

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012551.D
 Acq On : 08 Feb 2023 18:33
 Operator : KP/MD
 Sample : 01481-13
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-48-020723

Quant Time: Feb 09 07:15:54 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)

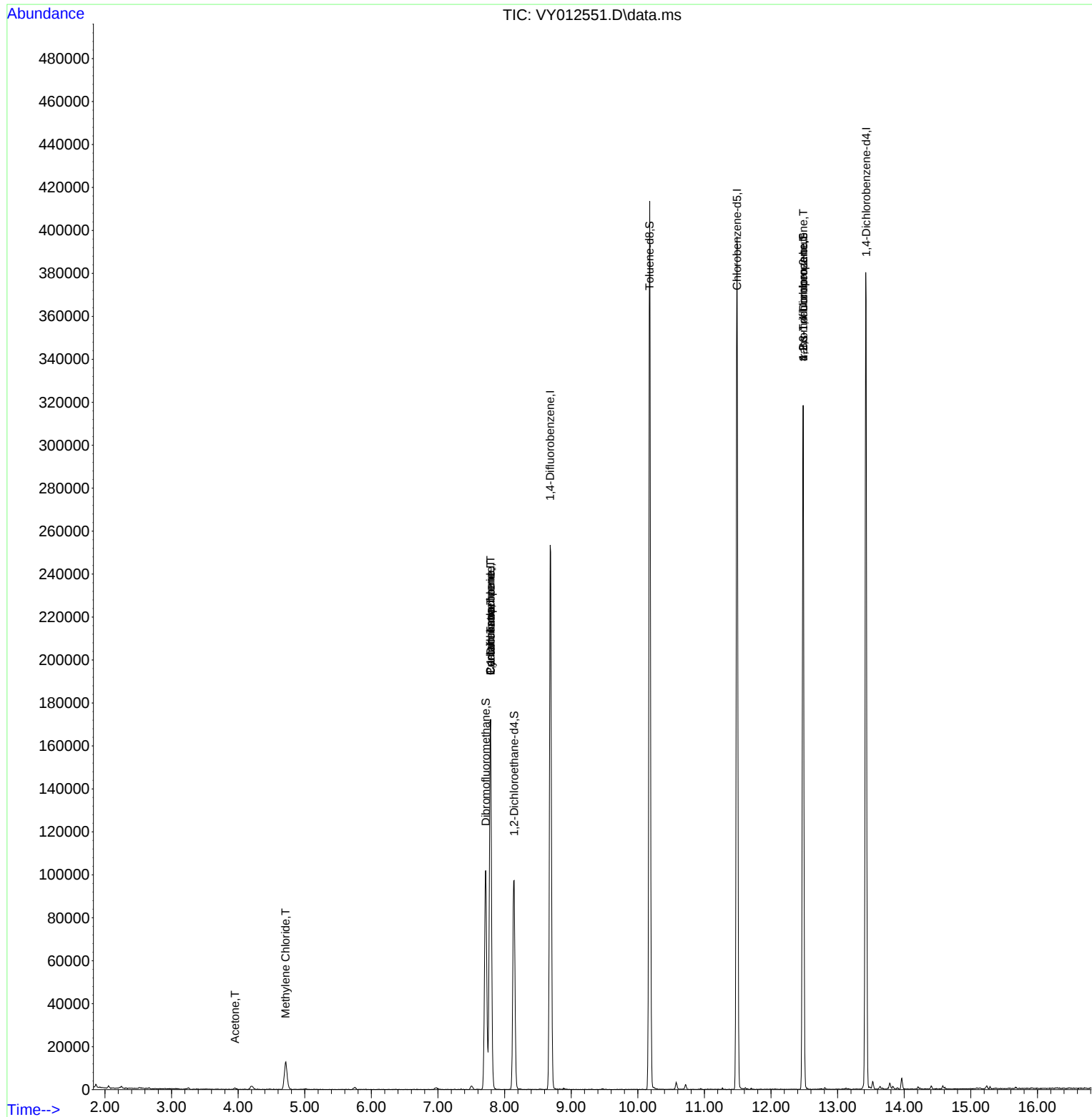
Internal Standards						
1) Pentafluorobenzene	7.789	168	138969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85552	48.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.716	113	69590	41.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.320%
50) Toluene-d8	10.179	98	273849	38.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.840%
62) 4-Bromofluorobenzene	12.483	95	90142	36.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.460%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	20	Below Cal	#	41
5) Bromomethane	2.643	94	70	Below Cal	#	3
11) Tert butyl alcohol	4.936	59	205	Below Cal	#	75
16) Acetone	3.954	43	991	2.330	ug/l	89
20) Methylene Chloride	4.710	84	10418	2.555	ug/l	99
31) Cyclohexane	7.789	56	2330	1.140	ug/l	# 25
36) 1,1-Dichloropropene	7.789	75	9061	3.960	ug/l	# 48
38) Carbon Tetrachloride	7.789	117	13665	4.449	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	47779	40.344	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	47779	90.977	ug/l	# 12

