

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013500.D
 Acq On : 27 Apr 2023 18:27
 Operator : KP/MD
 Sample : 02470-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-8.5-9.0

Quant Time: Apr 28 01:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

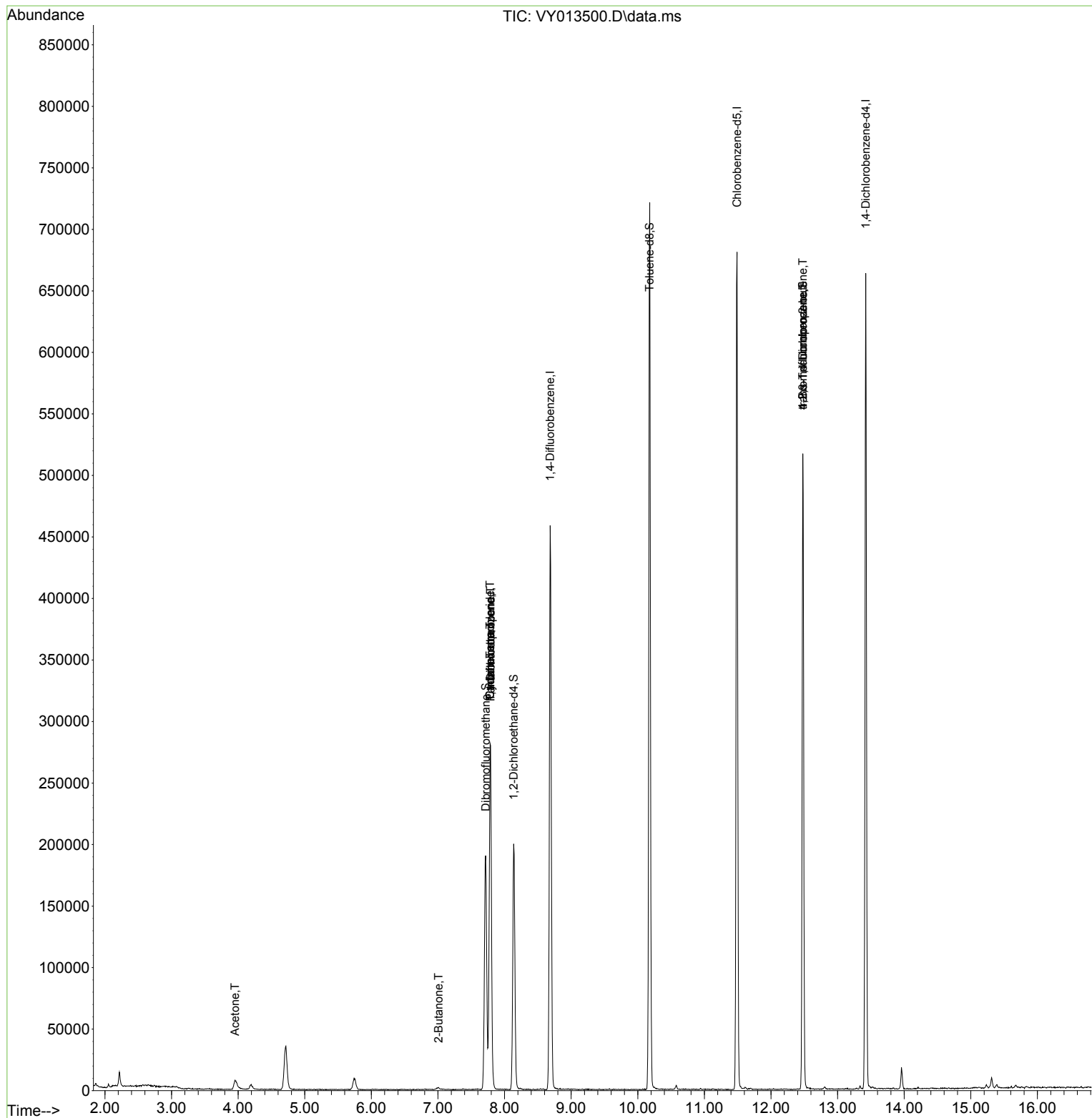
Internal Standards						
1) Pentafluorobenzene	7.789	168	219576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157257	65.332	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.660%			
35) Dibromofluoromethane	7.716	113	132206	56.041	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.080%			
50) Toluene-d8	10.179	98	459427	54.744	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.480%			
62) 4-Bromofluorobenzene	12.477	95	149205	52.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.480%			
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	17677	18.648	ug/l #	80
25) 2-Butanone	7.009	43	2548	2.120	ug/l	97
31) Cyclohexane	7.783	56	5253	1.219	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	17077	4.362	ug/l #	49
38) Carbon Tetrachloride	7.783	117	21580	5.259	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	79427	36.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79427	73.735	ug/l #	13

