

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012964.D
 Acq On : 16 Mar 2023 12:32
 Operator : KP/MD
 Sample : 01924-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21136

Quant Time: Mar 17 01:34:14 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)

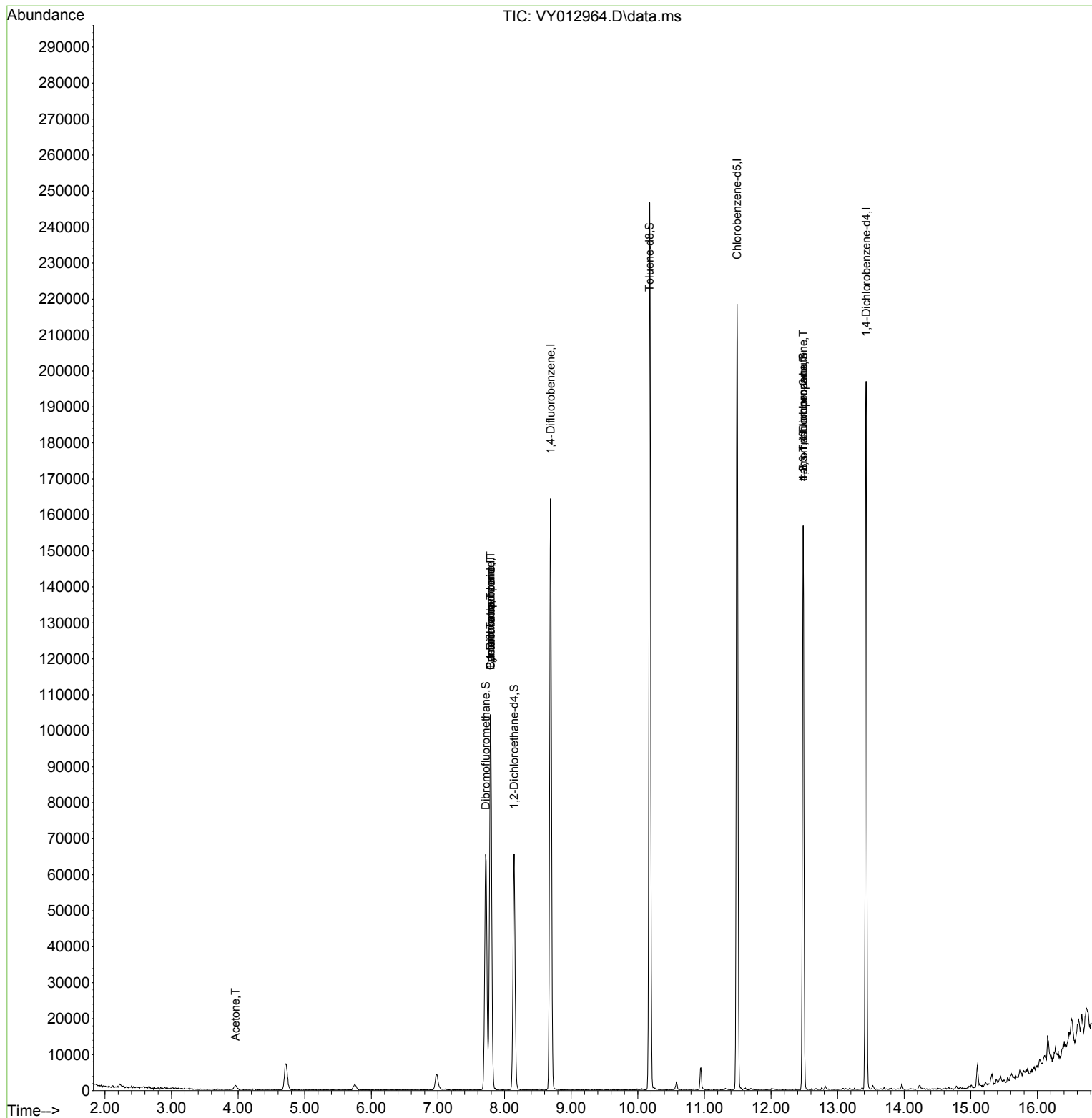
Internal Standards						
1) Pentafluorobenzene	7.789	168	81372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49342	61.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.140%	
35) Dibromofluoromethane	7.716	113	45653	55.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.300%	
50) Toluene-d8	10.179	98	158990	53.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.483	95	45903	45.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	26	Below Cal	#	74
16) Acetone	3.960	43	2565	8.089	ug/l	97
31) Cyclohexane	7.789	56	1656	1.070	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	6007	4.370	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8216	5.788	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	23608	38.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23608	80.144	ug/l #	13

