

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012971.D
 Acq On : 16 Mar 2023 15:16
 Operator : KP/MD
 Sample : 01932-13
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6A-031423

Quant Time: Mar 17 01:36:34 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)

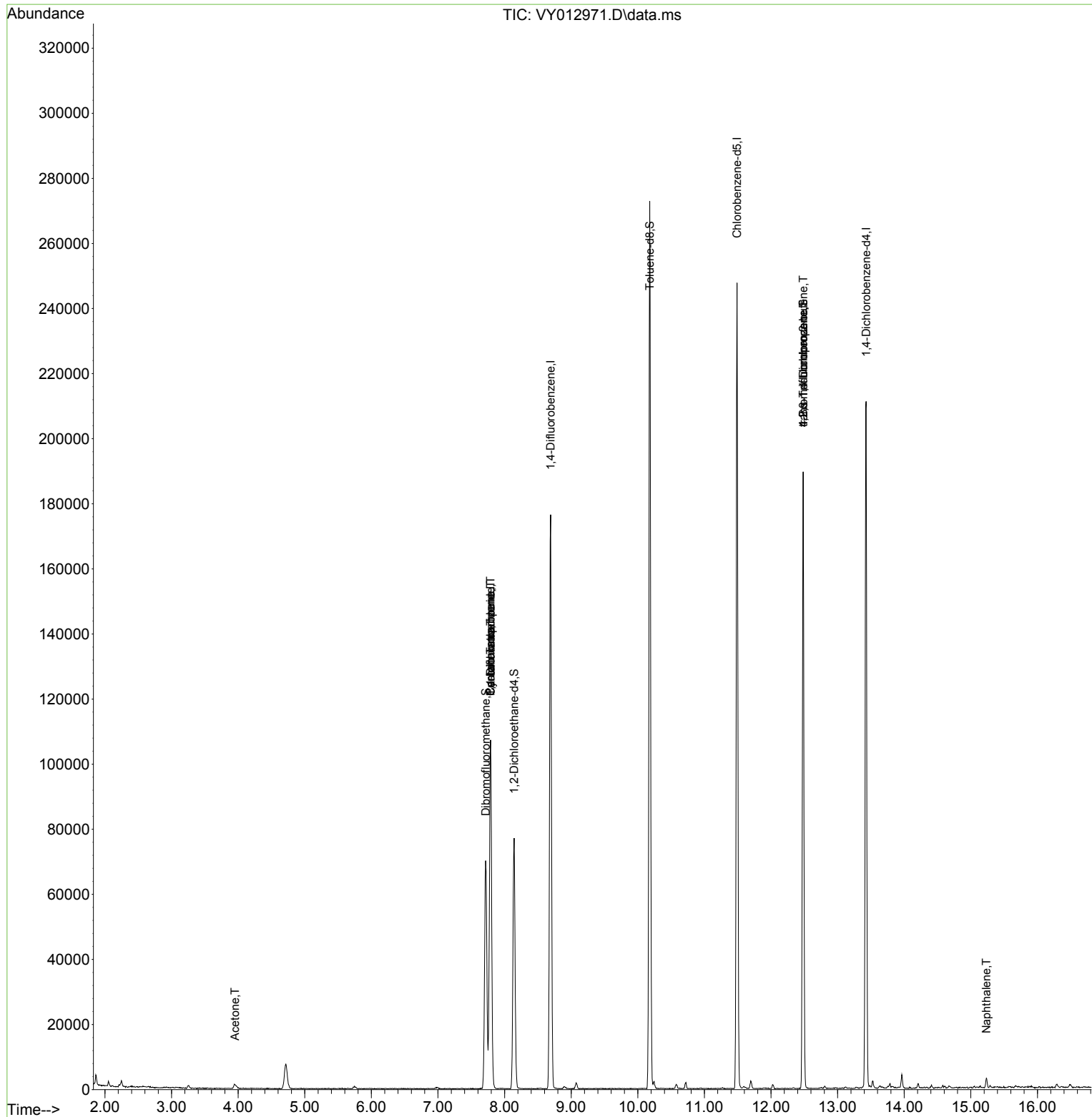
Internal Standards						
1) Pentafluorobenzene	7.789	168	85461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57629	67.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.840%
35) Dibromofluoromethane	7.716	113	50121	56.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.900%
50) Toluene-d8	10.179	98	174460	54.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.483	95	51555	47.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.940%
Target Compounds						
11) Tert butyl alcohol	4.948	59	25	Below Cal	#	74
16) Acetone	3.954	43	2537	7.617	ug/l #	80
20) Methylene Chloride	4.716	84	5421	Below Cal		92
31) Cyclohexane	7.789	56	2062	1.269	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	6712	4.551	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8387	5.507	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27531	41.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27531	85.235	ug/l #	13
95) Naphthalene	15.233	128	2541	1.224	ug/l #	96