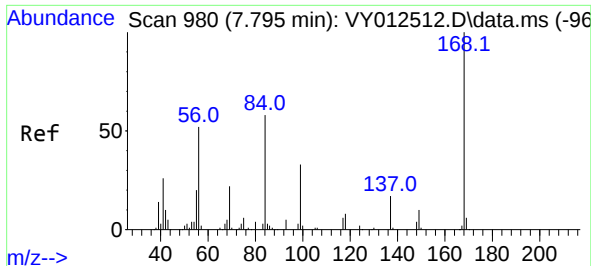
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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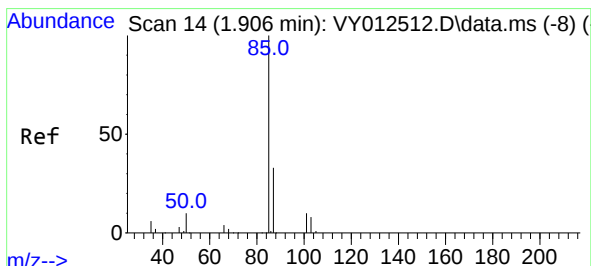
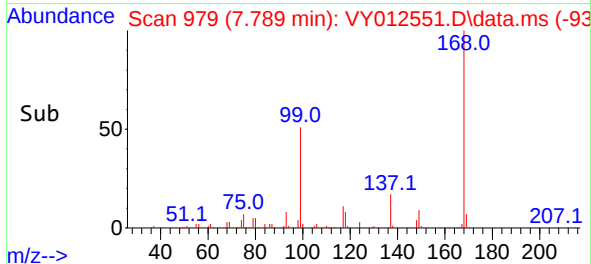
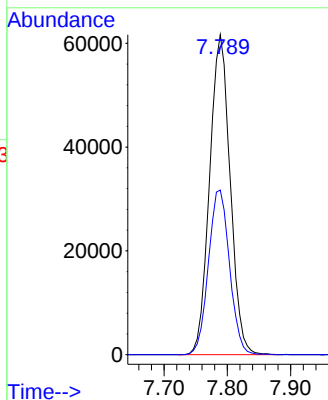
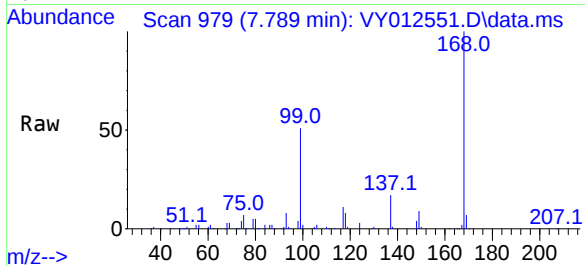




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

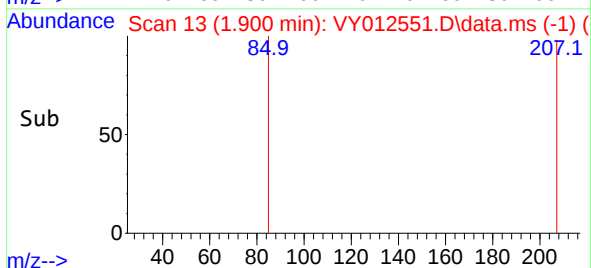
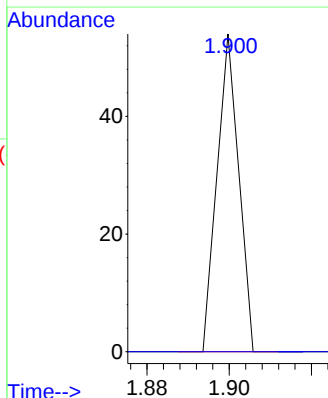
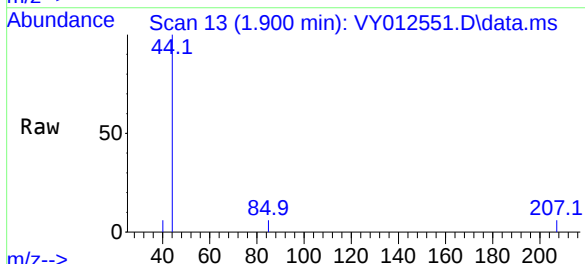
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

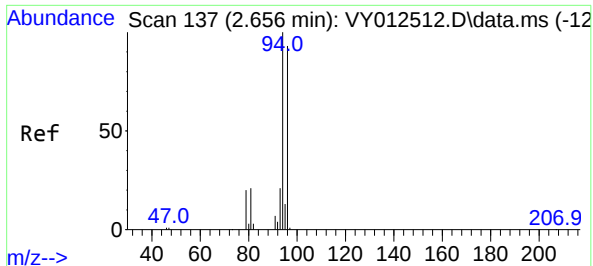
Tgt Ion:168 Resp: 138969
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

