

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012548.D
 Acq On : 08 Feb 2023 17:23
 Operator : KP/MD
 Sample : 01481-01
 Misc : 7.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-39-020723

Quant Time: Feb 09 07:15:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

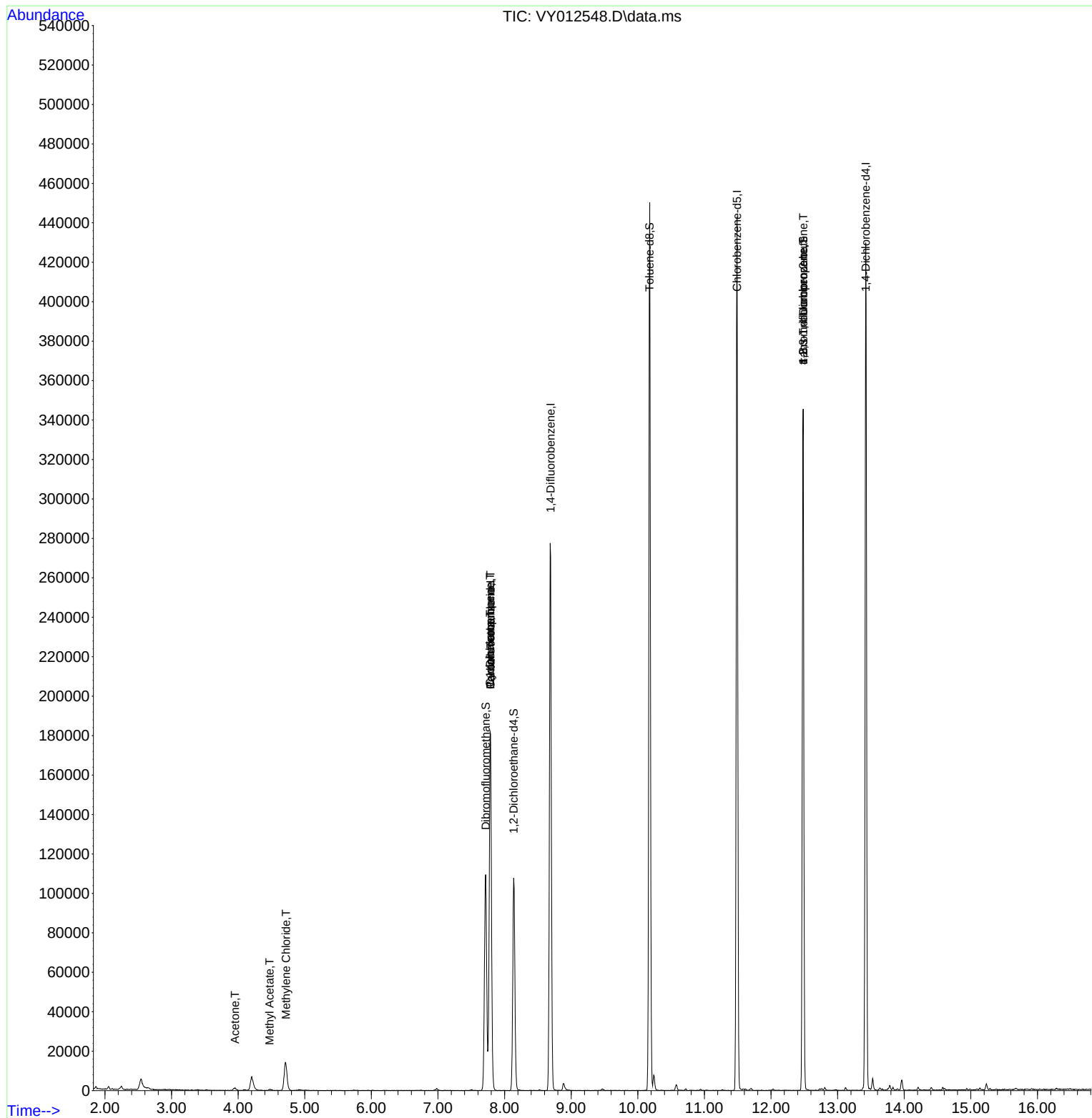
Internal Standards						
1) Pentafluorobenzene	7.789	168	149687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90121	47.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.716	113	74670	40.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.780%
50) Toluene-d8	10.179	98	298291	39.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.480%
62) 4-Bromofluorobenzene	12.483	95	99923	37.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.649	94	330	Below Cal	#	57
11) Tert butyl alcohol	4.911	59	153	Below Cal	#	75
16) Acetone	3.954	43	2252	4.916	ug/l	98
18) Methyl Acetate	4.472	43	1113	1.011	ug/l #	75
20) Methylene Chloride	4.716	84	11879	2.975	ug/l	94
31) Cyclohexane	7.783	56	2491	1.132	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	9870	3.993	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14838	4.472	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51346	39.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51346	88.851	ug/l #	12

