

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013136.D
 Acq On : 29 Mar 2023 17:45
 Operator : KP/MD
 Sample : 02126-04
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-D

Quant Time: Mar 29 23:34:01 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)

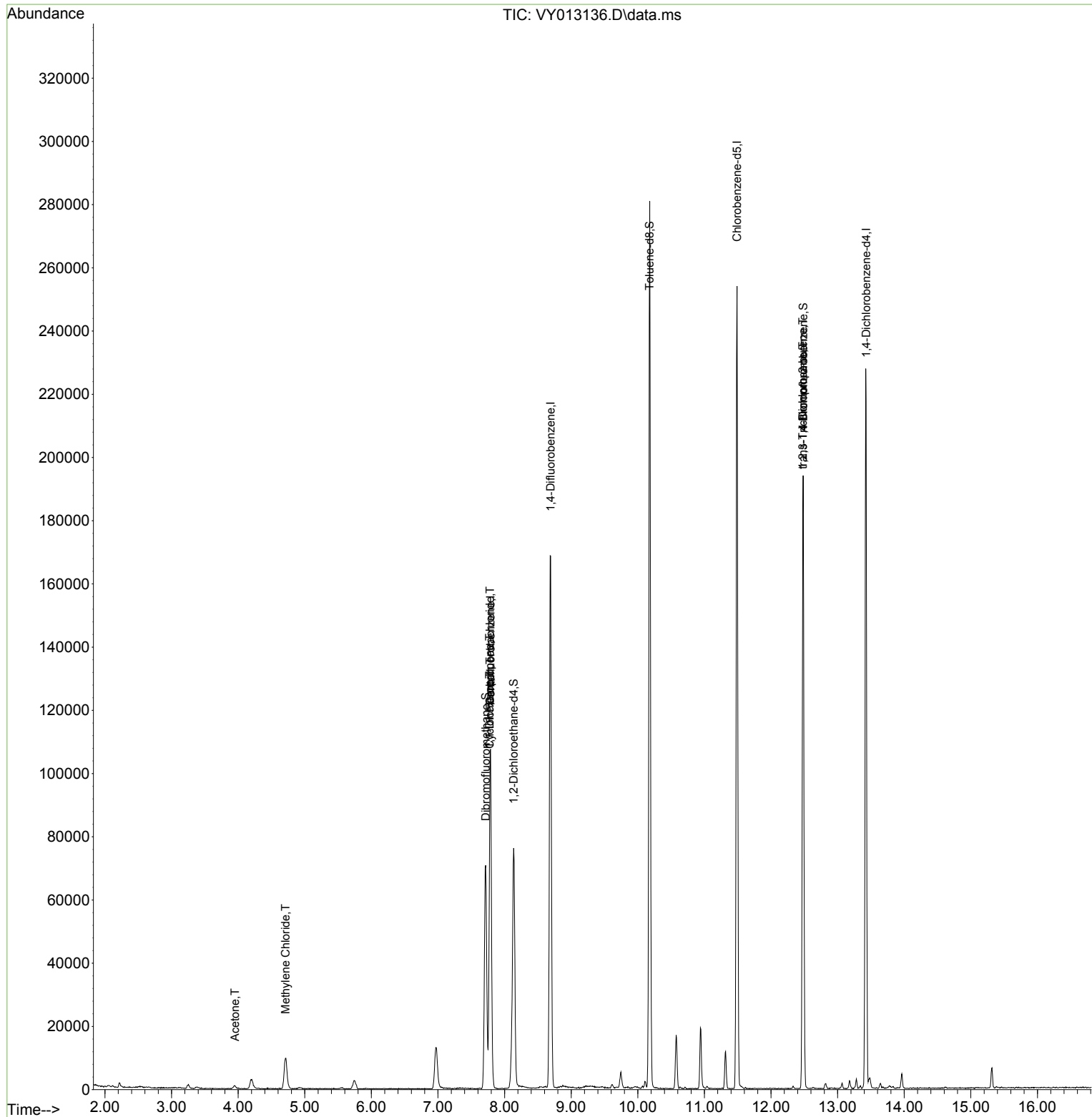
Internal Standards						
1) Pentafluorobenzene	7.789	168	84705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55348	65.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.620%	
35) Dibromofluoromethane	7.715	113	51232	59.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.380%	
50) Toluene-d8	10.178	98	174827	55.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.500%	
62) 4-Bromofluorobenzene	12.483	95	52662	49.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.620%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.923	59	230	Below Cal	#	74
16) Acetone	3.954	43	1768	5.356	ug/l #	76
20) Methylene Chloride	4.710	84	6877	1.629	ug/l	94
31) Cyclohexane	7.776	56	1937	1.203	ug/l #	42
36) 1,1-Dichloropropene	7.776	75	6650	4.585	ug/l #	49
38) Carbon Tetrachloride	7.783	117	8234	5.497	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	28022	40.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28022	82.932	ug/l #	13