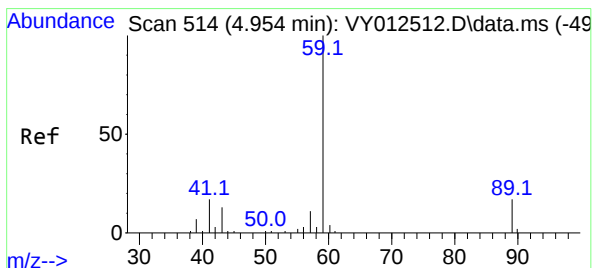
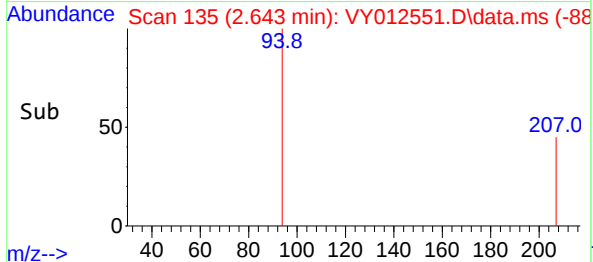
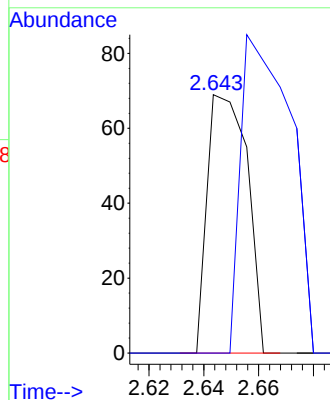
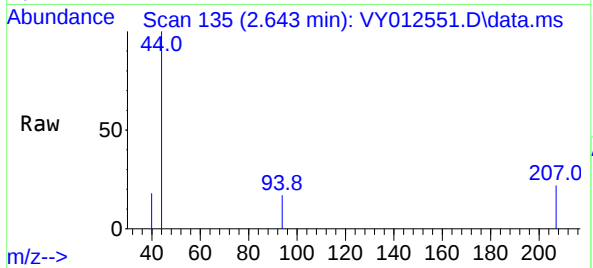




#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

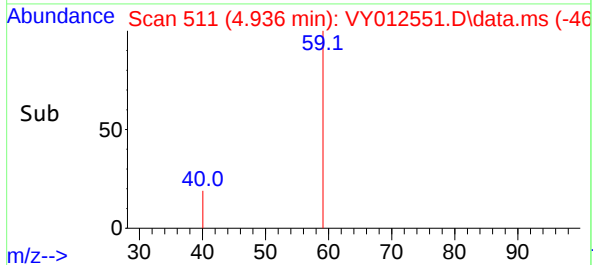
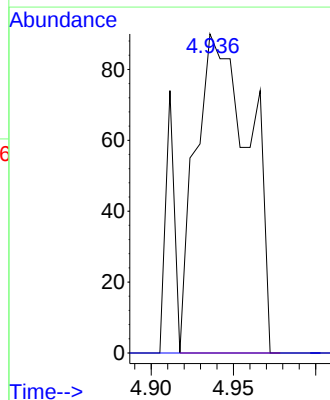
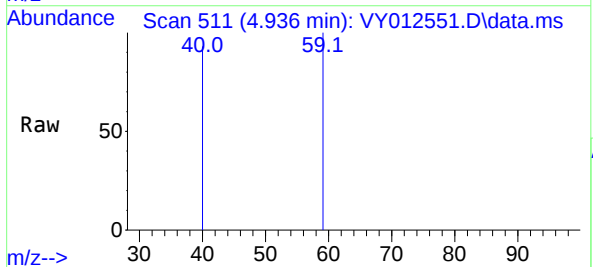
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

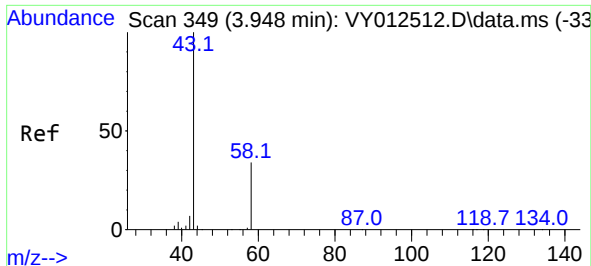
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

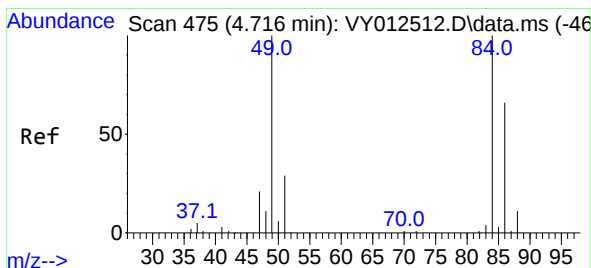
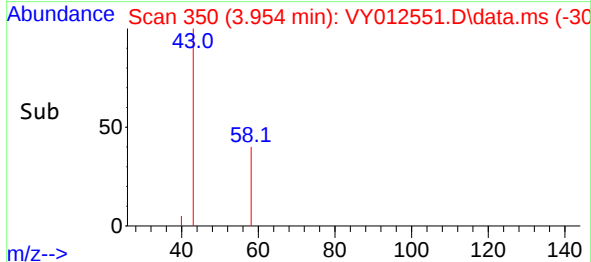
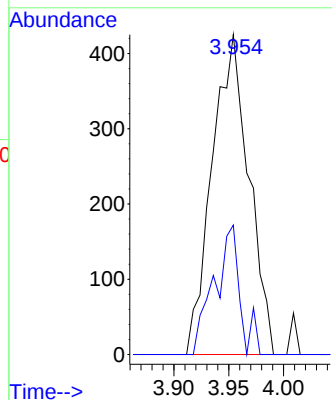
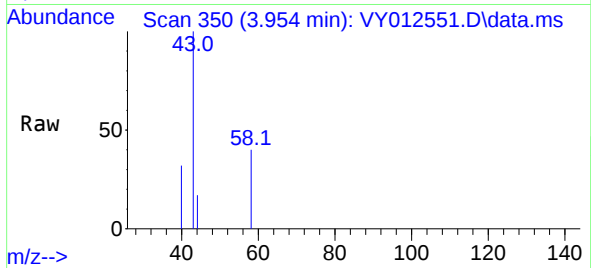