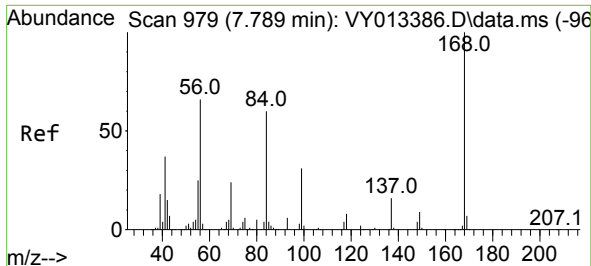
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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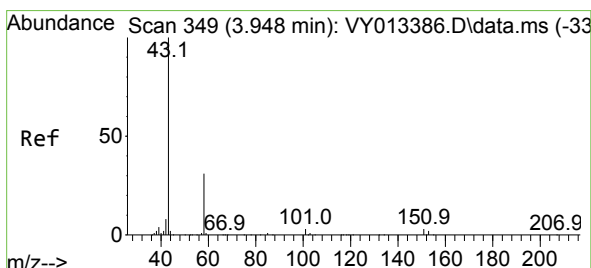
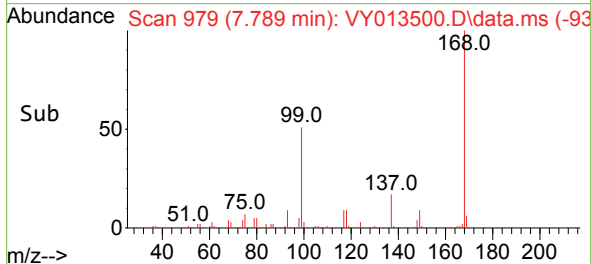
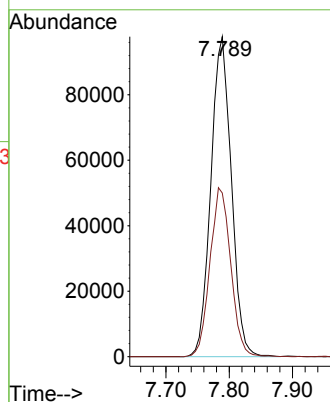
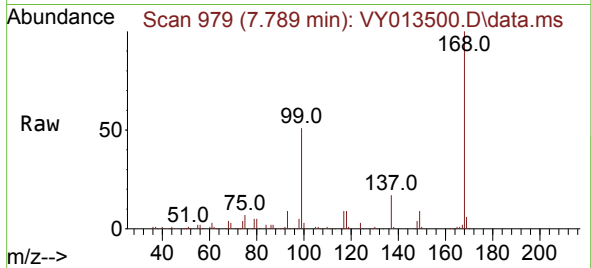




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

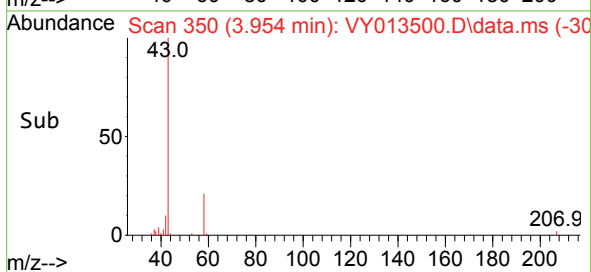
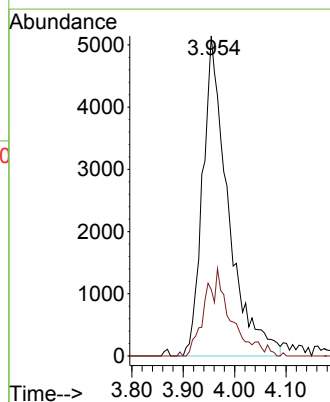
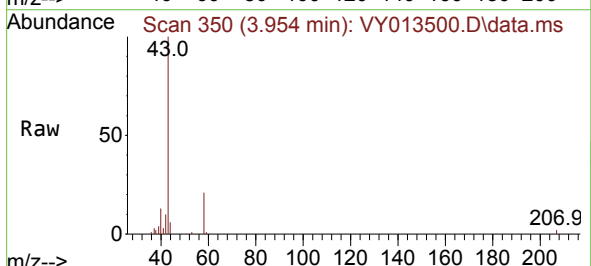
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

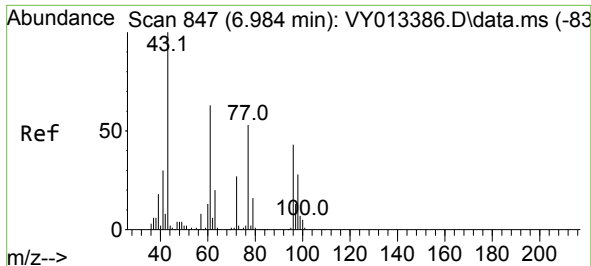
Tgt Ion:168 Resp: 219576
Ion Ratio Lower Upper
168 100
99 51.2 41.8 62.6