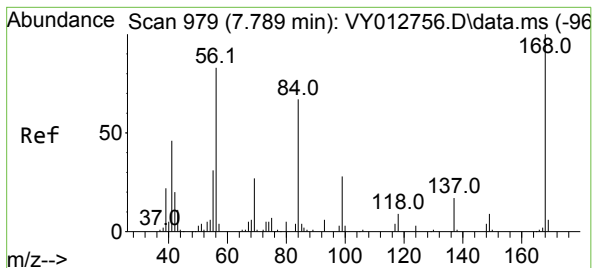
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY012971.D

Acq: 16 Mar 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

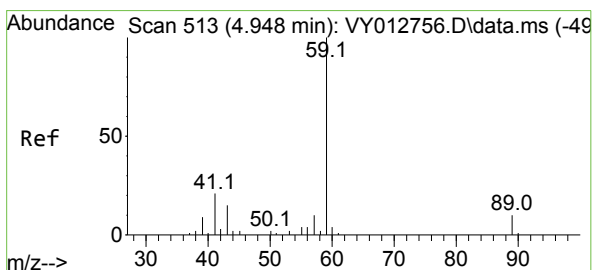
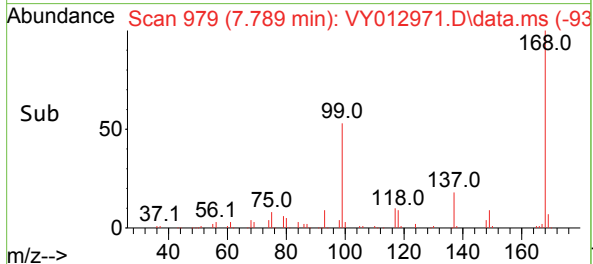
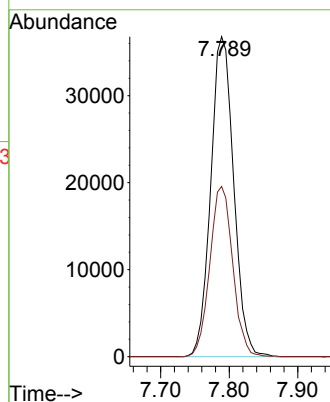
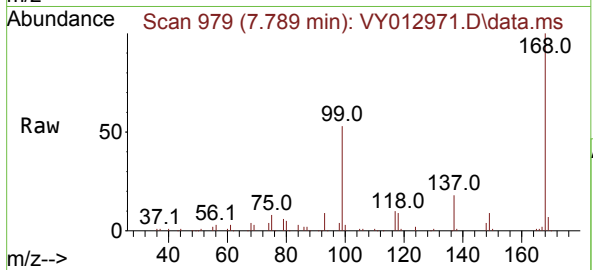
JPP-6A-031423

Tgt Ion:168 Resp: 85461

Ion Ratio Lower Upper

168 100

99 53.2 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: VY012971.D

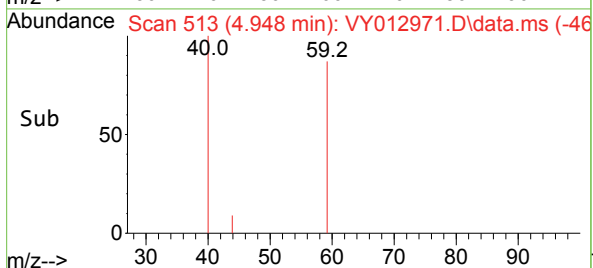
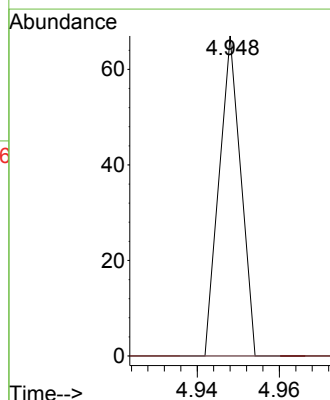
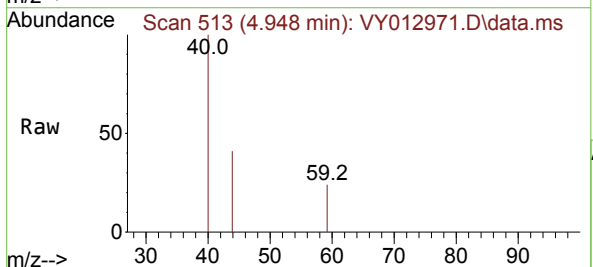
Acq: 16 Mar 2023 15:16