#16
Acetone
Concen: 2.330 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

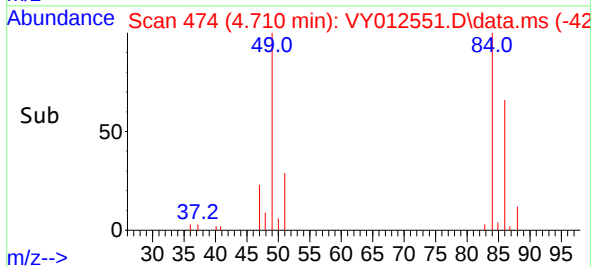
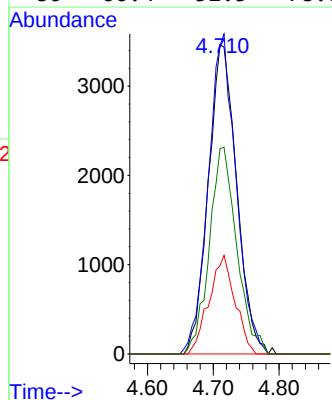
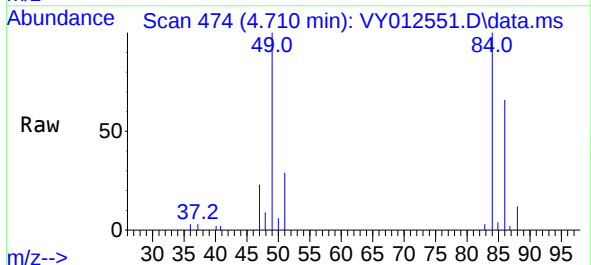
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

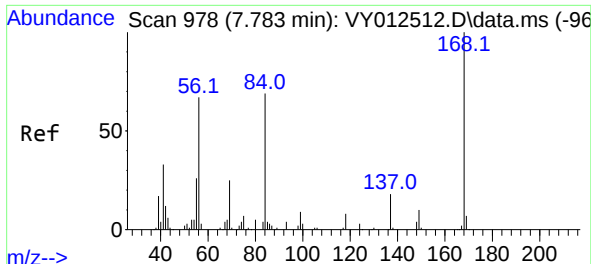
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 40.5 27.1 40.7



#20
Methylene Chloride
Concen: 2.555 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 84 Resp: 10418
Ion Ratio Lower Upper
84 100
49 99.7 79.8 119.6
51 28.6 23.4 35.2
86 66.4 52.5 78.7

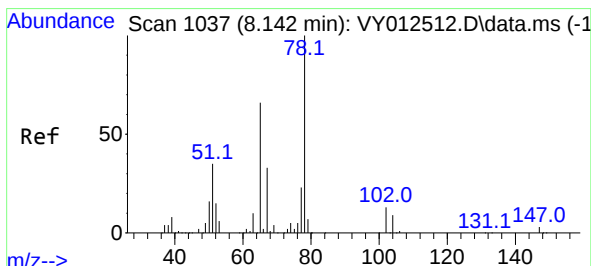
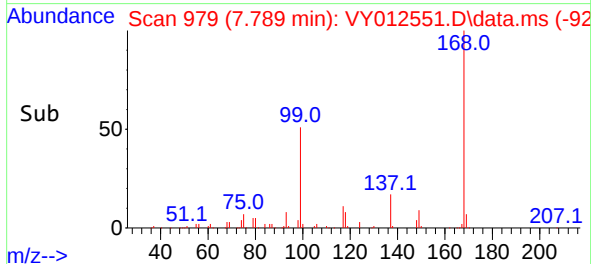
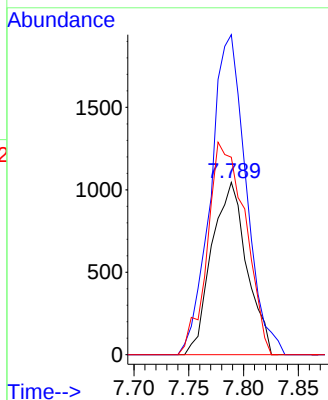
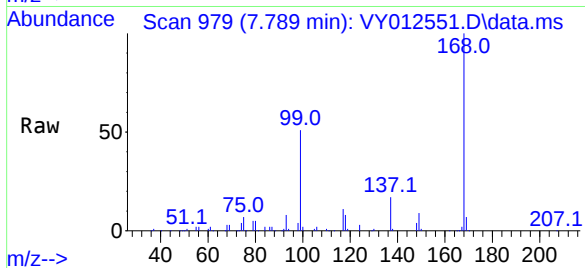




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

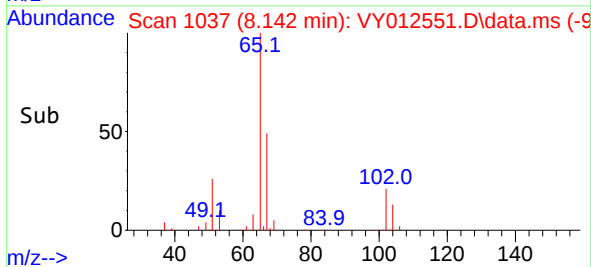
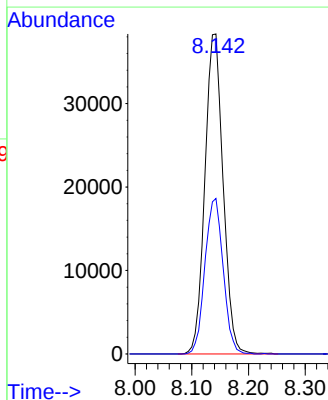
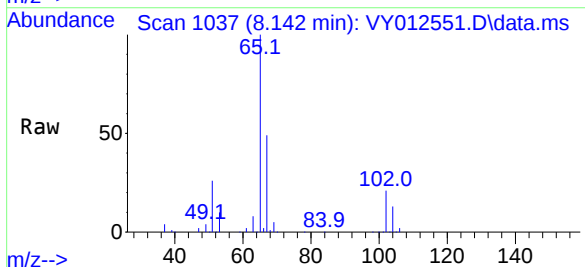
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