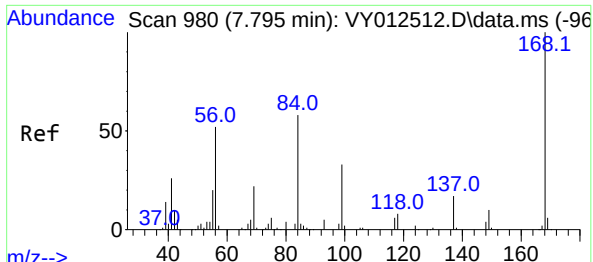
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
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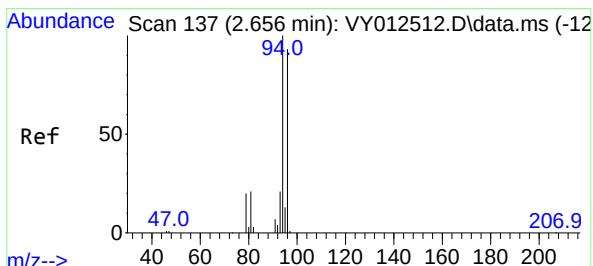
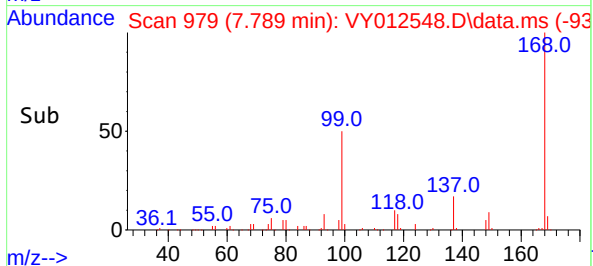
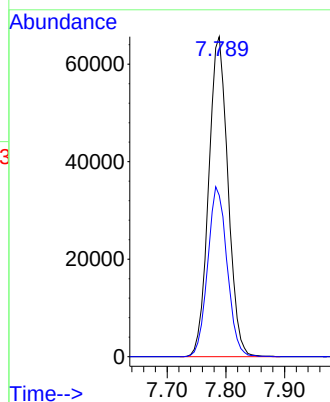
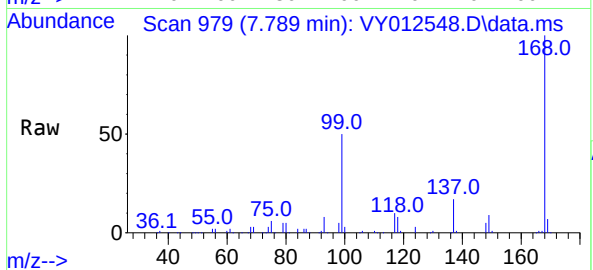




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

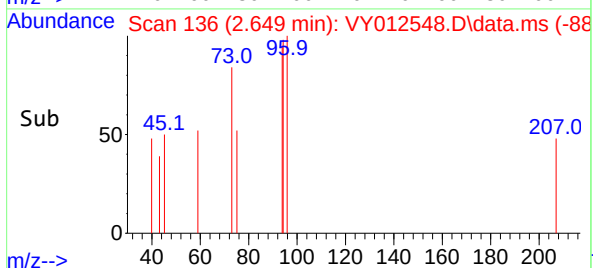
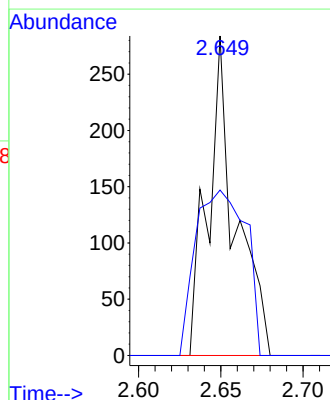
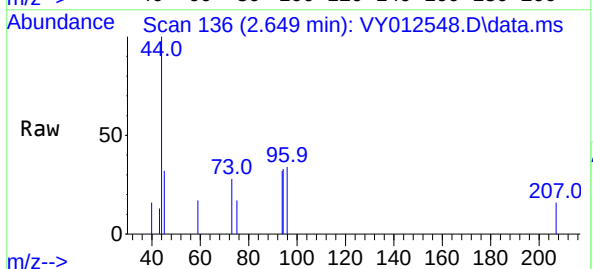
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

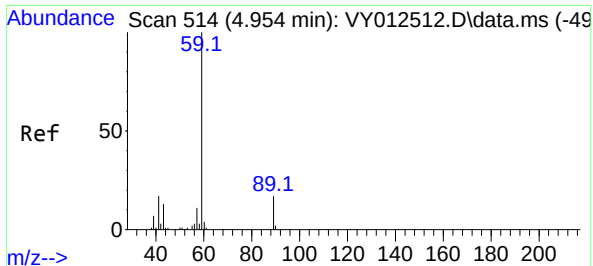
Tgt Ion:168 Resp: 149687
Ion Ratio Lower Upper
168 100
99 50.4 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.649 min Scan# 136
Delta R.T. -0.007 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 51.8 74.7 112.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY012548.D