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

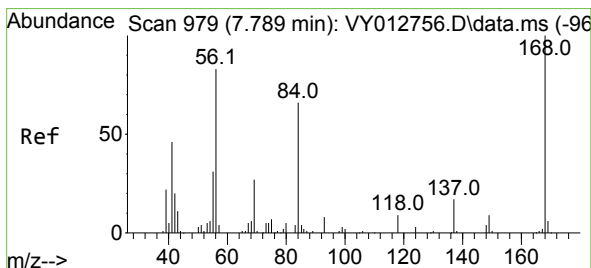
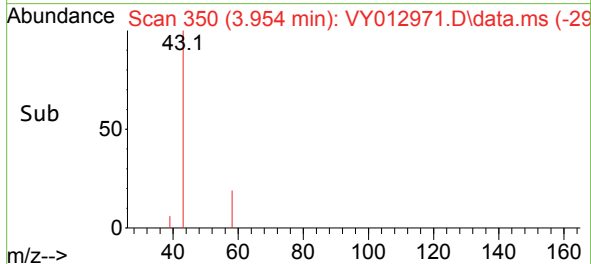
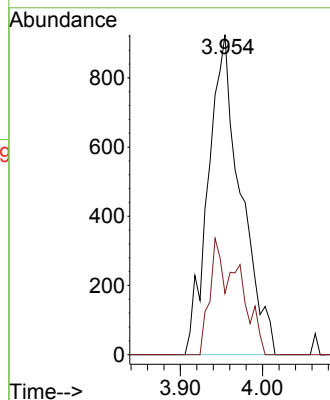
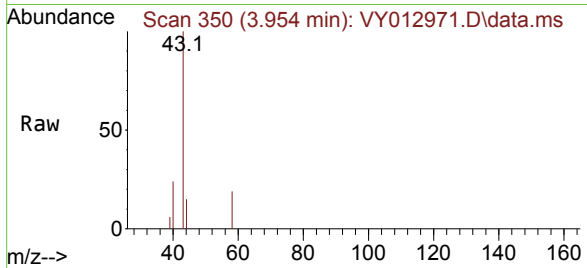




#16
Acetone
Concen: 7.617 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

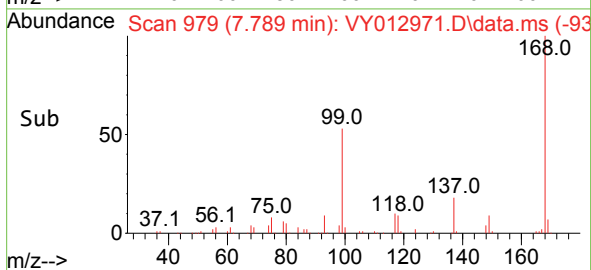
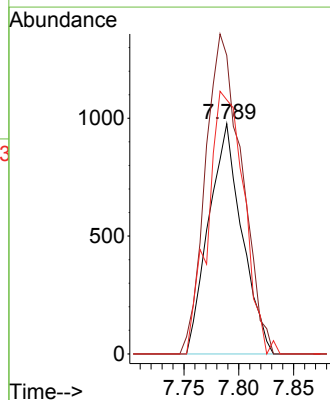
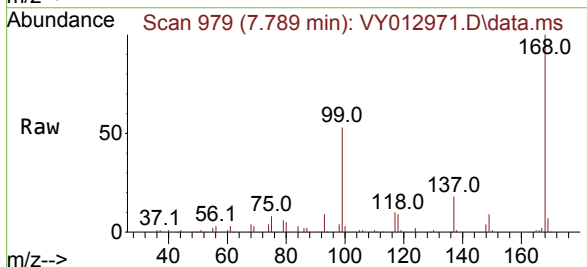
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6A-031423

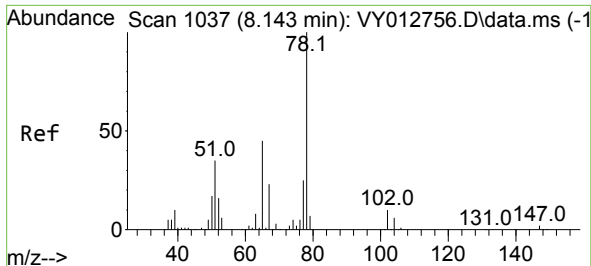
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
58 19.1 24.2 36.2#



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion: 56 Resp: 2062
Ion Ratio Lower Upper
56 100
69 129.7 25.7 38.5#
84 110.3 64.3 96.5#