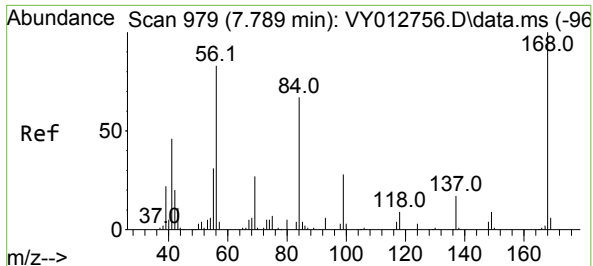
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

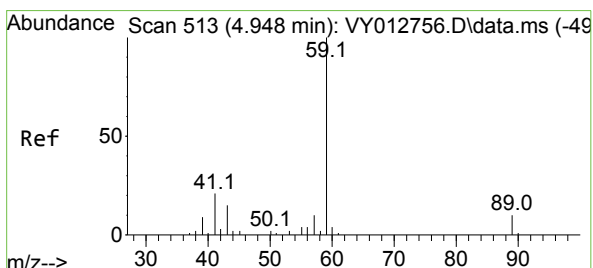
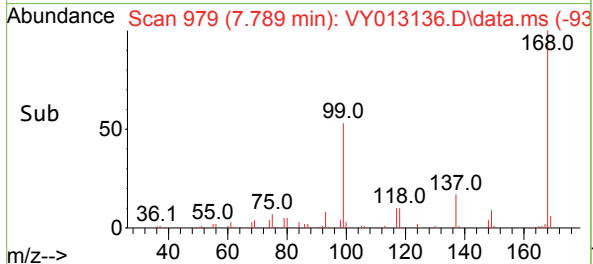
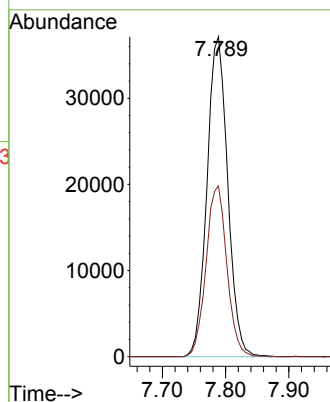
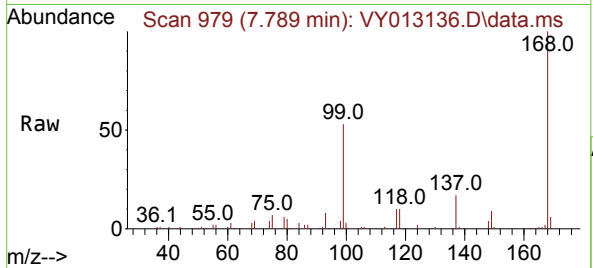




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

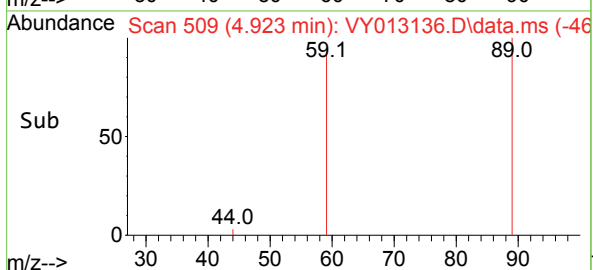
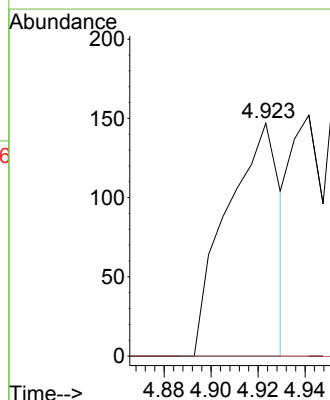
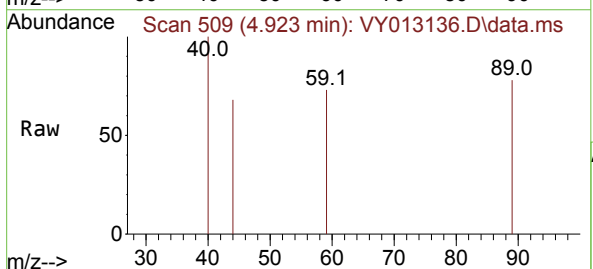
Instrument :
MSVOA_Y
ClientSampleId :
RS-D

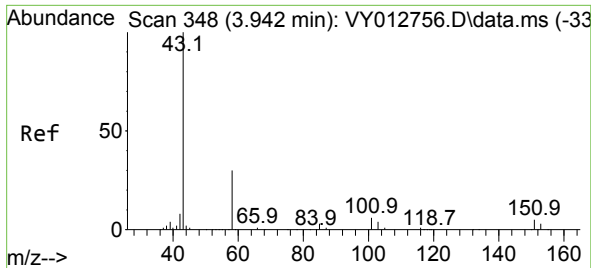
Tgt Ion:168 Resp: 84705
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 5.356 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