Acq: 08 Feb 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

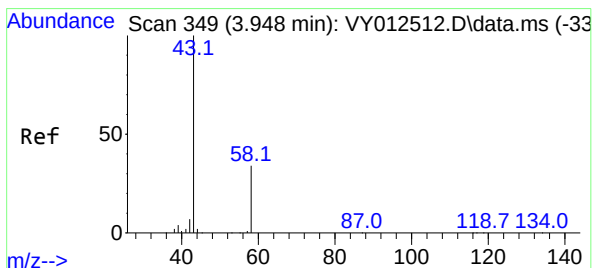
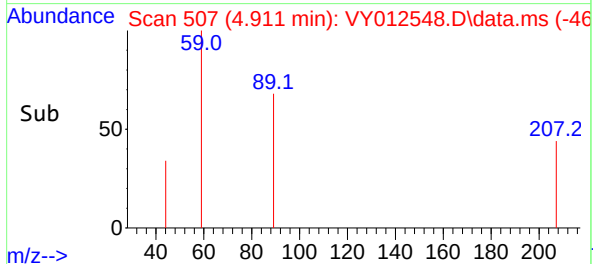
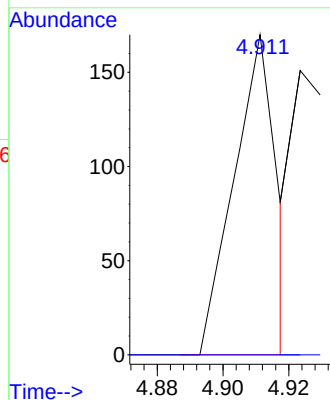
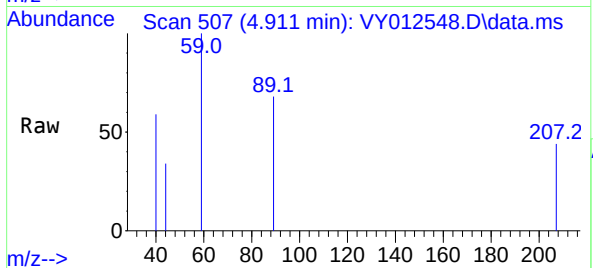
JPP-39-020723

Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 4.916 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY012548.D

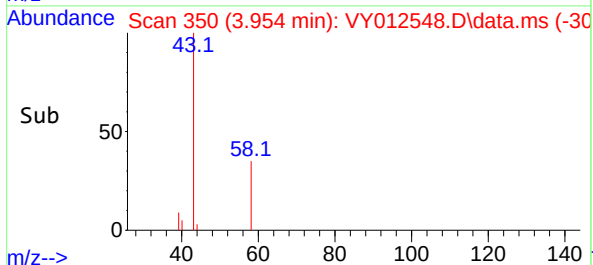
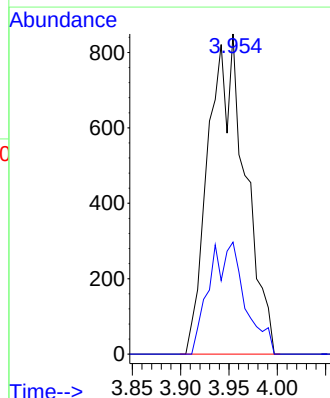
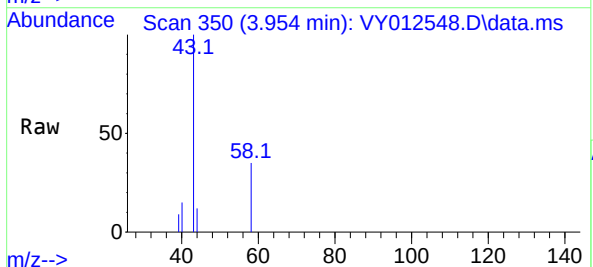
Acq: 08 Feb 2023 17:23

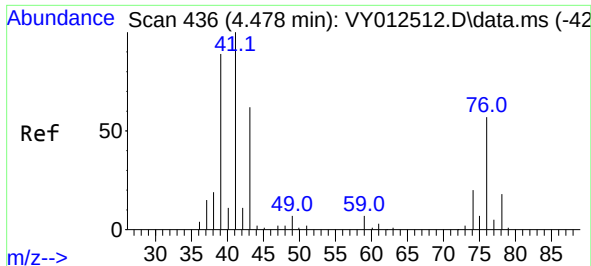
Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

58 35.0 27.1 40.7

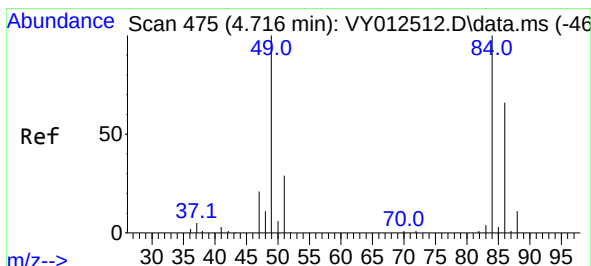
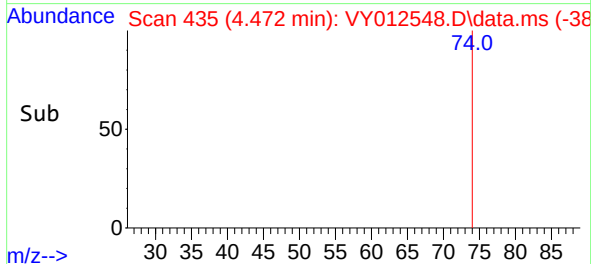
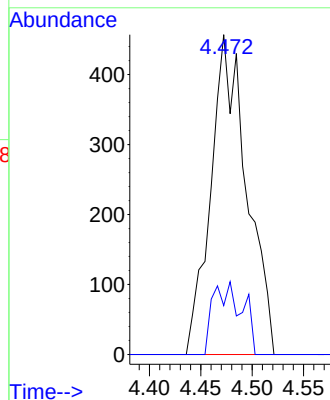
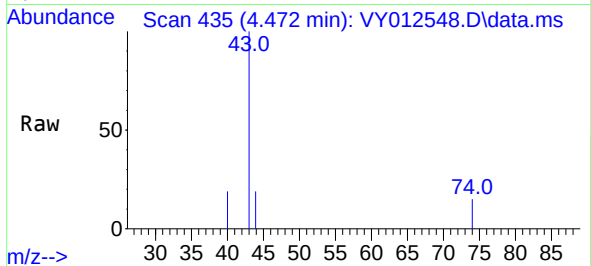