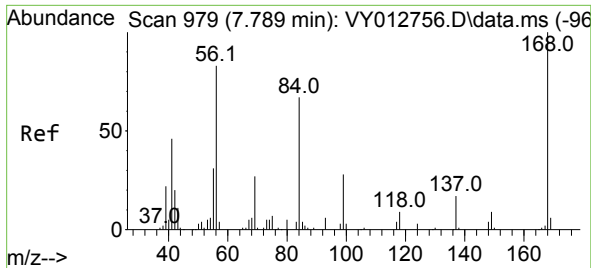
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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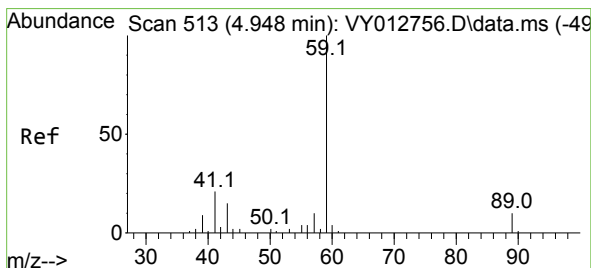
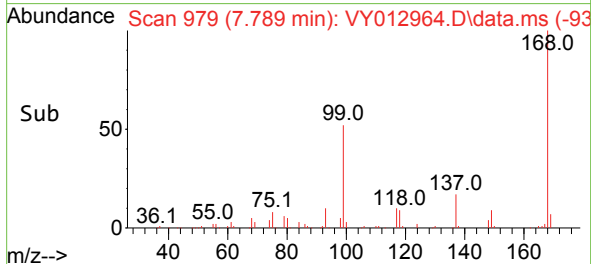
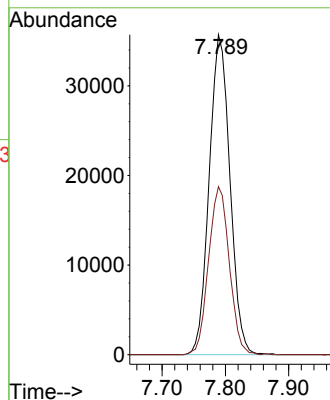
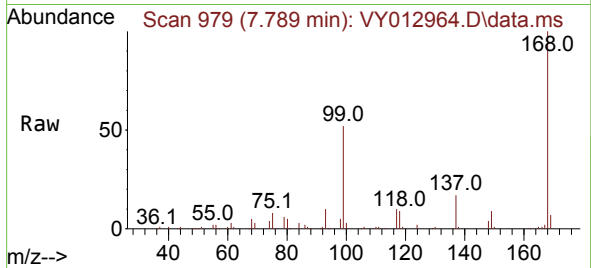




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

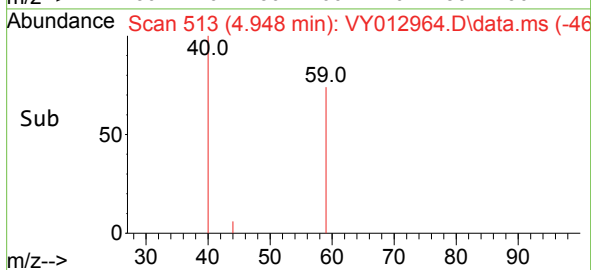
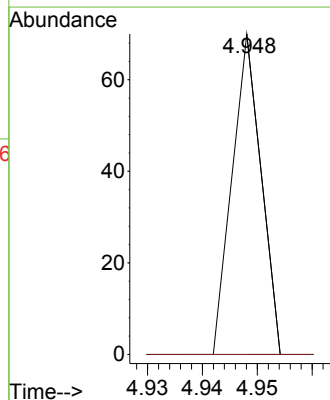
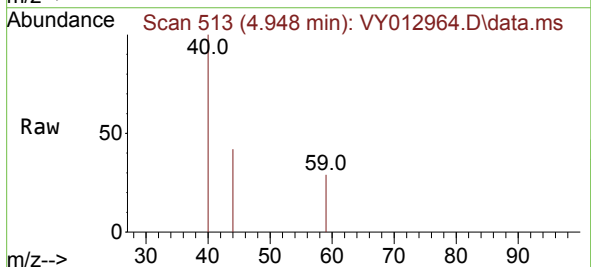
Instrument :
MSVOA_Y
ClientSampleId :
RB21136