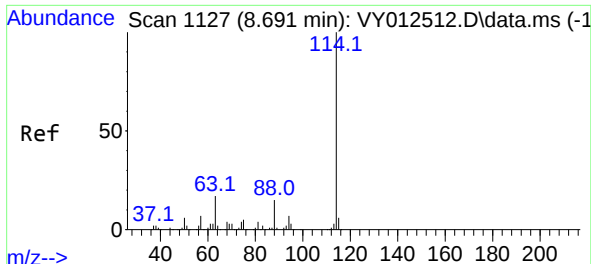
Tgt Ion: 56 Resp: 2330
Ion Ratio Lower Upper
56 100
69 185.7 29.5 44.3#
84 114.6 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 48.412 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 65 Resp: 85552
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY012551.D

Acq: 08 Feb 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

JPP-48-020723

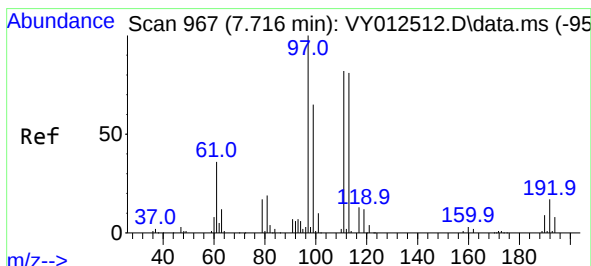
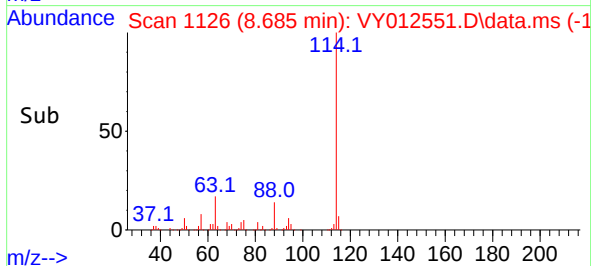
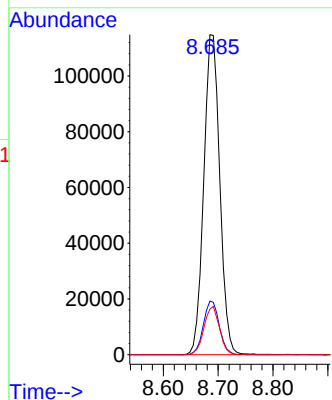
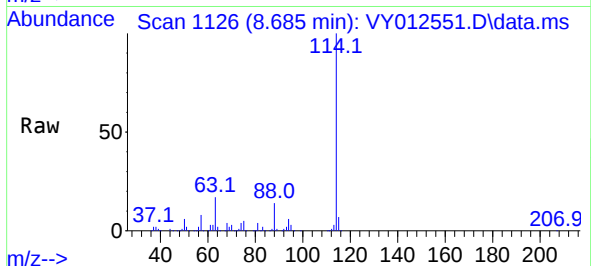
Tgt Ion:114 Resp: 232135

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 41.164 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012551.D

Acq: 08 Feb 2023 18:33

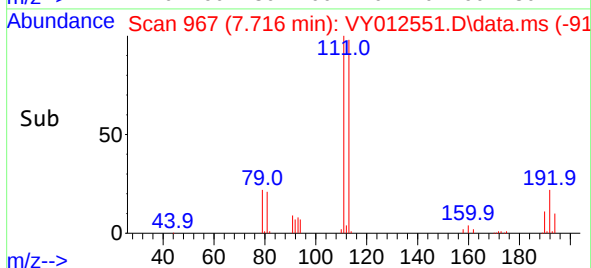
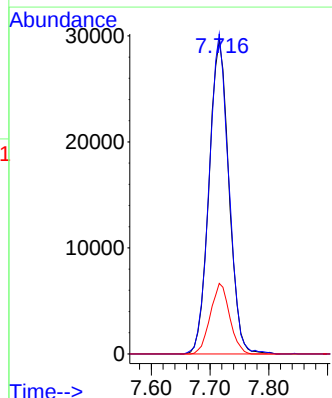
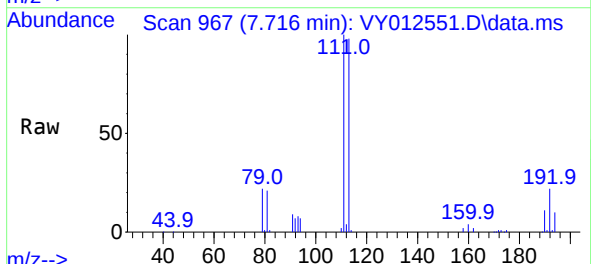
Tgt Ion:113 Resp: 69590