#18
Methyl Acetate
Concen: 1.011 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

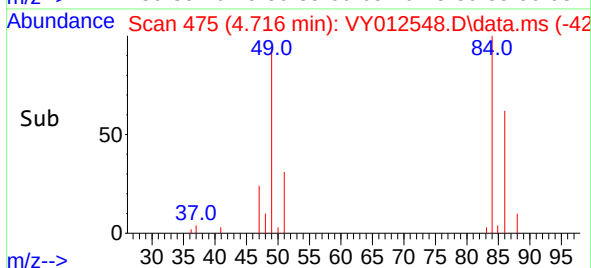
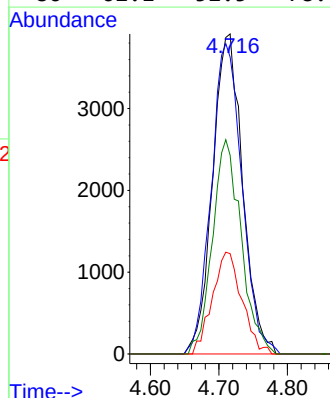
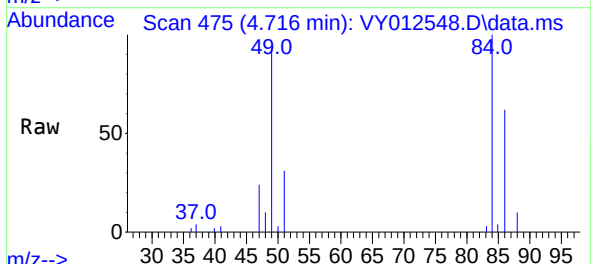
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

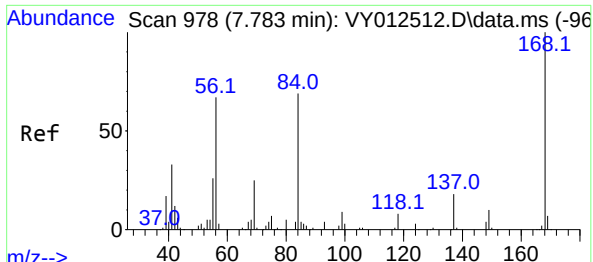
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
74 18.1 25.6 38.4#



#20
Methylene Chloride
Concen: 2.975 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

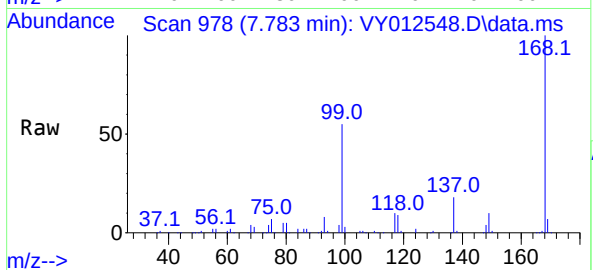
Tgt Ion: 84 Resp: 11879
Ion Ratio Lower Upper
84 100
49 92.8 79.8 119.6
51 31.3 23.4 35.2
86 62.1 52.5 78.7



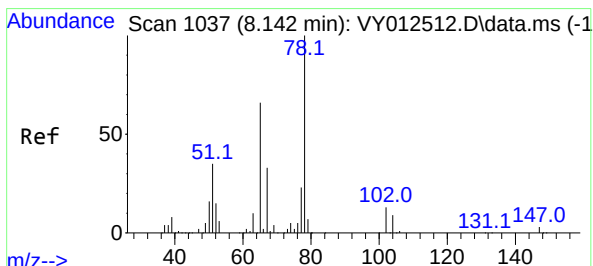
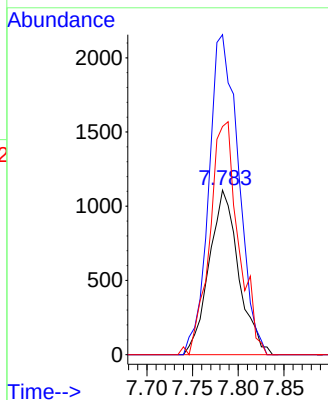
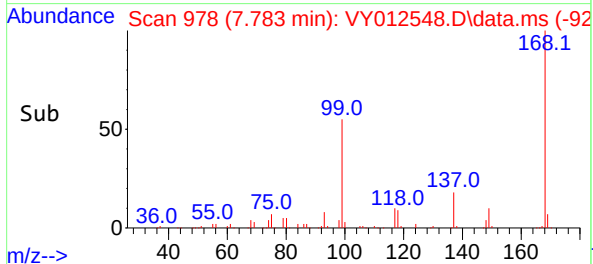


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

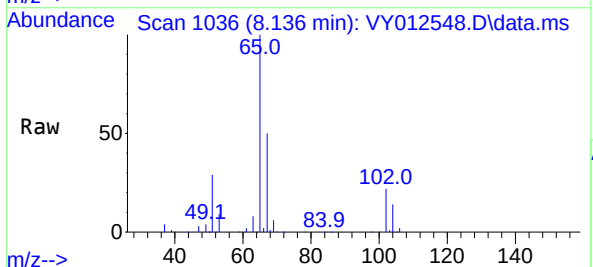
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723