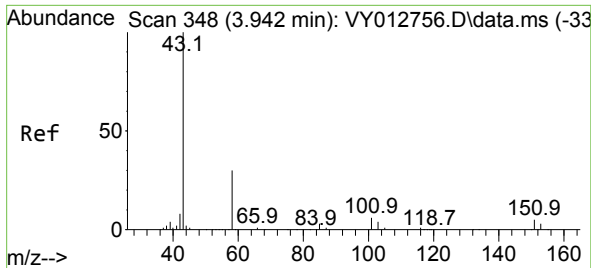
Tgt Ion:168 Resp: 81372
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 8.089 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY012964.D

Acq: 16 Mar 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

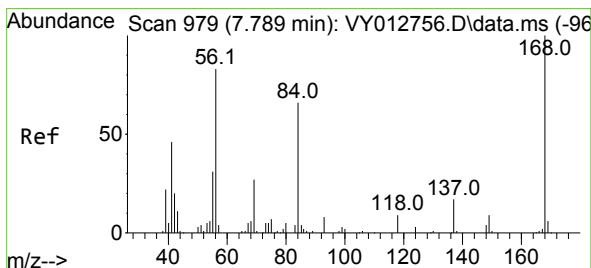
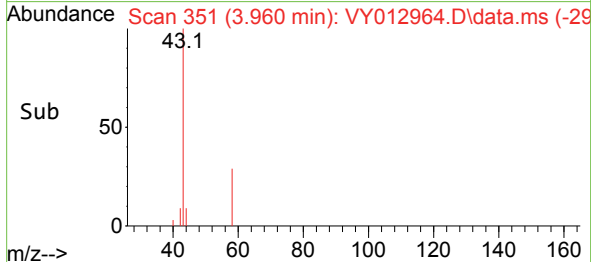
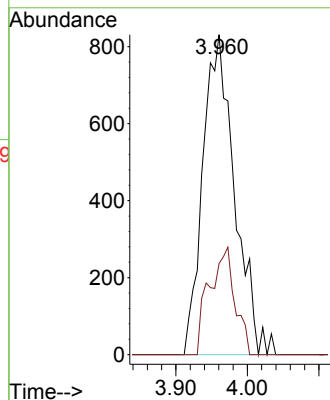
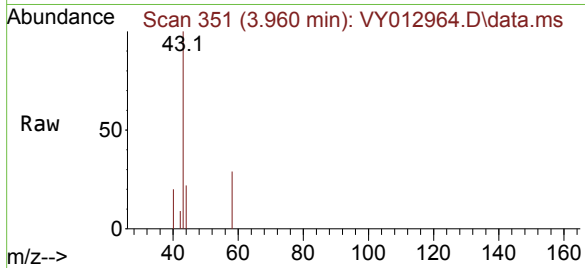
RB21136

Tgt Ion: 43 Resp: 2565

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.2



#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY012964.D

Acq: 16 Mar 2023 12:32

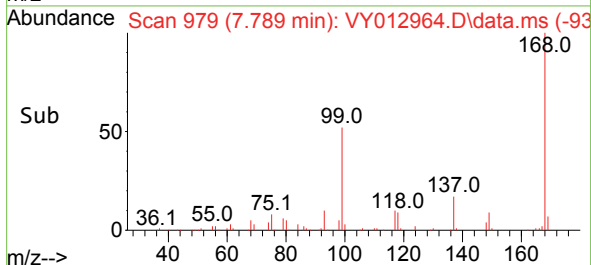
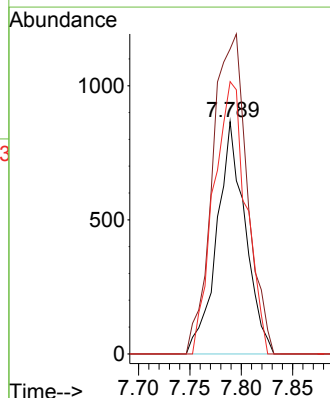
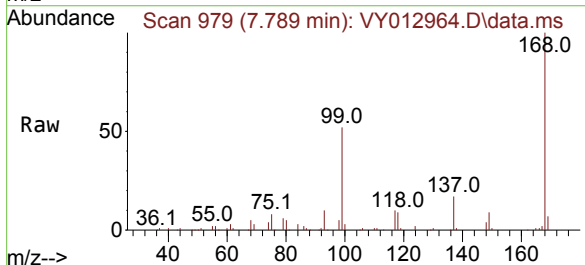
Tgt Ion: 56 Resp: 1656