#16
Acetone
Concen: 18.648 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 43 Resp: 17677
Ion Ratio Lower Upper
43 100
58 20.7 25.4 38.0#





#25

2-Butanone

Concen: 2.120 ug/l

RT: 7.009 min Scan# 8

Delta R.T. 0.025 min

Lab File: VY013500.D

Acq: 27 Apr 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

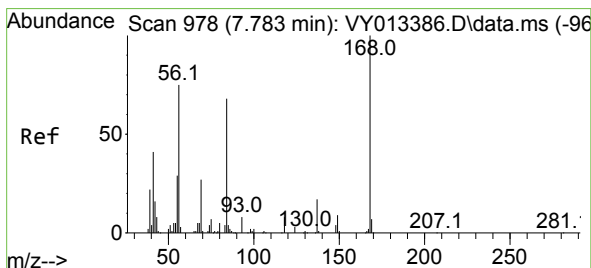
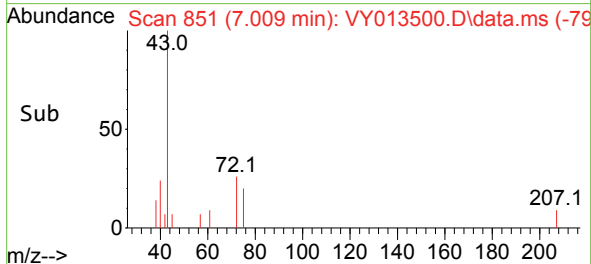
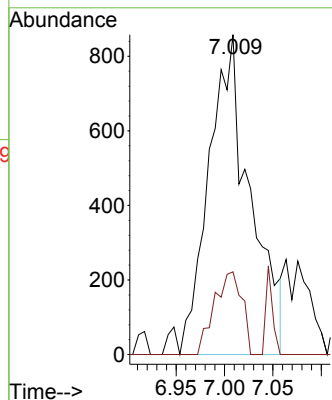
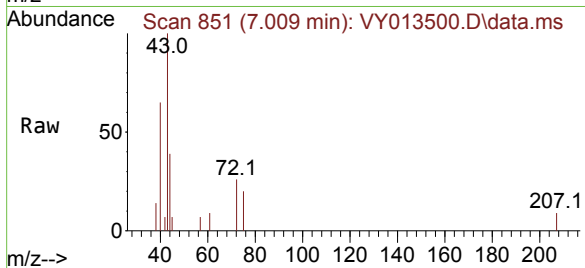
SB-10-8.5-9.0

Tgt Ion: 43 Resp: 2548

Ion Ratio Lower Upper

43 100

72 25.9 21.9 32.9



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013500.D

Acq: 27 Apr 2023 18:27

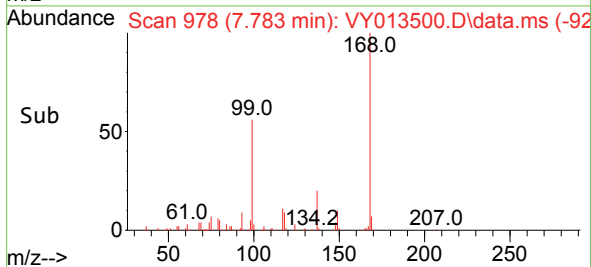
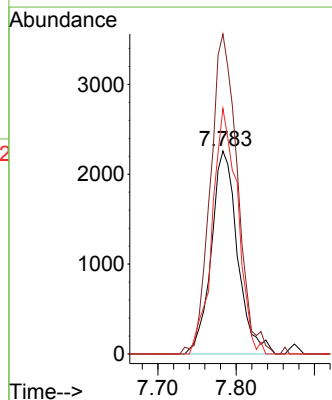
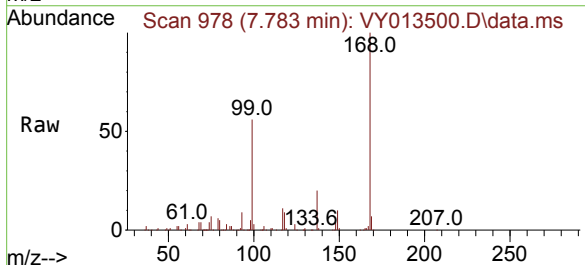
Tgt Ion: 56 Resp: 5253