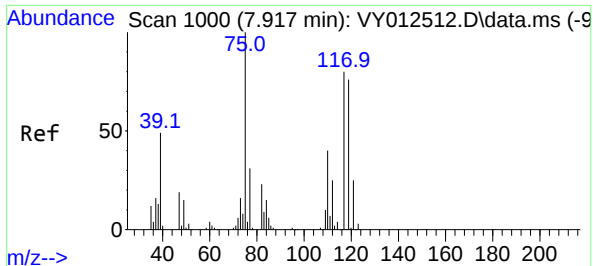
Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 21.8 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.960 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012551.D

Acq: 08 Feb 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

JPP-48-020723

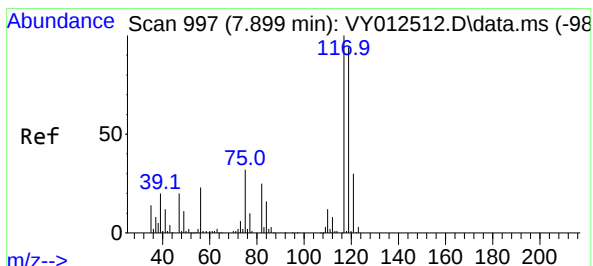
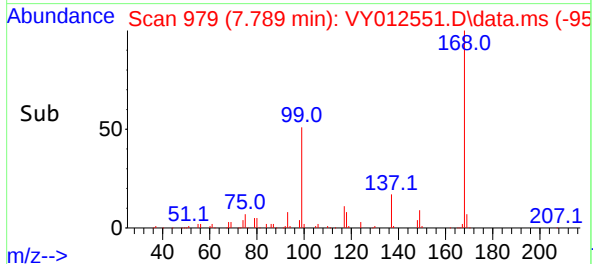
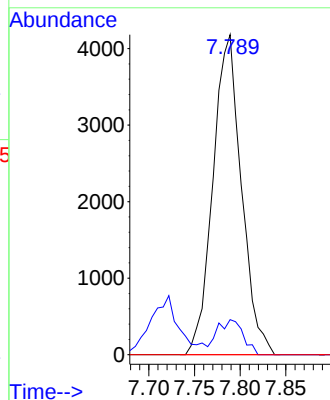
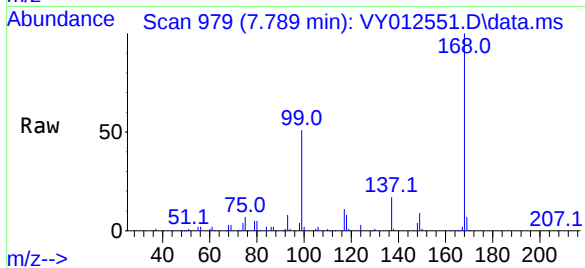
Tgt Ion: 75 Resp: 9061

Ion Ratio Lower Upper

75 100

110 9.9 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.449 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012551.D

Acq: 08 Feb 2023 18:33

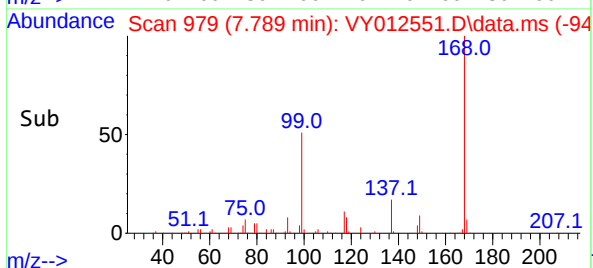
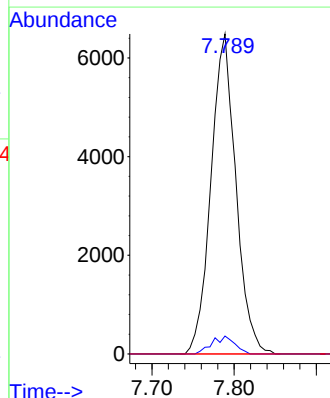
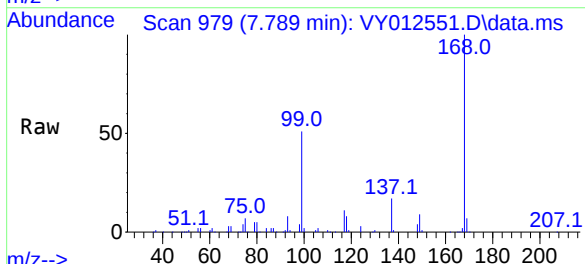
Tgt Ion:117 Resp: 13665