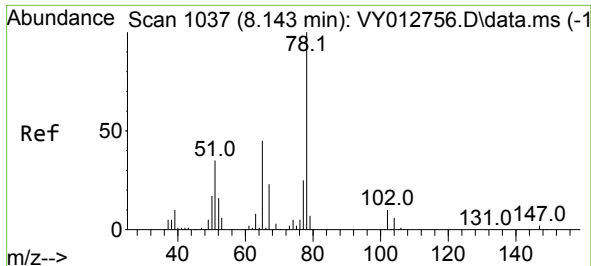
Ion Ratio Lower Upper

56 100

69 131.3 25.7 38.5#

84 117.2 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 61.073 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012964.D

Acq: 16 Mar 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

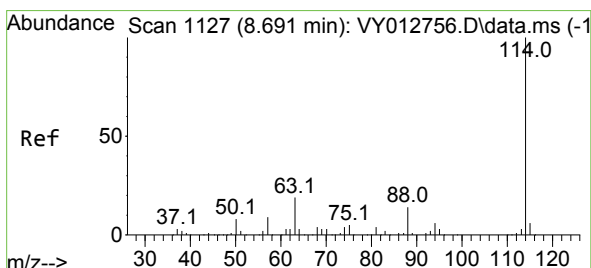
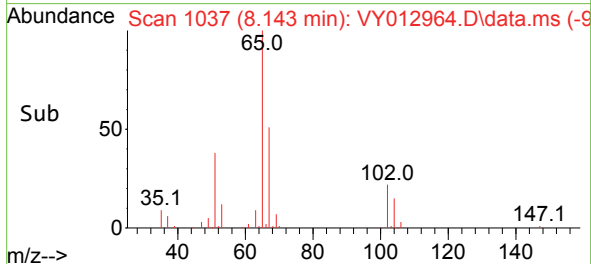
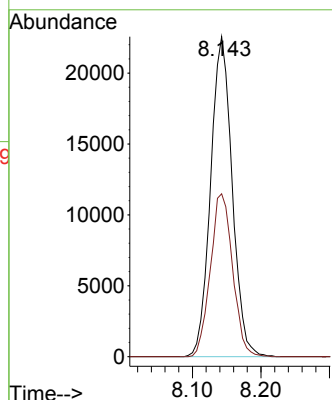
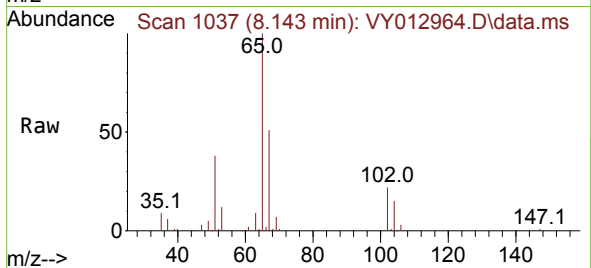
RB21136

Tgt Ion: 65 Resp: 49342

Ion Ratio Lower Upper

65 100

67 52.5 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: VY012964.D

Acq: 16 Mar 2023 12:32

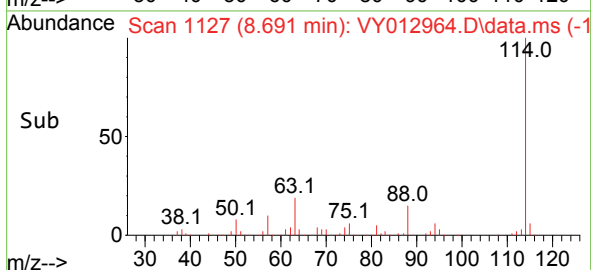
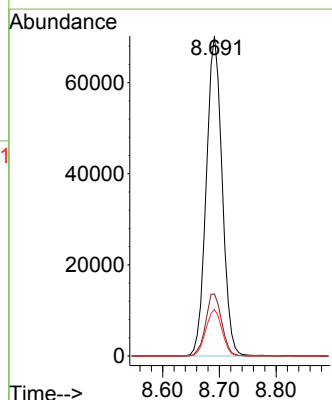
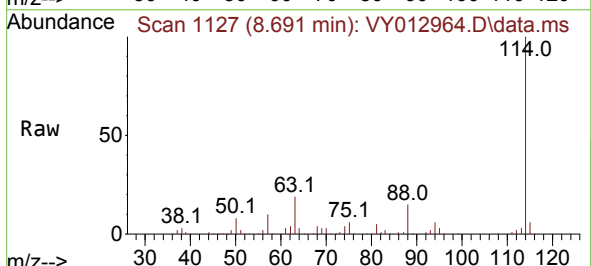
Tgt Ion: 114 Resp: 135923