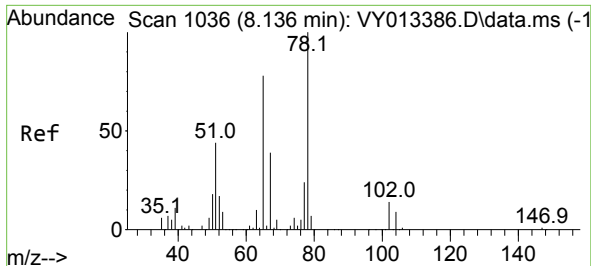
Ion Ratio Lower Upper

56 100

69 157.7 29.2 43.8#

84 120.9 73.0 109.6#

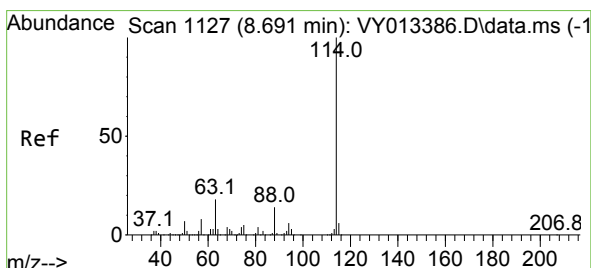
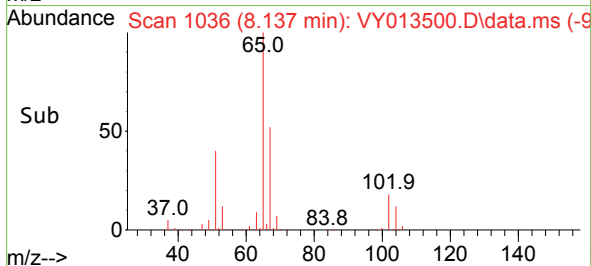
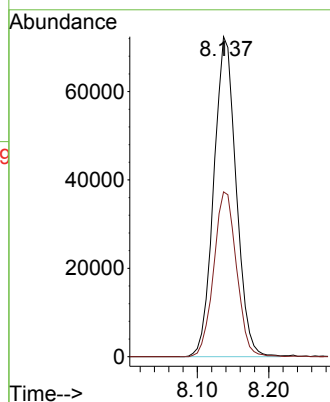
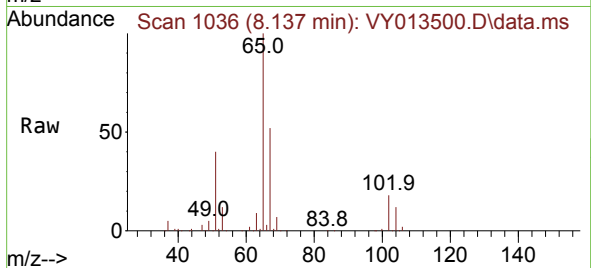




#33
1,2-Dichloroethane-d4
Concen: 65.332 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

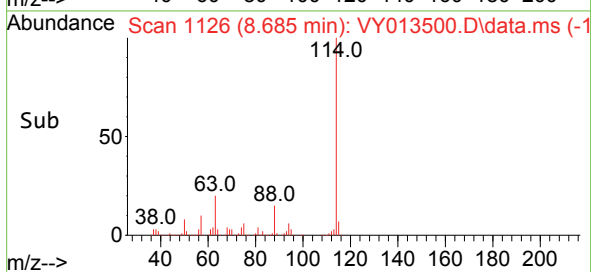
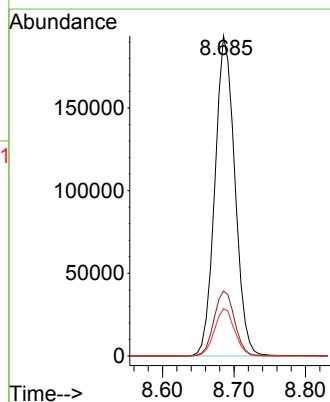
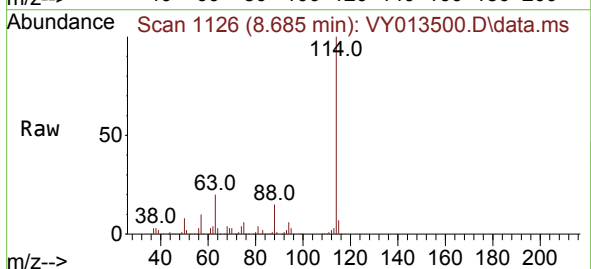
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

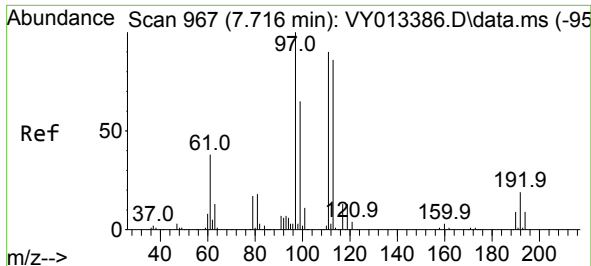
Tgt Ion: 65 Resp: 157257
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 114 Resp: 375082
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 14.8 0.0 28.8