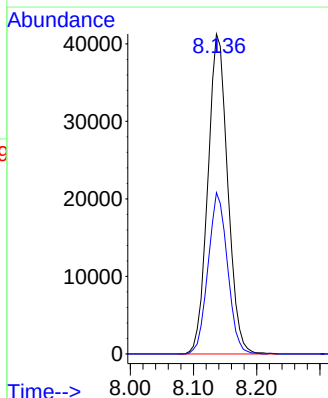
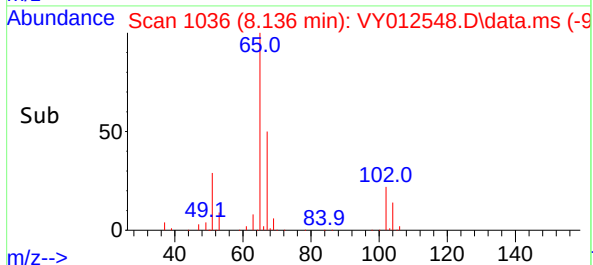
Tgt Ion: 56 Resp: 2491
Ion Ratio Lower Upper
56 100
69 194.6 29.5 44.3#
84 138.7 81.9 122.9#

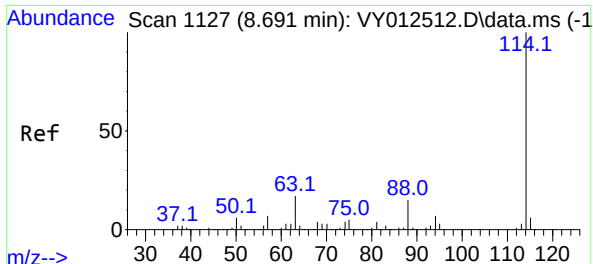


#33
1,2-Dichloroethane-d4
Concen: 47.346 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23



Tgt Ion: 65 Resp: 90121
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.6

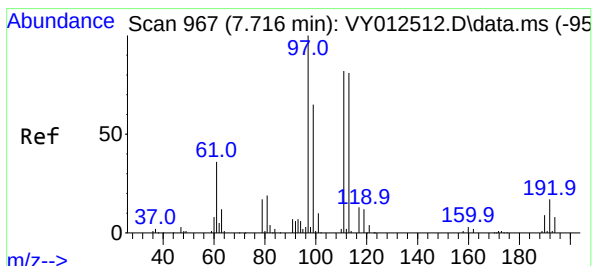
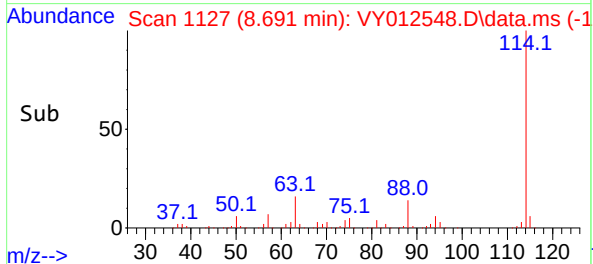
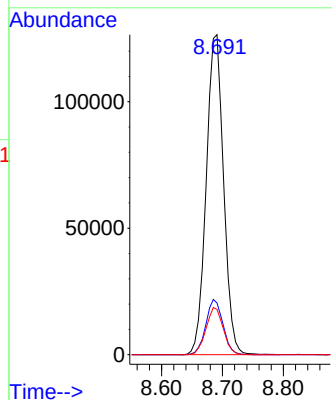
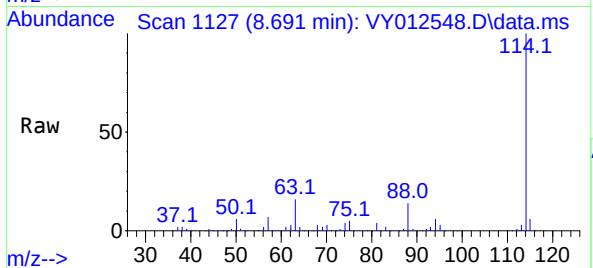




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

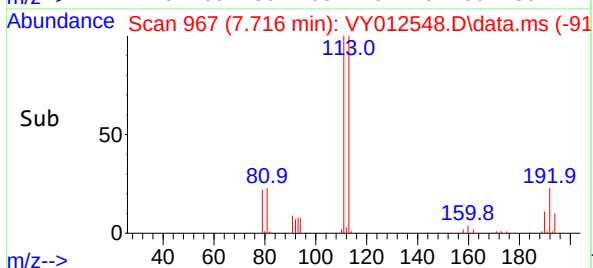
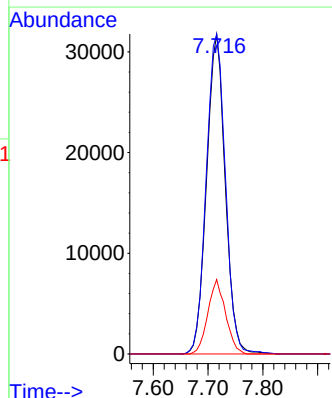
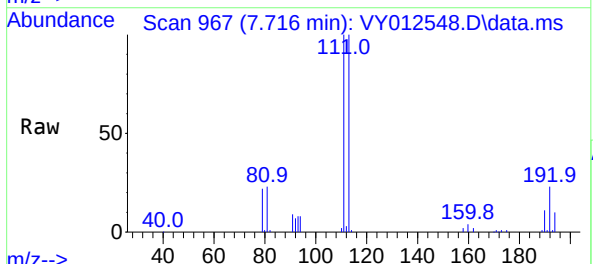
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

