 177.4 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 63.149 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY012943.D

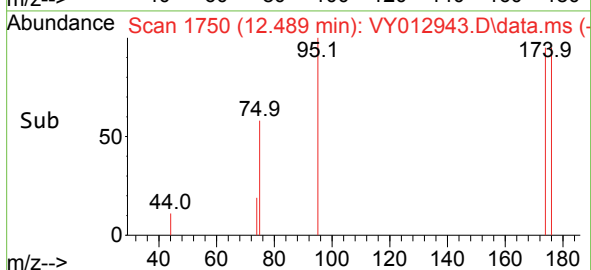
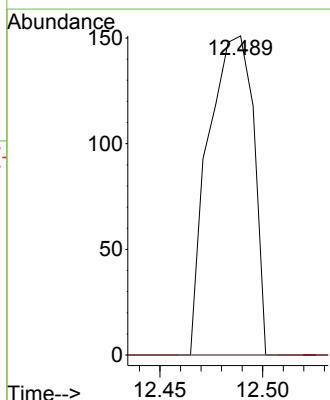
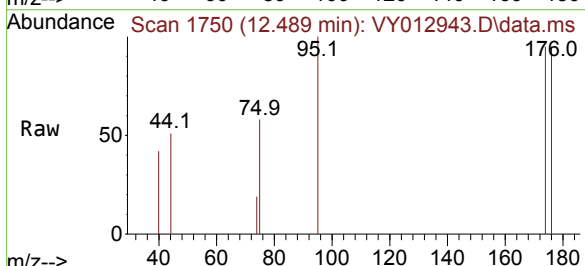
Acq: 14 Mar 2023 15:23

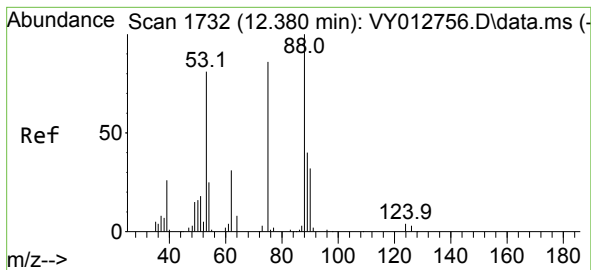
Tgt Ion: 75 Resp: 230

Ion Ratio Lower Upper

75 100

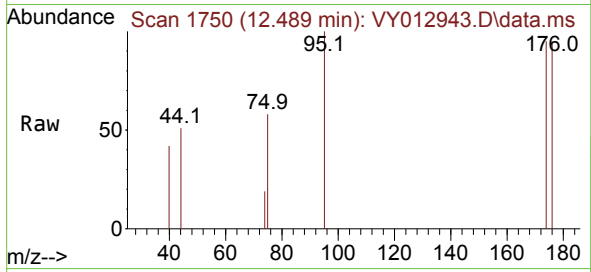
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 130.846 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323



Tgt Ion: 75 Resp: 230
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