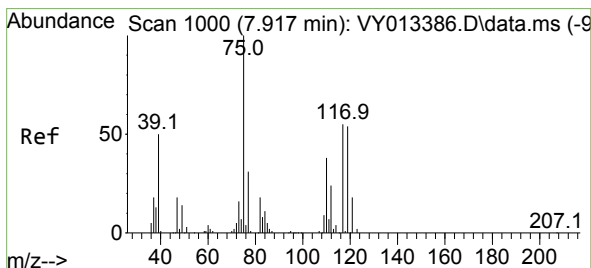
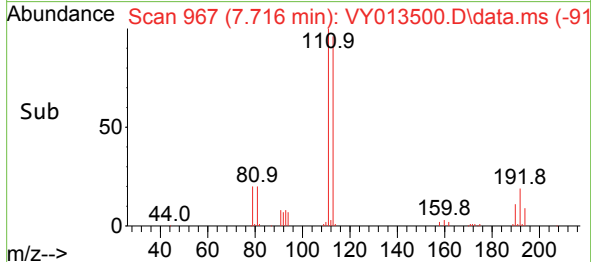
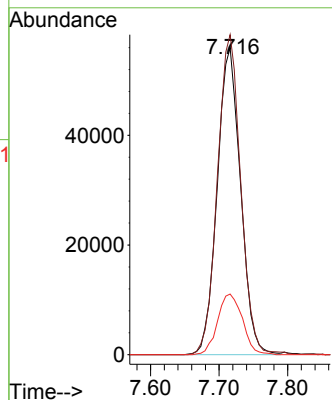
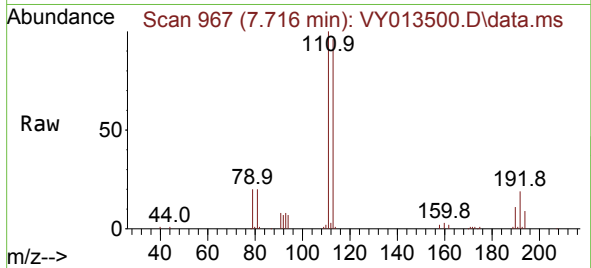




#35
Dibromofluoromethane
Concen: 56.041 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

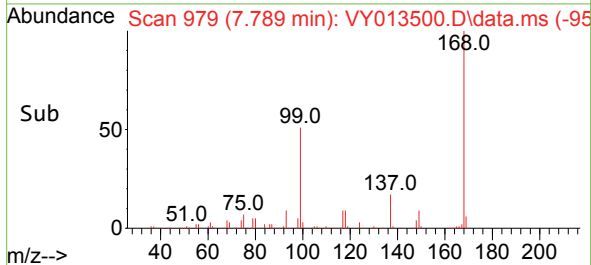
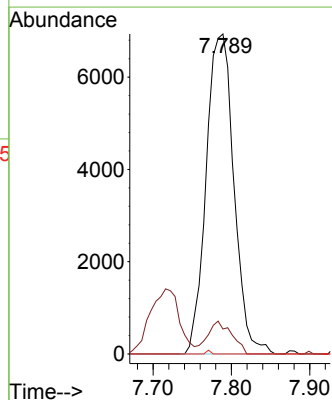
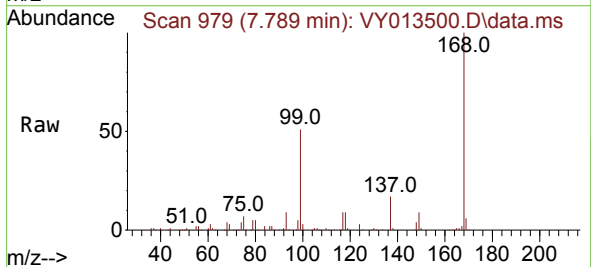
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

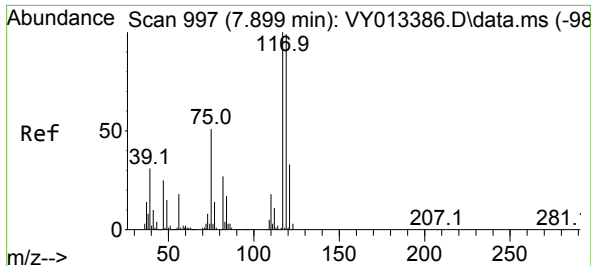
Tgt Ion:113 Resp: 132206
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 75 Resp: 17077
Ion Ratio Lower Upper
75 100
110 9.0 18.7 56.1#
77 0.2 24.6 37.0#