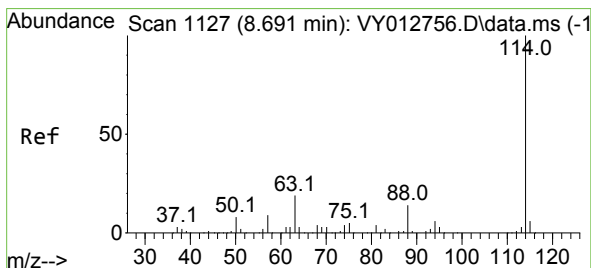
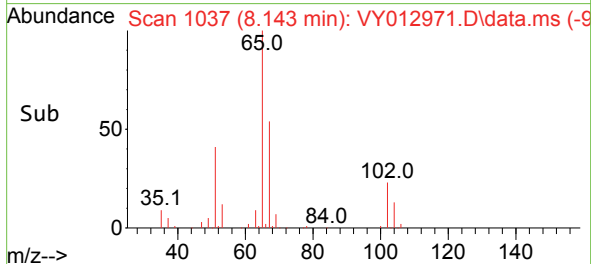
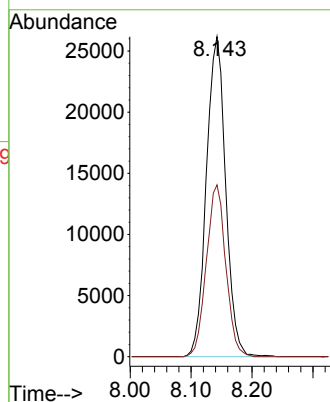
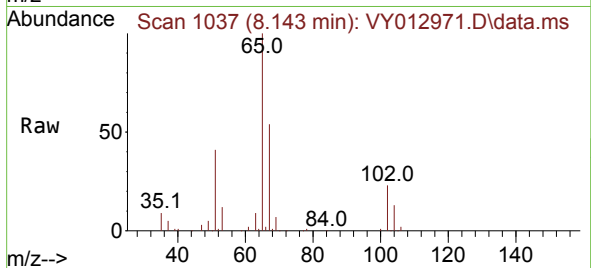




#33
 1,2-Dichloroethane-d4
 Concen: 67.917 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012971.D
 Acq: 16 Mar 2023 15:16

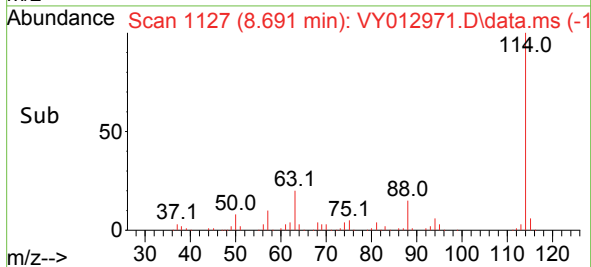
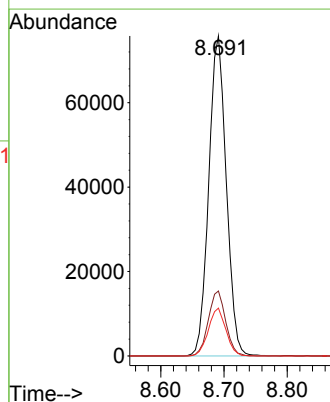
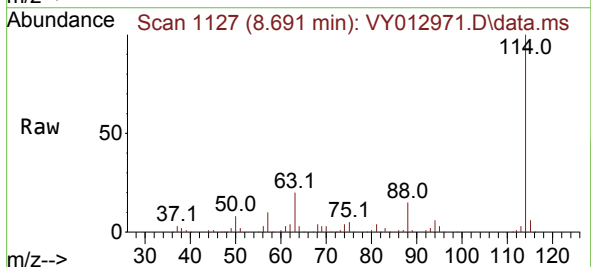
Instrument :
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 ClientSampleId :
 JPP-6A-031423

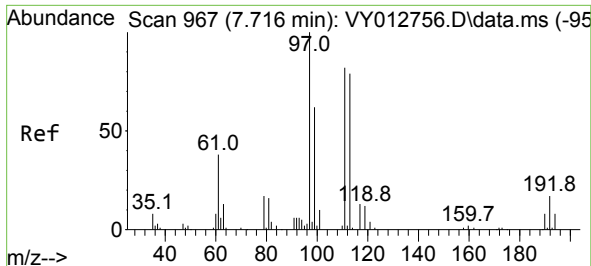
Tgt Ion: 65 Resp: 57629
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012971.D
 Acq: 16 Mar 2023 15:16

Tgt Ion: 114 Resp: 145832
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.0 0.0 28.6