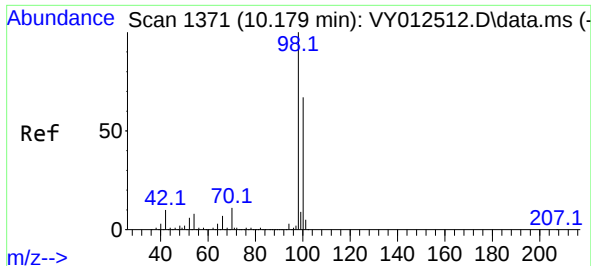
Ion Ratio Lower Upper

117 100

119 5.6 75.1 112.7#

121 0.0 24.3 36.5#

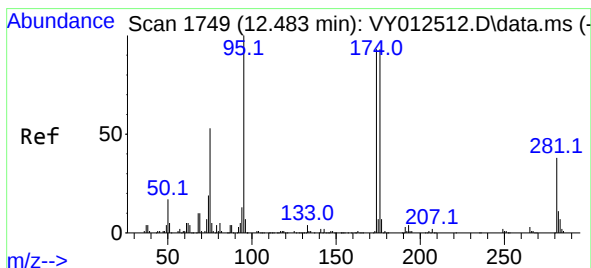
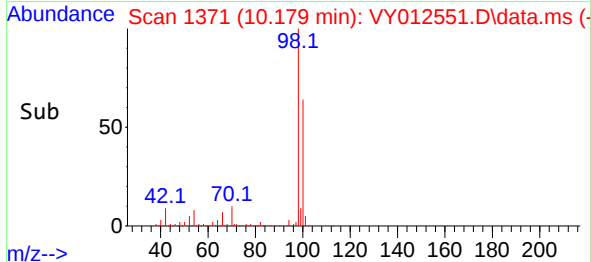
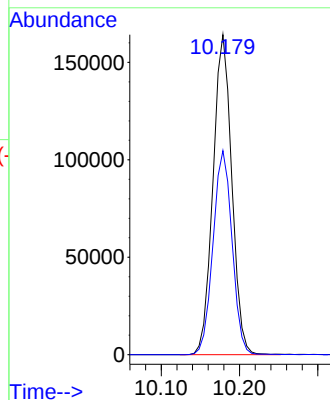
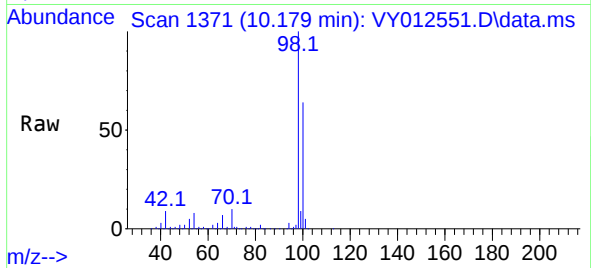




#50
Toluene-d8
Concen: 38.918 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

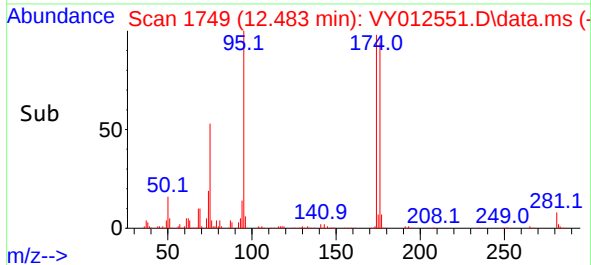
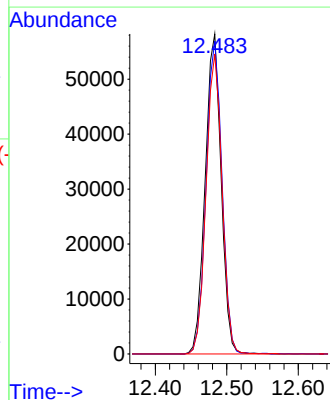
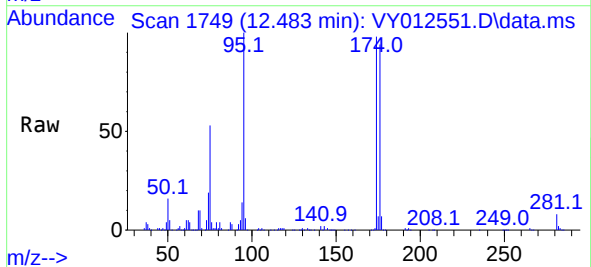
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

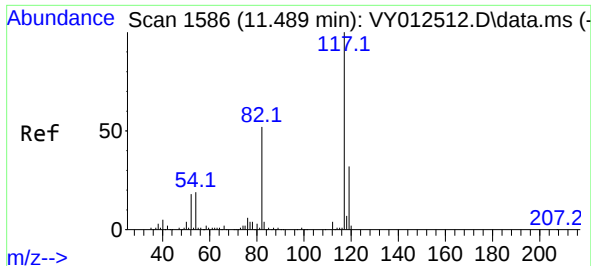
Tgt Ion: 98 Resp: 273849
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 36.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 95 Resp: 90142
Ion Ratio Lower Upper
95 100
174 97.7 0.0 188.0
176 93.8 0.0 183.6

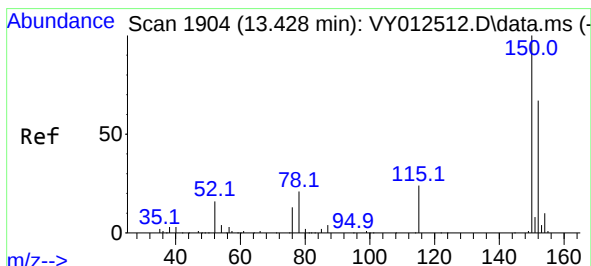
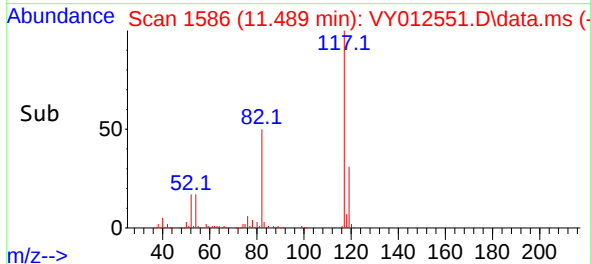
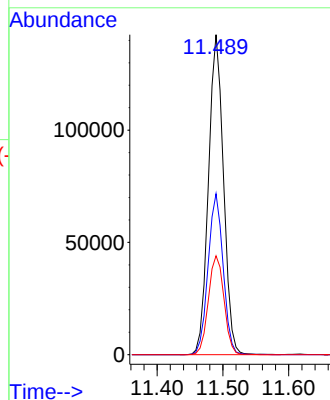
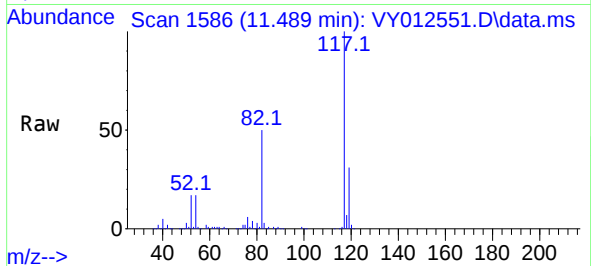