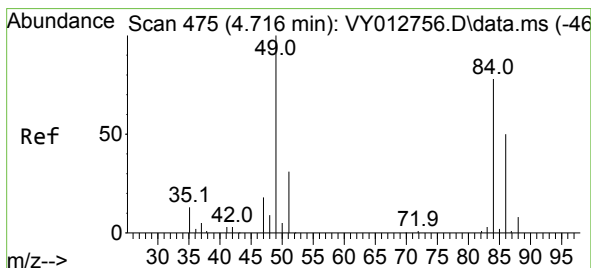
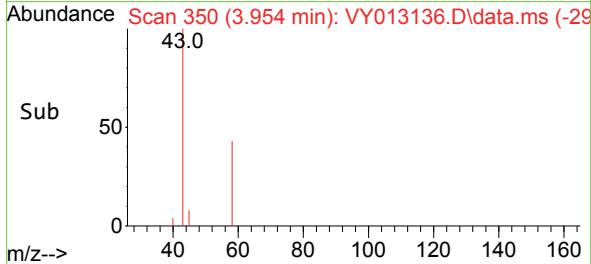
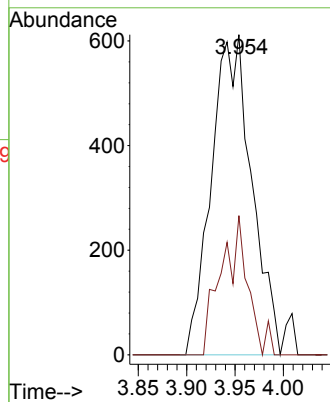
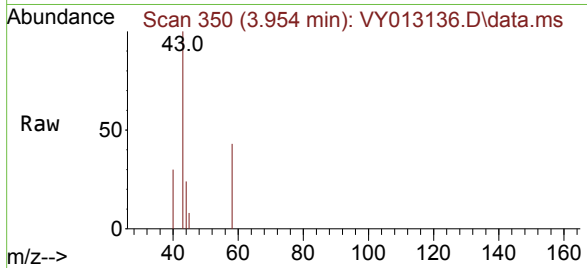
RS-D

Tgt Ion: 43 Resp: 1768

Ion Ratio Lower Upper

43 100

58 43.5 24.2 36.2#



#20

Methylene Chloride

Concen: 1.629 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Tgt Ion: 84 Resp: 6877

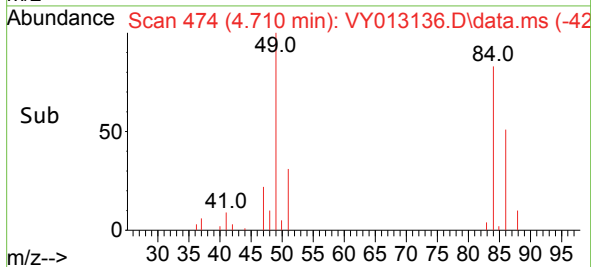
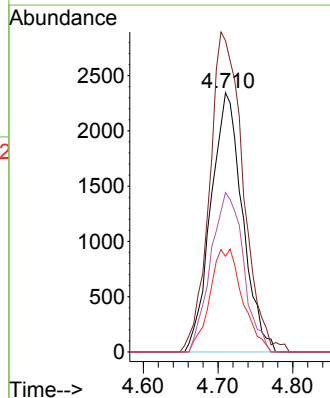
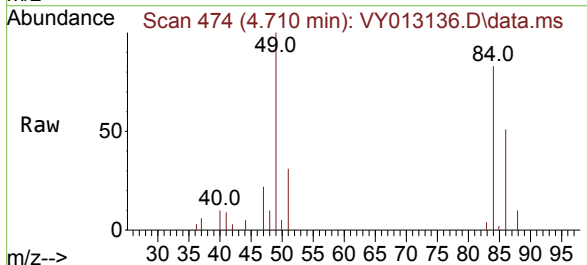
Ion Ratio Lower Upper