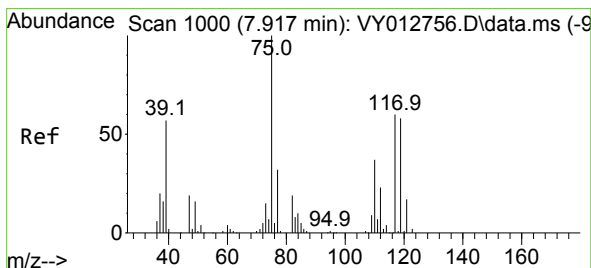
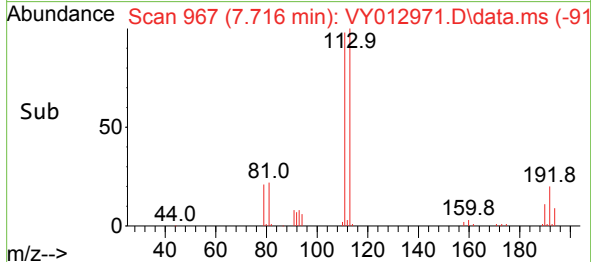
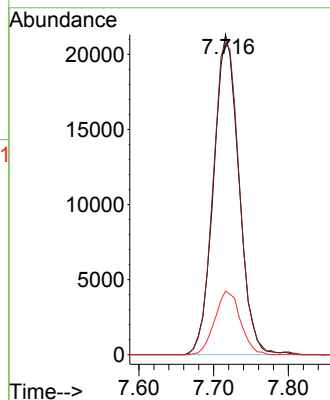
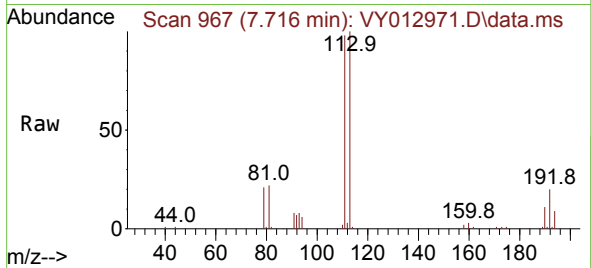




#35
Dibromofluoromethane
Concen: 56.950 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

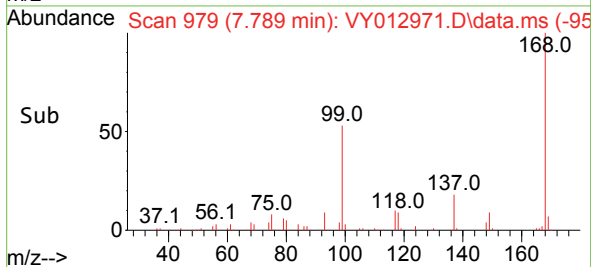
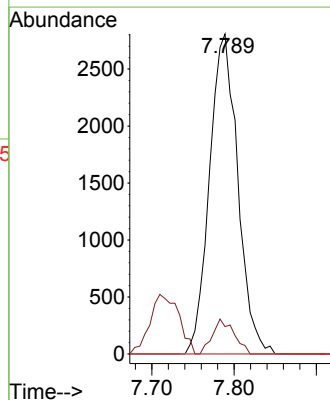
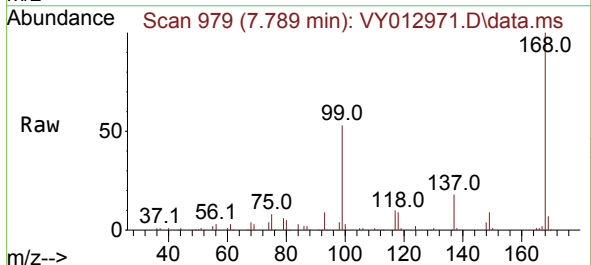
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6A-031423

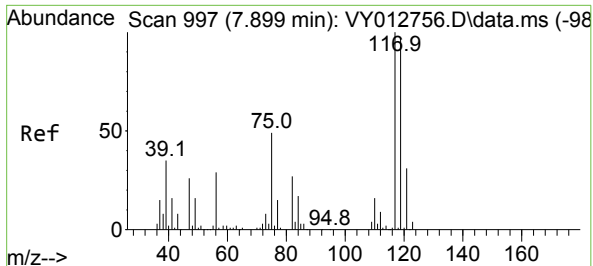
Tgt Ion:113 Resp: 50121
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

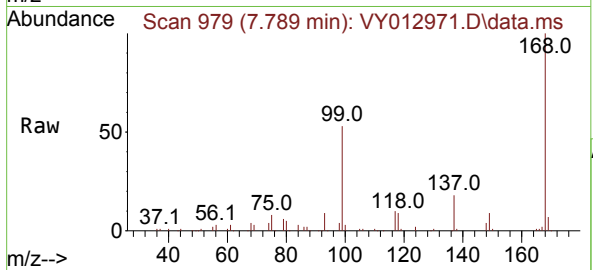
Tgt Ion: 75 Resp: 6712
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