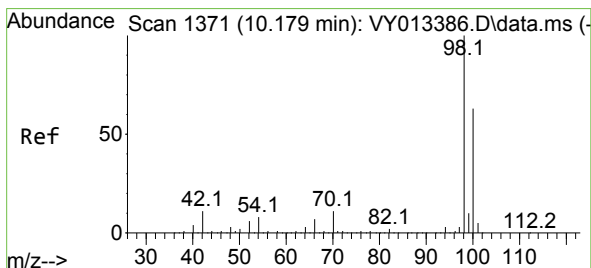
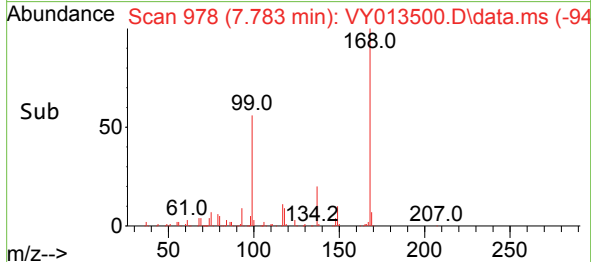
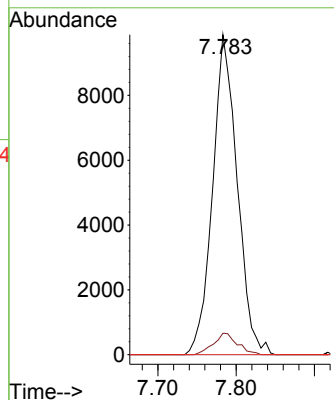
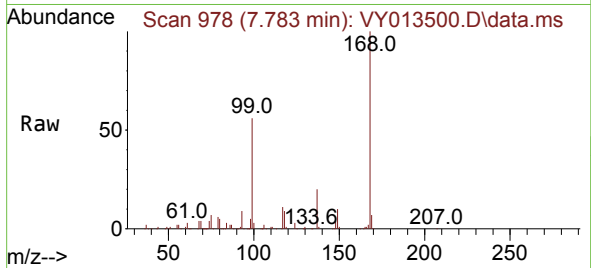




#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

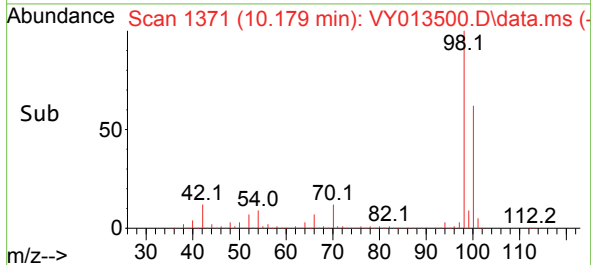
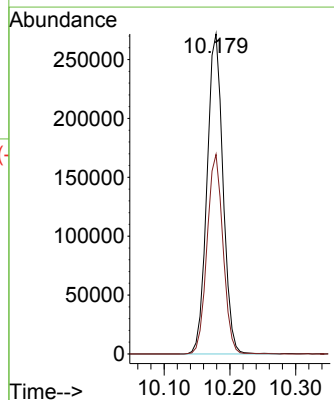
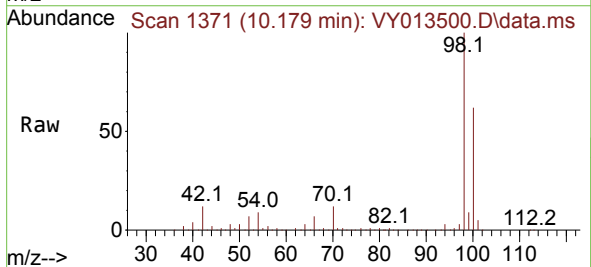
Instrument :
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ClientSampleId :
SB-10-8.5-9.0

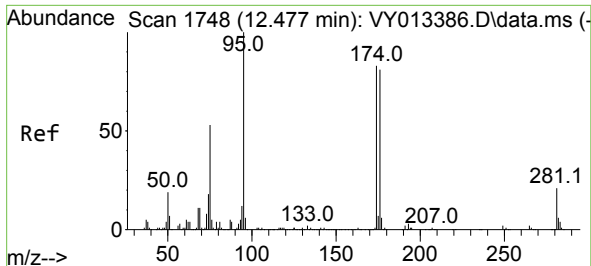
Tgt Ion:117 Resp: 21580
Ion Ratio Lower Upper
117 100
119 6.7 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.744 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 98 Resp: 459427
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