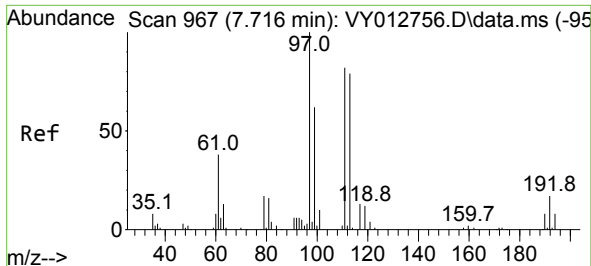
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.6 0.0 28.6

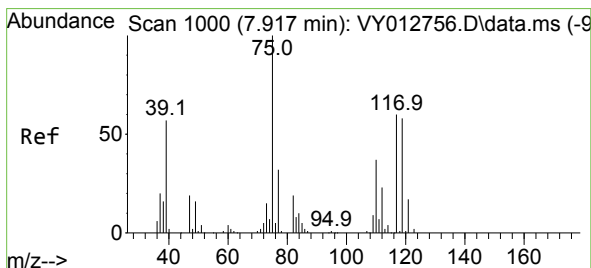
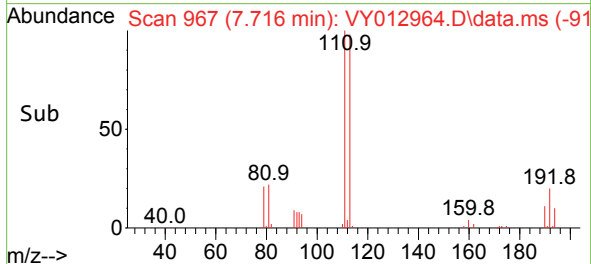
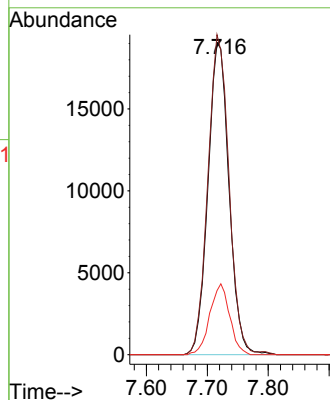
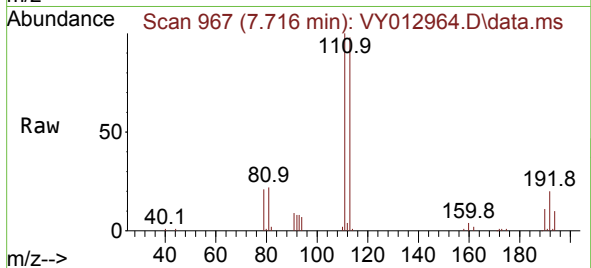




#35
Dibromofluoromethane
Concen: 55.654 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

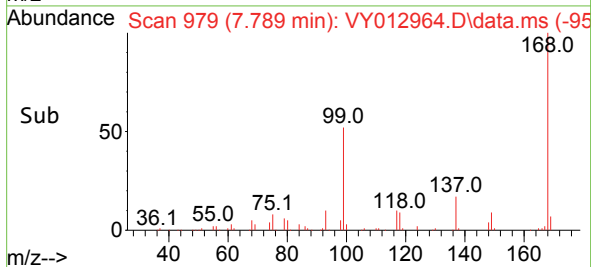
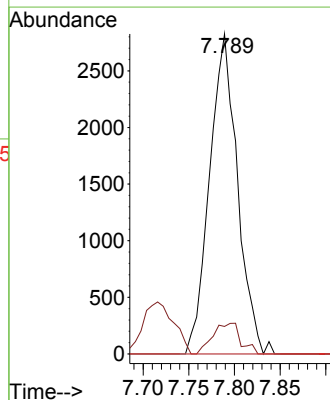
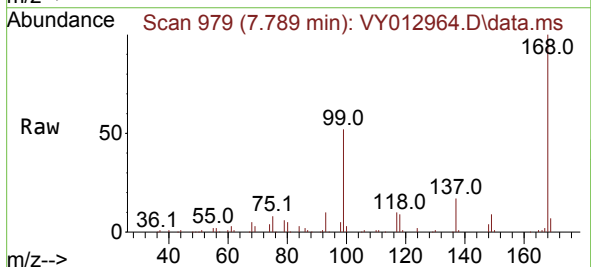
Instrument :
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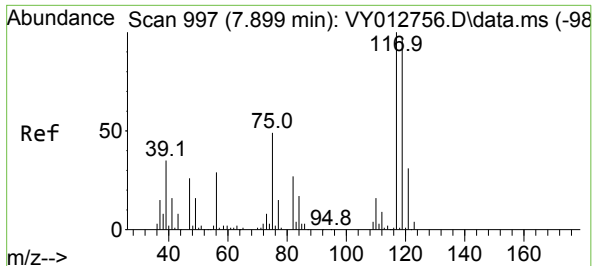
Tgt Ion:113 Resp: 45653
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.370 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