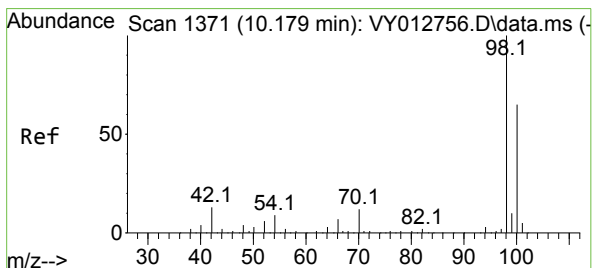
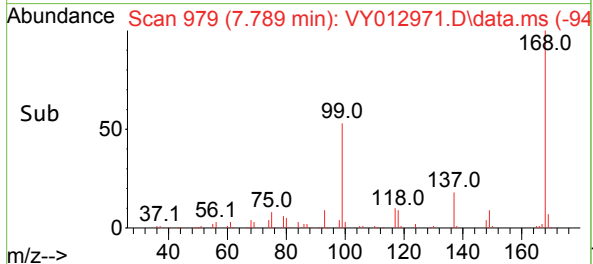
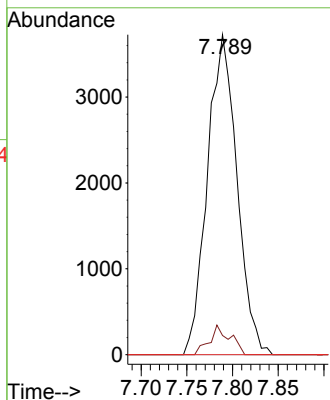


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6A-031423

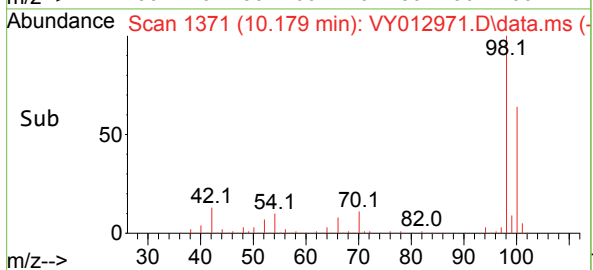
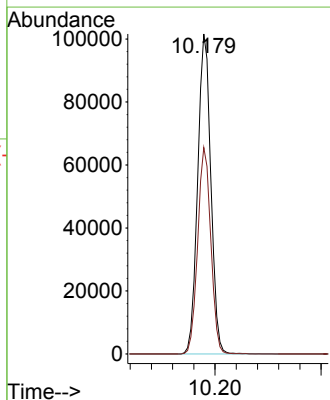
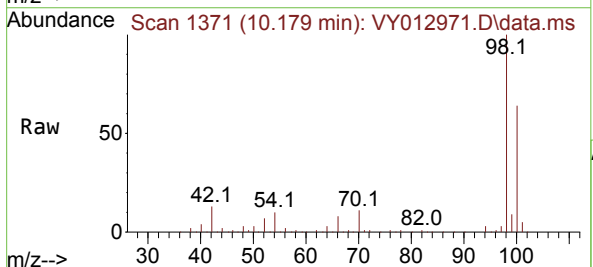


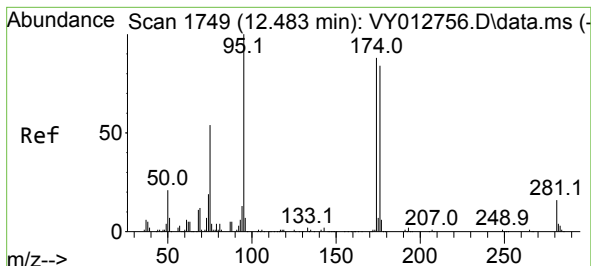
Tgt Ion:117 Resp: 8387
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.223 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion: 98 Resp: 174460
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

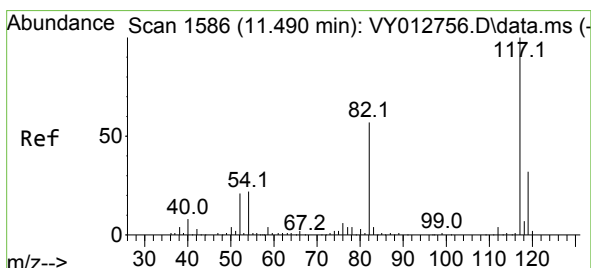
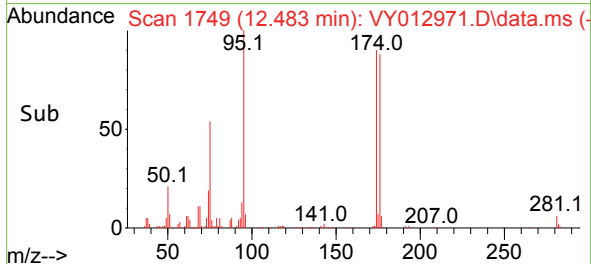
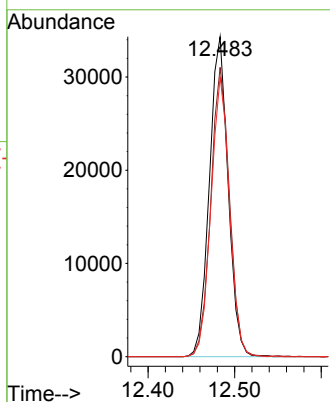
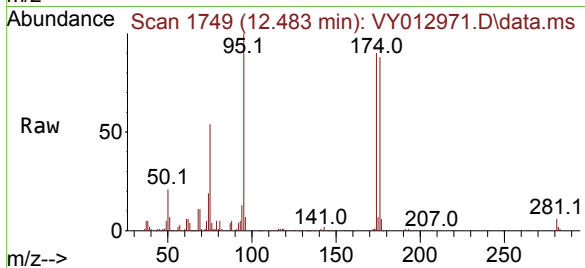