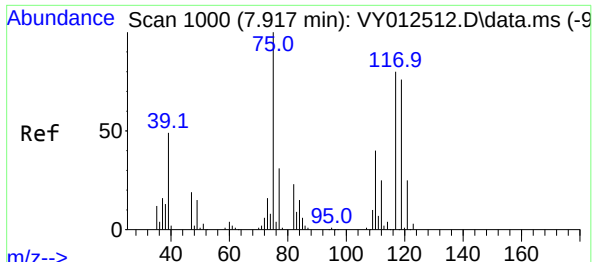
Tgt Ion:114 Resp: 250765
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.6
88 14.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.888 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion:113 Resp: 74670
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 22.2 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.993 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012548.D

Acq: 08 Feb 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

JPP-39-020723

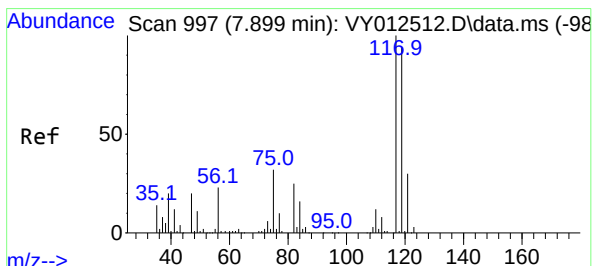
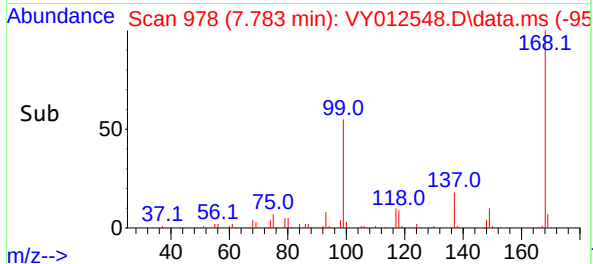
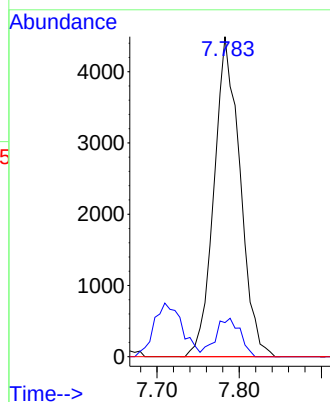
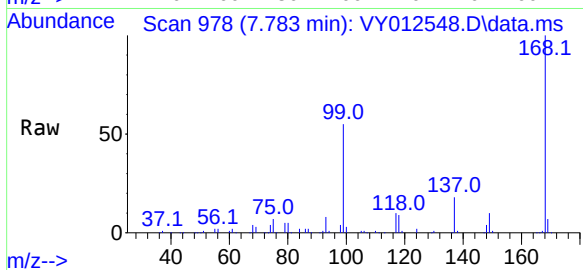
Tgt Ion: 75 Resp: 9870

Ion Ratio Lower Upper

75 100

110 11.4 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.472 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012548.D

Acq: 08 Feb 2023 17:23

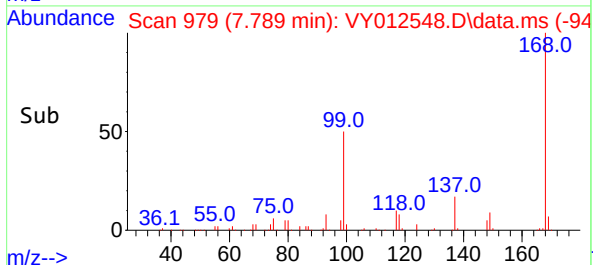
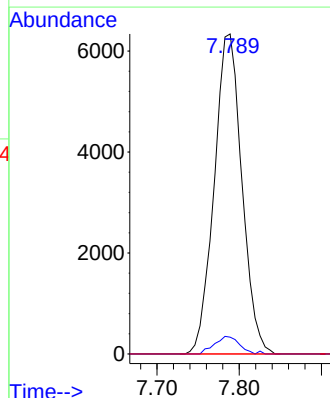
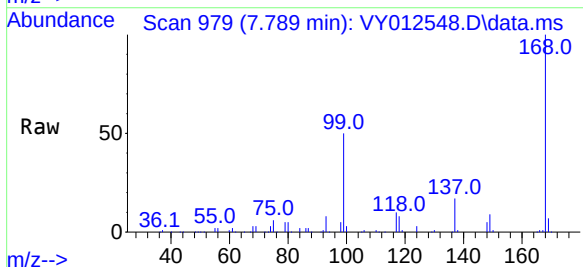
Tgt Ion: 117 Resp: 14838