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

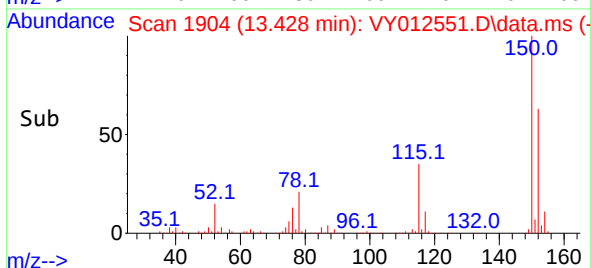
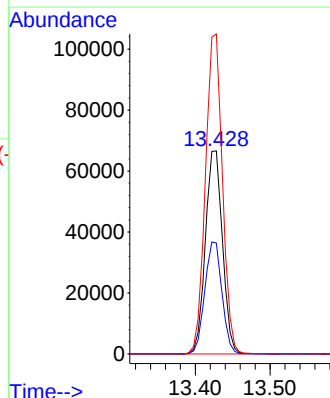
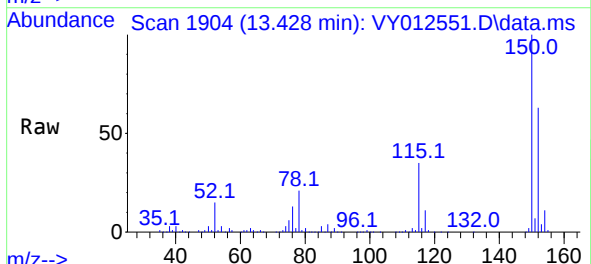
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

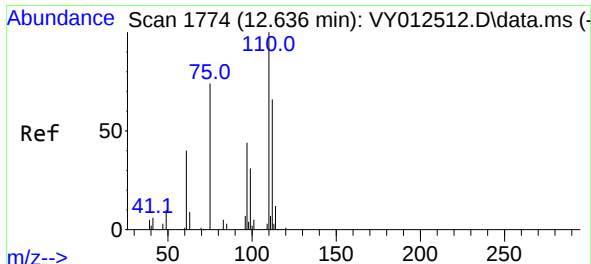
Tgt Ion:117 Resp: 226879
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion:152 Resp: 106003
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.3
150 156.5 0.0 351.0

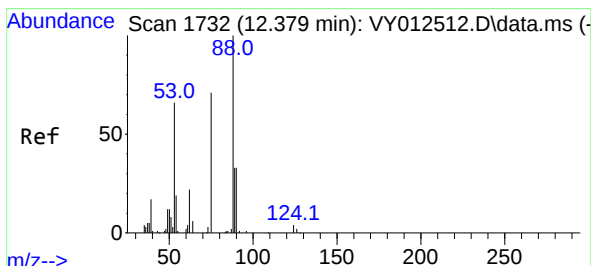
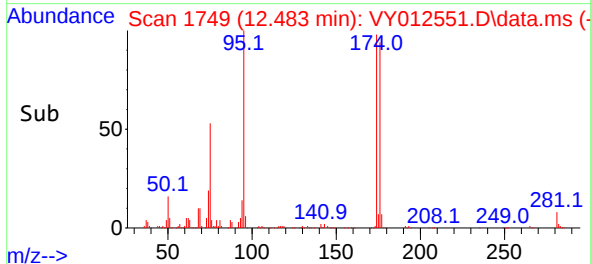
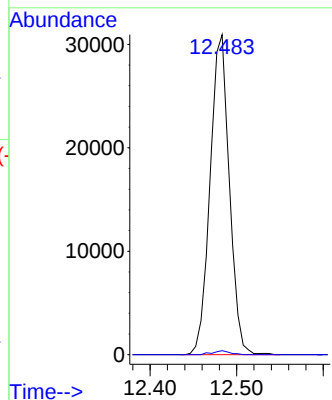
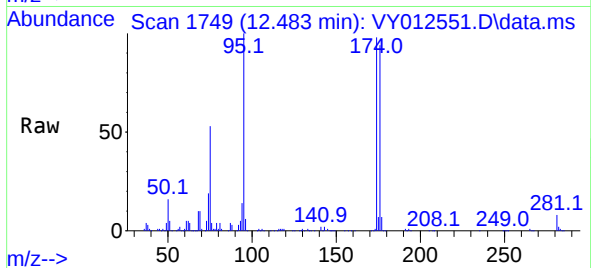




#76
1,2,3-Trichloropropane
Concen: 40.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

Tgt Ion: 75 Resp: 47779
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 75 Resp: 47779
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