#62
4-Bromofluorobenzene
Concen: 47.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

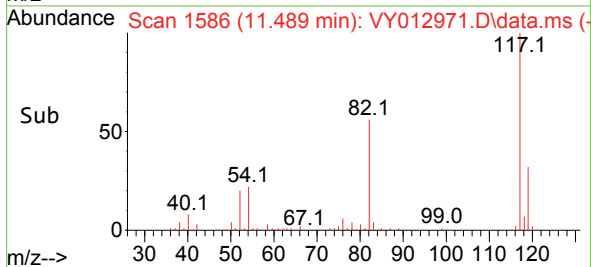
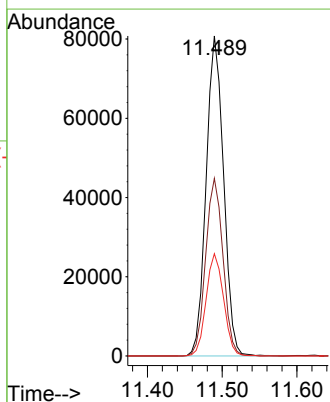
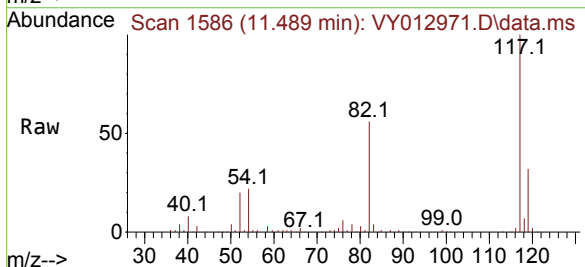
Instrument :
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ClientSampleId :
JPP-6A-031423

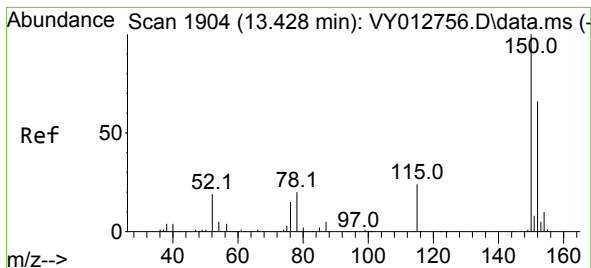
Tgt Ion: 95 Resp: 51555
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion: 117 Resp: 131054
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.9 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: VY012971.D

Acq: 16 Mar 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6A-031423

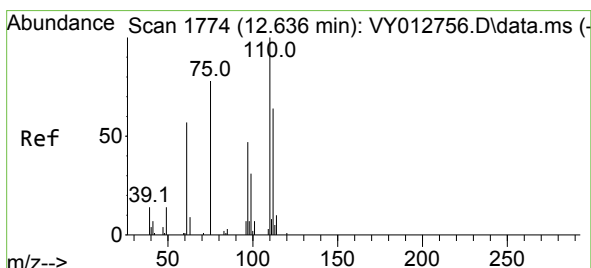
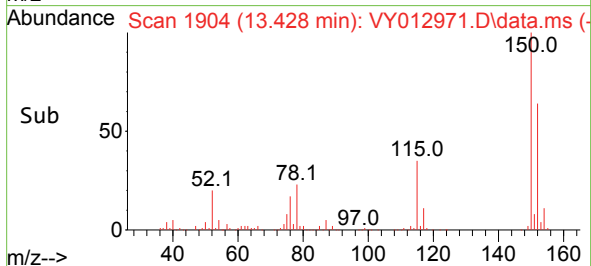
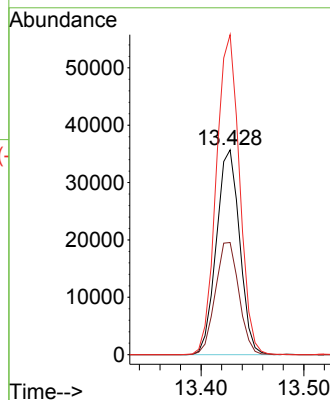
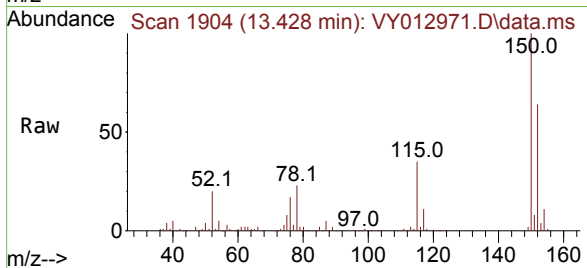
Tgt Ion:152 Resp: 56045

Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 155.6 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 41.136 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012971.D

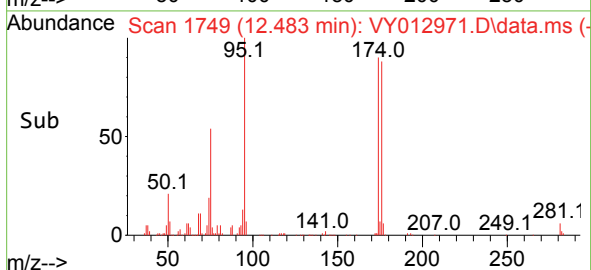
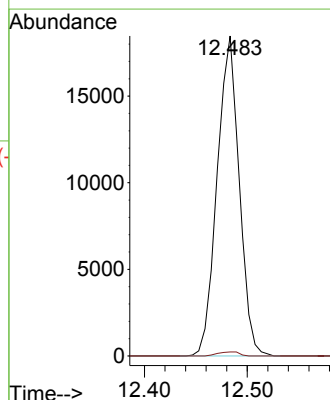
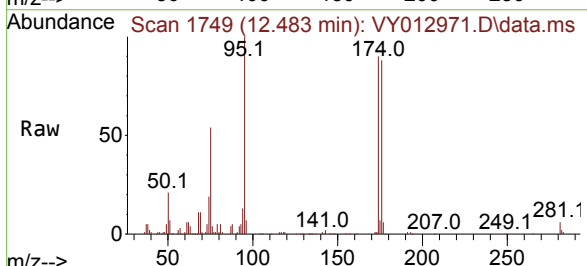
Acq: 16 Mar 2023 15:16

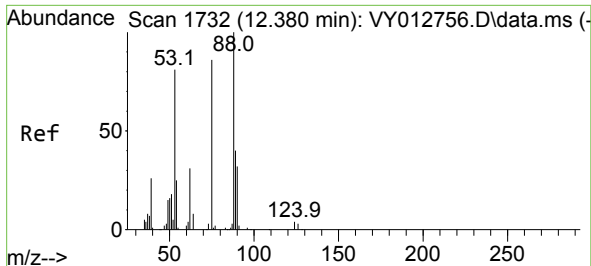
Tgt Ion: 75 Resp: 27531

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

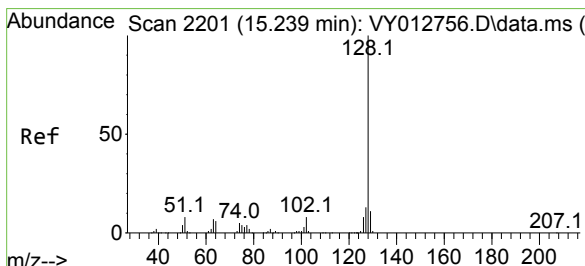
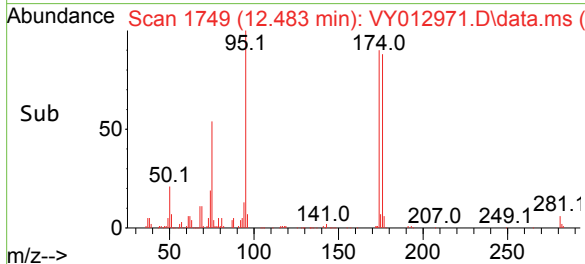
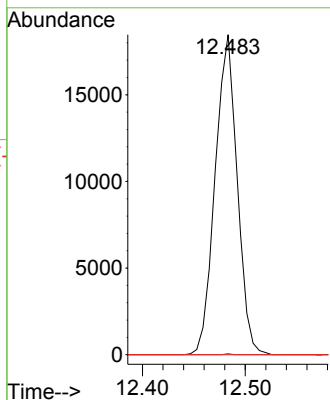
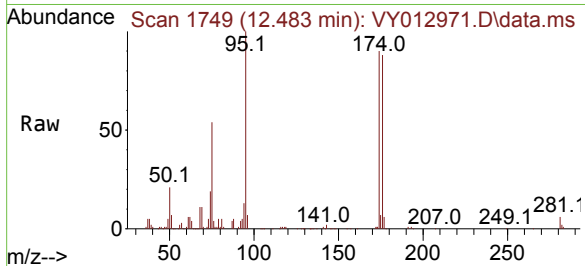




#81
trans-1,4-Dichloro-2-butene
Concen: 85.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6A-031423

Tgt Ion: 75 Resp: 27531
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 1.224 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion: 128 Resp: 2541
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 8.5 8.6 13.0#