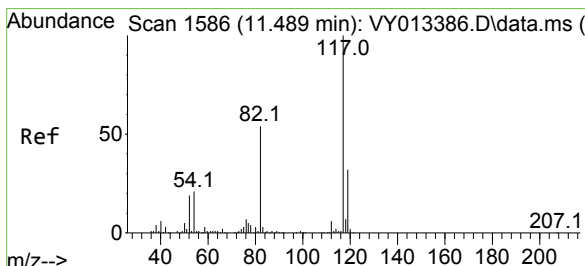
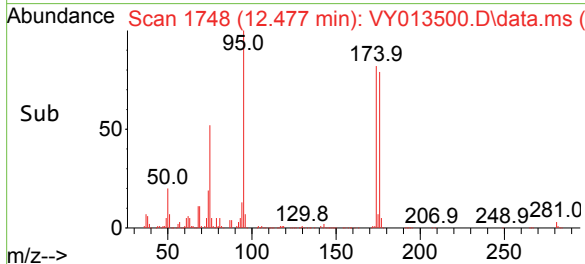
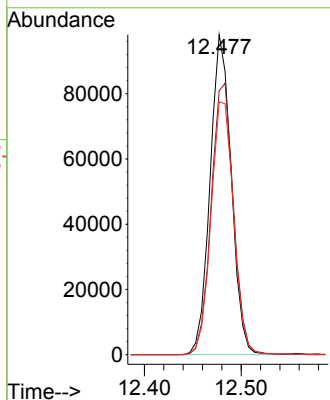
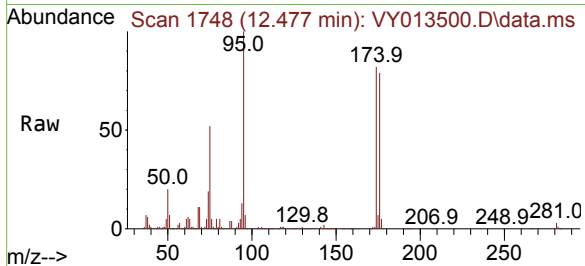




#62
4-Bromofluorobenzene
Concen: 52.737 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

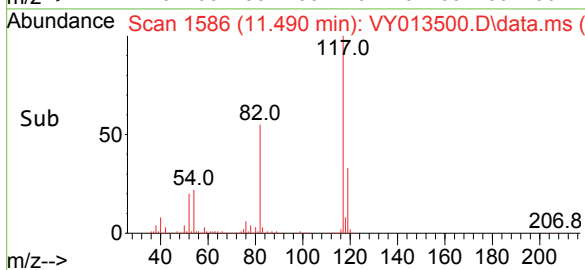
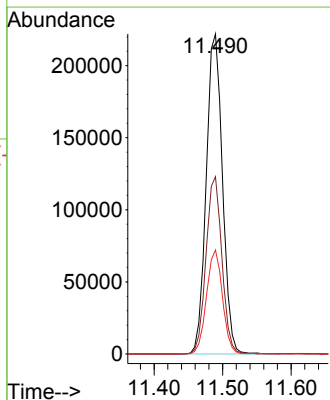
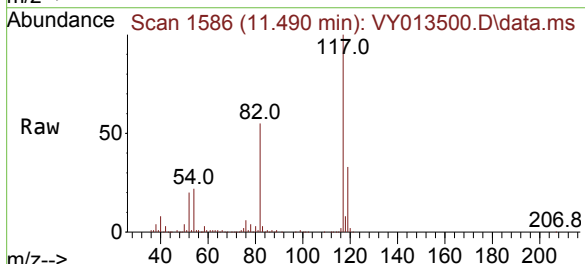
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SB-10-8.5-9.0

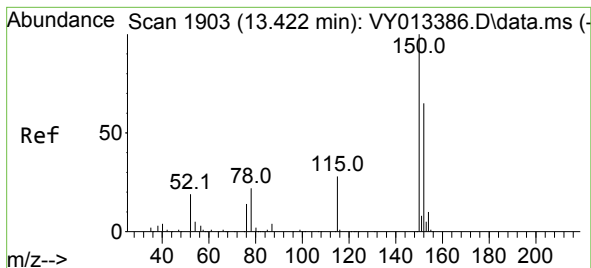
Tgt Ion: 95 Resp: 149205
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.0
176 84.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013500.D
Acq: 27 Apr 2023 18:27

Tgt Ion: 117 Resp: 365770
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.6
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013500.D