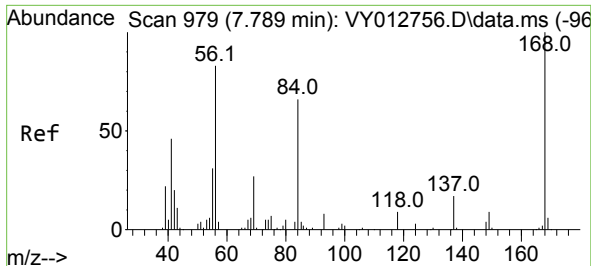
84 100

49 120.1 102.6 154.0

51 36.9 31.9 47.9

86 61.4 51.0 76.6

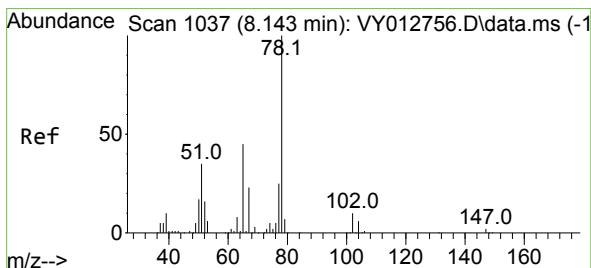
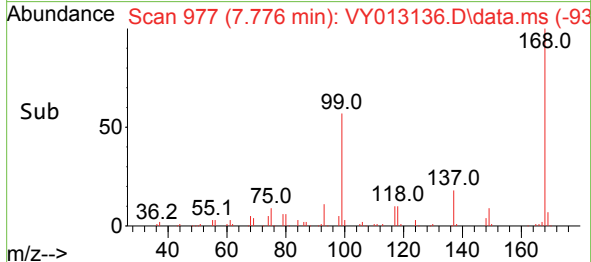
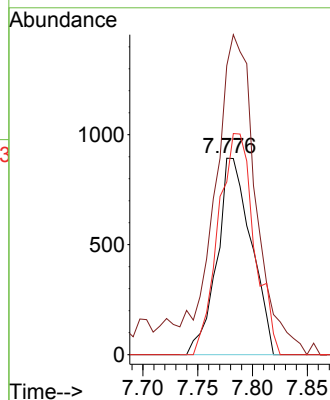
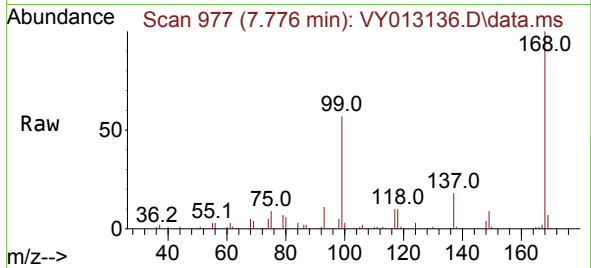




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

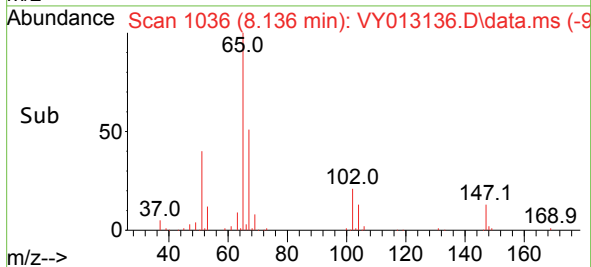
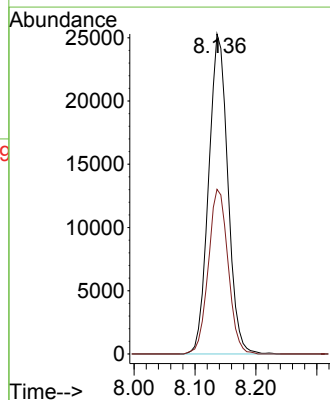
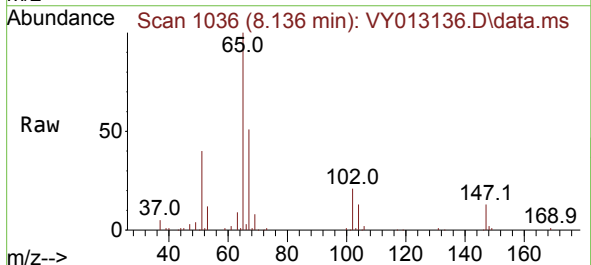
Instrument :
MSVOA_Y
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RS-D

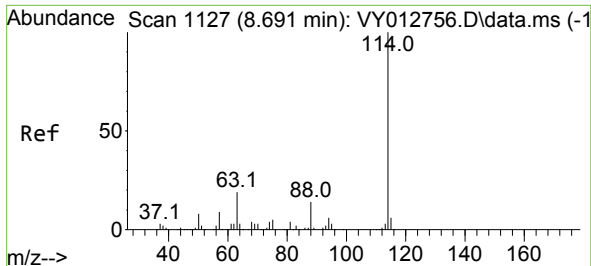
Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 133.0 25.7 38.5#
84 87.9 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 65.811 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 65 Resp: 55348
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