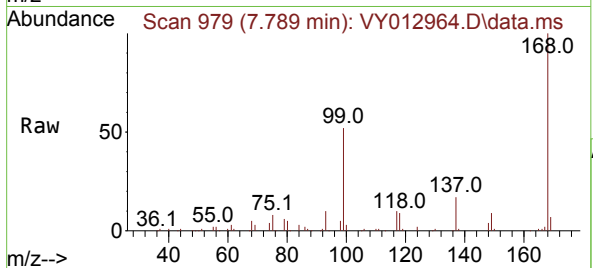
Tgt Ion: 75 Resp: 6007
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#



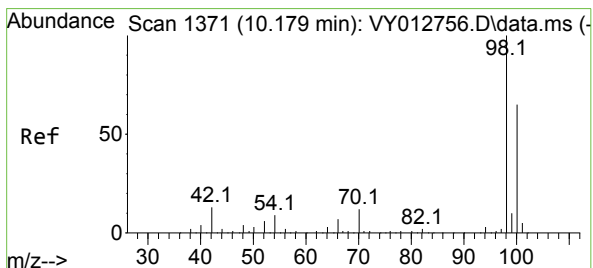
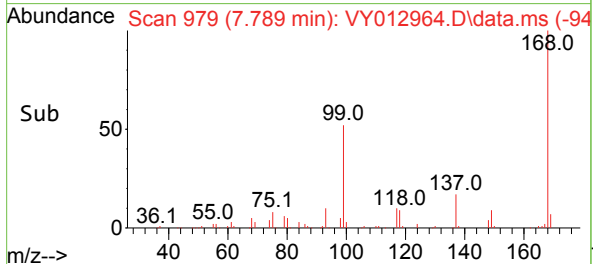
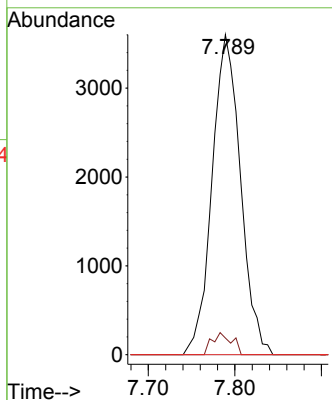


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
RB21136

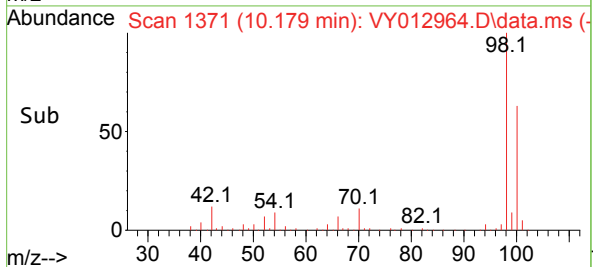
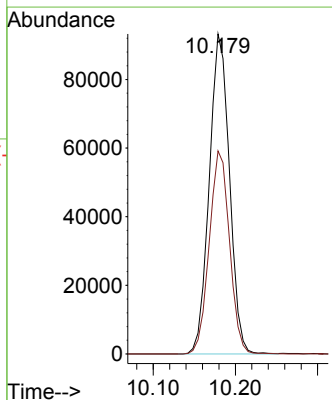
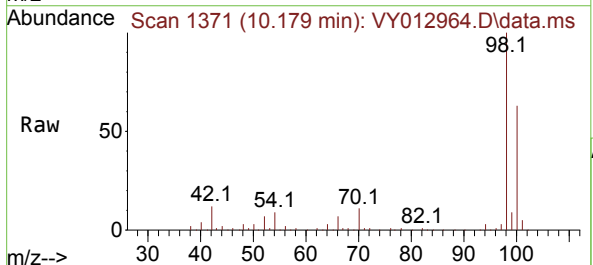


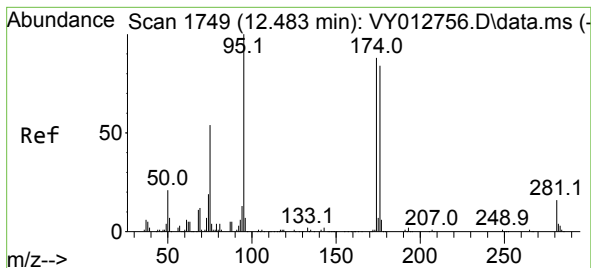
Tgt Ion:117 Resp: 8216
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.017 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion: 98 Resp: 158990
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