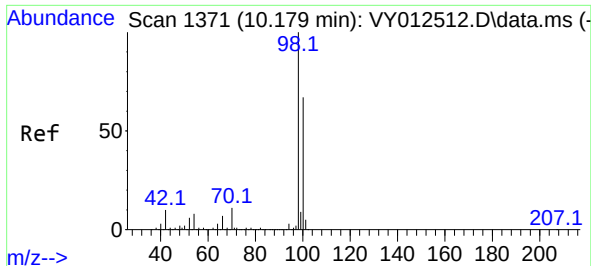
Ion Ratio Lower Upper

117 100

119 5.2 75.1 112.7#

121 0.0 24.3 36.5#

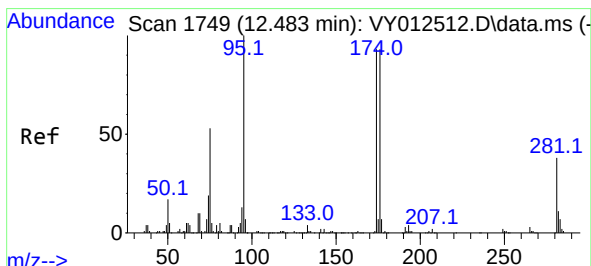
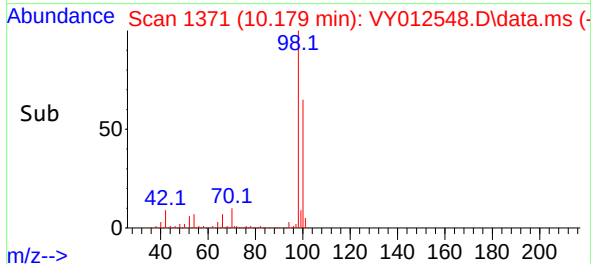
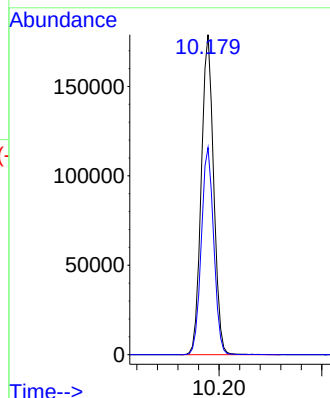
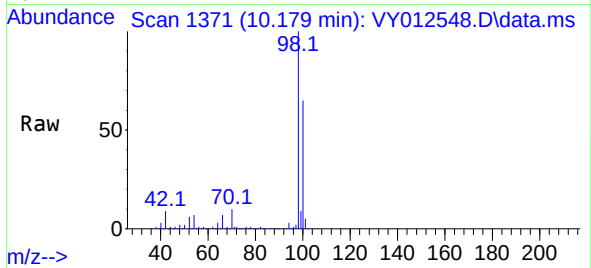




#50
Toluene-d8
Concen: 39.242 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

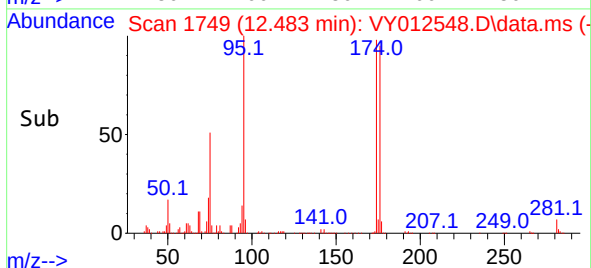
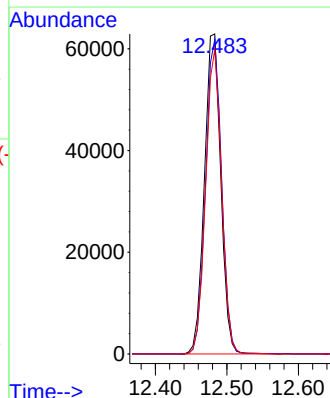
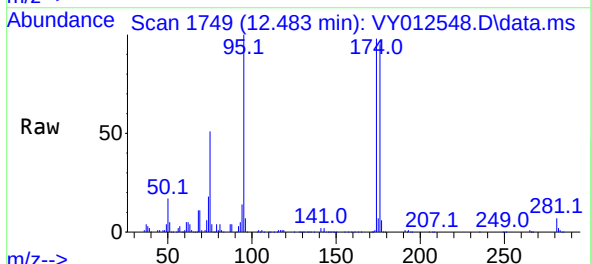
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

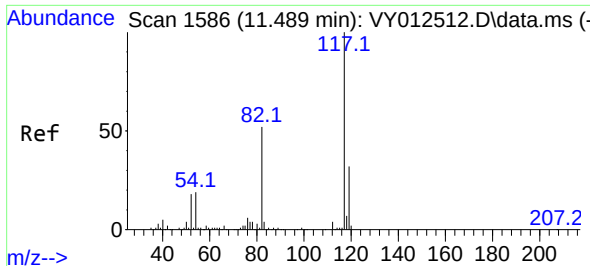
Tgt Ion: 98 Resp: 298291
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion: 95 Resp: 99923
Ion Ratio Lower Upper
95 100
174 96.6 0.0 188.0
176 92.9 0.0 183.6

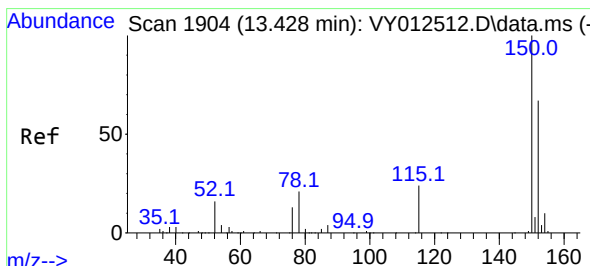
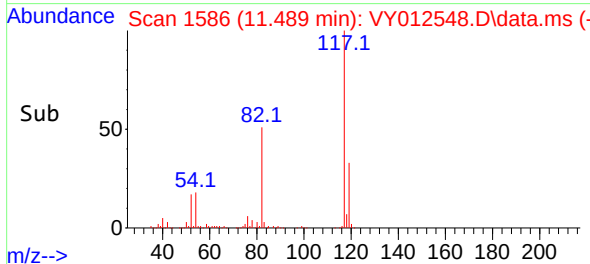
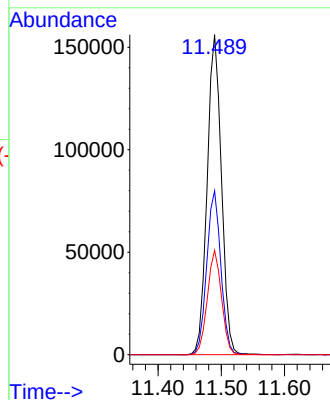
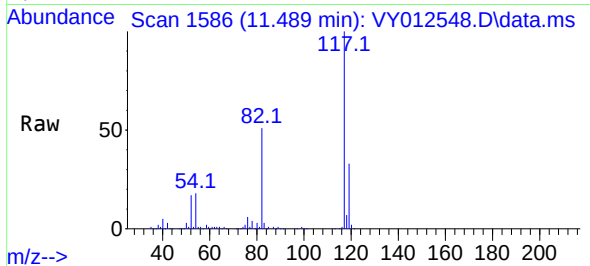