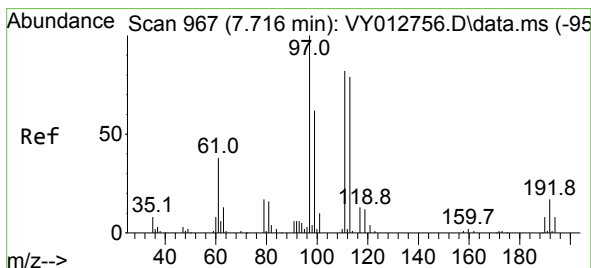
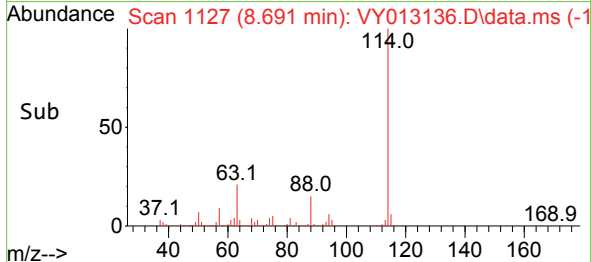
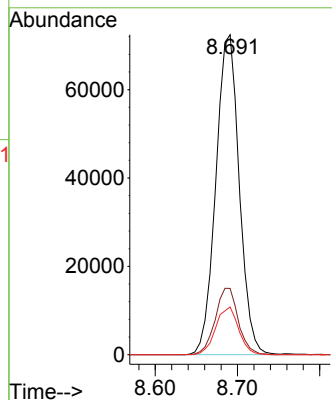
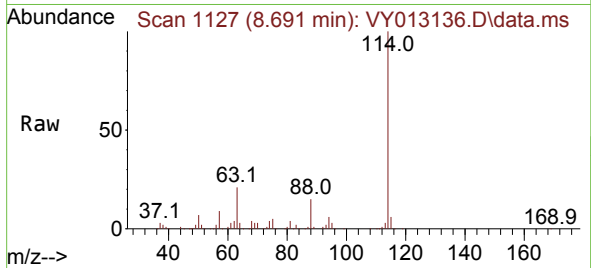




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

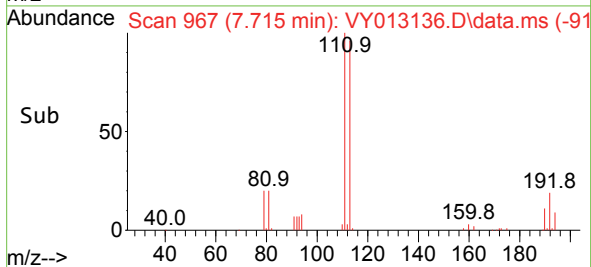
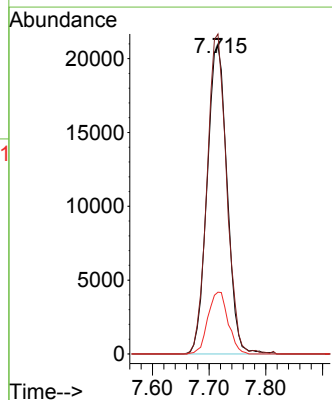
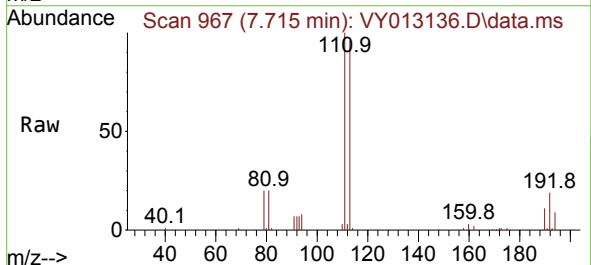
Instrument :
MSVOA_Y
ClientSampleId :
RS-D

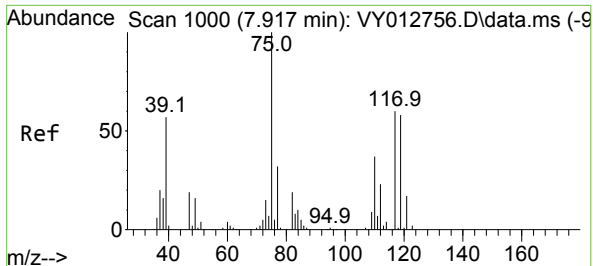
Tgt Ion:114 Resp: 143420
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.191 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion:113 Resp: 51232
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.2 16.8 25.2

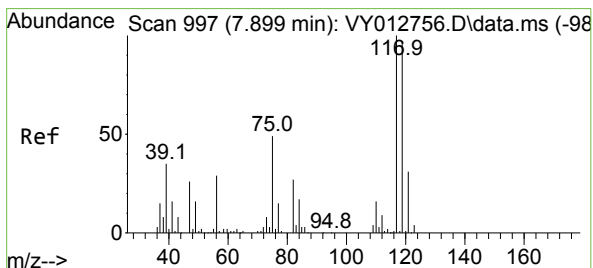
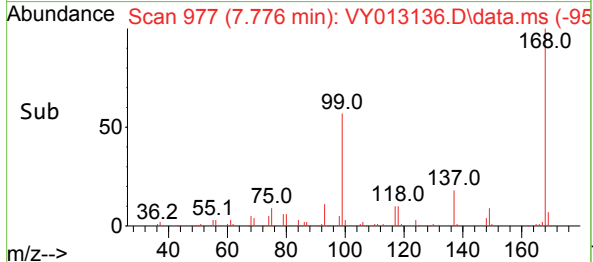
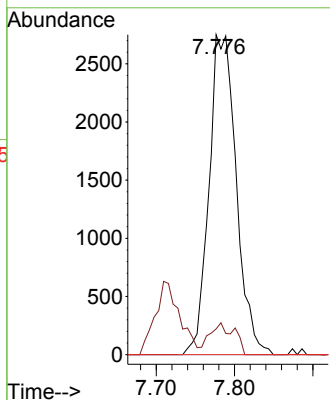
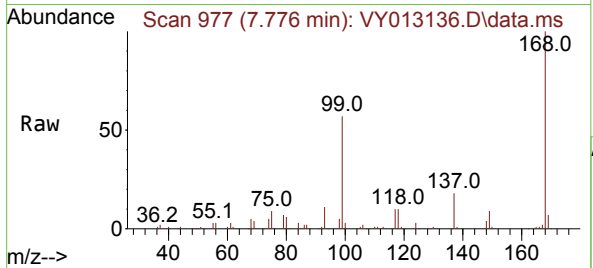