Acq: 27 Apr 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-8.5-9.0

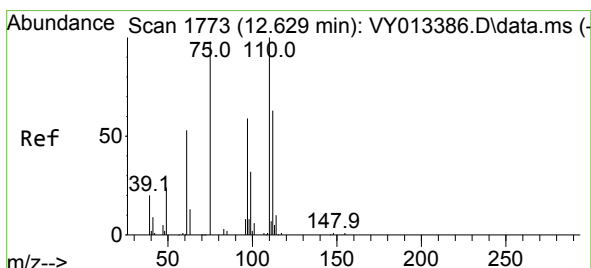
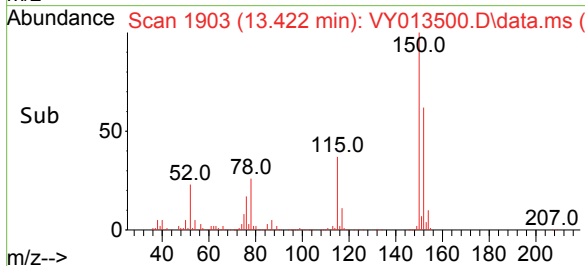
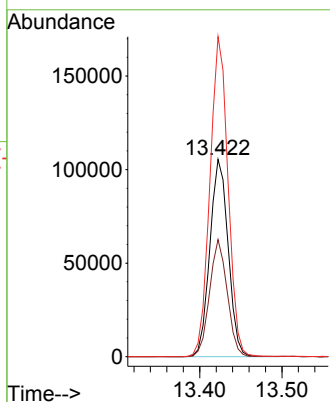
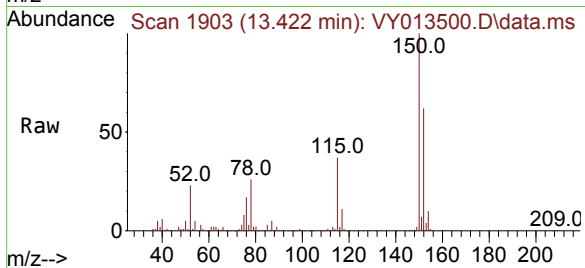
Tgt Ion:152 Resp: 163386

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 160.0 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 36.047 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013500.D

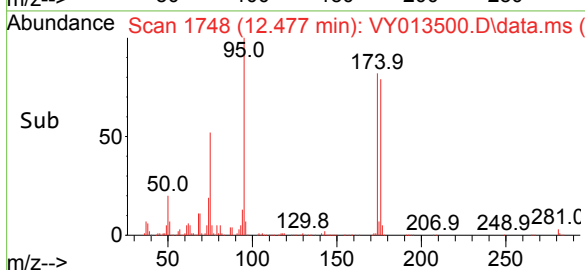
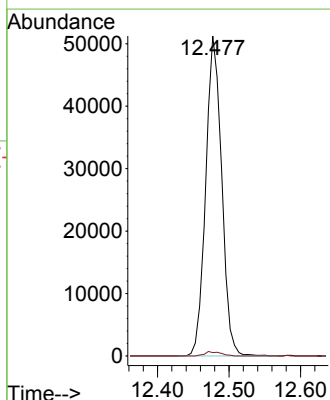
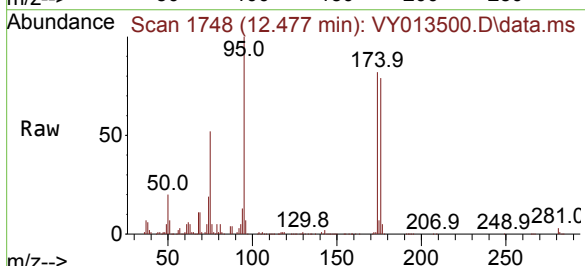
Acq: 27 Apr 2023 18:27

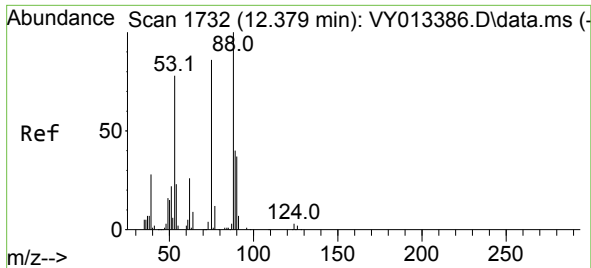
Tgt Ion: 75 Resp: 79427

Ion Ratio Lower Upper

75 100

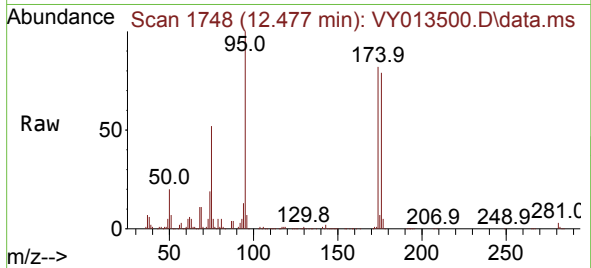
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.735 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013500.D
 Acq: 27 Apr 2023 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-8.5-9.0



Tgt Ion:	75	Resp:	79427
Ion	Ratio	Lower	Upper
75	100		
53	0.4	73.2	109.8#
89	0.0	38.0	57.0#