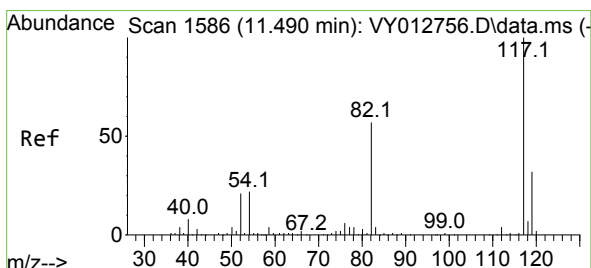
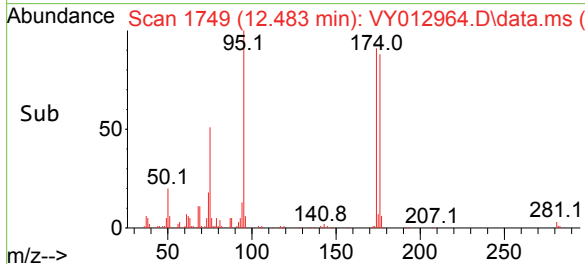
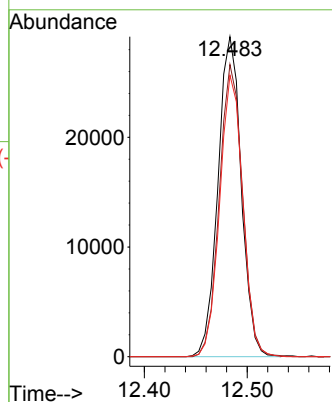
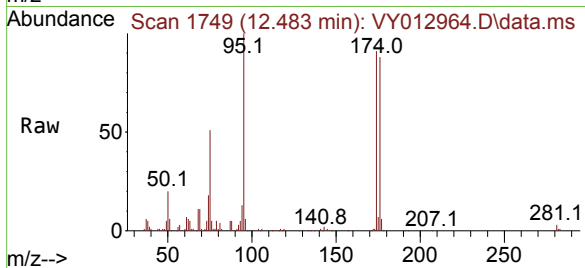




#62
4-Bromofluorobenzene
Concen: 45.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

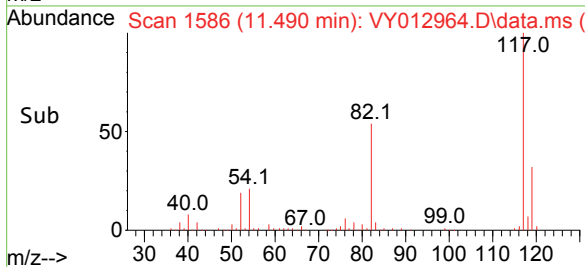
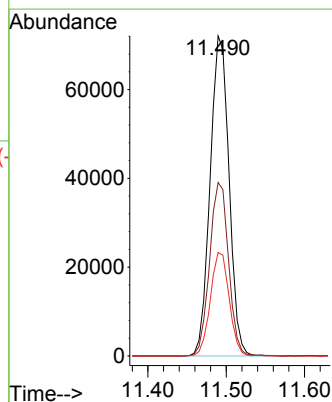
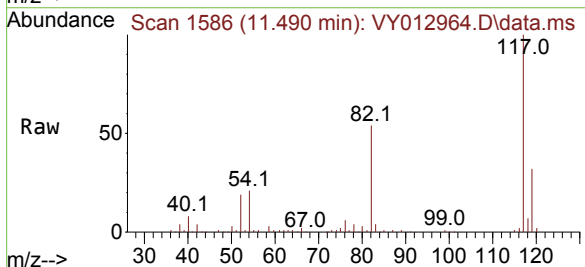
Instrument :
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ClientSampleId :
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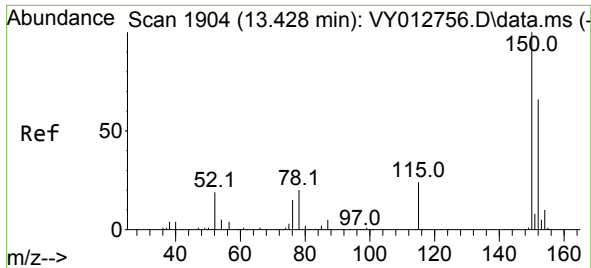
Tgt Ion: 95 Resp: 45903
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.6
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012964.D
Acq: 16 Mar 2023 12:32

Tgt Ion: 117 Resp: 120737
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 32.4 25.6 38.4