#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.141 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

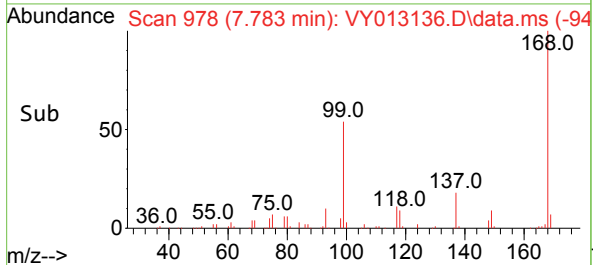
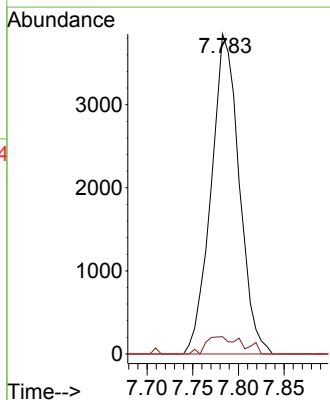
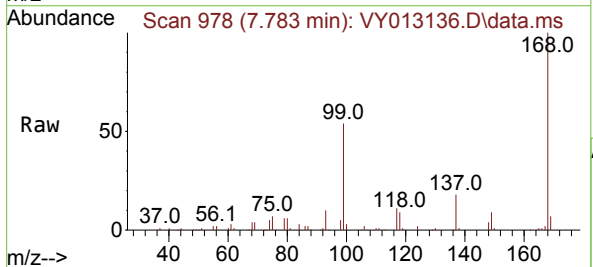
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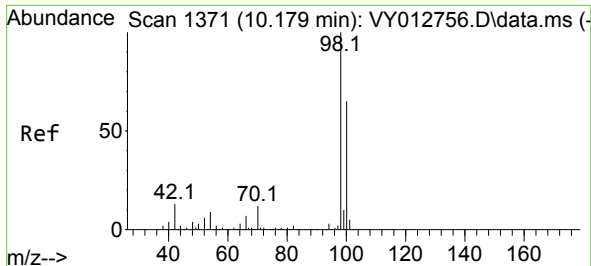
Tgt Ion: 75 Resp: 6650
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 117 Resp: 8234
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.7 37.1#

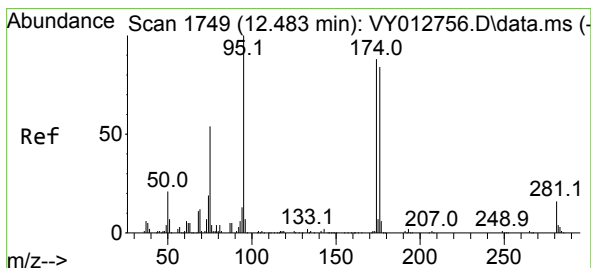
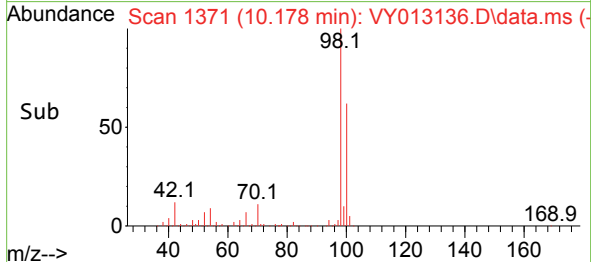
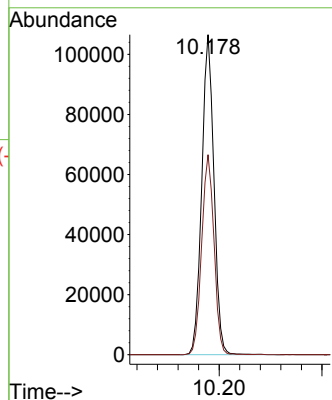
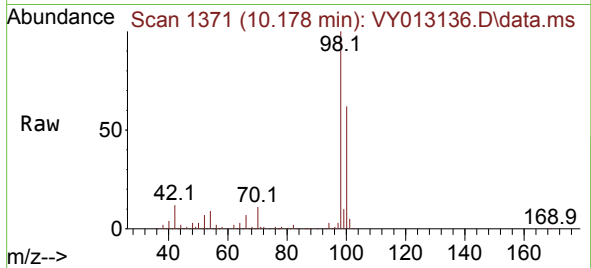