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

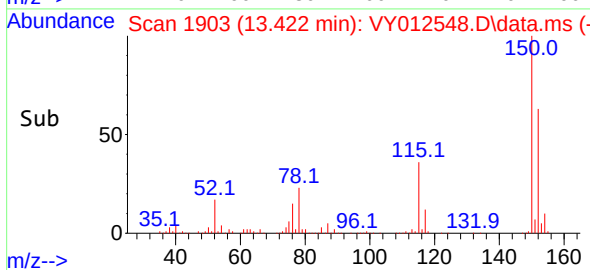
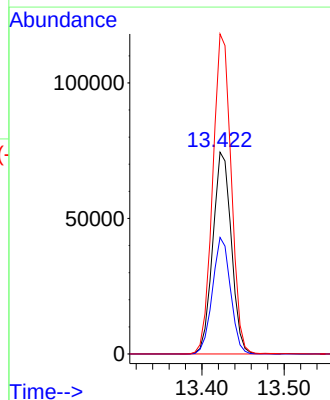
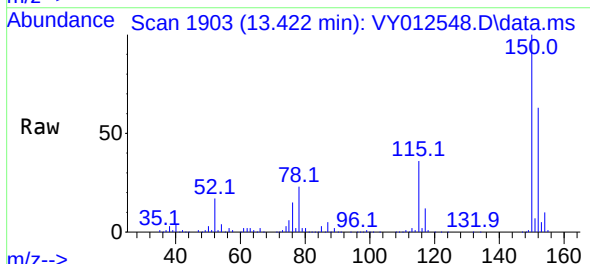
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

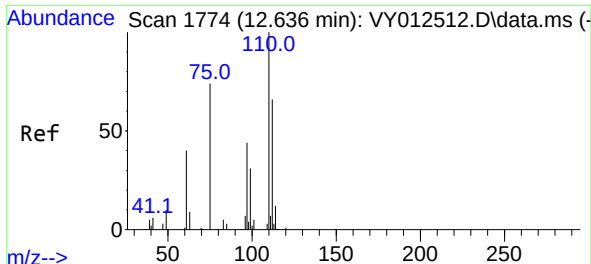
Tgt Ion:117 Resp: 245463
Ion Ratio Lower Upper
117 100
82 51.2 41.7 62.5
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion:152 Resp: 116642
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 158.0 0.0 351.0

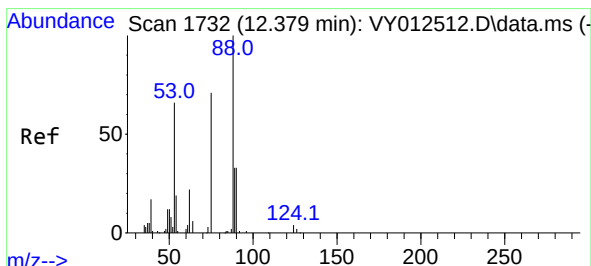
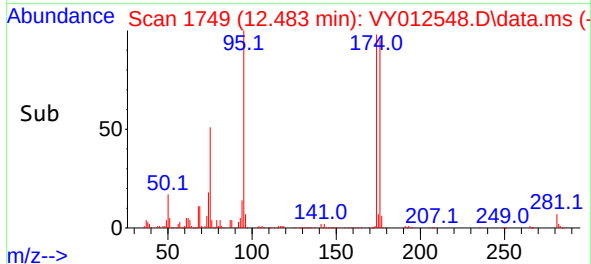
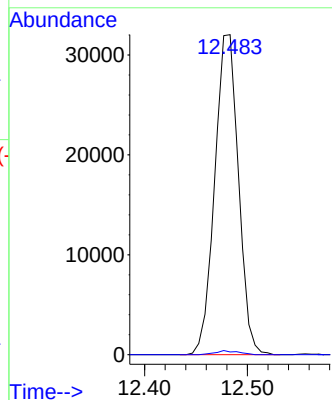
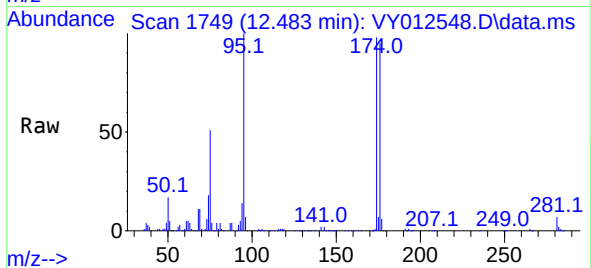




#76
1,2,3-Trichloropropane
Concen: 39.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

Tgt Ion: 75 Resp: 51346
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion: 75 Resp: 51346
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.1 39.9 59.9#