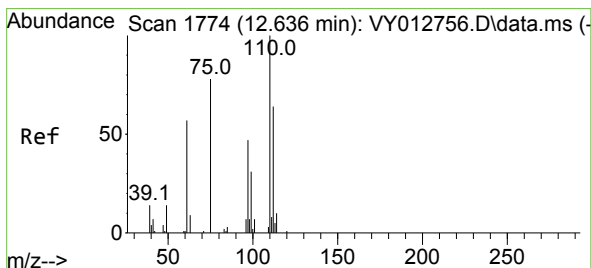
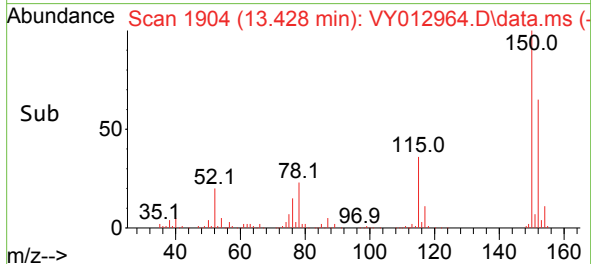
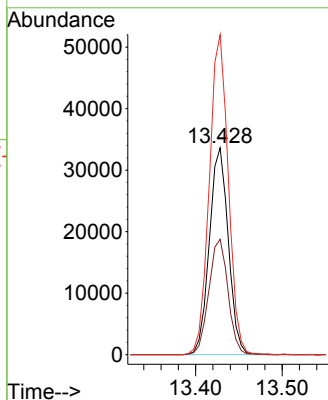
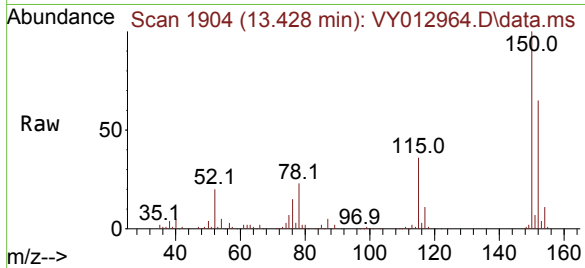




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012964.D
 Acq: 16 Mar 2023 12:32

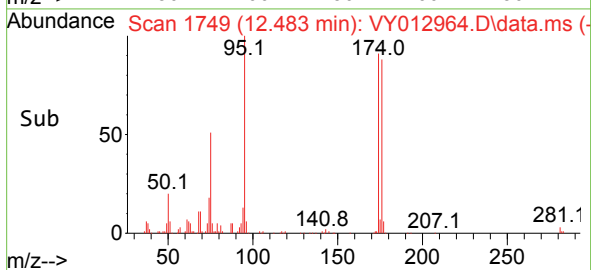
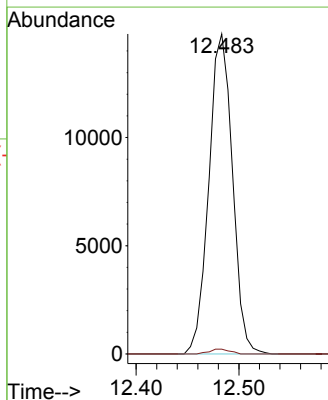
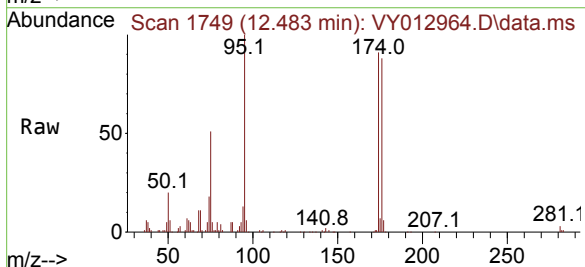
Instrument :
 MSVOA_Y
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 RB21136

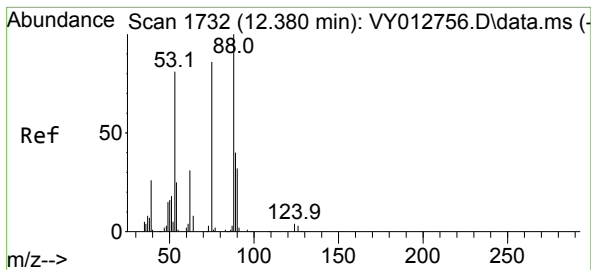
Tgt Ion:152 Resp: 51112
 Ion Ratio Lower Upper
 152 100
 115 56.5 27.1 81.3
 150 154.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 38.679 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012964.D
 Acq: 16 Mar 2023 12:32

Tgt Ion: 75 Resp: 23608
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.144 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012964.D
 Acq: 16 Mar 2023 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21136

Tgt Ion: 75 Resp: 23608
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