#50
Toluene-d8
Concen: 55.251 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

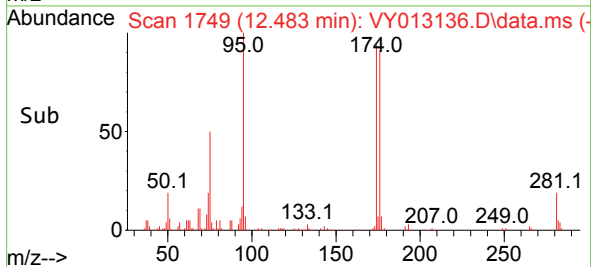
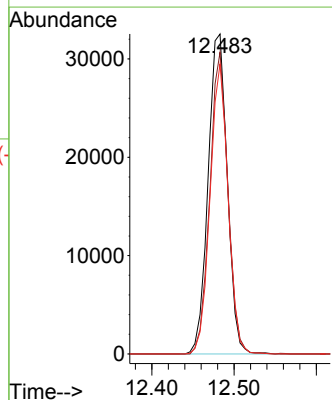
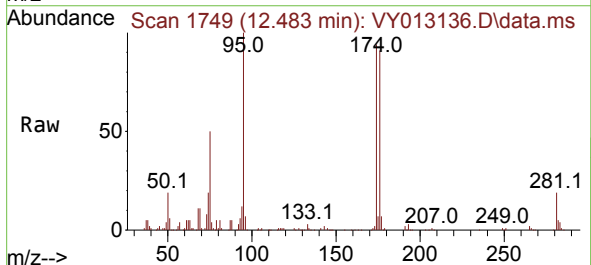
Instrument :
MSVOA_Y
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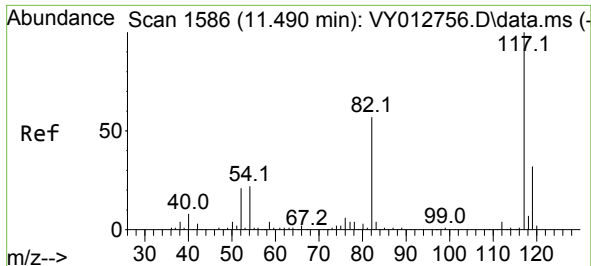
Tgt Ion: 98 Resp: 174827
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.309 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 95 Resp: 52662
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 85.2 0.0 170.2

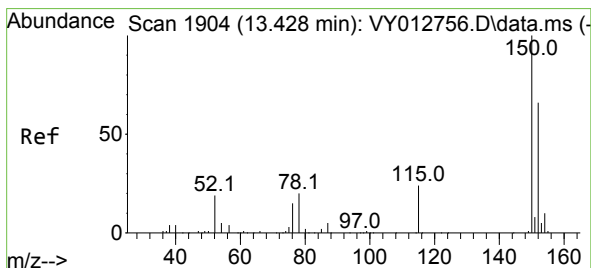
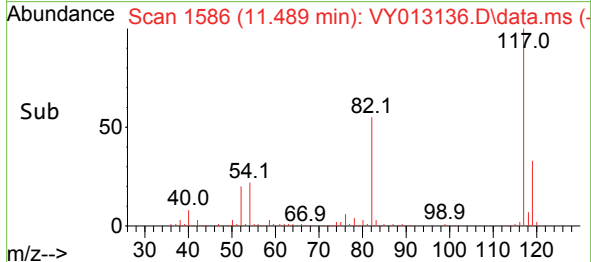
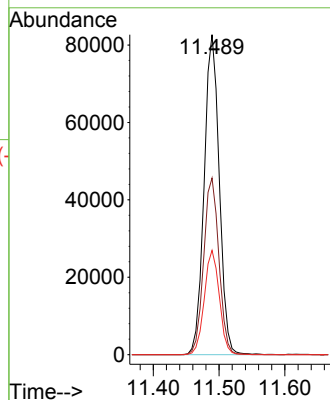
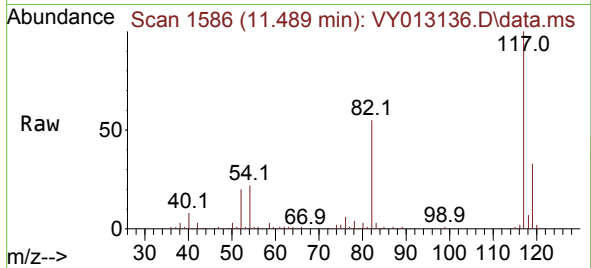




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

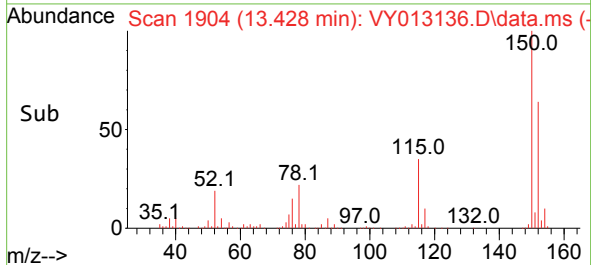
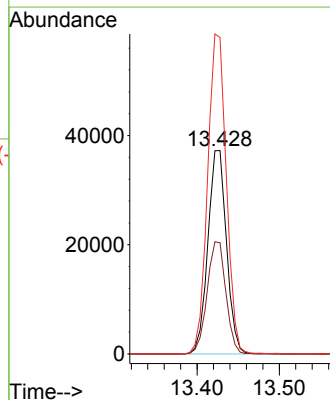
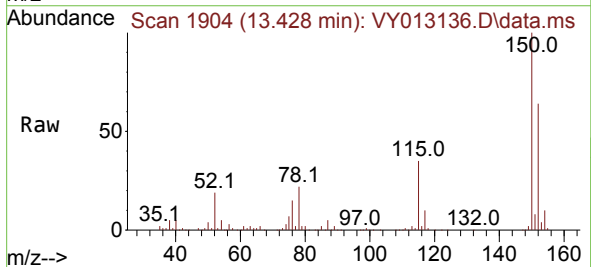
Instrument :
MSVOA_Y
ClientSampleId :
RS-D

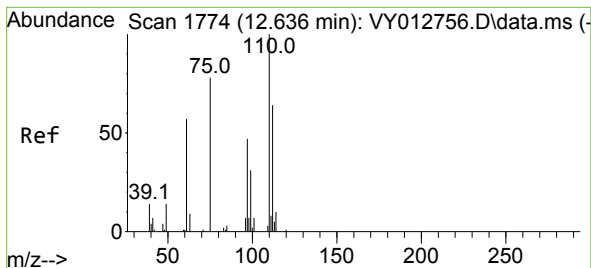
Tgt Ion:117 Resp: 132290
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013136.D
Acq: 29 Mar 2023 17:45

Tgt Ion:152 Resp: 58629
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 157.6 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 40.024 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

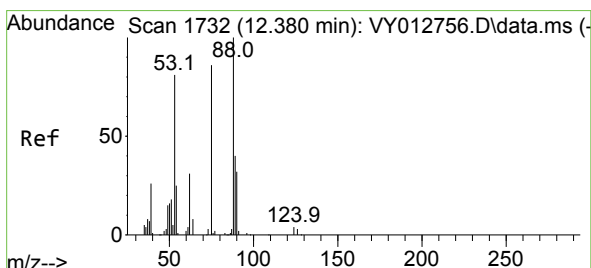
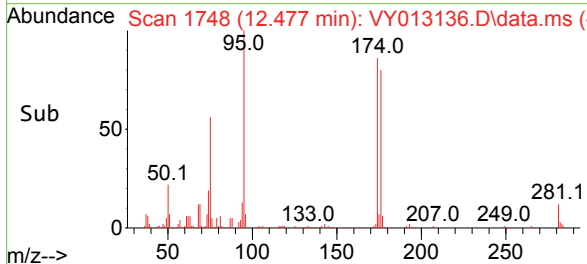
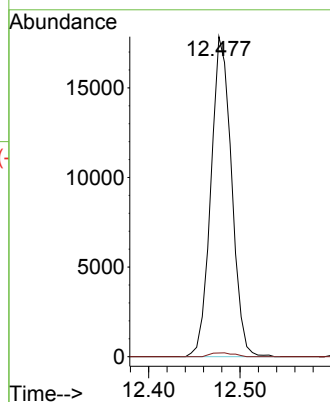
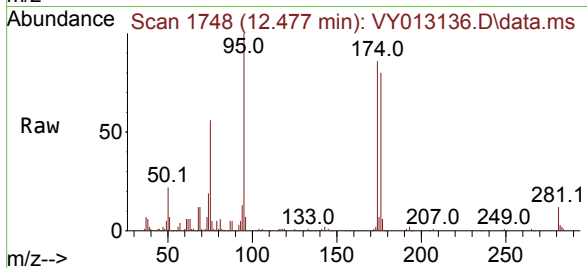
RS-D

Tgt Ion: 75 Resp: 28022

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.932 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013136.D

Acq: 29 Mar 2023 17:45

Tgt Ion: 75 Resp: 28022

Ion Ratio Lower Upper

75 100

53 0.2 73.4 110.0#

89 0.0 36.6 55.0#

